AUSTIN ENERGY'S TARIFF PACKAGE: 2015 COST OF SERVICE STUDY AND PROPOSAL TO CHANGE BASE ELECTRIC RATES	§ § § §	BEFORE THE CITY OF AUSTIN IMPARTIAL HEARINGS EXAMINER

AUSTIN ENERGY'S RESPONSE TO THE FIRST REQUEST FOR INFORMATION FROM NXP SEMICONDUCTORS AND SAMSUNG AUSTIN SEMICONDUCTOR, LLC

Austin Energy ("Austin Energy" or "AE") files this Response to NXP Semiconductors and Samsung Austin Semiconductor, LLC (collectively, "NXP/Samsung"). The discovery request was submitted by Customers February 4, 2016. By agreement of the parties, these responses are timely filed on February 18, 2016 in accordance with the City of Austin Procedural Rules for the Initial Review of Austin Energy's Rates, § 7.3(c)(1).

Respectfully submitted,

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ATTORNEYS FOR AUSTIN ENERGY

AUSTIN ENERGY
2016 FEB 18 PM 12:01

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of this pleading has been served on all parties and the Impartial Hearing Examiner on this 18th day of February, 2016, in accordance with the City of Austin Procedural Rules for the Initial Review of Austin Energy's Rates.

THOMAS L. BROCATO

NXP/Samsung 1-1. Please provide the fully working versions of all schedules employed to prepare Austin Energy's rate filing package in electronic (MS Excel, MS Word, etc.) format.

ANSWER:

The working MS Excel version of the cost of service model can be found on Austin Energy's rate website rates.austinenergy.com on the 2016 Staff Recommendation page.

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-2. Please provide the fully working versions of all workpapers employed to prepare Austin Energy's rate filing package in electronic (MS Excel, MS Word, etc.) format.

ANSWER:

The working MS Excel version of the cost of service model can be found on Austin Energy's rate website rates.austinenergy.com on the 2016 Staff Recommendation page.

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-3. Please provide the fully working versions of all schedules employed to prepare Austin Energy's rate filing package in electronic (MS Excel, MS Word, etc.) format.

ANSWER:

Please see the response to NXP/Samsung's RFI 1-1.

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-4. Please provide the fully working versions of the class cost of service (cost allocation) study employed by Austin Energy's rate filing package in electronic (MS Excel, MS Word, etc.) format.

ANSWER:

The working MS Excel version of the cost of service model can be found on Austin Energy's rate website rates.austinenergy.com on the 2016 Staff Recommendation page.

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-5. Please provide a fully working versions of the class cost of service employed by Austin Energy's rate filing package including separate classes for (a) street and highway lighting, (b) guard/security lights, and (c) flood lights.

ANSWER:

The cost of service model can be found on Austin Energy's rate website rates.austinenergy.com on the 2016 Staff Recommendation page.

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-6. Provide all information employed to develop the Lighting classes allocation factors.

ANSWER:

The information employed to develop the 'lighting' classes' allocation factors are located within the 'AE RFP' model under the following sheet names:

- Schedule F-6
- WP F-6.1
- WP F-6.1.1
- WP F-6.1.2
- WP F-6.1.2.1
- WP F-6.1.3
- WP F-6.2
- WP F-6.3

Additional information is contained in 'Austin Energy's Tariff Package' for 'Cost of Service Model – Redacted' under pages 176-186 of 347 (Bates stamp 935-945).

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-7. For each of the Lighting services offered by Austin Energy (i.e., Street and Highway Lighting, Guard/Security Lighting, and Flood Lighting, please provide the following information: (a) kilowatt-hours sales at the point of delivery by month, (b) number of lighting delivery points; (c) number of Lighting accounts; (d) non-coincident peak demand by month; (e) contribution to the system peak demand by month; (f) gross plant investment; and (g) accumulated depreciation.

ANSWER:

For subset 'a' through 'e' pertaining to each of the 'lighting' services offered by Austin Energy can be found within the 'AE RFP' model under the sheet name 'WP F-6.1.' Or in 'Austin Energy's Tariff Package' for 'Cost of Service Model – Redacted' under pages 177-178 of 347 (Bates stamp 936-937).

Subset 'f' and 'g' can be traced within the 'AE RFP' model under the sheet name 'Schedule G-4.' Or in 'Austin Energy's Tariff Package' for 'Cost of Service Model – Redacted' under pages 206-217 of 347 (Bates stamp 965-976).

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-8. Please provide the fully working versions of all schedules and exhibits included in each witness's testimony/or narrative in electronic (MS Excel, MS Word, etc.) format.

ANSWER:

For the schedules and exhibits included in the narrative of 'Austin Energy's Tariff Package: 2015 Cost of Service Study and Proposal to Change Base Electric Rates' under Chapter 6; see the following Figure with corresponding data:

- Figure 6.1 (Fixed Costs) = 'AE RFP' model under sheet names ''Schedule G-6" and "WP H-5.1" through "WP H-5.14"
- Figure 6.2 (CP) = Workpaper is provided
- Figure 6.3 (Premise Type) = Workpaper is provided
- Figure 6.4 (EIA Form 861) = Workpaper is provided pursuant to the Public Information Act.
- Figure 6.5 (Tier) = Workpaper is provided
- Figure 6.6 (kWh-Rev) = Workpaper is provided
- Figure 6.7 (Customer-related) = 'AE RFP' model under sheet name 'WP H-5.1'
- Figure 6.8 (Energy Structure) = 'AE RFP' model under sheet name 'WP H-5.1'
- Figure 6.9 (Base Rates-Inside) = 'AE RFP' model under sheet name 'WP H-2.1'
- Figure 6.10 (Base Rates-Outside) = 'AE RFP' model under sheet name 'WP H-2.1'
- Figure 6.11 (Actual Bill Impacts-RES) = Workpaper is provided
- Figure 6.12 (Bill Impacts) = 'AE RFP' model under sheet name 'Schedule H-3'
- Figure 6.13 (Demand Boundary) = Appendix L
- Figure 6.14 (Avg Cost Curve) = 'AE RFP' model under sheet name 'Schedule H-4'
- Figure 6.15 (Customer Charge) = 'AE RFP' model under sheet name 'Schedule H-2'
- Figure 6.16 (NonRES Demand-Energy) = 'AE RFP' model under sheet name 'Schedule H-2'
- Figure 6.17 (NonRES-Inside) = 'AE RFP' model under sheet name 'Schedule H-2'
- Figure 6.18 (NonRES-Outside) = 'AE RFP' model under sheet name 'Schedule H-2'
- Figure 6.19 (Actual Bill Impacts-NonRES) = Workpapers are provided.
- Figure 6.20 (Bill Impacts) = 'AE RFP' model under sheet name 'Schedule H-3'

- Figure 6.24 (PSA Rates) = 'AE RFP' model under sheet names 'WP H-2.1' through 'WP H-2.11' = Workpaper is provided pursuant to the Public Information Act.
- Figure 6.25 (Regulatory Rates) = 'AE RFP' model under sheet names 'WP H-2.1' through 'WP H-2.11'= Workpaper is provided pursuant to the Public Information Act.
- Figure 6.26 (SAL & EES Rates) = 'AE RFP' model under sheet names 'WP H-2.1' through 'WP H-2.11'= Workpaper is provided pursuant to the Public Information Act.
- Figure 6.27 (CAP Funding) = Workpaper is provided pursuant to the Public Information Act.
- Figure 6.28 (Total Impact) = 'AE RFP' model under sheet names 'Schedule G-10' through 'WP G-10.2'= Workpaper is provided pursuant to the Public Information Act.

The following Figures are subject to a pending objection due to the fact that they address pass-through charges that are outside the scope of this proceeding. Notwithstanding the foregoing, the information is provided pursuant to the Public Information Act:

- Figure 6.22 (Monthly PSA Costs)
- Figure 6.23 (Seasonal PSA Costs)

The working Excel document for Figure 6.21 includes information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

For schedules and exhibits included in the narrative of 'Austin Energy's Tariff Package: 2015 Cost of Service Study and Proposal to Change Base Electric Rates' under Chapters 2, 4 and 5, see attachment 1.

Attachment 1: NXP 1-8 Report to Council Tables & Graphs 012516 with links
Attachment 2: Backup for Exhibits 6.2, 6.3, 6.4, 6.5, 6.6, 6.23, 6.27
Attachment 3: Backup for Exhibits 6.11 and 6.19

Fully working versions of all schedules and exhibits included in each witness's testimony/or narrative in electronic (MS Excel, MS Word, etc.) format are attached separately.

Prepared by: CM / CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-9. Please provide a list of witness or sponsor for each section of the narrative provided in the Cost of Service Study.

ANSWER:

During the Hearing on the Tariff Packages, questions may be directed to the following individuals regarding the Report to Council narrative:

- Chapter 1 and 2 – Mark Dreyfus, Vice President of Regulatory Affairs and Corporate Communications.
- Chapter 3, Sections 3.1 through 3.5 – Elaina Ball, Acting Chief Operating Officer.
- Chapter 3, Sections 3.6.1 through 3.6.4 – Debbie Kimberly, Vice President of Customer Energy Solutions.
- Chapter 3, Section 3.6.5 and 3.6.6 – Kerry Overton, Deputy General Manager.
- Chapters 4 and 5 – Mark Dombroski, Interim General Manager and Chief Financial Officer.
- Chapter 6, Sections 6.1 through 6.3 and Section 6.8 – Mark Dreyfus.
- Chapter 6, Sections 6.4 through 6.7 and Section 6.9 – Mark Dombroski.

Prepared by: BE
Sponsored by: Mark Dreyfus

NXP/Samsung 1-10. Please provide the Austin Energy coincident peak (CP) load and the ERCOT CP load in each month of the test year and the nine previous years by customer class. Provide the date and time of the peak load in each of the months and identify any peak loads that occurred on Saturdays, Sundays, or holidays. If fewer than nine years of historical data are available, provide the requested information for as many years as it is available.

ANSWER:

This question is subject to a pending objection. Class load from FY 2007 through FY 2011 and FY 2013 includes information which is a competitive matter and contains proprietary customer information as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General. Class load for FY 2012 does not exist. Additionally, pursuant to an agreement between the parties, Austin Energy is not required to provide information for FY 2005 or FY 2006.

For the 2014 test year (normalized), please refer to Work Paper F- 6.1 in the Rate Filing Package. The work paper includes the Austin Energy coincident peak (CP) load and the ERCOT CP load in each month by customer class. Please see Attachment 1 for list of peak days by month.

Attachment 1: Austin Energy Monthly Peak Days (FY 2005 – FY 2014).

Prepared by: JL
Sponsored by: Mark Dombroski

Austin Energy, Test Year 2014

Date and Hour Ending of Peak Loads

	Austin Energy			ERCOT		
	Peak Load	Day of Week	Holiday	Peak Load	Day of Week	Holiday
October	10/3/13 15:59	Thu	No	10/3/13 15:59	Thu	No
November	11/25/13 18:59	Mon	No	11/25/13 18:59	Mon	No
December	12/10/13 7:59	Tue	No	12/10/13 7:59	Tue	No
January	1/7/14 7:59	Tue	No	1/7/14 7:59	Tue	No
February	2/6/14 18:59	Thu	No	2/6/14 7:59	Thu	No
March	3/3/14 7:59	Mon	No	3/3/14 7:59	Mon	No
April	4/28/14 16:59	Mon	No	4/28/14 16:59	Mon	No
May	5/30/14 14:59	Fri	No	5/30/14 15:59	Fri	No
June	6/30/14 16:59	Mon	No	6/30/14 15:59	Mon	No
July	7/29/14 15:59	Tue	No	7/21/14 15:59	Mon	No
August	8/25/14 16:59	Mon	No	8/25/14 15:59	Mon	No
September	9/10/14 16:59	Wed	No	9/10/14 15:59	Wed	No

Note: Central Standard Time

NXP/Samsung 1-11. Please provide all supporting workpapers and materials that were employed or relied upon by Austin Energy to develop demands by customer class.

ANSWER:

This question is subject to a pending objection. Supporting workpapers and materials that were relied upon to develop demands by customer class includes proprietary customer information as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

Prepared by: JL
Sponsored by: Mark Dombroski

NXP/Samsung 1-12. Please identify the source(s) of demands estimates by class. If load research studies were employed, please provide the following information for each class: (a) a definition of the class; (b) the time period from which the load research data was obtained; (c) the number of load research meters employed in the sample by load research strata; (d) a narrative description of the manner by which load research data was expanded to represent the class population; (e) any and all workpapers employed in developing these class demands; and (f) the source of the load research data if not specific to Austin Energy consumers.

ANSWER:

This question is subject to a pending objection.

Austin Energy's Load Research program is the source of demand estimates by class.

A. The definition for each class was derived from the utility's proposed tariff.

B. Load research data was based on fiscal year 2014 (October 2013 – September 2014).

C. Please see Attachment 1.

D. Sample data is used to calculate average hourly profiles for Austin Energy's customer groups, which are then multiplied by class populations to estimate class hourly loads. The class hourly loads are adjusted for estimated line losses and then summed and compared with Austin Energy hourly net-to-system load. The class hourly estimates are adjusted, except for fully metered classes (census), to match net-to-system loads in each hour. Additional discussion regarding the description of the manner by which load data was expanded to represent the class population is contained in the direct testimony of Beverly Bonavec in PUC Docket No. 40627. A copy of this testimony is available at the PUC's website: www.puc.state.tx.us.

E. See Response to NXP/Samsung 1-11. Supporting workpapers and materials that were relied upon to develop demands by customer class includes proprietary customer information as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

F. Austin Energy customers are the source of the load research data.

Attachment 1: Austin Energy sample size by customer class and strata.

Prepared by: JL
Sponsored by: Mark Dombroski

Load Research Meter Count by Customer Class

	102013	112013	122013	012014	022014	032014	042014	052014	062014	072014	082014	092014
Residential	285	291	308	306	308	308	311	307	307	305	306	302
Secondary Voltage												
<10 KW	122	129	128	125	131	127	125	125	126	126	124	119
10-299 KW	295	300	294	293	299	294	316	312	311	310	314	307
≥ 300 KW	211	210	209	209	208	211	197	202	204	207	208	211
Primary Voltage												
< 3 MW	60	61	61	60	62	61	60	59	60	60	60	60
≥ 3 < 20 MW	18	17	17	17	17	18	16	16	16	16	16	16
≥ 20 MW	4	4	4	4	4	4	4	4	4	3	3	3
Transmission Voltage												
< 20 MW	2	2	2	2	2	2	2	2	2	2	2	2
≥ 20 MW, 85%LF	1	1	1	1	1	1	1	1	1	1	1	1
Sport Lighting	7	7	7	7	7	7	7	7	7	7	7	7

Notes:
[1] In Primary Voltage ≥ 20 MW, two meters were combined into one starting in July 2014.

NXP/Samsung 1-13. Please provide copies of Austin Energy's most recent line loss study.

ANSWER:

Please refer to Appendix J of the Tariff Package.

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-14. Please provide copies of Austin Energy's most recent depreciation study.

ANSWER:

Austin Energy is unaware of any depreciation study within its possession. Under the cash flow methodology depreciation expense does not have an impact on the revenue requirement. Accordingly, no study was necessary for the 2015 Cost of Service Study. Additionally, the Public Utility Commission approved Austin Energy's Depreciation Expense in its most recent TCOS proceeding, *Application of City of Austin d/b/a Austin Energy to Change Rates for Wholesale Transmission Service*, PUC Docket No. 31462, Final Order, FOF 13, 13A, June 9, 2006. Lastly, these rates were approved again by the PUC in Austin Energy's most recent interim TCOS filing, *Application of Austin Energy d/b/a Austin Energy for Interim Update of Wholesale Transmission Rates Pursuant to PUC Subst. R. §25.192(h)(1)*, PUC Docket No. 42385.

Prepared by: RM
Sponsored by: Mark Dombroski

NXP/Samsung 1-15. Please provide a list of Austin Energy's test year energy efficiency programs, the classes eligible to participate in each program, and the amount of money Austin Energy spent by program in the test year.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

	Test Year 2014	Eligible Rate Class*
Air Conditioning Rebates	$1,614,201	3
Appliance Efficiency Program	$31,240	3
Clothes Washer Rebates	$1,100	3
Commercial Power Partner	$70,122	4,5
Commercial-Exisit Construction	$2,469,569	4,5
Compact Flourescent Distrib.	$6,000	3
Energy Efficiency Services Administration Expenses	$7,179,365	
Free Weatherization	$509,566	3
Green Building	$2,180,273	3,4,5
Home Performance w Energy Star	$2,754,305	3
Load Coop	$187,233	4,5
Loan Options	$351,576	3
Multi-Family Rebates	$2,507,220	3,4
Municipal Conservation Program	$32,284	3
Nexus-Home Audit Cd	$34,637	3
Rebate Options	$0	3
Refrigerator Recycle Program	$346,693	3,4,5
Residential Incentives	$123,000	3
Residential Power Partner-Aggr	$1,124,518	3
Small Businesses	$2,989,386	4
Solar Administration Expenses	$824,400	
Solar Program	$7,437,836	3,4,5
	$32,774,524	
*Rate Class Category		
3 - Residential		
4 - Secondary Voltage		
5 - Primary Voltage		

These costs are budget-based and will not, therefore, reconcile directly to the rate filing package.

Prepared by: CG
Sponsored by: Debbie Kimberly

NXP/Samsung 1-16. What does Austin Energy plan (or budget) to spend in FY 2015-2016 by rate class for energy efficiency programs?

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

Austin Energy does not budget by rate class. The budgeted spending for FY 2016 is $34,816,618 for energy efficiency, solar and green building.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-17. Are any costs related to the Company's GreenChoice program subsidized by rates, charges or fees collected from any other rate class, rider, or tariff schedule? If yes, please identify the amounts of such subsidies, and the sources and uses of such subsidies by rate class.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

No. The GreenChoice program is a retail product offered to customers who wish to support the inclusion of renewable fuel sources in Austin Energy's power generation portfolio.

Prepared by: CG
Sponsored by: Debbie Kimberly

NXP/Samsung 1-18. Please provide the revenues by type (e.g., base rate, miscellaneous service, power supply adjustment, etc.) by rate class.

ANSWER:

Revenues before billing adjustments by type and by rate class can be found on Schedule H-5.3. Proposed base rate revenue after billing adjustments is located on WP G-10.2.

Non-rate revenue is found on Schedule E-5. It is functionalized and classified by rate class on Schedules G-1 through G-6.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-19. Provide a "proof of revenue" that supports the level of revenue recovered by Austin Energy's proposed rates. This proof of revenue should include the billing determinants by rate, the present and proposed rates by rate schedule, and any other information and/or calculations employed to determine the revenues that are expected to be recovered by Austin Energy's proposed rates. In addition, demonstrate that the billing determinants employed to develop Austin Energy's proposed rates produce the utility's present adjusted revenue by multiplying the billing determinants by present rates.

ANSWER:

The information that is being requested, 'proof of revenue', can be found within the 'AE RFP' model under the following sheet names:

- Schedule G-10
- WP G-10.1
- WP G-10.1.1
- WP G-10.2
- Schedule H-5.1
- Schedule H-5.3
- Schedule H-5.5
- WP H-5.1
- WP H-5.2
- WP H-5.3
- WP H-5.4
- WP H-5.5
- WP H-5.6
- WP H-5.7
- WP H-5.8
- WP H-5.9
- WP H-5.10
- WP H-5.11
- WP H-5.12
- WP H-5.13
- WP H-5.14

Additional information is found at 'Austin Energy's Tariff Package' for 'Cost of Service Model – Redacted' at pages 243-347 of 347 (Bates stamp 1002-1106).

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-20. With respect to the class cost allocation study employed by Austin Energy, please provide an explanation for the use of each allocator, as well as all documents concerning the calculation of the numerical values of the allocators.

ANSWER:

An explanation for the use of each allocator was provided within 'Austin Energy's Tariff Package: 2015 Cost of Service Study and Proposal to Change Base Electric Rates' under Chapter 5, starting at page 5-1 (Bates stamp 104).

As for the calculation of the numerical values of the allocators, these are provided within the 'AE RFP' model under the following sheet names:

- Schedule F-1
- WP F-1.1
- WP F-1.2
- WP F-1.3
- WP F-1.4
- WP F-1.5
- WP F-1.5.1
- WP F-1.6
- WP F-1.6.1
- WP F-1.7
- WP F-1.8
- WP F-1.9
- WP F-1.10
- WP F-1.11
- WP F-1.12
- WP F-1.13
- WP F-1.14
- Schedule F-2
- WP F-2.1
- WP F-2.2
- WP F-2.3
- WP F-2.3.1
- WP F-2.3.2
- WP F-2.4
- Schedule F-3
- Schedule F-4
- WP F-4.1
- Schedule F-5
- Schedule F-6
- WP F-6.1
- WP F-6.1.1
- WP F-6.1.2
- WP F-6.1.2.1
- WP F-6.1.3
- WP F-6.2
- WP F-6.3

Additional information is found at 'Austin Energy's Tariff Package' for 'Cost of Service Model – Redacted' at pages 148-186 of 347 (Bates stamp 907-945).

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-21. Please provide a detailed explanation of the rationale of each decision to set each rate class's target revenues above or below their cost of service.

ANSWER:

The cost of service results show some customer classes deviate from cost of service. Austin Energy has not recommended specific adjustments to bring customer classes to within an explicit range bounding cost of service. In the 2012 rate review, Austin Energy articulated an objective that all classes of customers fall within plus or minus 5 percent of cost of service. The outcome of the test year 2014 results shows the challenge of achieving a specific cost of service goal. There were many substantive changes in the rates adopted by Council in 2012 in addition to the general rate increase, including introduction of tiered residential rates, greater emphasis on seasonality, shift toward demand rates for commercial customers, and redesign of the various pass through charges. Customers have responded to the price signals embedded in the new rate structure, but the outcome did not restore all customers to within plus or minus 5 percent of cost of service. In this cost of service analysis and rate review, staff has not proposed a specific target to cost of service for all customer classes.

Instead, the rationale for Austin Energy's proposal to set rates for each customer class with respect to its cost of service is discussed in section 5-26 of Austin Energy's Tariff Package. In developing its recommendations, staff considered the summary impact of the proposed adjustments to base rates and the forecasted adjustments to pass through charges that the Council will consider in the upcoming fiscal year 2017 budget. The proposed customer class revenue requirement was developed with an underlying objective that no customer class incur a revenue increase, taking into account proposed base rate adjustments and forecasted pass through charges. The exception to this principle was for the Transmission 2 class, which is required by tariff to be set at cost of service.

The cost of service analysis shows that the Residential class and the S1 class are below cost of service in the test year; therefore, no portion of the proposed $17.5 million reduction is recommended to be directed to those classes. While the cost of service indicates that the remaining secondary and primary classes are above cost of service, the Secondary Voltage 2 (S2) class is the furthest above cost of service. Therefore, a majority of the $17.5 million reduction is recommended to be directed to the secondary voltage classes, with the largest portion of that to the S2 class. The remainder of the $17.5 million reduction is proposed for the primary classes. The allocation of the remainder among the primary classes recognizes that the Primary 2 (P2) class is forecasted to receive an increase in the Regulatory Charge, if the staff proposal to levelize the charge is adopted by Council. Therefore, a greater portion of the proposed reduction to primary customers is directed to P2.

The rates should also show a logical progression as customer usage increases across the customer classes. The final recommendation to allocate the proposed reduction to each customer class reflected staff's assessment of a logical relationship of demand and energy rates from class to class, as demand and usage rise progressively across the classes.

Austin Energy staff has recommended some additional modifications to the rate structure adopted in 2012, including eliminating seasonality in the base rate and flattening the residential

rate tiers. Once customers have begun to respond to these changes, along with the proposed $17.5 million reduction to commercial classes, the path to achieving cost of service may become more predictable. Whether there should be a specific target range around cost of service is a public policy issue of interest to all segments of the community. Austin Energy has not made a specific recommendation on an appropriate target or timeline, but anticipates that this will be an issue of interest to the participants and the Council in this process.

Prepared by: MKD
Sponsored by: Mark Dreyfus

NXP/Samsung 1-22. Please provide any documents concerning the decision to set each rate class's target revenues above or below their costs of service.

ANSWER:

AE's intent is to set the contract Primary (PRI-4) and Transmission (TRAN-2) rates at unity Cost of Service. Austin Energy's Tariff Package, specifically section 2.5, discusses the use of the current rate surplus to reduce non-residential base rates that are above cost of service. There are no documents responsive to this request.

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-23. Please provide any documents, including emails, papers, letters, notes, communications or files relating to or discussing Austin Energy's rate design objectives, goals, or issues.

ANSWER:

Information responsive to this request may be found at Austin Energy's Tariff Package, sections 2.5 ("Rates and Rate Design Overview"), 2.5.1 ("Proposed Changes to Rate Design") and all of Section 6 ("Rate Design Modifications"), discuss Austin Energy's rate design objectives, goals and issues.

Please refer to Appendix B in Austin Energy's Tariff Package for a white paper titled "Austin Energy's Rate Design Philosophy." Appendix C contains a report titled "Small Commercial Customer Demand Charge Study" that discusses the justification for decreasing the non-demand tariffs maximum demand to 10 kW. Appendix L contains a report that reviewed the demand tiers for secondary rate classes in the current rate review, titled "Secondary Voltage Classes."

Finally, attached are the emails, notes and other items staff created during the development of the rate package that included discussion of rate design objectives, goals or issues.

Attachment 1: Emails, notes and other items staff created during the development of the rate package that included discussion of rate design objectives, goals or issues

Prepared by: JHO
Sponsored by: Mark Dombroski

From: Cullick, Robert
Sent: 1/26/2016 5:51:00 PM
To: Dreyfus, Mark; Maenius, Russell (Rusty); Davis, Kerri; Dombroski, Mark; Kimberly, Deborah (Debbie)
Cc: Smith, Thomas (Tommy)
Subject: New BOMA presentation
Attachments: Dombroski Rates presentation.pptx;

Thanks, all.

Attached is a new BOMA presentation, reduced in size. Slide 26 is the last slide Mark Dombroski intends to use in the presentation. I have some clean up work to do on the KA deck, including comments below.

RDC

From: <Dreyfus>, Mark Dreyfus <Mark.Dreyfus@austinenergy.com>
Date: Tuesday, January 26, 2016 at 4:12 PM
To: Rusty Maenius <Rusty.Maenius@austinenergy.com>, "Davis, Kerri" <Kerri.Davis@austinenergy.com>, Mark Dombroski <Mark.Dombroski@austinenergy.com>, Robert Cullick <Robert.Cullick@austinenergy.com>, Debbie Kimberly <Debbie.Kimberly@austinenergy.com>
Cc: "Smith, Thomas (Tommy)" <Tommy.Smith@austinenergy.com>
Subject: RE: BOMA & KA Presentation

Kerri/Rusty,

Slide 11: Delete the second bullet. Not sure what that means. And all in all, I think that explanation is a bit loose. Maybe just delete slide 11 altogether.

Slide 27: The "Next Steps" slide is out of date—it was timely yesterday, but not today.

Slide 23: The phrasing in the last bullet that reads: "for all commercial customers receiving a discount" came off yesterday as confusing to some of the commissioners. They thought it referred to additional discounts. This

bullet should be more clear that it's referring to the above bullet list. Maybe the change is as simple as "for all these commercial customers..."

Slide 20: I'm afraid that the audience will become distracted with this result and take away from the rest of the presentation. Consider deleting.

Thanks Mark

Mark Dreyfus | Vice President, Regulatory Affairs & Corporate Communications | Austin Energy
721 Barton Springs Rd. | Austin, TX 78704-1145 | (512) 322-6544 (office)

From: Maenius, Russell (Rusty)
Sent: Tuesday, January 26, 2016 3:18 PM
To: Davis, Kerri; Dombroski, Mark; Cullick, Robert; Kimberly, Deborah (Debbie); Dreyfus, Mark
Cc: Smith, Thomas (Tommy)
Subject: RE: BOMA & KA Presentation

Kerri,

I have added slide 20 and modified slides 8 and 11. Slide 20 has all the data but may need some window dressing. Also, the concepts are on slides 8 and 11 but if you want to modify the language, feel free.

Rusty << File: RM_2016 BOMA Rates Presentation.pptx >>

From: Davis, Kerri
Sent: Tuesday, January 26, 2016 12:03 PM
To: Dombroski, Mark; Cullick, Robert; Maenius, Russell (Rusty); Kimberly, Deborah (Debbie); Dreyfus, Mark
Cc: Smith, Thomas (Tommy)
Subject: BOMA & KA Presentation

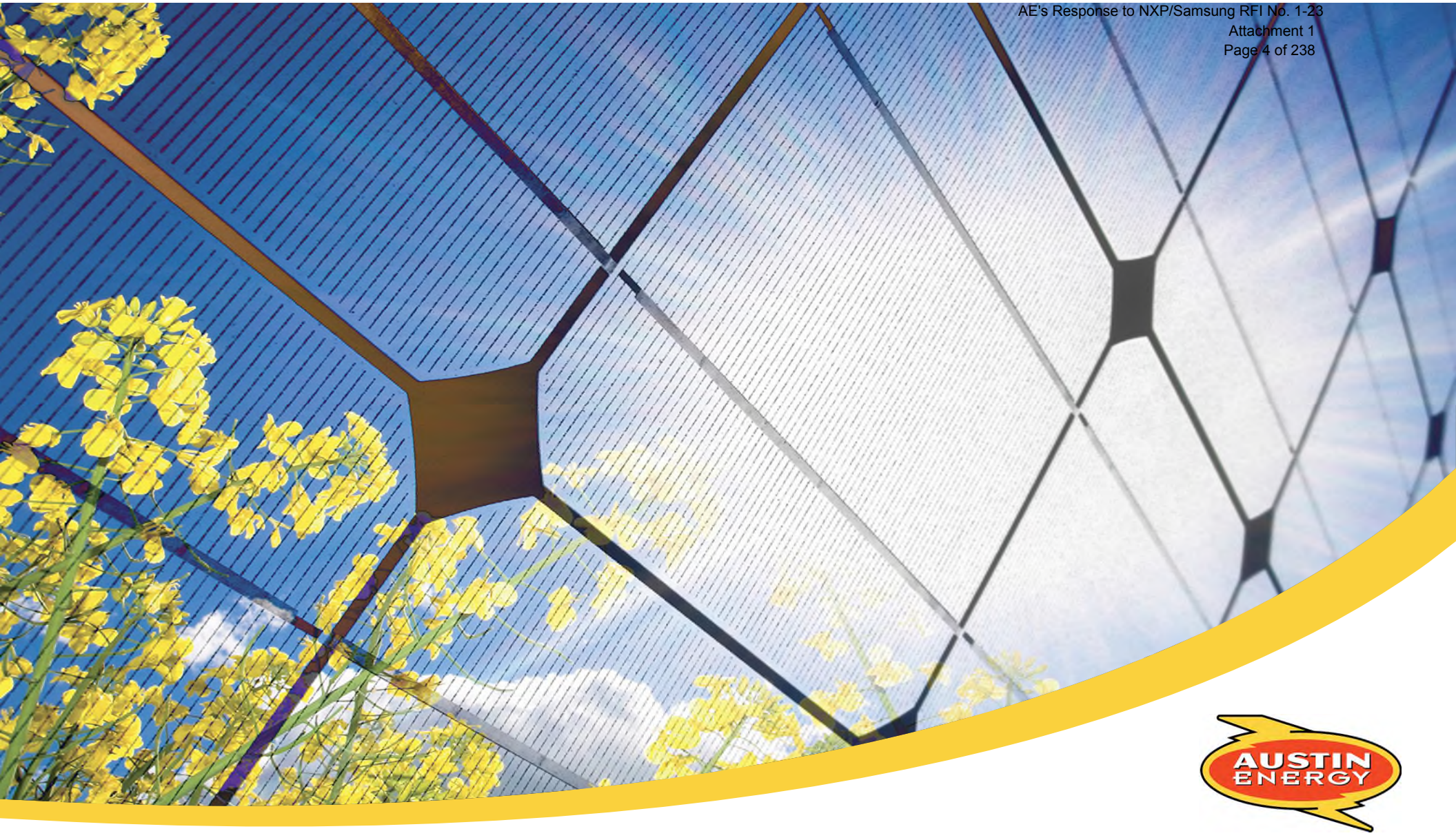
Below is the link to a draft of Mark Dombroski's presentation to BOMA tomorrow. Rusty, can you please add some info on what we have done to cut or control cost recently and verify a number in red. Mark, I know you have slides we discussed adding.

H:\SWatt Team\2016 Rate Review\2016 BOMA Rates Presentation.pptx

Thanks,
Kerri

Kerri Davis | Manager, Commercial & Key Accounts | Austin Energy

721 Barton Springs Rd. | Austin, TX 78704 | (512) 322-6574



Simpler, More Proportional Electric Rates

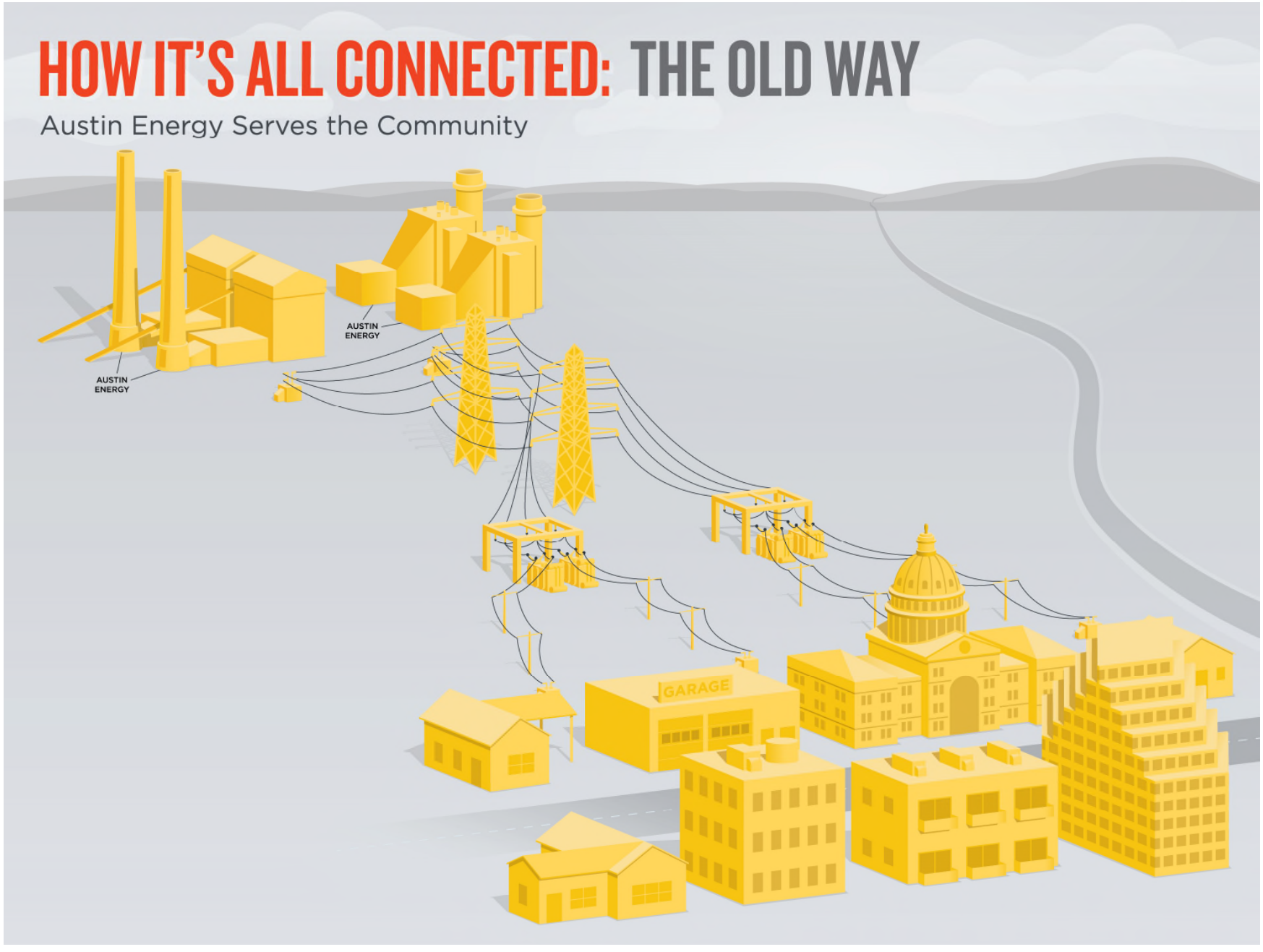
2016 Rate Design Briefing for Austin Energy Customers

January 2016

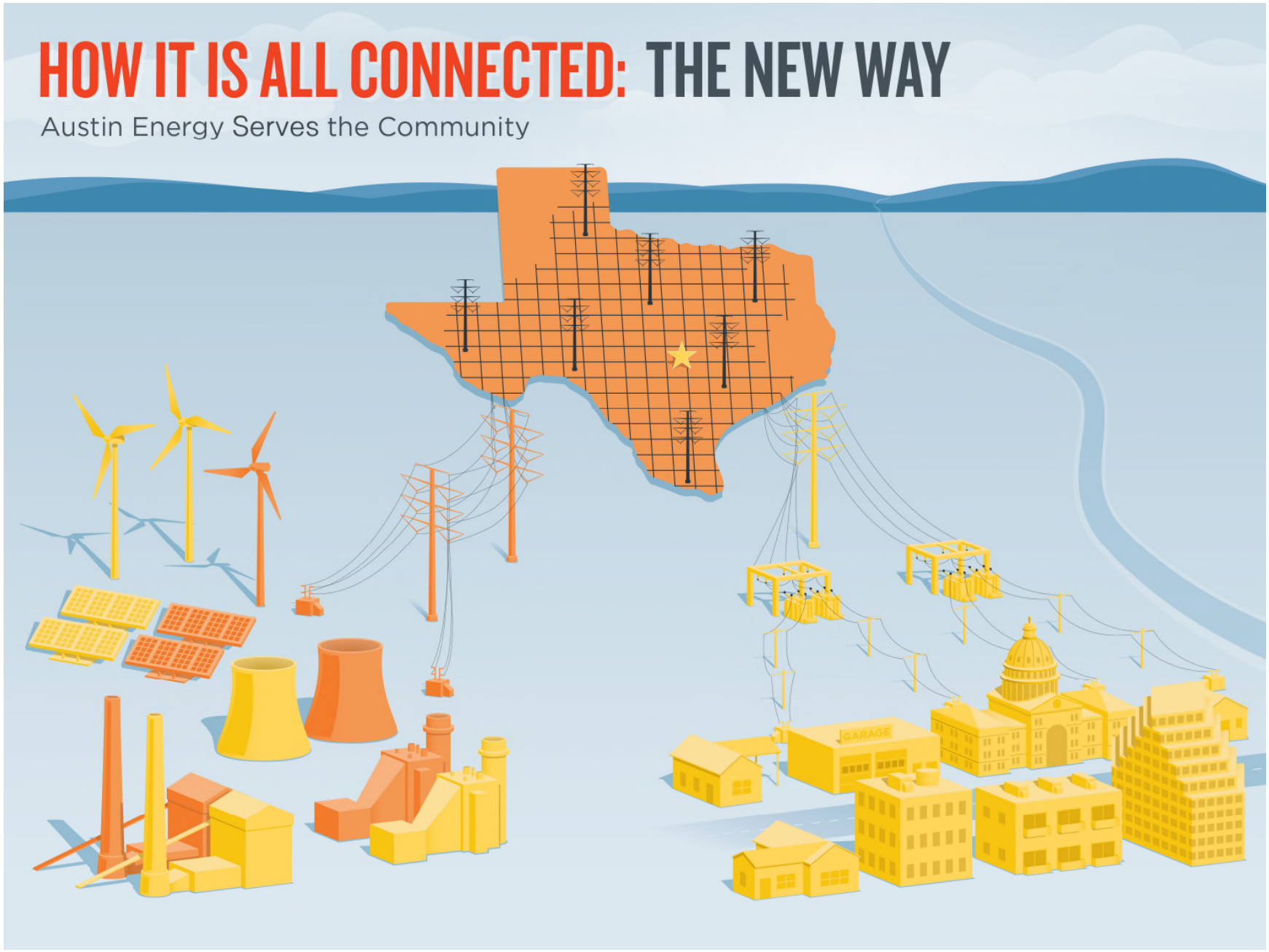
Overview for BOMA

Mark Dombroski; Interim General Manager and CFO

Austin Energy's Old Market Environment



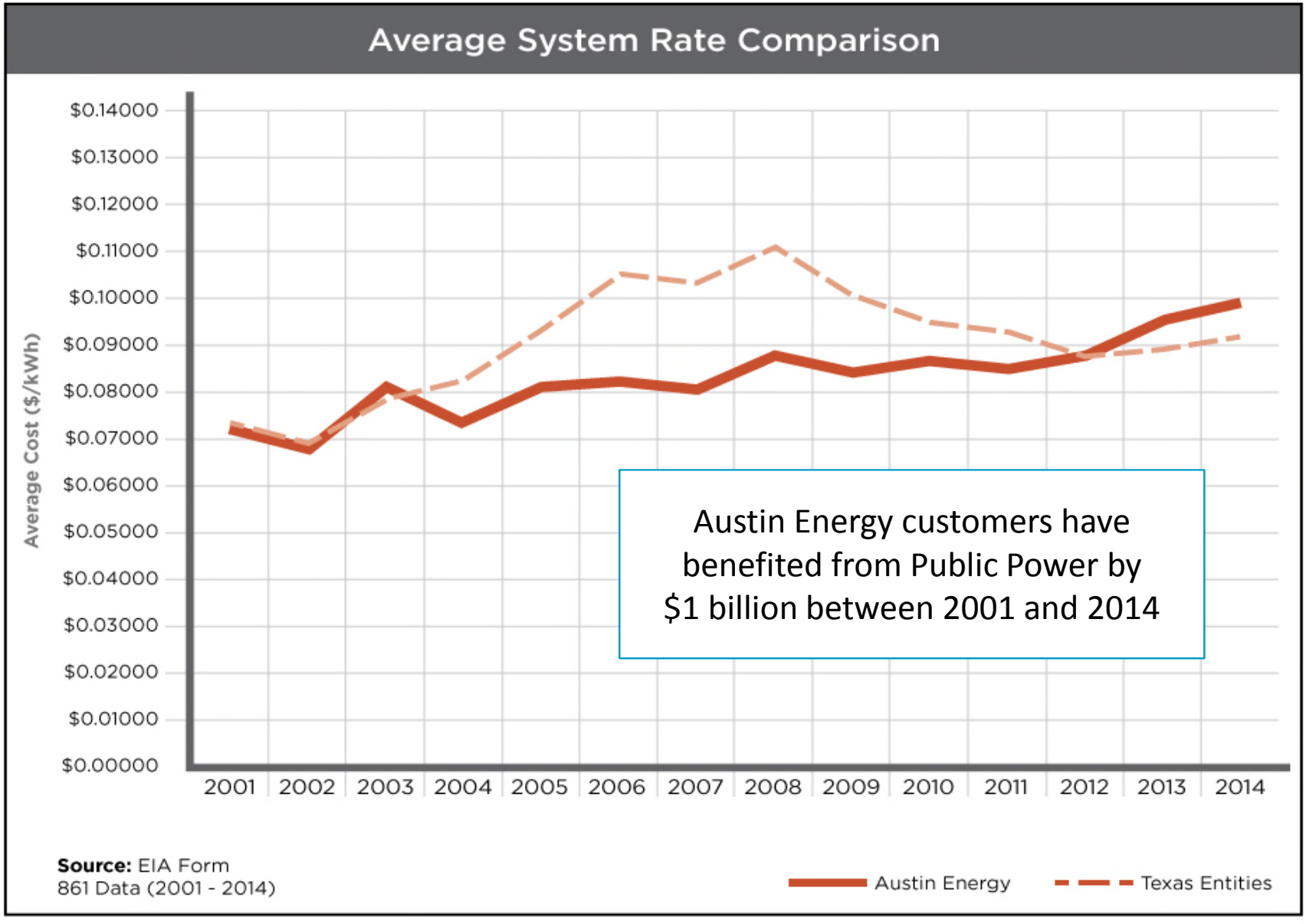
Austin Energy's New Competitive Market Environment

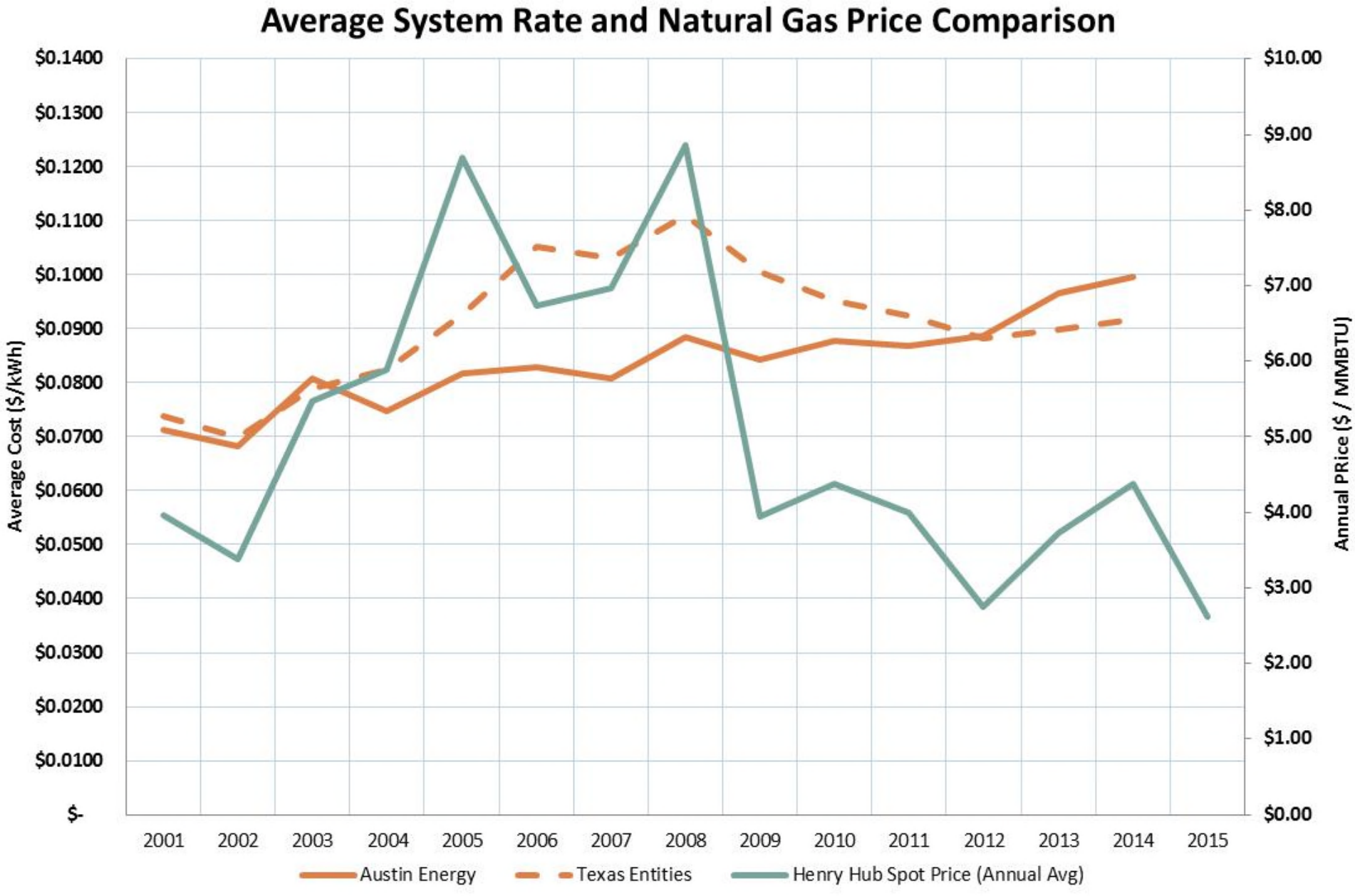


Unlike Other Parts of Texas, Rates Reflect Community Values

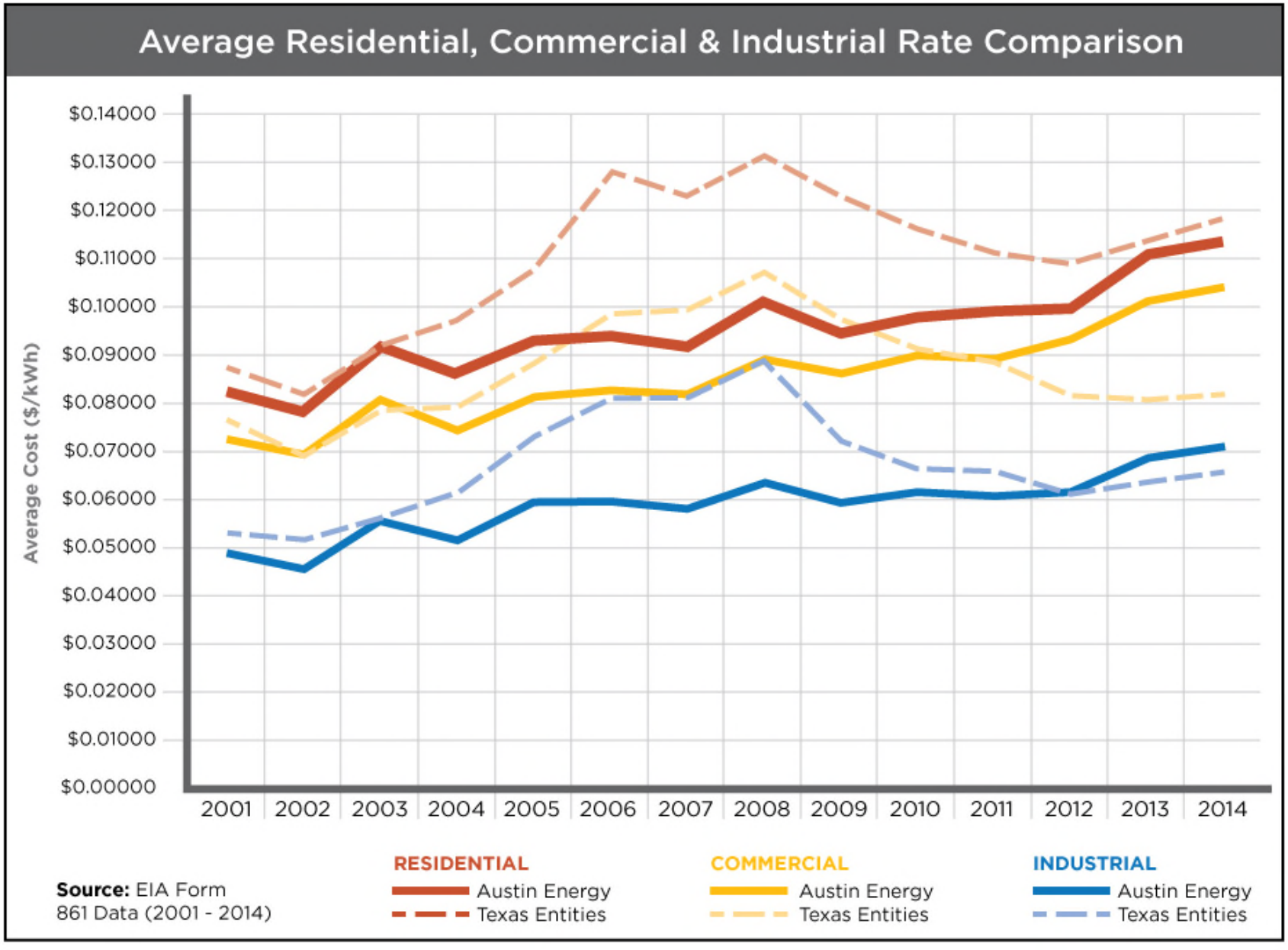
- Austin Energy is one of two large, city-owned utilities in Texas that provide full electric services
- 3rd largest in U.S., after San Antonio and Los Angeles
- State law allows the Austin City Council to set rates, serve a specified area without competition
- Austin's values are:
  - Affordable and competitive rates (lower 50%)
  - Rates that reflect cost of service
  - High reliability and excellent customer service
  - 5X current renewable content as the State as a whole by 2025
  - Exceptional energy efficiency and weatherization
  - Unmatched discounts for low-income customers
  - General Fund Transfer ($105 million) as a dividend

Rates Fail to Meet Competitiveness Goal

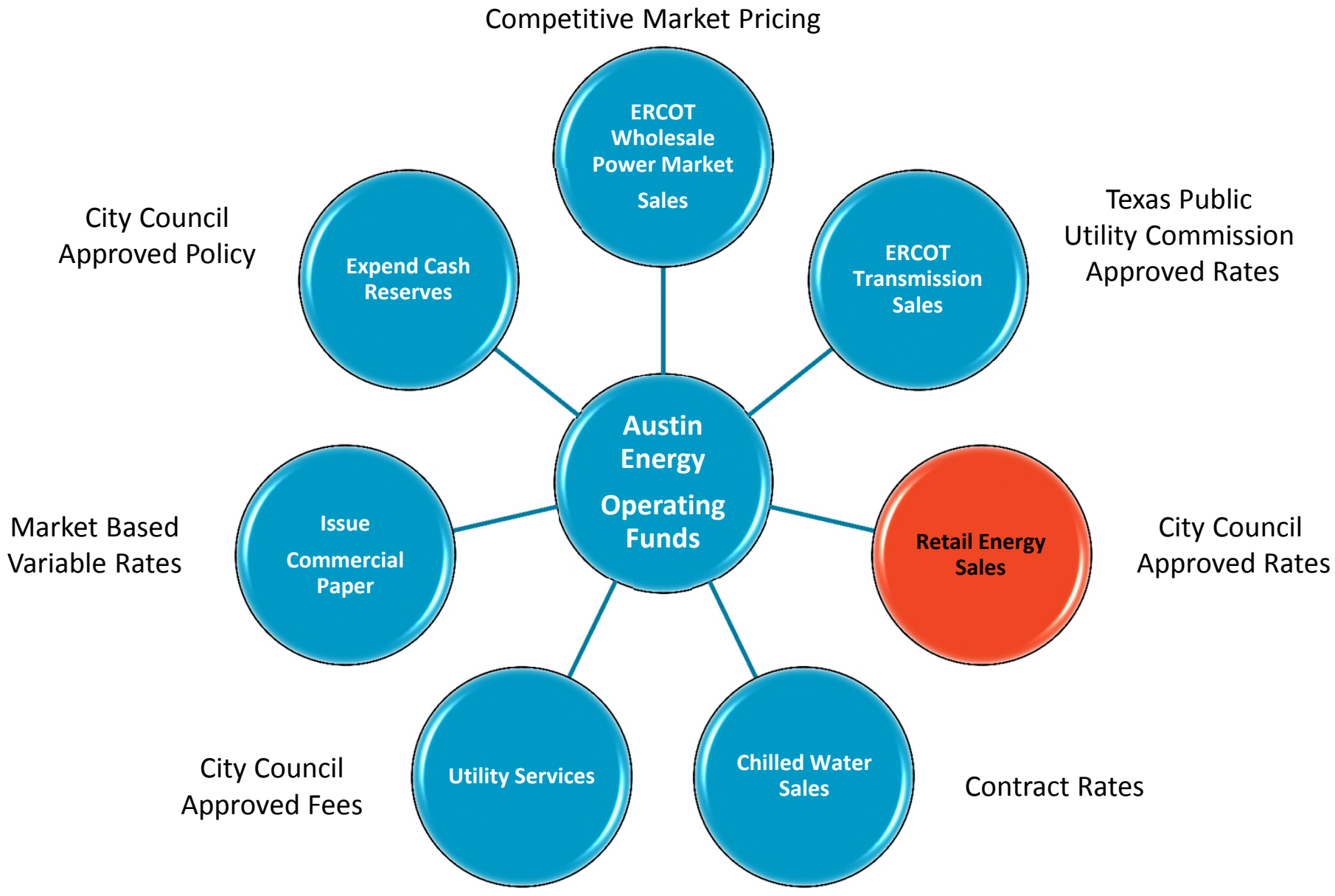



Average System Rate and Natural Gas Price Comparison
$0.1400
$0.1300
$0.1200
$0.1100
$0.1000
$0.0900
$0.0800
$0.0700
$0.0600
$0.0500
$0.0400
$0.0300
$0.0200
$0.0100
$-
Average Cost ($/kWh)
$10.00
$9.00
$8.00
$7.00
$6.00
$5.00
$4.00
$3.00
$2.00
$1.00
$0.00
Annual PRice ($ / MMBTU)
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
Austin Energy
Texas Entities
Henry Hub Spot Price (Annual Avg)

Residential vs. Commercial Competitiveness

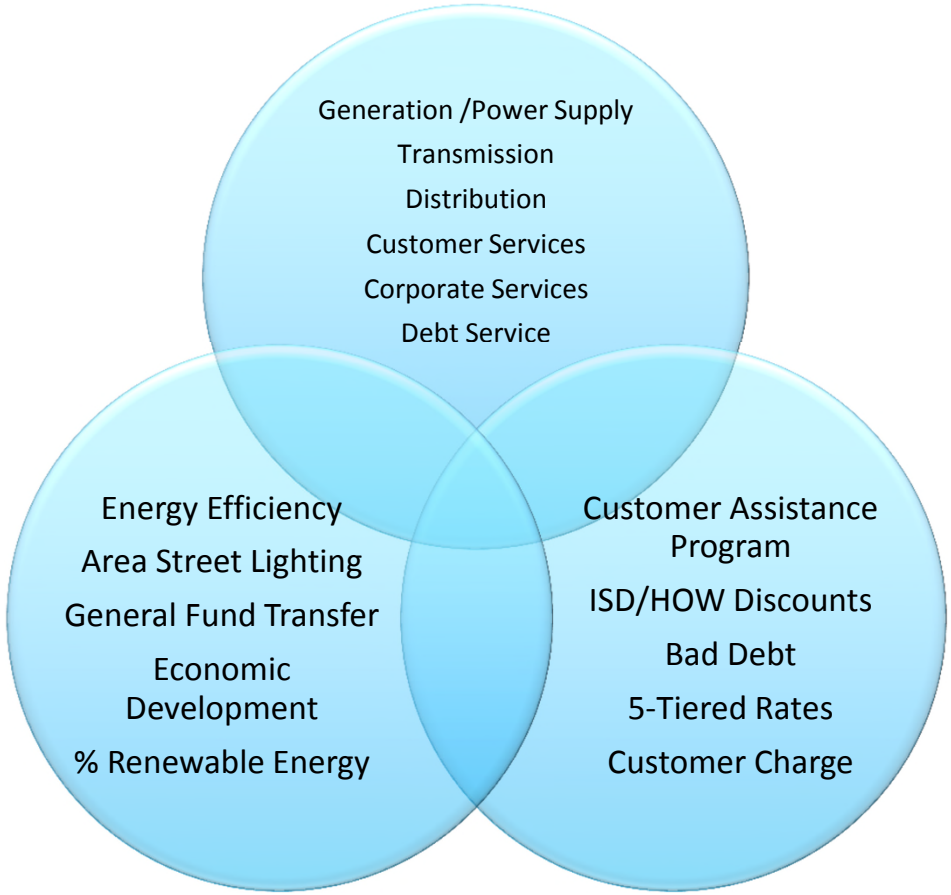


Austin Energy's Major Funding Sources



Costs, Subsidies and Policy

Costs directly associated with utility operations

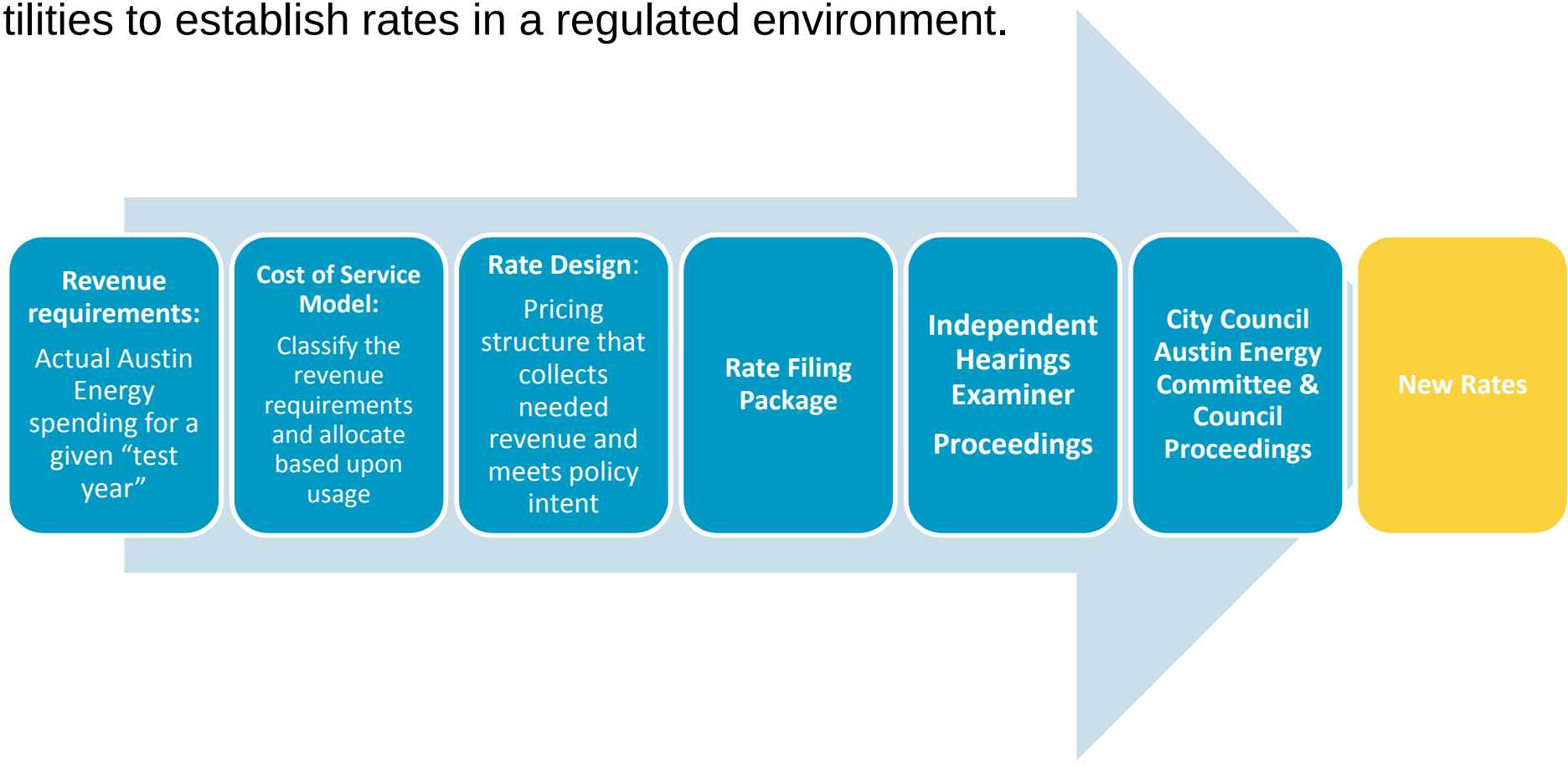


Costs associated with public policy

Shifting of costs (subsidies) associated with public policy

Austin Energy Retail Rate Making Process

Austin Energy uses the embedded cost methodology to set retail rates. This method uses historic costs, analyzes how those cost were incurred, makes adjustments for known and measurable differences and sets rates to recover those costs from the customers. This is the most common method used by utilities to establish rates in a regulated environment.



Why Now?

- We said we would revisit rates every 5 years; last test year was 2009
- Things changed
  - Nodal market began
  - Average residential use dropped substantially; many more multifamily units
  - Added tens of thousands of customers
- We can reduce base rates <u>now</u>
- We need to continue to make progress bringing proportionality to cost of service and becoming more competitive

Disposition of the 2012 Rate Increase

- 3 fiscal years of positive net income strengthened financial position.
- Resulting credit rating increase by Standard & Poor's Financial Services from "A-" to "AA-" lowers interest when borrowing.
- Keep up with growth: Some $50 million in transformers and $30 million in distribution improvements to meet residential growth. Another $18 million used on commercial growth; $10 million on downtown network.
- Improve reliability: Completed Mueller, Stoney Ridge, Elroy and Dunlap substations and upgraded Garfield, Jett and Salem Walk substations.
- Built reserves as promised: Transfers of $44 million in FY 2015 to Austin Energy's strategic reserves and $45 million in FY 2016 provide contingencies.

What We Have Done To Control Costs

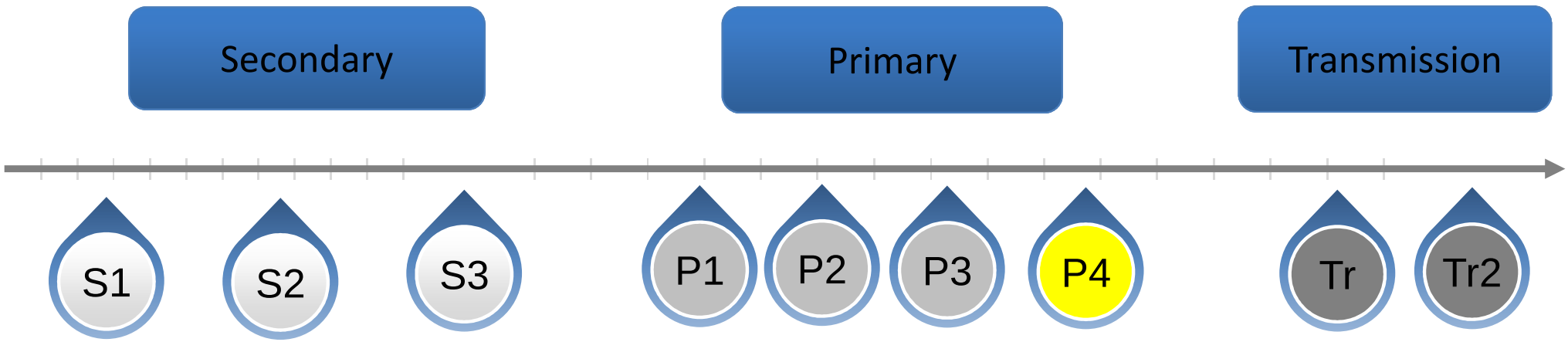
- Flat full-time employee count while number of customers have increased
- Refinanced debt with lower interest rates
- Reasonable debt/equity financing of capital improvements reduces debt service
- Increased line extension fees
- Reduced administrative costs associated with energy efficiency and increased energy efficiency offerings

Today's Challenges

- We can cut $17.4 million and still meet City goals
- Proportionality: Some classes are 12-15% out of cost-of-service
- Collect too much fixed costs in variable rates
- This review is more about who pays than how much is collected in rates
- City wants wide community participation in process

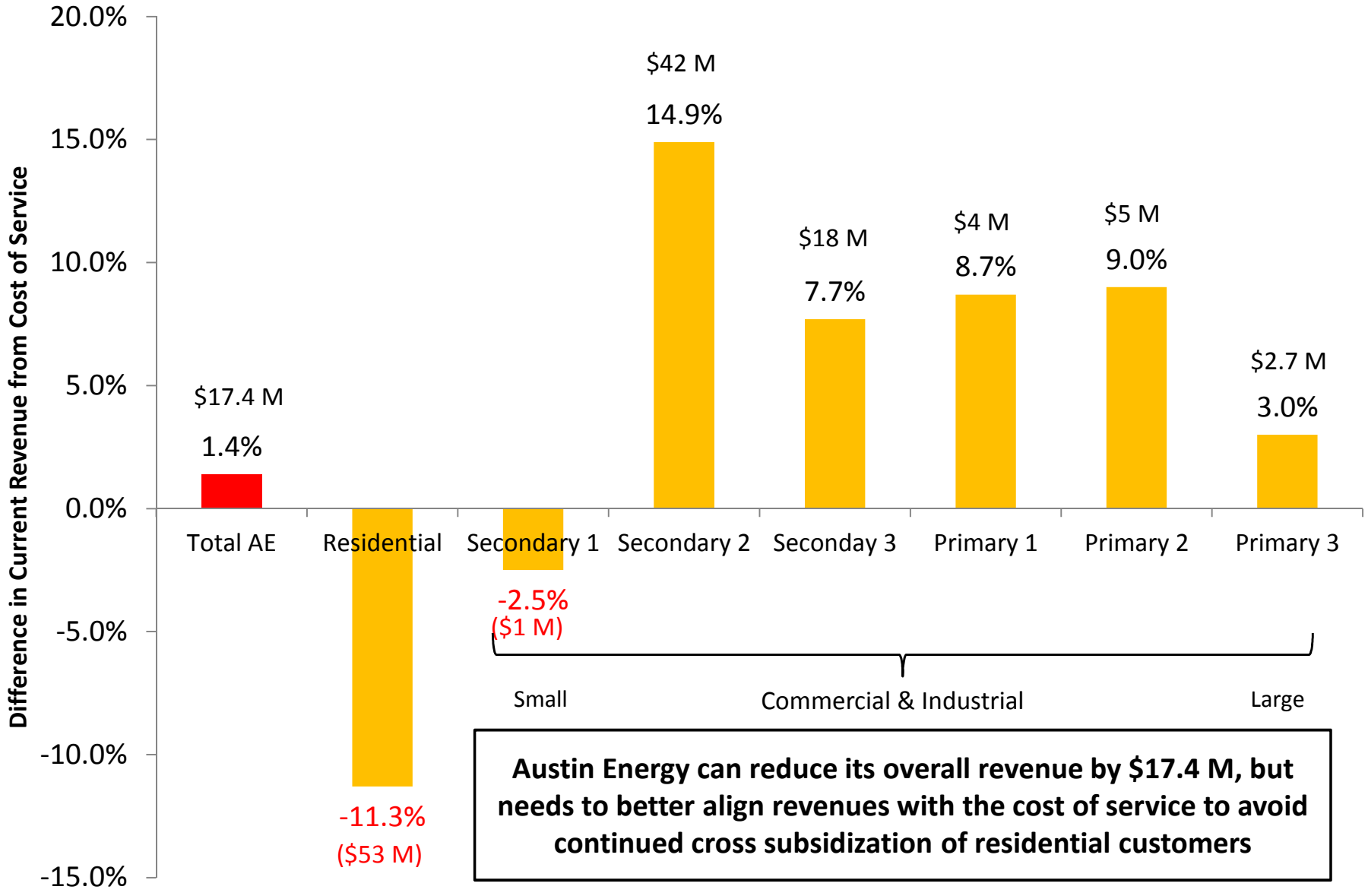
Community values, community involvement

~50,000 Commercial Customers



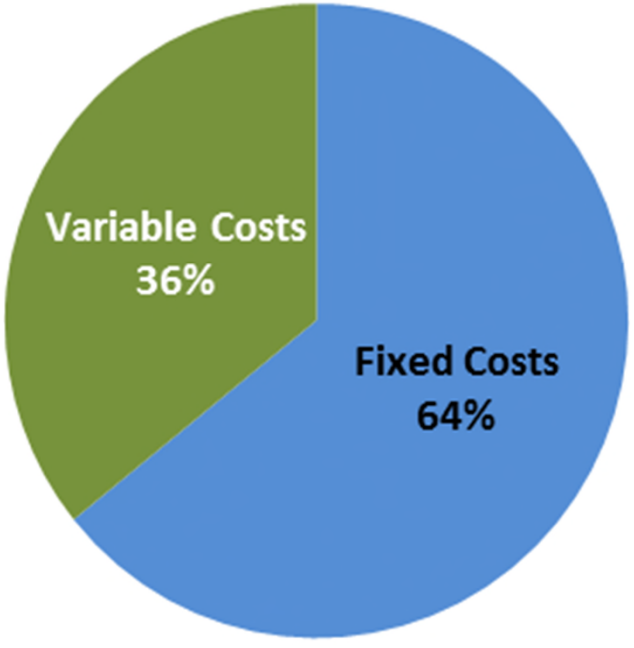
Small <10 kW	**Medium** 10-50 kW	**Large>** 50 kW	**Small** <3 MW	**Medium** 3-20 MW	**Large** >20 MW	**Large Industrial** >20 MW @ 85% LF	**Trans** <20MW	**Large Trans** >20 MW @ 85% LF
# of Customers								
29,432	14,372	5,420	117	19	2	0	3	1

Rate Proportionality Remains a Concern

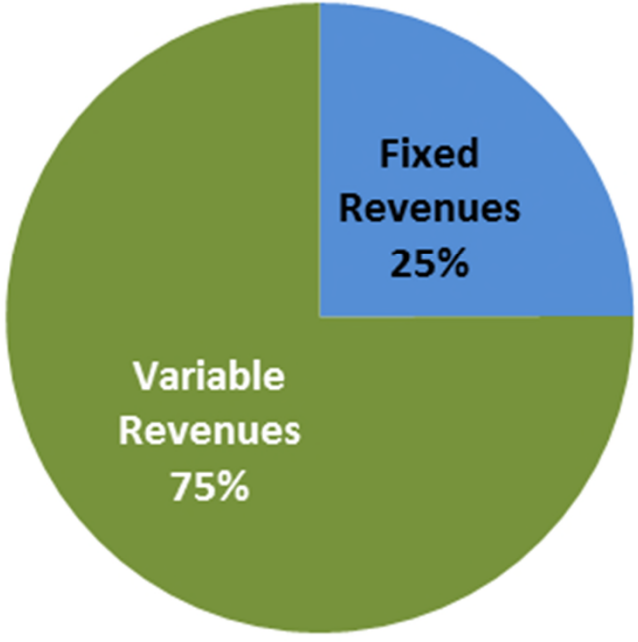


Over-reliance on Variable Revenues

TY2014 Expenses



FY2014 Customer Revenues



Low fixed cost recovery contributes to revenue instability.
Declining consumption aggravates long-term stability.

Focus on Cost of Service

- Residential, as a group, below cost of service
  - 80% of residential electricity is delivered below cost of service
  - High-use residential above cost of service
- Medium, large businesses and manufacturing above cost of service

Community values, community involvement

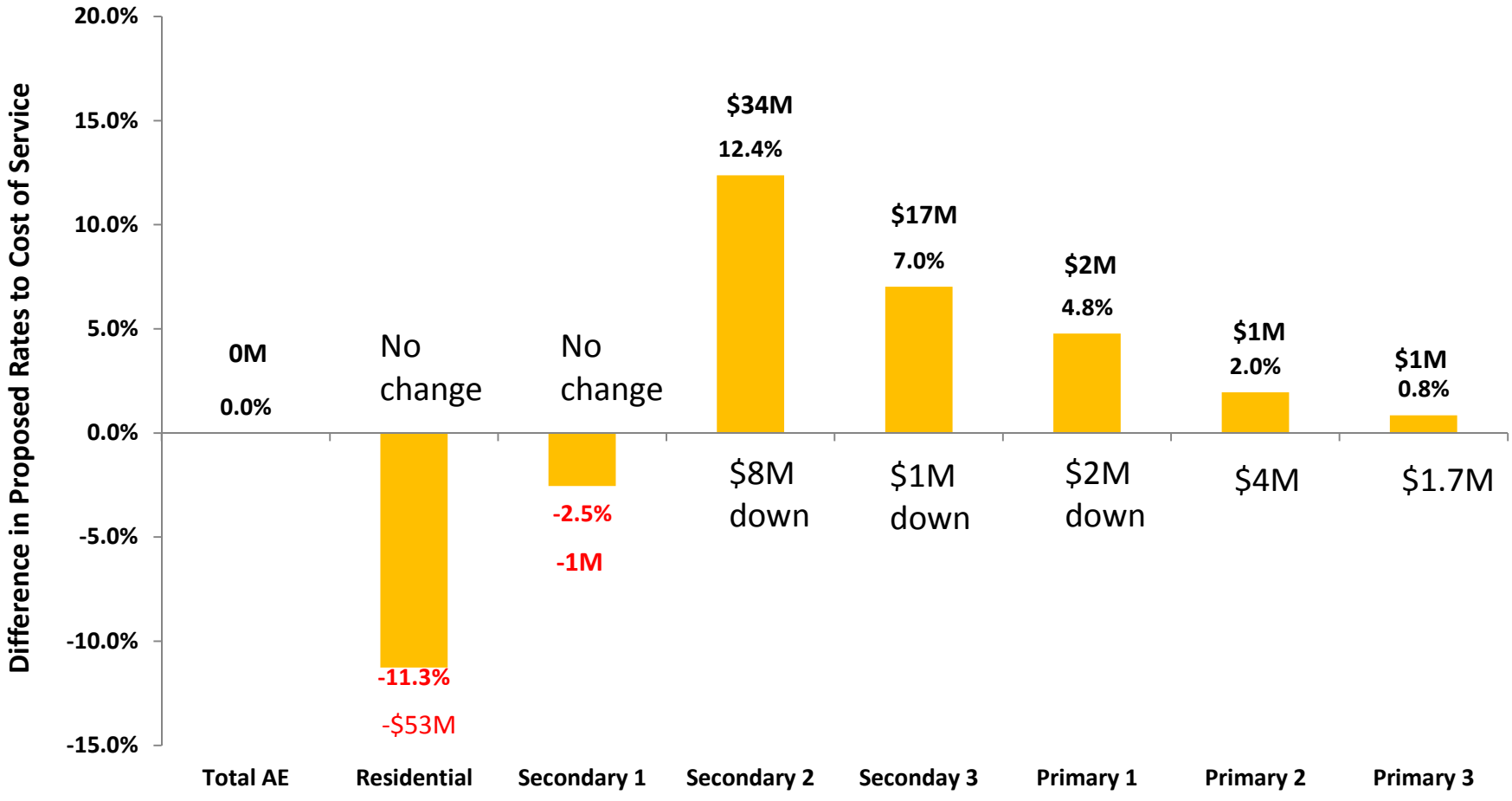
Key Recommendations for Commercial Customers

- End seasonal base rates; establish seasonal Power Supply Adjustment
- For S2 and S3, establish a load factor floor for customers of 20 percent load factor.
  - 3,300 customers in S2
  - 30 customers in S3
  - Shift of $7 million from low load factor customers to higher load factor customers.
- New definitions of Secondary 2 from (10 to < 50 KW) to (10 to < 300 KW) and Secondary 3 (300+ KW)
- Add uniformity among classes for pass-through charges (Regulatory Charge, Community Benefit Charge, and Power Supply Adjustment Charge).

Commercial Discounts

- Maintain existing discount for Independent School Districts.
- Provide State account discount at conclusion of current contract.
- Add discount for military bases.
- Conclude transition providing rate discount for house of worship accounts, discontinuing the house of worship rate.
- For all commercial customers receiving a discount, set discounts in a uniform manner, at 20 percent off of base rates.

Impact of Proposal on Cost of Service

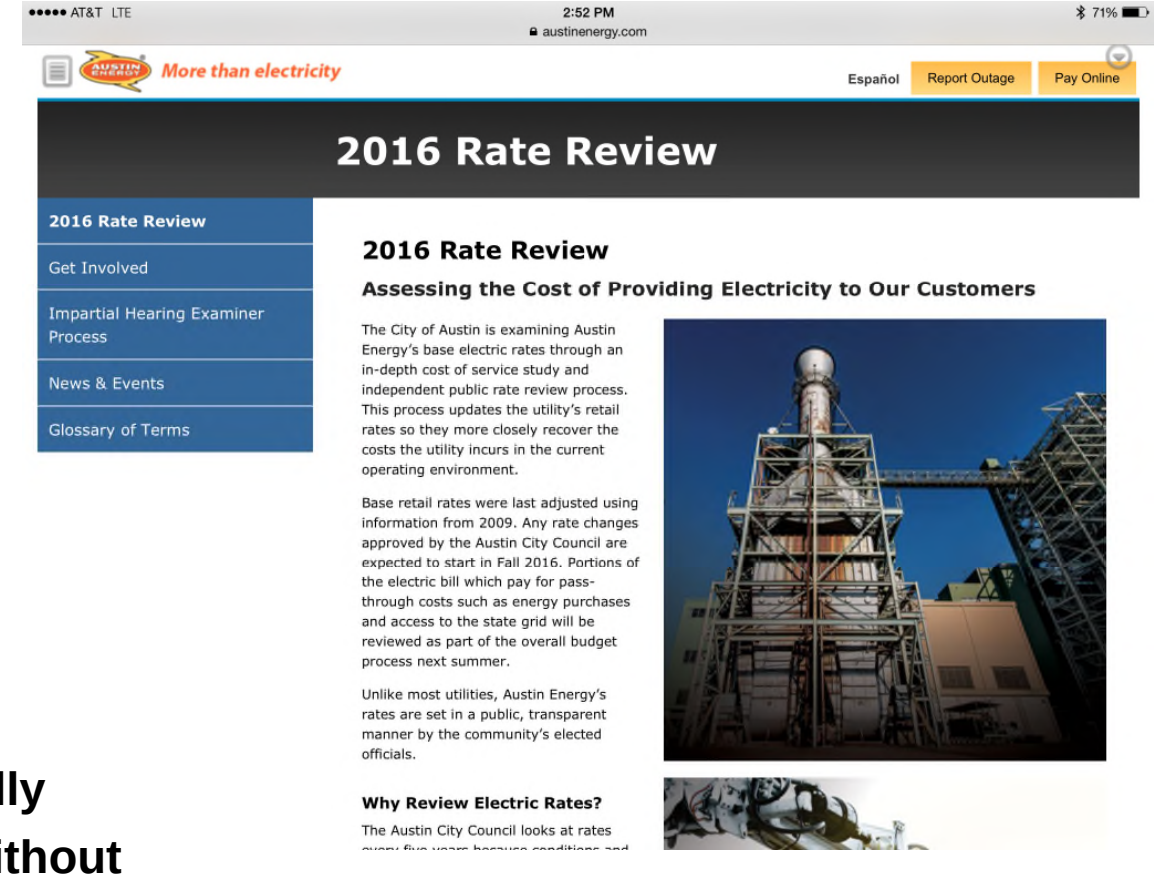


Current Schedule Highlights

- December 14, 2015—Electric Utility Commission briefing on Revenue Requirement and Cost of Service
- December 15, 2015—City Council Work Session briefing
- January 14, 2016—Pre-hearing conference
- January 25, 2016—Utility Oversight Committee briefing on rate design recommendations
- January 25, 2016—Release of AE's Rates Report to Council
- January 25, 2016—EUC briefing on rate design recommendations
- End January, 2016—Begin proceedings before Impartial Hearings Examiner
- May 6, 2016—Impartial Hearings Examiner recommendations report released
- May & June 2016—**Recommendation:** hold three Council Work Sessions
- June 2016—**Recommendation:** hold two Council public hearings
- June 23, 2016—**Recommendation:** final Council decision meeting

We Encourage Customers to Participate

- **Informal:**
  - **Web Page: from austinenergy.com select "rates"**
  - **Sign up for e-mail alerts**
  - **Review documents, posted on the web page of the Office of the City Clerk**
  - **View hearings to be archived on the City's website**



- **Formal:**
  - **Participate fully**
  - **Accessible without representation**
  - **Directions available on the web**
  - **Forms available for download**

Use Energy APP to See Impact on Your Accounts

$ Amount	$ Estimate '16	$ Estimate '17	kWh	kW	pf
3,345,359.47	2,540,289.67	2,563,947.86	32,661,303	6,501.6	0.90
3,287,722.24	2,504,955.14	2,504,955.14	33,022,095	8,444.0	0.83
2,549,523.69	1,926,352.64	1,926,352.64	25,542,792	6,942.0	0.90
2,213,033.98	1,617,553.21	1,617,553.21	23,614,599	5,472.0	0.91
1,134,319.71	484,490.87	484,490.87	20,793,109	4,673.3	0.97
1,114,404.36	396,774.30	396,774.30	23,095,076	4,615.3	0.90
589,186.30	206,024.73	205,111.40	2,334,651	1,313.0	0.94
586,697.38	513,957.24	513,957.24	6,180,504	4,417.0	0.96
576,207.93	471,590.52	457,039.69	4,716,793	1,580.0	0.91
536,419.97	100,315.08	100,315.08	10,313,876	4,927.7	0.83
511,958.05	413,334.50	405,407.42	4,370,000	1,274.0	0.94
510,009.30	0.00	0.00	5,115,880	1,111.2	0.92
463,861.84	403,765.30	396,894.34	4,494,709	1,030.0	0.88
448,513.80	378,402.78	373,203.11	3,523,775	1,932.4	0.95
431,403.99	366,327.90	358,801.00	3,264,867	1,436.8	0.90
419,085.76	388,333.99	375,674.06	2,760,055	1,436.4	0.74
404,089.69	389,697.52	384,811.53	4,517,012	1,272.3	0.84

Commercial Energy APP

Alerts and Tips Help You Manage Your Commercial Energy Costs

Austin Energy's free, interactive web app for commercial customers allows you to monitor your daily energy usage and power factor data, view your bill history, and see a future forecast of your energy bill cost.

It is easily accessible on a web-enabled mobile device or on a personal computer. With the web app you have the option to receive a text or email alert when you reach certain usage and demand amounts.

Additionally, several practical conservation tips are available to help you reduce your energy consumption and to save on energy costs.

When you use the Austin Energy web app, you can also download your **Green Button Data** which can help you better understand your energy usage and take action towards savings.

Visit Green Button Data for more information

How to Get Started

1. Using a web browser, **go to the Austin Energy App.**
2. Log in with your City of Austin Utilities Online Customer Care username and password.

Specific Rate Recommendations

Current and Proposed Customer Classes

Current Customer Classes	Proposed Customer Classes
Residential - Inside/Outside	Residential - Inside/Outside
Secondary 1 (< 10 KW) - Inside/Outside	Secondary 1 (< 10 KW) - Inside/Outside
Secondary 2 (10 to < 50 KW) - Inside/Outside	Secondary 2 (10 to < 300 KW) - Inside/Outside
Secondary 3 (50+ KW) - Inside/Outside	Secondary 3 (300+ KW) - Inside/Outside
Primary 1 (< 3MW) - Inside/Outside	Primary 1 (< 3MW) - Inside/Outside
Primary 2 (3 MW to < 20 MW) - Inside/Outside	Primary 2 (3 MW to < 20 MW) - Inside/Outside
Primary 3 (20+ MW) - Inside/Outside	Primary 3 (20+ MW) - Inside/Outside
Primary 4 (Contract / 20+ MW)	Primary 4 (Contract / 20+ MW)
Transmission Voltage - Inside/Outside	Transmission Voltage - Inside/Outside
Transmission Voltage (Contract / 20+ MW)	Transmission Voltage (Contract / 20+ MW)
Lighting - Inside/Outside	Lighting - Inside/Outside

Proposed Non-Residential Rates

Non-Residential Base Rates for Inside the City Limits Customers							
	S1	S2	S3	P1	P2	P3	T1
Customer Charge ($/month)	18.00	27.50	71.50	275.00	2,200.00	2,750.00	2,750.00
Delivery Charge ($/kW)	0.00	4.00	4.50	3.50	4.00	4.50	0.00
Demand Charge ($/kW)	0.00	5.75	7.25	8.50	9.50	10.25	12.00
Energy Charge ($/kWh)	0.05190	0.02421	0.01955	0.00500	0.00360	0.00300	0.00500

Proposed base rates only. Additional adjustments to the structure of the Regulatory Charge and the Community Benefit Charge are proposed to eliminate volatility in those charges.

Key Recommendation: Eliminate Seasonality Factor in Base Rates

- Seasonal fluctuation potentially burdensome
- Limited cost justification supporting seasonal factors
- Adopt seasonality in Power Supply Adjustment

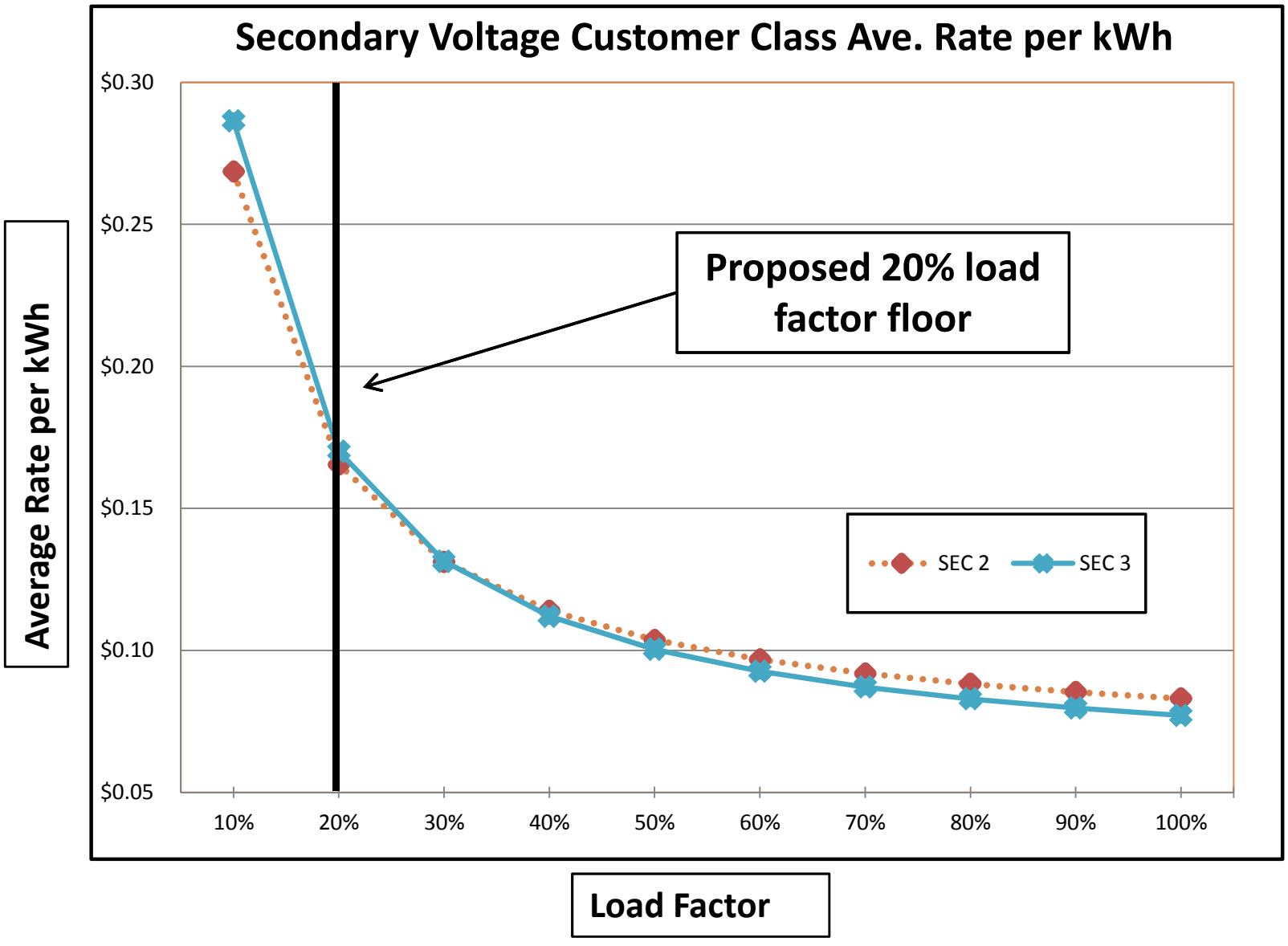
Key Recommendation: Adjust Residential Rate Tiers

- Current 5-tier rate design recovers insufficient revenues for most customers.
  - Declining residential usage suggests continued instability in residential cost recovery.
- Flatten 5 residential tiers:
  - Better alignment with Cost of Service
  - Improve stability of cost recovery
- Rates will retain a tiered structure providing price signals to encourage conservation and energy efficiency investments.

Key Recommendation: Small Commercial Classes

- **Maintain:** Policy adopted by Council (in FY16 budget) assigning customer classes based on average 4-month summer peak.
  - Approximately 1,700 customers of 14,000 customers switched from S2 to S1 in January 2016 implementation.
- **Maintain:** 10 kW break point between S1 and S2 classes.
- **Add:** For S2 and S3, establish a load factor floor for Secondary customers of 20 percent load factor.
  - 3,300 customers in S2
  - 30 customers in S3
  - Shift of $7 million from low load factor Secondary customers to higher load factor Secondary customers.
- Add: New definitions of Secondary 2 from (10 to < 50 KW) to (10 to < 300 KW) and Secondary 3 (300+ KW)

Secondary Customer Load Factor Floor



Proposed Residential Tiers

Residential Base Rates for Inside the City Limits Customers		
	Existing Rate	Proposed Rate
Basic Charges ($/month)		
Customer Charge	10.00	10.00
Delivery Charge	0.00	0.00
Summer Tier Rates ($/kWh)		
First Tier (0 – 500 kWh)	0.03300	0.03300
Second Tier (501 – 1,000 kWh)	0.08000	0.05600
Third Tier (1,001 – 1,500 kWh)	0.09100	0.07595
Fourth Tier (1,501 – 2,500 kWh)	0.11000	0.09100
Fifth Tier (2,501 kWh and over)	0.11400	0.10595
Non-Summer Tier Rates ($/kWh)		
First Tier (0 – 500)	0.01800	0.03300
Second Tier (501 – 1,000)	0.05600	0.05600
Third Tier (1,001 – 1,500)	0.07200	0.07595
Fourth Tier (1,501 – 2,500)	0.08400	0.09100
Fifth Tier (2,501 and over)	0.09600	0.10595

Other Recommendations: Outside City Customers

- Maintain $5.75 million discount for outside city customers adopted in 2013 settlement.

Other Recommendations: Pass-through Charges Uniformity

- Pass through charges include Regulatory Charge, Community Benefit Charge, and Power Supply Adjustment Charge.
- Current Power Supply Adjustment policy sets charge as a "uniform rate."
  - Similar policy/rate calculation for all customer classes.
  - Adjusted by voltage level for line losses.
- Regulatory Charge and some components of the Community Benefit Charge can be volatile from year to year.
- **Recommendation:** Recover Regulatory Charge and Community Benefit Charge in a more uniform manner.

Other Recommendations: Community Benefit Charges

- Maintain current Customer Assistance Program (CAP), energy efficiency services and service area street lighting rate policies.
  - Adopt greater uniformity in calculation of Community Benefit Charge.

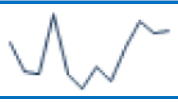
Potential Rate Impacts

S2 Impact—Monthly Bill Comparison

Type of Use	Retail	Restaurant	ISD	Utility	Office	Medical	Service	HOW	HOW
Average Bill									
Existing	$983	$729	$838	$534	$434	$405	$314	$192	$136
Proposed	$932	$691	$773	$498	$411	$357	$296	$246	$182
Variance Proposed to Existing	-$52	-$38	-$66	-$36	-$23	-$48	-$18	$53	$47
Percent Change	-5%	-5%	-8%	-7%	-5%	-12%	-6%	28%	34%
Average									
Monthly kWh	7,894	6,503	5,940	4,277	2,971	2,277	2,214	1,475	1,040
Monthly KW	33.1	19.8	28.6	15.0	16.1	17.2	10.8	16.5	17.7
Peak KW	41.4	21.6	40.4	18.9	24.9	28.0	13.8	21.4	24.0
Load Factor	33.5%	44.7%	41.6%	39.1%	26.0%	18.7%	28.8%	12.4%	8.3%
In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge.
Calculated from the monthly usage patterns of actual customers.

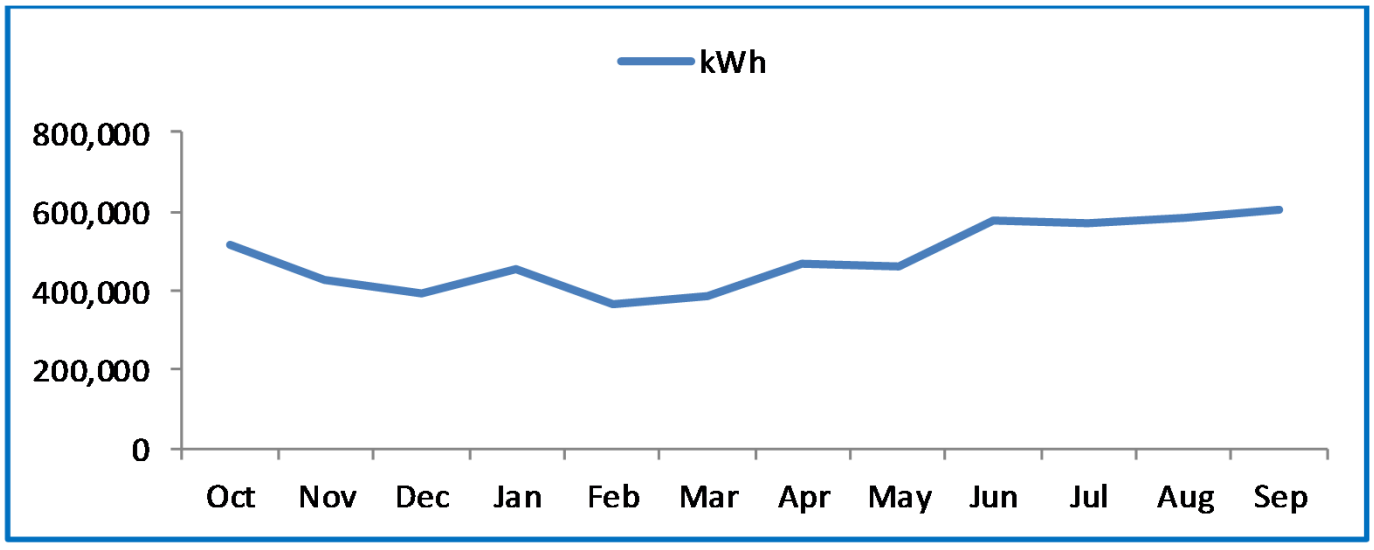
S3 Impact—Monthly Bill Comparison

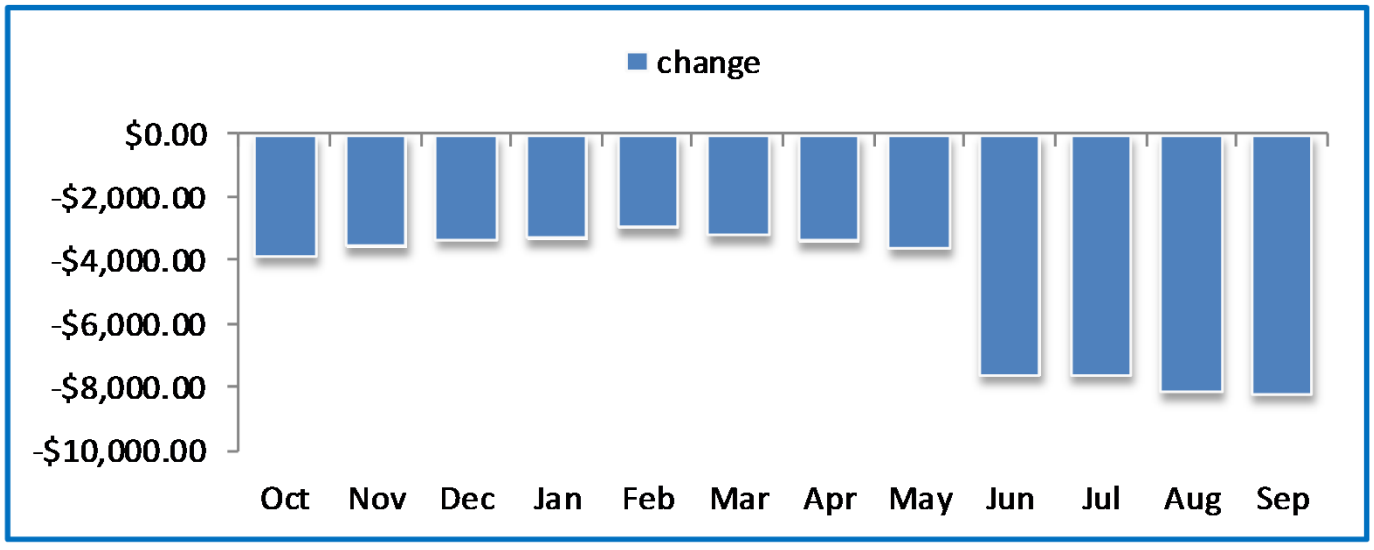
Type of Use	Utility	ISD	Retail	Medical	Office	Restaurant	Retail	HOW	HOW
Average Bill									
Existing	$32,868	$32,634	$32,310	$25,181	$16,432	$11,765	$11,818	$10,530	$6,594
Proposed	$31,835	$31,920	$31,520	$24,895	$16,174	$11,577	$11,577	$10,451	$8,072
Variance Proposed to Existing	-$1,032	-$713	-$790	-$285	-$258	-$188	-$241	-$79	$1,478
Percent Change	-3%	-2%	-2%	-1%	-2%	-2%	-2%	-1%	22%
Average									
Monthly kWh	316,200	304,167	289,500	279,850	172,650	127,433	116,425	86,550	50,525
Monthly KW	965.0	1000.0	1027.5	619.5	433.0	276.0	337.0	358.3	641.0
Peak KW	1059.0	1160.0	1130.0	663.0	516.0	316.0	405.0	489.0	840.0
Load Factor	44.6%	41.6%	38.5%	62.0%	56.2%	62.7%	47.2%	33.4%	10.9%
In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge.
Calculated from the monthly usage patterns of actual customers.

P1—Sample Monthly Bill Comparison

Type of Use	Retail
Average Bill	
Existing	$37,750
Proposed	$32,840
Variance Proposed to Existing	-$4,910
Percent Change	-13%
Average	
Monthly kWh	483,300
Monthly KW	870.0
Peak KW	1020.0
Load Factor	75.8%

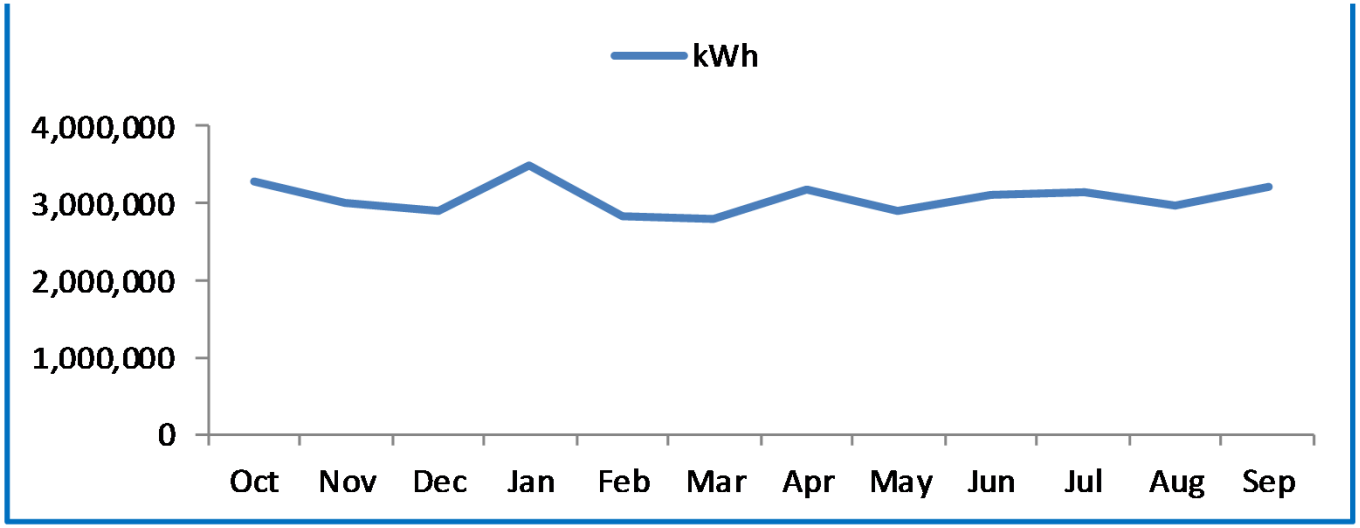


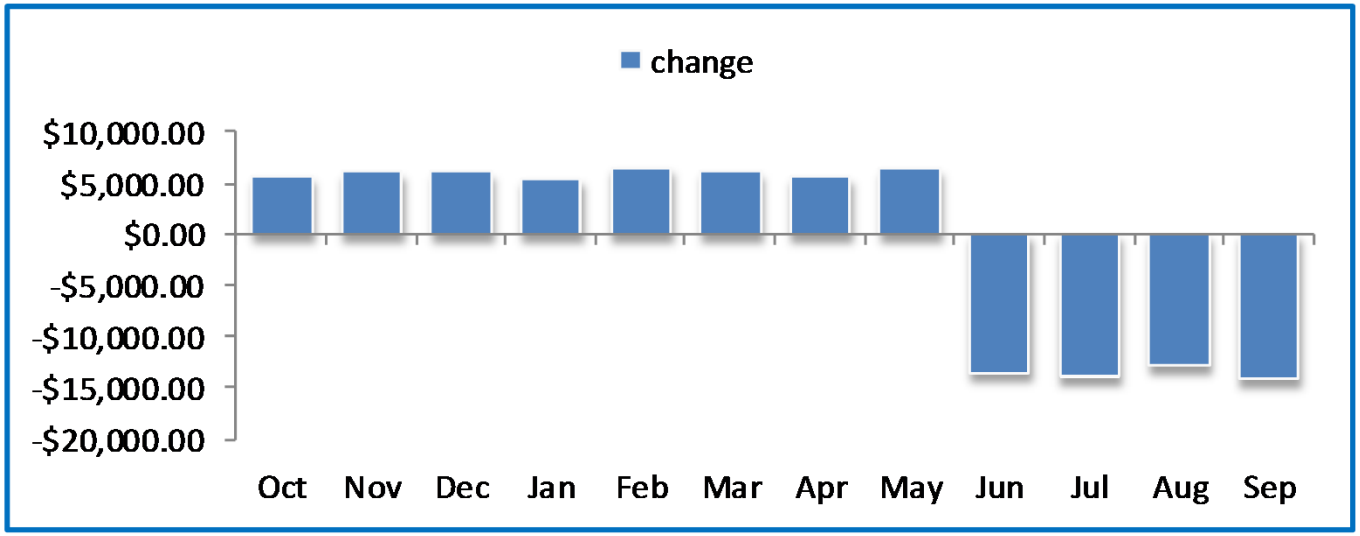


Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge.
Average P1 customer used for illustration.

P2—Sample Monthly Bill Comparison

Type of Use	Industrial
Average Bill	
Existing	$196,648
Proposed	$196,152
Variance Proposed to Existing	-$496
Percent Change	0%
Average	
Monthly kWh	3,065,306
Monthly KW	4525.8
Peak KW	4680.0
Load Factor	92.8%





Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge.
Average P2 customer used for illustration.

Next Steps

- Publish rates report and proposed tariffs
- Publish Cost of Service model
- Finalize procedural rules
- Begin discovery process before Impartial Hearings Examiner
- Outreach to customer groups to encourage participation

Community values, community involvement

Why Are Some Customer Classes So Far from Cost of Service?

- Previous rate review was based on 2009 data. A lot has changed since then.
- The market changed: We set residential rates at 7% below cost of service, but revenues ended up at 11% below
- The nodal market was implemented in ERCOT
- Large Commercial and Industrial customer contracts expired.
- A significant increase in the number of apartments/condos
- Increase in energy efficiency, and our residential 5-tier approach worked to encourage conservation

From: Dreyfus, Mark
Sent: 1/24/2016 8:03:13 PM
To: AE Executive Team; AE PIO; AE Regulatory Affairs
Cc: Goode, Robert; Carvell, Kyle
Subject: Final Rate Design Recommendations Briefing for Coucnil and EUC for 1/25/2016
Attachments: 2016 1 25 Rate Design Briefing as Presented to Council.pptx;

Austin Energy Cost of Service and Rate Review

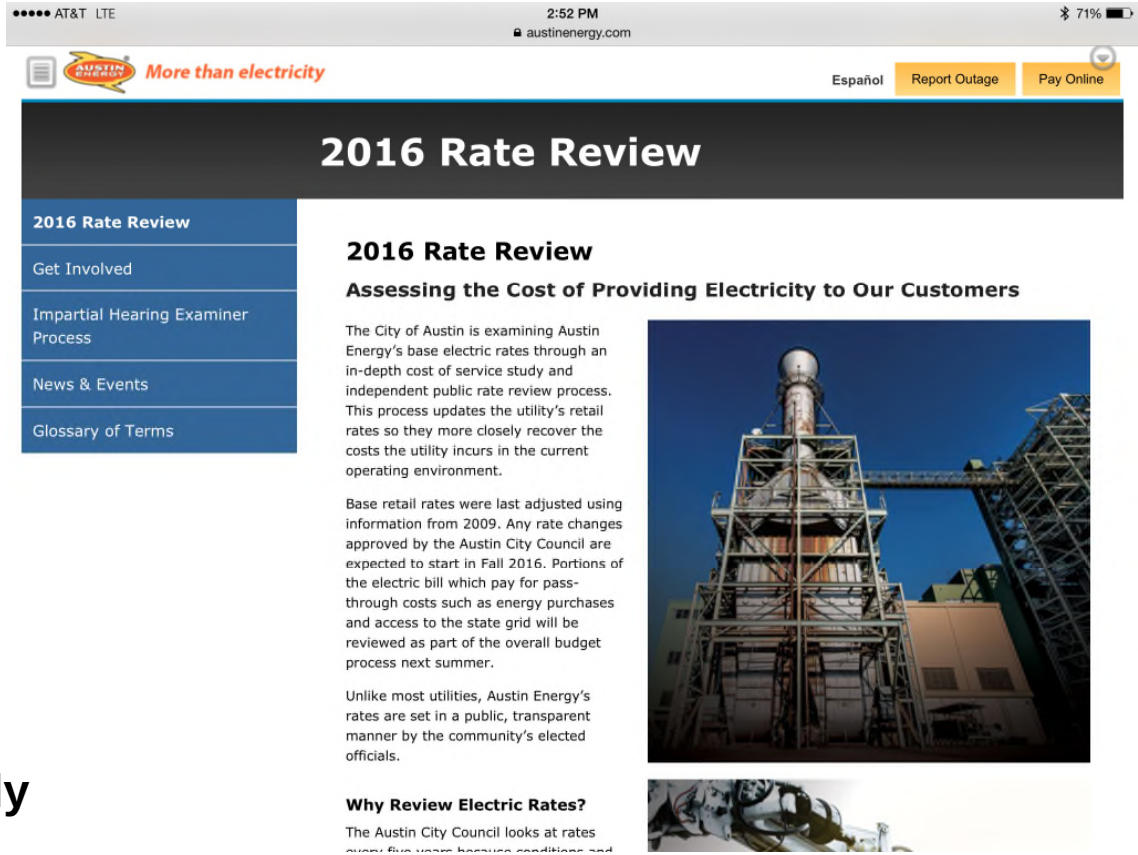
January 25, 2016

Current Schedule Highlights

- December 14, 2015—Electric Utility Commission briefing on Revenue Requirement and Cost of Service
- December 15, 2015—City Council Work Session briefing
- January 14, 2016—Pre-hearing conference
- January 25, 2016—Utility Oversight Committee briefing on rate design recommendations
- January 25, 2016—Release of AE's Rates Report to Council
- January 25, 2016—EUC briefing on rate design recommendations
- End January, 2016—Begin proceedings before Impartial Hearings Examiner
- May 6, 2016—Impartial Hearings Examiner recommendations report released
- May & June 2016—**Recommendation:** hold three Council Work Sessions
- June 2016—**Recommendation:** hold two Council public hearings
- June 23, 2016—final Council decision meeting

How Customers May Participate

- **Informal:**
  - **Web Page: from austinenergy.com select "rates"**
  - **Sign up for e-mail alerts**
  - **Review documents, posted on the web page of the Office of the City Clerk**
  - **View hearings to be archived on the City's website**



- **Formal:**
  - **Participate fully**
  - **Accessibility**
  - **Forms available for download**
  - **Directions available on the web**

Steps in Cost of Service and Rate Setting

- Revenue Requirement
- Cost Allocation
- Rate Design

Guiding Policies and Principles

- Affordability Goals:
  - 2 percent per year
  - Competitiveness
- Austin Energy Strategic Plan
- City of Austin Climate Protection Plan (2007) and Austin Energy Resource Generation Plan to 2025
- Financial Policies of the City of Austin and 2012 Rate Ordinance

Austin Energy's Objectives

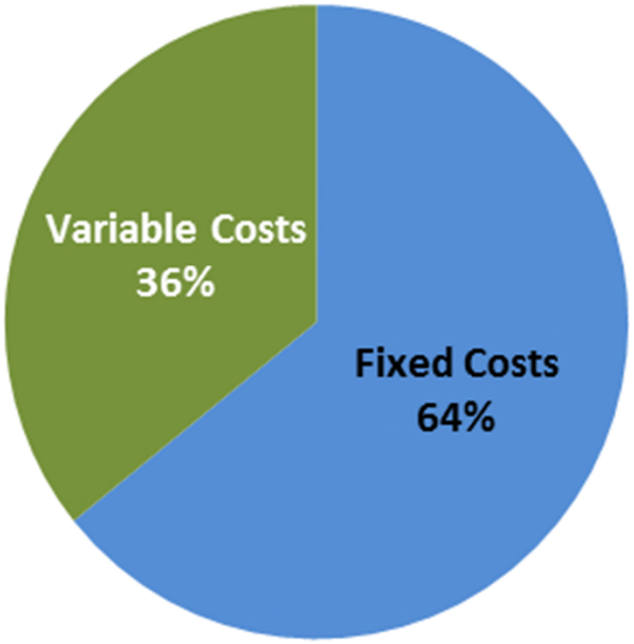
- Transparent process
- Fairness for all customers
- Focus on affordability
- Adhere to applicable State and local laws and City policies
- Sustain long-term financial health of the utility

Conclusions from Cost of Service Analysis: Financial Health

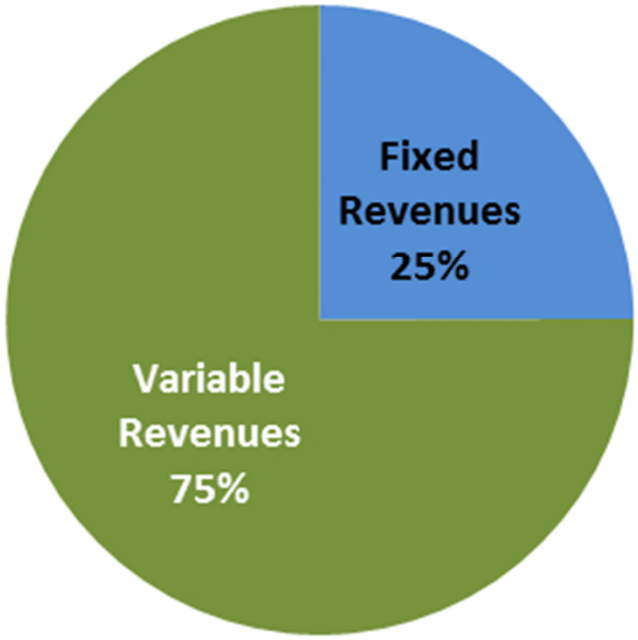
- **Reduce base rates by $17.4 million**.
  - Additional reductions expected in the Regulatory Charge and Power Supply Adjustment.
  - Regulatory Charge and Power Supply Adjustment to be set in FY 2017 budget process.
- Significant progress since 2012 in restoring the financial health of Austin Energy.
- Continue to face long-run revenue stability challenges.

Conclusions from Cost of Service Analysis: Financial Health

TY2014 Expenses

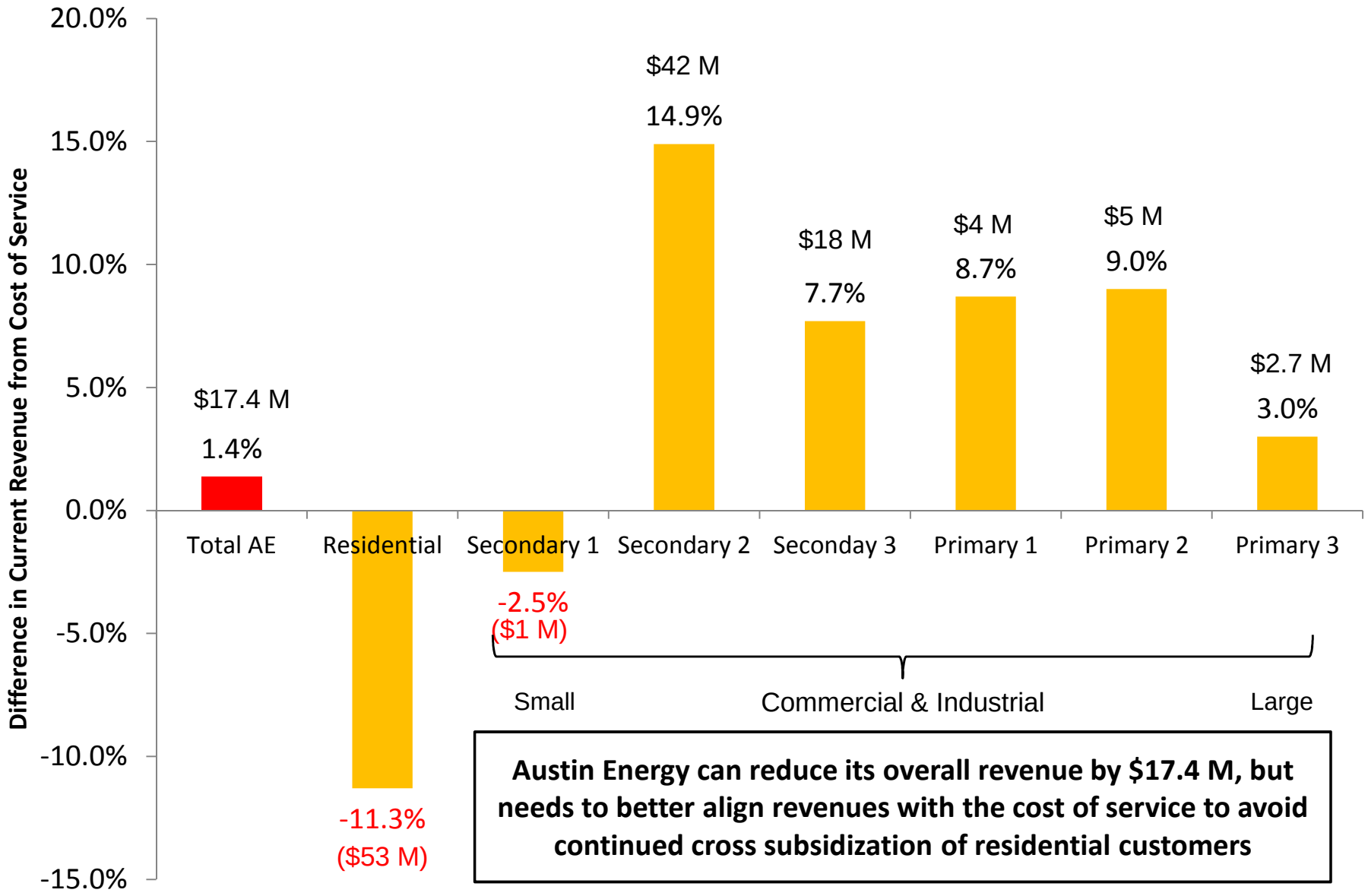


FY2014 Customer Revenues



Low fixed cost recovery contributes to revenue instability.
Declining consumption aggravates long-term stability.

Conclusions from Cost of Service Analysis: Revenue Alignment



Austin Energy can reduce its overall revenue by $17.4 M, but needs to better align revenues with the cost of service to avoid continued cross subsidization of residential customers

Rate Design:
Policy Recommendations

Rate Structure Analysis Conclusions

- Rate structure adopted in 2012 remains sound.
- Some needed adjustments identified from:
  - Experience since 2012
  - Community feedback
  - Interim studies
  - Improved Cost of Service data

Key Rate Transformation Steps in 2012

- Consolidated rate classes
- Unbundled charges from base rates
  - Community Benefits Charge
  - Regulatory Charge
- Reformed the Power Supply Adjustment
- Raised the Customer Charge
- Embedded incentives for energy efficiency in base rates
- Tiered the residential rate structure
- Adopted the Value of Solar
- Created discounts for key commercial accounts
- Introduced a low-income (CAP) funding mechanism

Community Benefit Charges

- **Maintain:** current Customer Assistance Program (CAP), energy efficiency services and service area street lighting rate policies.
  - Adopt greater uniformity in calculation of Community Benefit Charge.

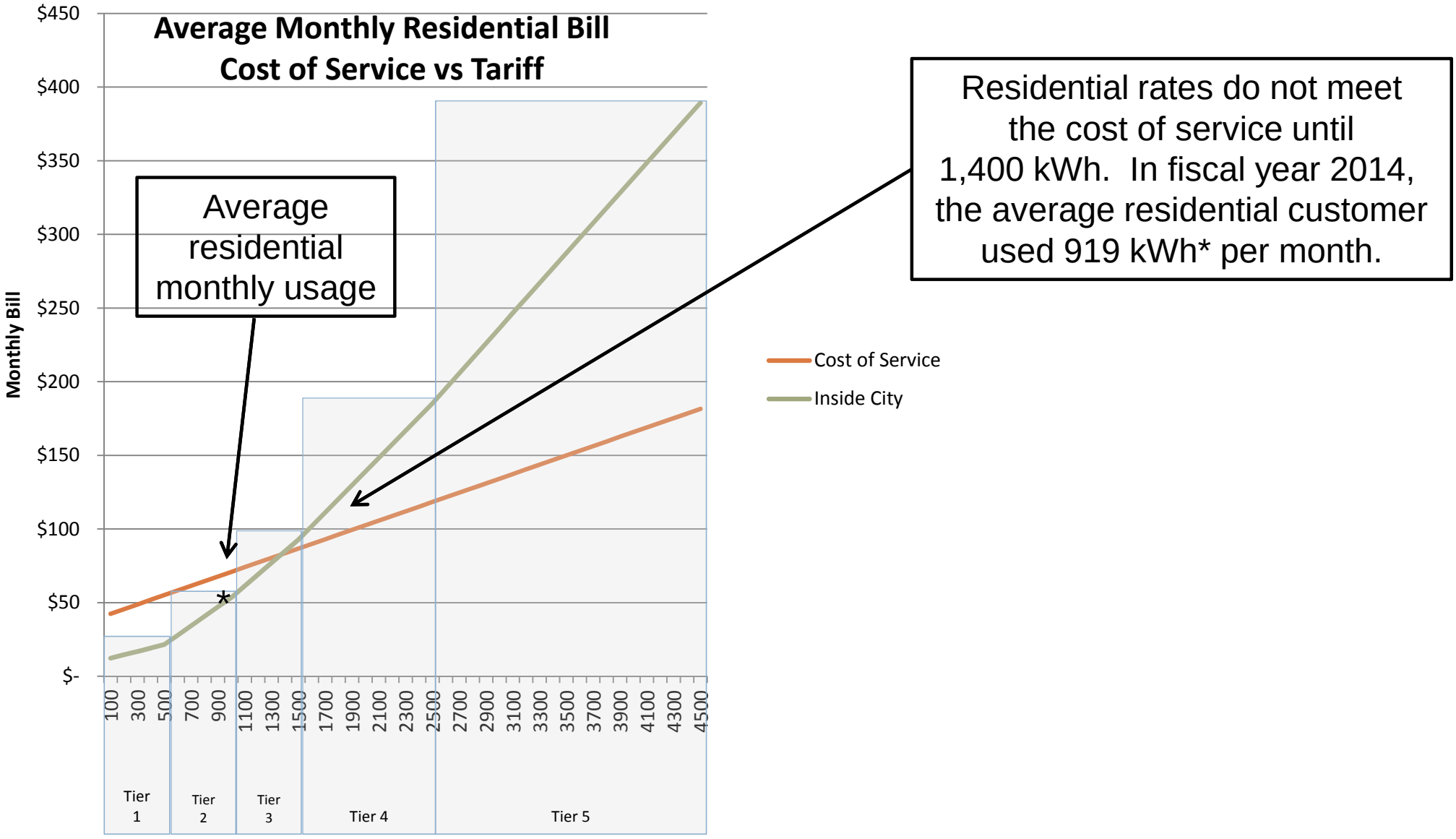
Rate Recommendations: Seasonality (summer/winter differential)

- **Recommendation:** eliminate seasonality factor in base rates
  - Seasonal fluctuation potentially burdensome
  - Limited cost justification supporting seasonal factors
  - Adopt seasonality in Power Supply Adjustment

Residential Rate Tier Adjustments

- Current 5-tier rate design recovers insufficient revenues for most customers.
  - Declining residential usage suggests continued instability in residential cost recovery.
- **Recommendation:** Flatten 5 residential tiers:
  - Better alignment with Cost of Service
  - Improve stability of cost recovery
- Rates will retain a tiered structure providing price signals to encourage conservation and energy efficiency investments.

Nearly 80 Percent of Residential Electricity is Sold Below the Cost of Service



Note: Annual consumption of 903 kWh as reported by EIA is based on 2014 calendar year while the 919 kWh is based on City of Austin's fiscal year 2014.

Proposed Residential Tiers

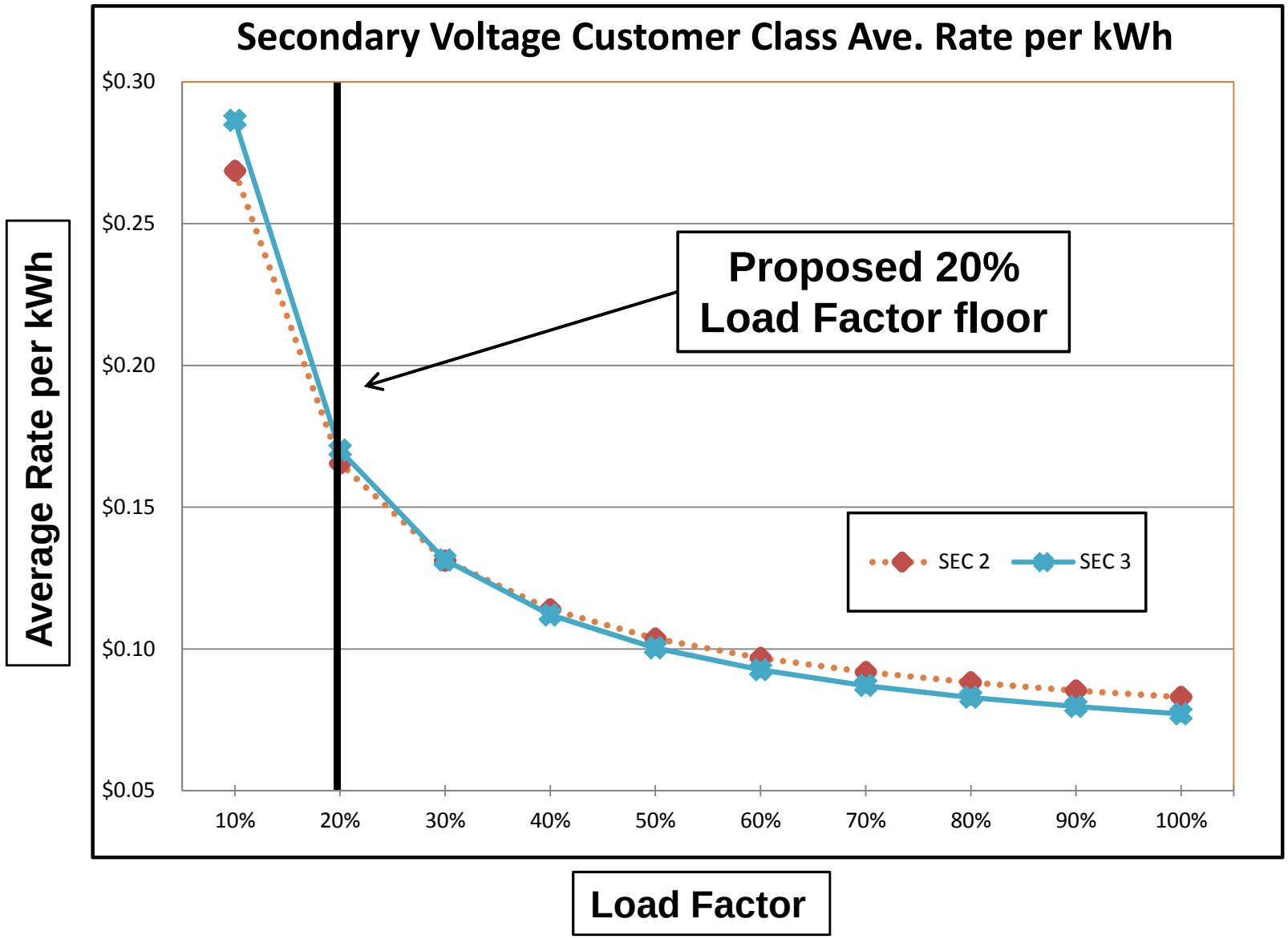
Residential Base Rates for Inside the City Limits Customers

	Existing Rate	Proposed Rate
Basic Charges ($/month)		
Customer Charge	10.00	10.00
Delivery Charge	0.00	0.00
Summer Tier Rates ($/kWh)		
First Tier (0 – 500 kWh)	0.03300	0.03300
Second Tier (501 – 1,000 kWh)	0.08000	0.05600
Third Tier (1,001 – 1,500 kWh)	0.09100	0.07595
Fourth Tier (1,501 – 2,500 kWh)	0.11000	0.09100
Fifth Tier (2,501 kWh and over)	0.11400	0.10595
Non-Summer Tier Rates ($/kWh)		
First Tier (0 – 500)	0.01800	0.03300
Second Tier (501 – 1,000)	0.05600	0.05600
Third Tier (1,001 – 1,500)	0.07200	0.07595
Fourth Tier (1,501 – 2,500)	0.08400	0.09100
Fifth Tier (2,501 and over)	0.09600	0.10595

Small Commercial Classes

- **Maintain:** Policy adopted by Council (in FY 2016 budget) assigning customer classes based on 4 month summer peak.
  - Approximately 1,700 customers of 14,000 customers switched from S2 to S1 in January 2016 implementation.
- **Maintain:** 10 kW break point between S1 and S2 classes.
- **Recommendation:** Extend the boundary of S2 and S3 to 300 kW.
- **Recommendation:** Establish a Load Factor floor for secondary customers of 20 percent Load Factor.
  - 3,300 customers in S2
  - 30 customers in S3
  - Shift of $7 million from low Load Factor secondary customers to higher Load Factor customers.

Secondary Customer Load Factor Floor



Outside City Customers

- **Recommendation:** Maintain $5.75 million discount for outside city customers adopted in 2013 settlement.

Pass-through Charges Uniformity

- Pass-through charges: Regulatory Charge, Community Benefit Charge, and Power Supply Adjustment Charge.
- Current Power Supply Adjustment policy sets charge as a “uniform rate.”
  - Similar policy/rate calculation for all customer classes.
  - Adjusted by voltage level for line losses.
- Regulatory Charge and some components of the Community Benefit Charge can be volatile from year to year.
- **Recommendation:** recover Regulatory Charge and Community Benefit Charge in a more uniform manner, similar to Power Supply Adjustment.

Commercial Discounts

- **Maintain:** Existing discount for Independent School Districts.
- **Recommendation:** Provide State account discount at conclusion of current contract.
- **Recommendation:** Add discount for military bases.
- **Recommendation:** Conclude transition providing rate discount for house of worship accounts, discontinuing the house of worship rate.
- **Recommendation:** For all commercial customers receiving a discount, set discounts in a uniform manner, at 20 percent off of base rates.

Rate Design:

Recommendations for Allocating $17.4 Million Reduction

Allocation of $17.4 M Reduction: Residential Customers

- Hold total base revenue collections from Residential constant.
- Implement revenue neutral adjustments within the Residential class to help stabilize revenue collections.
- Forecasted reductions in Power Supply Adjustment and Regulatory Charge anticipated to benefit Residential class.

Allocation of $17.4 M Reduction: Commercial Customers

- Secondary and Primary Non-residential Classes: No class receive an increase.
  - Account for changes in the Regulatory Charge and PSA anticipated to be adopted in summer budget.
- Small Secondary (S1): Hold constant
  - Currently within 2.5 percent of Cost of Service.
  - Customers shifting from S2 to S1 receiving reductions.
- Medium Secondary (S2 and S3): Direct the majority of reductions to Secondary.
- Primary: Bring as close as feasible to Cost of Service.
- T2: Bring to Cost of Service in accordance with T2 tariff.
  - Three year transition prior to pass through of any increases.
- Assure a rational progression of rates across customer classes as customer load increases.

Proposed Non-residential Rates

Non-Residential Base Rates for Inside the City Limits Customers							
	S1	S2	S3	P1	P2	P3	T1
Customer Charge ($/month)	18.00	27.50	71.50	275.00	2,200.00	2,750.00	2,750.00
Delivery Charge ($/kW)	0.00	4.00	4.50	3.50	4.00	4.50	0.00
Demand Charge ($/kW)	0.00	5.75	7.25	8.50	9.50	10.25	12.00
Energy Charge ($/kWh)	0.05190	0.02421	0.01955	0.00500	0.00360	0.00300	0.00500

Proposed base rates only. Additional adjustments to the structure of the Regulatory Charge and the Community Benefit Charge are proposed to eliminate volatility in those charges.

Issues for Study Prior to Next Cost of Service Assessment

Residential Studies

- Tiered structure of residential rates
- Lifeline study of minimum residential energy uses
- Cost of service of multi-family and single-family residences
- Cost of service of three-phase residential customers

Commercial Studies

- Cost of service of downtown network service
- Rate structure for S1 class
- Demand charges for customers peaking outside AE system peak
- Potential for kilovolt ampere reactive (kvar) billing (alternative to the current power factor correction)

Rate Design:
Customer Impacts

Residential Customer Impacts

Change in Average Monthly Bill			Average Monthly kWh	Percent of Similar Customers *
Electric Heat	Tier 1 Customer	$1.43	416	7.43%
	Tier 2 Customer	-$0.90	751	9.72%
	Tier 3 Customer	-$0.56	1,175	5.57%
	Tier 4 Customer	-$3.41	1,877	1.23%
	Tier 5 Customer	-$11.85	3,732	0.09%
Gas Heat	Tier 2 Customer	$0.22	562	9.12%
	Tier 3 Customer	-$5.26	1,087	6.58%
	Tier 5 Customer	-$13.16	2,184	0.73%

* Percent of all customers with twelve months of billing data within same block (i.e. 400 - 499). Example customers represent 50.3% of all customers with twelve months of billing data.

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge.

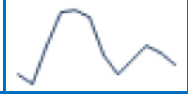
S1 Impact—Monthly Bill Comparison

Type of Use	ISD	Restaurant	Utility	Office	Medical	HOW	Service	Retail	HOW
Average Bill									
Existing	$185	$156	$105	$105	$103	$76	$56	$51	$39
Proposed	$182	$147	$102	$101	$100	$77	$54	$49	$47
Variance Proposed to Existing	-$3	-$9	-$3	-$4	-$3	$1	-$1	-$2	$9
Percent Change	-2%	-6%	-3%	-4%	-3%	1%	-2%	-4%	23%
Average									
Monthly kWh	1,649	1,297	858	837	820	598	364	309	296
Monthly KW	12.6	6.6	4.8	5.2	5.2	6.3	3.4	4.9	7.7
Peak KW	16.4	7.9	5.5	7.1	6.4	8.9	4.4	6.6	9.7

In/Out COA	Inside	Inside	Outside	Inside	Inside	Inside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Calculated from the monthly usage patterns of actual customers.

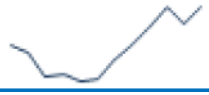
S2 Impact—Monthly Bill Comparison

Type of Use	Retail	Restaurant	ISD	Utility	Office	Medical	Service	HOW	HOW
Average Bill									
Existing	$983	$729	$838	$534	$434	$405	$314	$192	$136
Proposed	$932	$691	$773	$498	$411	$357	$296	$246	$182
Variance Proposed to Existing	-$52	-$38	-$66	-$36	-$23	-$48	-$18	$53	$47
Percent Change	-5%	-5%	-8%	-7%	-5%	-12%	-6%	28%	34%
Average									
Monthly kWh	7,894	6,503	5,940	4,277	2,971	2,277	2,214	1,475	1,040
Monthly KW	33.1	19.8	28.6	15.0	16.1	17.2	10.8	16.5	17.7
Peak KW	41.4	21.6	40.4	18.9	24.9	28.0	13.8	21.4	24.0
Load Factor	33.5%	44.7%	41.6%	39.1%	26.0%	18.7%	28.8%	12.4%	8.3%
In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Calculated from the monthly usage patterns of actual customers.

S3 Impact—Monthly Bill Comparison

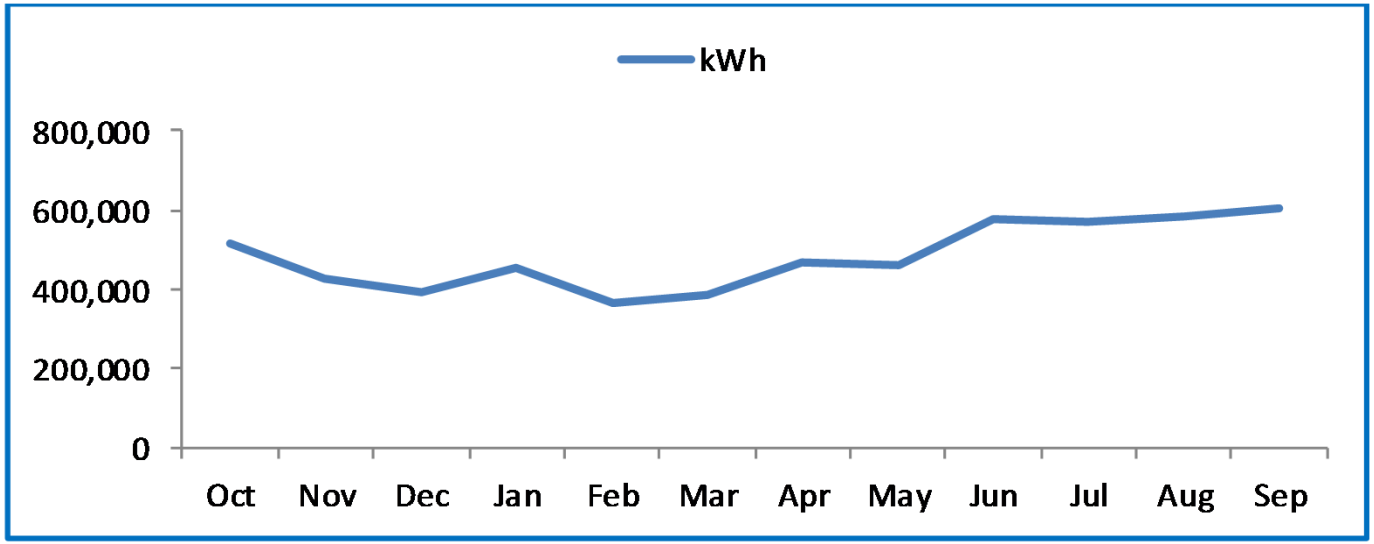
Type of Use	Utility	ISD	Retail	Medical	Office	Restaurant	Retail	HOW	HOW
Average Bill									
Existing	$32,868	$32,634	$32,310	$25,181	$16,432	$11,765	$11,818	$10,530	$6,594
Proposed	$31,835	$31,920	$31,520	$24,895	$16,174	$11,577	$11,577	$10,451	$8,072
Variance Proposed to Existing	-$1,032	-$713	-$790	-$285	-$258	-$188	-$241	-$79	$1,478
Percent Change	-3%	-2%	-2%	-1%	-2%	-2%	-2%	-1%	22%
Average									
Monthly kWh	316,200	304,167	289,500	279,850	172,650	127,433	116,425	86,550	50,525
Monthly KW	965.0	1000.0	1027.5	619.5	433.0	276.0	337.0	358.3	641.0
Peak KW	1059.0	1160.0	1130.0	663.0	516.0	316.0	405.0	489.0	840.0
Load Factor	44.6%	41.6%	38.5%	62.0%	56.2%	62.7%	47.2%	33.4%	10.9%

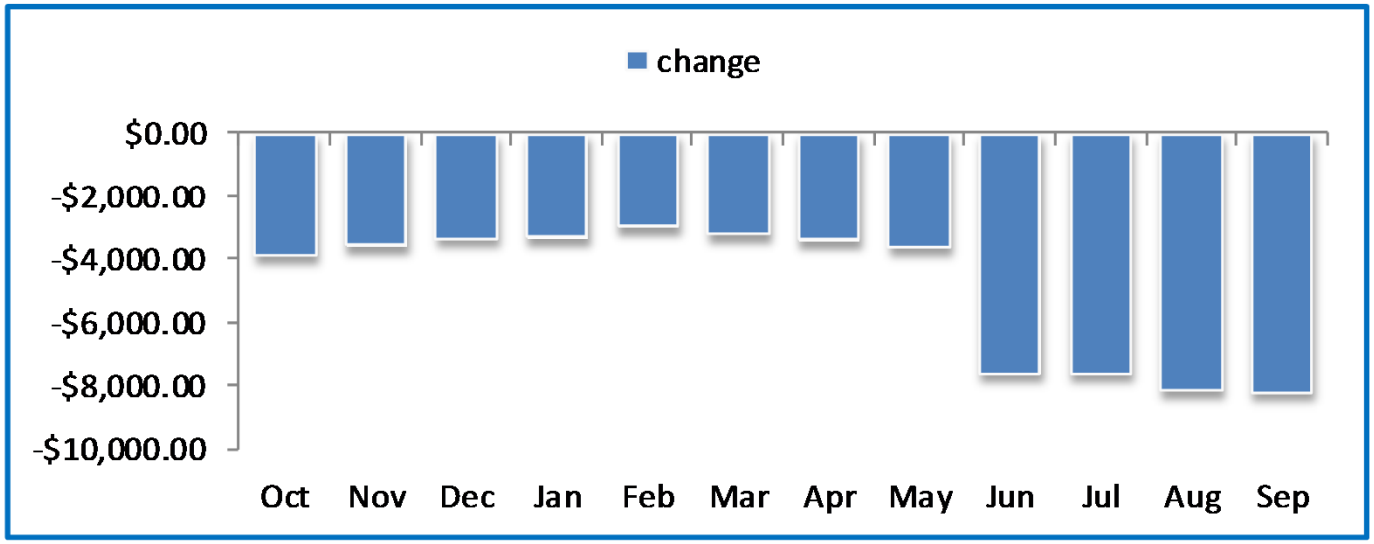
In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Calculated from the monthly usage patterns of actual customers.

P1—Sample Monthly Bill Comparison

Type of Use	Retail
Average Bill	
Existing	$37,750
Proposed	$32,840
Variance Proposed to Existing	-$4,910
Percent Change	-13%
Average	
Monthly kWh	483,300
Monthly KW	870.0
Peak KW	1020.0
Load Factor	75.8%

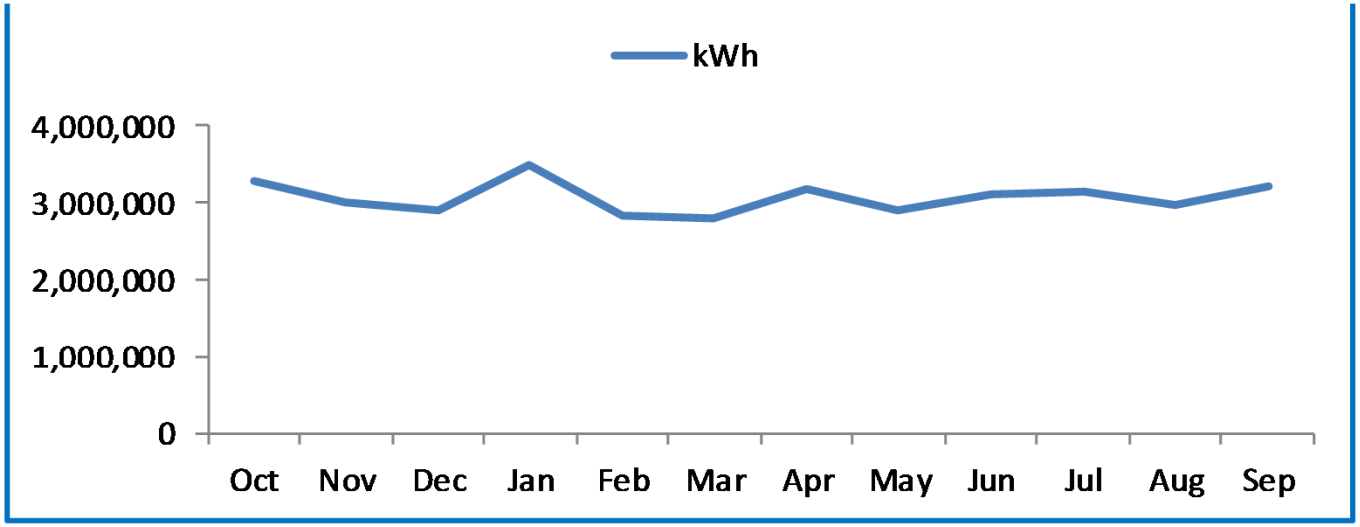


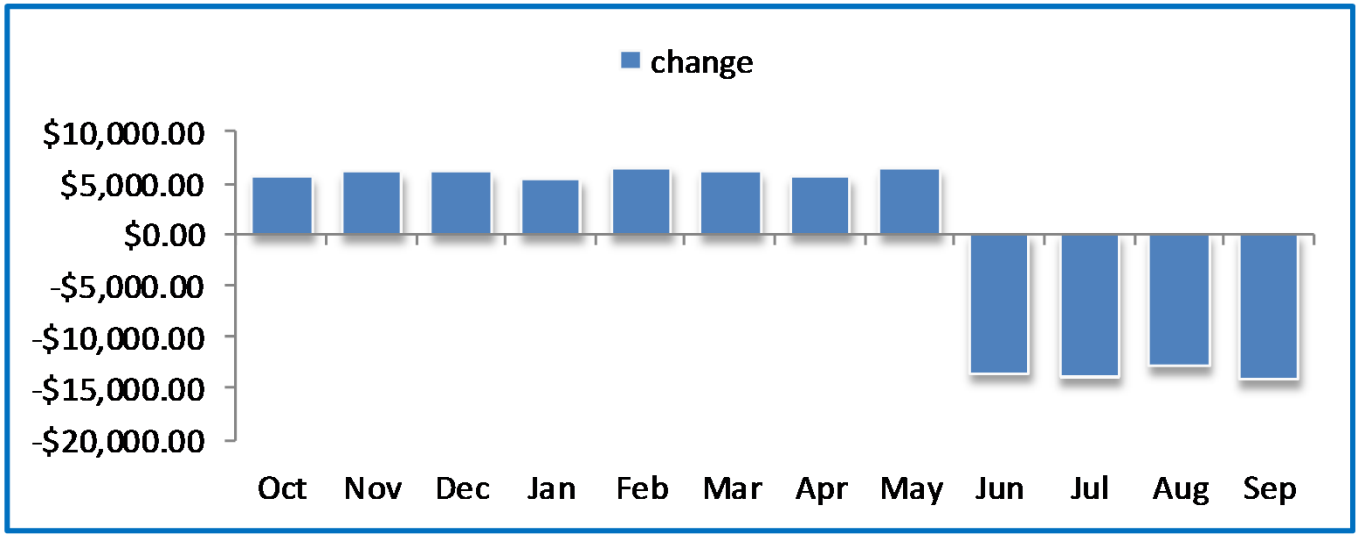


Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Average P1 customer used for illustration.

P2—Sample Monthly Bill Comparison

Type of Use	Industrial
Average Bill	
Existing	$196,648
Proposed	$196,152
Variance Proposed to Existing	-$496
Percent Change	0%
Average	
Monthly kWh	3,065,306
Monthly KW	4525.8
Peak KW	4680.0
Load Factor	92.8%





Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Average P2 customer used for illustration.

From: Maenius, Russell (Rusty)
Sent: 1/22/2016 1:18:18 PM
To: Dreyfus, Mark; Dombroski, Mark
Cc: Gardner, Colleen; Lara, Jose; Oberwortmann, John; Mickelson, Christopher
Subject: FW: Dollar value of discounts
Attachments: how_discounts.xlsx;isd_discounts.xlsx;

As requested.

From: Lara, Jose
Sent: Friday, January 22, 2016 11:24 AM
To: Gardner, Colleen; Maenius, Russell (Rusty)
Subject: RE: Dollar value of discounts

Colleen / Rusty,

Here is what I pulled for FY 14 and 15 for ISD and HOW discounts.

Row Labels

Sum of BILLS

Sum of KWH_USE

Sum of CALC_AMT

Sum of HOW_DISC

2014

4,508

22,755,810

$3,003,887

-$940,149

2015

5,237

25,575,537

2

$3,454,123

-$1,081,478

Grand Total

9,745

48,331,347

$6,458,010

-$2,021,627

Row Labels

Sum of BILLS

Sum of KWH_USE

Sum of CALC_AMT

Sum of ISD_DISC	
2014	
10,948	
225,563,578	
$24,084,355	
-$2,694,662	
2015	
11,758	
234,341,316	
$25,377,958	
-$2,852,966	
Grand Total	

22,706

459,904,894

$49,462,313

-$5,547,627

~ Joe

From: Gardner, Colleen
Sent: Friday, January 22, 2016 7:48 AM
To: Lara, Jose
Subject: FW: Dollar value of discounts

Joe,

Is this something you could pull?

Thanks,

Colleen

From: Maenius, Russell (Rusty)
Sent: Friday, January 22, 2016 7:41 AM
To: Gardner, Colleen
Subject: FW: Dollar value of discounts

From: Mickelson, Christopher
Sent: Thursday, January 21, 2016 10:31 PM
To: Maenius, Russell (Rusty); Oberwortmann, John
Subject: RE: Dollar value of discounts

Rusty and John,

Thinking about it, we might want to just grab what the actual HOW discount amount was in the Test Year to give to Mark. I would assume Colleen or Mary could get that number?

Chris

Christopher T. Mickelson | Regulatory Planner Utility | Austin Energy

ph: (512) 505-3730 | christopher.mickelson@austinenergy.com

This e-mail and any attachments states the informal opinions of Austin Energy staff, offered as technical assistance, and are not intended as legal advice. We reserve the right to amend these opinions should circumstances change or additional information be brought to our attention. Staff's opinions are not binding on the City Council. In addition, the information contained in this e-mail and any attachments are intended only for the addressee shown above. It may contain information that is privileged, confidential, or otherwise protected from disclosure. Any review, dissemination, or use of this transmittal or its contents by anyone other than the addressee is strictly prohibited.

From: Dreyfus, Mark
Sent: Thursday, January 21, 2016 6:40 PM
To: Maenius, Russell (Rusty); Mickelson, Christopher; Oberwortmann, John
Cc: English, Philip (Barksdale); Dombroski, Mark
Subject: RE: Dollar value of discounts

Might as well throw in the military bases while you're at it.

Thanks

Mark Dreyfus | Vice President, Regulatory Affairs & Corporate Communications | Austin Energy
721 Barton Springs Rd. | Austin, TX 78704-1145 | (512) 322-6544 (office)

From: Dreyfus, Mark
Sent: Thursday, January 21, 2016 6:25 PM
To: Maenius, Rusty (Rusty.Maenius@austinenergy.com); Mickelson, Christopher; Oberwortmann, John
Cc: Barksdale.English@austinenergy.com; Dombroski, Mark (Mark.Dombroski@austinenergy.com)
Subject: Dollar value of discounts

Gentlemen,

In preparation for the Council discussion on Monday, could you please provide me with the following:

Total dollar value of ISD discount.

Estimate of what the HOW discount has been in prior years.

Thanks

Mark Dreyfus | Vice President, Regulatory Affairs & Corporate Communications | Austin Energy
721 Barton Springs Rd. | Austin, TX 78704-1145 | (512) 322-6544 (office)

Row Labels	Sum of BILLS	Sum of KWH_USE	Sum of CALC_AMT	Sum of HOW_DISC
2014	4,508	22,755,810	$3,003,887	-$940,149
2015	5,237	25,575,537	$3,454,123	-$1,081,478
Grand Total	**9,745**	**48,331,347**	**$6,458,010**	**-$2,021,627**

FISCAL_YR	GL_MTH	RS_CD	BILLS	KWH_USE	CALC_AMT	HOW_DISC
2014	201402	E-SANC3	87	942006	125083	-27233.8
2014	201402	E-SANC1	60	13098	1820.87	-651.23
2014	201406	E-SANC3	112	1625053	214853	-59636.4
2014	201407	E-SANC1	60	30743	4237.21	-580.26
2014	201408	E-SANC1	51	25691	3567.69	-482.6
2015	201411	E-SANC2	244	393675	54092	-37804.3
2015	201502	E-SANC1	72	15307	2353.11	-829.2
2015	201504	E-SANC1	55	11082	1756.3	-623.53
2015	201506	E-SANC3	162	2118592	286152	-80000.2
2015	201506	E-SANC2	268	562094	77287.1	-4528.38
2015	201508	E-SANC1	50	23344	3279.42	-509.19
2015	201508	E-SANC2	215	639467	85699.8	-26864.7
2014	201401	E-SANC2	195	476052	63694.8	-25185.9
2014	201401	E-SANC1	57	14398	1987.82	-551.57
2014	201405	E-SANC2	204	366346	49207.1	-26183.8
2014	201407	E-SANC2	216	552198	74521.1	-28956.5
2015	201501	E-SANC1	46	11567	1732.42	-447.83
2015	201506	E-SANC1	65	20829	3070.78	-800.52
2015	201509	E-SANC1	58	25122	3644.54	-621.56
2014	201402	E-SANC2	193	444917	59663.5	-47368.2
2014	201406	E-SANC2	200	493029	66268.8	-30399
2014	201406	E-SANC1	78	36260	5048.01	-807.94
2015	201410	E-SANC3	145	1845986	244516	-60502.8
2015	201410	E-SANC2	227	443502	59842.1	-27595.6
2015	201503	E-SANC1	54	9983	1622.06	-643.85
2015	201505	E-SANC1	52	11690	1760.66	-551.82
2015	201508	E-SANC3	123	2062132	278472	-54681.5
2014	201311	E-SANC3	118	1177835	155142	-48480.3
2014	201312	E-SANC2	195	420148	56439.9	-29047.4
2014	201404	E-SANC3	119	1104837	144461	-50714.2
2014	201407	E-SANC3	133	2230300	293978	-63002.4
2014	201409	E-SANC3	124	2055181	270508	-61720.9
2015	201412	E-SANC2	265	434684	59365.5	-38304.1
2015	201412	E-SANC1	54	10056	1422.83	-641.59
2015	201501	E-SANC3	108	1113931	150065	-35560.3
2015	201504	E-SANC2	234	332974	45869.1	-33159.7
2014	201310	E-SANC1	53	15157	2026.83	-418.91
2014	201310	E-SANC3	105	1450643	183527	-42796.1
2014	201408	E-SANC2	216	563568	76168.9	-28287.5
2015	201410	E-SANC1	48	13548	1866.25	-417.53
2015	201504	E-SANC3	158	1392725	187744	-64760.5
2015	201507	E-SANC2	224	585580	80633.1	-31287.6
2014	201311	E-SANC1	82	20161	2778.1	-841.4
2014	201403	E-SANC2	205	391187	52548.3	-30133.8
2014	201403	E-SANC3	111	1185998	157570	-46503.9
2014	201404	E-SANC1	74	16812	2322.83	-785.62
2014	201405	E-SANC1	65	16317	2261.3	-632.52
2014	201409	E-SANC2	214	609919	82228.5	-27165.9
2014	201409	E-SANC1	50	24847	3436.45	-478.97
2015	201411	E-SANC3	144	1427183	192770	-59020.1
2015	201502	E-SANC3	146	1491313	201432	-53755
2015	201503	E-SANC3	141	1456125	197339	-44969.8
2015	201503	E-SANC2	272	518800	71683.1	-35813.4
2015	201505	E-SANC2	233	363385	50052.8	-28304.2
2014	201312	E-SANC3	89	987715	130477	-36966.6
2014	201403	E-SANC1	61	13439	1824.61	-660.2
2014	201405	E-SANC3	116	1241685	163342	-46185.1
2015	201412	E-SANC3	125	1064036	138564	-49113.2
2015	201501	E-SANC2	232	475202	65337.6	-26988.7
2015	201502	E-SANC2	241	399408	55063.7	-58967.2
2015	201509	E-SANC2	230	633162	87342.6	-27925.7
2015	201509	E-SANC3	124	2042838	275777	-61558.7
2014	201310	E-SANC2	197	471159	60591.2	-26000.9
2014	201311	E-SANC2	209	358798	47886.7	-30616.5
2014	201312	E-SANC1	53	11930	1678.9	-561.53
2014	201401	E-SANC3	79	1022832	135374	-32269
2014	201404	E-SANC2	202	307398	41261.5	-27565.9
2014	201408	E-SANC3	125	2038153	266101	-60276.4
2015	201411	E-SANC1	52	11949	1686.32	-543.33
2015	201505	E-SANC3	145	1457321	196743	-58623.8
2015	201507	E-SANC3	136	2132865	287647	-71457.5
2015	201507	E-SANC1	89	24080	439.62	-3301.6

Row Labels	Sum of BILLS	Sum of KWH_USE	Sum of CALC_AMT	Sum of ISD_DISC
Grand Total	**22,706**	**459,904,894**	**$49,462,313**	**-$5,547,627**

FISCAL_YR	GL_MTH	RS_CD	BILLS	KWH_USE	CALC_AMT	ISD_DISC
2014	201310	E-TESSEC	1	74828	6857.04	-739.67
2014	201401	E-TESSEC	2	103603	11773.3	-1308.13
2014	201404	E-SEC2	147	358356	59660.3	-6629.02
2014	201406	E-TESSEC	0	0	887.88	-96.44
2014	201407	E-SEC3	207	1.2E+07	1398710	-159477
2014	201408	E-SEC1	492	637824	73356.4	-8151.07
2014	201409	E-SEC2	211	883629	83773.9	-9308.3
2015	201410	E-SEC1	626	1552944	152114	-16901.9
2015	201411	E-SEC3	239	1.9E+07	1968658	-219132
2015	201506	E-TESSEC	2	125913	13043.1	-1449.24
2015	201507	E-TESSEC	1	47411	5174.88	-574.99
2015	201508	E-SEC2	153	514278	63874.5	-7097.23
2014	201310	E-SEC3	218	2E+07	1932798	-214543
2014	201311	E-TESSEC	1	53676	5658.93	-628.77
2014	201312	E-SEC1	621	1779390	166609	-18512.4
2014	201401	E-SEC2	61	408531	48158.1	-5350.94
2014	201405	E-SEC2	149	506269	58491.5	-7132.18
2015	201410	E-SEC2	227	590217	77251.3	-8583.51
2015	201502	E-SEC2	216	576071	94136.1	-10459.7
2015	201502	E-TESSEC	1	49166	6422.11	-713.57
2015	201503	E-TESSEC	1	50195	7172.62	-796.96
2015	201504	E-SEC1	491	321297	37060.9	-4118.19
2015	201509	E-SEC3	235	2.5E+07	2589222	-291625
2014	201310	E-SEC1	637	1606711	159995	-17777.5
2014	201406	E-SEC3	239	2E+07	2097151	-241065
2014	201409	E-TESSEC	1	87425	8492.51	-721.38
2015	201412	E-SEC3	236	1.5E+07	1648037	-183935
2015	201501	E-SEC1	501	790345	79756.6	-8862.04
2015	201502	E-SEC1	489	564803	59083.5	-6565.04
2015	201502	E-SEC3	239	1.5E+07	1646018	-186619
2015	201502	E-SPORT	13	124280	11267.4	-1251.95
2015	201503	E-SEC3	237	1.6E+07	1725505	-193852
2015	201503	E-SPORT	13	156300	14128.5	-1569.86
2015	201504	E-SEC2	217	429009	74971.5	-8549.15
2015	201506	E-SEC1	505	459806	56120.8	-6235.99
2015	201506	E-SPORT	13	69700	7104.33	-789.39
2015	201509	E-SPORT	13	113180	11803	-1311.47
2015	201509	E-TESSEC	1	69068	7241.66	-804.63
2014	201312	E-SEC3	218	1.5E+07	1630475	-181188
2014	201401	E-SEC3	214	1.4E+07	1497774	-166450
2014	201402	E-SEC1	545	499401	49190.4	-5465.76
2014	201404	E-SEC3	217	1.7E+07	1767934	-196479
2014	201405	E-SEC3	234	1.7E+07	1790040	-201481
2014	201409	E-SEC3	229	2.6E+07	2622251	-292096
2015	201501	E-SEC2	216	710387	103200	-11466.8
2015	201501	E-SPORT	13	105200	9559.02	-1062.11
2015	201503	E-SEC1	491	677093	69291.5	-7699.28
2015	201504	E-TESSEC	1	59419	5781.64	-642.41
2015	201506	E-SEC3	237	1.9E+07	2131065	-240235
2015	201507	E-SEC1	526	428053	53457.3	-5939.99
2015	201508	E-SEC3	236	2E+07	2113321	-239232
2014	201310	E-SEC2	60	370038	38457.9	-4273.09
2014	201311	E-SEC1	620	1322054	125758	-13973.6
2014	201402	E-SEC2	122	579933	75530.9	-8392.5
2014	201403	E-SEC1	-41	-2453635	-223952	24883.7
2014	201403	E-SEC3	267	1.8E+07	1987819	-220881
2014	201404	E-SEC1	552	979871	95274.4	-10586.4
2014	201407	E-SEC2	194	380961	55837	-6182
2015	201411	E-SEC1	549	2548251	243546	-27060.9
2015	201412	E-SEC1	515	453732	49418.2	-5491.23
2015	201501	E-TESSEC	2	94652	12007.7	-1334.19
2015	201507	E-SEC2	172	499976	65689.9	-7555.59
2015	201509	E-SEC2	157	634297	76901.2	-8544.66
2014	201402	E-SEC3	234	1.6E+07	1708661	-189877
2014	201406	E-SEC2	143	328998	54646.2	-5438.77
2014	201408	E-SEC3	227	1.8E+07	1985728	-221658
2015	201412	E-SEC2	216	490850	88302.8	-9811.51
2015	201412	E-TESSEC	1	52842	6702.29	-744.7
2015	201503	E-SEC2	217	700497	108928	-12207.7
2015	201504	E-SEC3	237	1.6E+07	1708520	-192969
2015	201505	E-SEC2	216	401990	64237.2	-7137.54
2015	201505	E-SPORT	13	100360	9131.53	-1014.63
2015	201508	E-SEC1	538	599055	71555.8	-7950.98
2014	201403	E-SEC2	700	845708	171731	-19081.6
2014	201405	E-SEC1	547	975670	94860.5	-10540.3
2014	201405	E-TESSEC	1	64233	11274.5	-1252.75
2014	201408	E-TESSEC	3	165555	19028.4	-2114.26
2014	201409	E-SEC1	485	812406	91141.1	-10127
2015	201410	E-SEC3	257	2.2E+07	2241611	-249895
2015	201411	E-SEC2	259	589383	95351.2	-10594.8
2015	201411	E-TESSEC	0	0	2033.41	-225.93
2015	201505	E-SEC1	499	384438	42932.6	-4770.66
2015	201507	E-SEC3	248	1.7E+07	1879478	-213420
2015	201507	E-SPORT	13	76980	8084.15	-898.24
2015	201509	E-SEC1	543	775444	90206	-10023.3
2014	201311	E-SEC3	228	1.7E+07	1796256	-199579
2014	201311	E-SEC2	59	325847	38551.8	-4283.6
2014	201312	E-SEC2	61	379283	44411.8	-4934.68
2014	201401	E-SEC1	620	2073351	192734	-21415.3
2014	201403	E-TESSEC	2	95150	9484.81	-1053.87
2014	201406	E-SEC1	543	1065543	117954	-13106.2
2014	201407	E-SEC1	487	698248	79460.1	-8829.17
2014	201408	E-SEC2	190	520187	66289.6	-7365.61
2015	201410	E-TESSEC	2	155044	13486.2	-1498.47
2015	201501	E-SEC3	233	1.6E+07	1700018	-190622
2015	201504	E-SPORT	13	111020	10081	-1120.1
2015	201505	E-SEC3	236	1.8E+07	1864140	-210375
2015	201506	E-SEC2	220	552911	76491.4	-8704.67
2015	201508	E-SPORT	13	78780	8270.92	-919.02

From: Mickelson, Christopher
Sent: 1/21/2016 10:27:51 PM
To: Dreyfus, Mark; Maenius, Russell (Rusty); Oberwortmann, John
Cc: English, Philip (Barksdale); Dombroski, Mark
Subject: RE: Dollar value of discounts

The total discount amounts are as followed:

- ISD gets $2,779,652 (a $204,475 increase due to 20% on base rates compared to 10% on total bill).

- Military gets $42,813.

- LTC (military) gets $53,958.

- LTC (state) gets $2,818,739.

We will have to follow up with HOW later, too much math at this hour of the night.

Chris

Christopher T. Mickelson | Regulatory Planner Utility | Austin Energy

ph: (512) 505-3730 | christopher.mickelson@austinenergy.com

This e-mail and any attachments states the informal opinions of Austin Energy staff, offered as technical assistance, and are not intended as legal advice. We reserve the right to amend these opinions should circumstances change or additional information be brought to our attention. Staff's opinions are not binding on the City Council. In addition, the information contained in this e-mail and any attachments are intended only for the addressee shown above. It may contain information that is privileged, confidential, or otherwise protected from disclosure. Any review, dissemination, or use of this transmittal or its contents by anyone other than the addressee is strictly prohibited.

From: Dreyfus, Mark
Sent: Thursday, January 21, 2016 6:40 PM
To: Maenius, Russell (Rusty); Mickelson, Christopher; Oberwortmann, John
Cc: English, Philip (Barksdale); Dombroski, Mark
Subject: RE: Dollar value of discounts

Might as well throw in the military bases while you're at it.

Thanks

Mark Dreyfus | Vice President, Regulatory Affairs & Corporate Communications | Austin Energy
721 Barton Springs Rd. | Austin, TX 78704-1145 | (512) 322-6544 (office)

From: Dreyfus, Mark
Sent: Thursday, January 21, 2016 6:25 PM
To: Maenius, Rusty (Rusty.Maenius@austinenergy.com); Mickelson, Christopher; Oberwortmann, John
Cc: Barksdale.English@austinenergy.com; Dombroski, Mark (Mark.Dombroski@austinenergy.com)
Subject: Dollar value of discounts

Gentlemen,

In preparation for the Council discussion on Monday, could you please provide me with the following:

Total dollar value of ISD discount.

Estimate of what the HOW discount has been in prior years.

Thanks

Mark Dreyfus | Vice President, Regulatory Affairs & Corporate Communications | Austin Energy
721 Barton Springs Rd. | Austin, TX 78704-1145 | (512) 322-6544 (office)

From:	Grant Rabon [grabon@newgenstrategies.net]
Sent:	12/22/2015 5:35:45 PM
To:	Dombroski, Mark; Dreyfus, Mark
Cc:	Max Bernt; Oberwortmann, John; Maenius, Russell (Rusty); Mickelson, Christopher; Lara, Jose; Gardner, Colleen; English, Philip (Barksdale); Joe Mancinelli
Subject:	Rate Phase-In Plan
Attachments:	image001.jpg;Rate Phase-In Memo.pdf;

Mark,

Per your request, in the attached memo I have summarized the rate and revenue impacts of the phase-in plan we discussed. Please let me know if you have any questions regarding this analysis.

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Memorandum

To: Mark Dombroski
Mark Dreyfus
From: Grant Rabon
Cc: Barksdale English
Date: December 22, 2015
Re: Rate Phase-In Analysis

NewGen Strategies and Solutions, LLC (NewGen) was tasked by Austin Energy (AE) to evaluate the impact of a gradual phase-in of rate adjustments to bring the Residential customer class and select commercial customer classes closer to cost of service. This plan involves the gradual increase in the Residential customer charge and a corresponding decrease in commercial energy charges.

Every $1 increase in the Residential customer charge will generate approximately $4.1 million in additional annual revenue that can be used to transition the commercial classes closer to cost of service on a revenue neutral basis to AE. Further, increasing the Residential customer charge and decreasing the commercial energy charges will add stability to AE's revenue.

Table 1 summarizes the possible annual reductions to energy charges by customer class if AE increases the Residential customer charge $1 per month.

Table 1: Projected Annual Energy Rate Decreases by Customer Class

Customer Class	Inside City Limits ($/kWh)	Outside City Limits ($/kWh)
Secondary Voltage 10 - <300 kW	0.00097	0.00095
Secondary Voltage ≥300 kW	0.00053	0.00051
Primary Voltage <3 MW	0.00034	0.00034
Primary Voltage 3 - <20 MW	0.00013	0.00012
Primary Voltage ≥20 MW	0.00005	0.00005

If AE increases the Residential customer charge $1 each year for four years this phase-in plan is projected to result in a gradual, managed transition towards cost of service as shown Table 2.

Memorandum

Table 2: Projected Transition Towards Cost of Service by Customer Class

Customer Class	Proposed Rates	Step 1	Step 2	Step 3	Step 4
Projected Annual Under/(Over) Recovery ($)					
Residential	55,544,984	51,444,559	47,344,134	43,243,709	39,143,285
Secondary Voltage 10 - <300 kW	(34,936,815)	(32,376,322)	(29,818,993)	(27,258,500)	(24,701,171)
Secondary Voltage ≥300 kW	(17,516,986)	(16,239,071)	(14,959,152)	(13,681,237)	(12,401,317)
Primary Voltage <3 MW	(2,218,522)	(2,056,737)	(1,895,341)	(1,733,946)	(1,572,550)
Primary Voltage 3 - <20 MW	(1,032,648)	(959,527)	(885,918)	(812,310)	(739,189)
Primary Voltage ≥20 MW	(881,475)	(816,509)	(751,542)	(686,575)	(621,609)
Projected Required Increase/(Decrease) in Base Rates to Reach Cost of Service (%)					
Residential	21.6	19.7	17.8	16.0	14.3
Secondary Voltage 10 - <300 kW	-23.7	-22.4	-21.0	-19.5	-18.0
Secondary Voltage ≥300 kW	-15.3	-14.4	-13.4	-12.4	-11.3
Primary Voltage <3 MW	-12.8	-12.0	-11.1	-10.3	-9.4
Primary Voltage 3 - <20 MW	-5.5	-5.1	-4.8	-4.4	-4.0
Primary Voltage ≥20 MW	-2.8	-2.6	-2.4	-2.2	-2.0

This result can also be quantified in terms of annual average and overall impacts on revenue and proximity to cost of service by customer class, as shown in Table 3. For example, the Residential customer class is projected to transition from an approximately $55.5 million under-recovery from base rates to an approximately $39.1 million under-recovery. This represents an overall change in annual base revenue of approximately $16.4 million, or an additional $4.1 million per year in each year of the rate phase-in. Correspondingly, to reach full cost of service recovery the Residential customer class is projected to move from the need for a 21.6% increase in base rates to the need for a 14.3% increase in base rates over the course of the rate phase-in. In Table 3 this is shown as an overall 7.3% change (21.6% - 14.3%) in the required base rate increase, or 1.8% per year in each year of the rate phase-in. Since all customer classes are transitioning closer to cost of service, the percentages in Table 3 are all positive amounts (i.e., reflecting a reduction in the required change to base rates to reach cost of service).

Memorandum

Table 3: Impact on Revenue and Proximity to Cost of Service by Customer Class

Customer Class	Annual Average	Overall (Steps 1 – 4)
Revenue Reduction ($)		
Residential	(4,100,425)	(16,401,699)
Secondary Voltage 10 - <300 kW	2,558,911	10,235,644
Secondary Voltage ≥300 kW	1,278,917	5,115,669
Primary Voltage <3 MW	161,493	645,972
Primary Voltage 3 - <20 MW	73,365	293,459
Primary Voltage ≥20 MW	64,967	259,867
Reduction in Required Change to Base Rates to Reach Cost of Service (%)		
Residential	1.8	7.3
Secondary Voltage 10 - <300 kW	1.4	5.7
Secondary Voltage ≥300 kW	1.0	4.0
Primary Voltage <3 MW	0.8	3.4
Primary Voltage 3 - <20 MW	0.4	1.5
Primary Voltage ≥20 MW	0.2	0.8

From: Grant Rabon [grabon@newgenstrategies.net]
Sent: 12/21/2015 5:01:14 PM
To: Dreyfus, Mark
Cc: Max Bernt; Maenius, Russell (Rusty); Oberwortmann, John; Lara, Jose; Gardner, Colleen; English, Philip (Barksdale); Dombroski, Mark; Mickelson, Christopher
Subject: Discounts
Attachments: image001.jpg;AE Discount Summary.xlsx;

Mark,

Per your request, I have developed the attached Excel worksheet to summarize the discounts under proposed rates. Please let me know if there is anything further we could provide that would be helpful.

Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
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NewGen Strategies & Solutions

Discounts under Proposed Rates

	CAP	HOW	State (excluding LTC)	Military	ISD	LTC	Total	
Residential	$ 9,626,828	$ -	$ -	$ -	$ -	$ -	$ 9,626,828	Recovered via CAP pass-through charge
Secondary Voltage < 10 kW	-	-	-	548	99,657	-	$ 100,205	
Secondary Voltage ≥ 10 < 300 kW	-	-	-	29,966	972,037	28,754	$ 1,030,757	
Secondary Voltage ≥ 300 kW	-	-	-	12,299	1,707,959	2,843,943	$ 4,564,200	
Primary Voltage < 3 MW	-	-	-	-	-	225,640	$ 225,640	
Primary Voltage ≥ 3 < 20 MW	-	-	-	-	-	705,489	$ 705,489	
Primary Voltage ≥ 20 MW	-	-	-	-	-	-	$ -	
Transmission Voltage	-	-	-	-	-	77,368	$ 77,368	
Transmission Voltage ≥ 20 MW @ 85% aLF	-	-	-	-	-	-	$ -	
Service Area Street Lighting	-	-	-	-	-	-	$ -	
AE-Owned Private Outdoor Lighting	-	-	-	-	-	-	$ -	
Customer-Owned Non-Metered Lighting	-	-	-	-	-	-	$ -	
Customer-Owned Metered Lighting	-	-	-	-	5,129	-	$ 5,129	
Total	$ 9,626,828	$ -	$ -	$ 42,813	$ 2,784,782	$ 3,881,194	$ 16,335,616	

The summary above does not include the impact of the accommodation for S2 and S3 customers with <20% Load Factor. The impact of this accommodation is summarized below.

	With Accommodation	Without Accommodation	Difference
Base Revenues Under Proposed Rates			
Secondary Voltage ≥ 10 < 300 kW	$ 147,336,314	$ -	$ (147,336,314)
Secondary Voltage ≥ 300 kW	$ 114,412,095	$ -	$ (114,412,095)
	$ 261,748,409	$ -	$ (261,748,409)

The summary below quantifies the expected State discount after the LTC expire.

	Current Rates	Proposed Rates	Difference ($)
Discount Summary			
Before Contracts Expire			
LTC Accounts [1]	4,532,274	3,881,194	(651,080)
State Accounts	-	-	-
Total	4,532,274	3,881,194	(651,080)
After Contracts Expire [2]			
LTC Accounts		2,237,458	
State Accounts		1,038,373	
Total		3,275,830	
Difference Between Before and After Contracts Expire			
LTC Accounts		(1,643,736)	
State Accounts		1,038,373	
Total		(605,364)	

Notes:

[1] Assumes LTC customers charged the PSA (rather than FAC)

[2] Assumes same proposed rates; State accounts and LTC receive 20% discount on base rates

From:	Dreyfus, Mark
Sent:	12/14/2015 3:12:11 PM
To:	Dombroski, Mark; English, Philip (Barksdale); Vice, Jeffrey (Jeff); Rose, Andrea; Goodson-Collins, Toye
Subject:	2015 12 15 City Council Briefing--COS and Rate Review.pptx
Attachments:	2015 12 15 City Council Briefing--COS and Rate Review.pptx;

Here's the slimmed down briefing package for Council. I deleted all but the most critical of the figures. Lemme know ASAP if you have any additional suggestions.

Thanks Mark

Austin Energy Cost of Service and Rate Review

December 15, 2015

Current Schedule Highlights

- December 14, 2015—Electric Utility Commission briefing on Revenue Requirement and Cost of Service
- December 15, 2015—City Council Work Session briefing
- January 11, 2016—Special called EUC meeting (tentative)
- January 25, 2016—EUC briefing on rate design recommendations
- January 28, 2016—Utility Oversight Committee briefing on rate design recommendations
- End January, 2016—Begin proceedings before Impartial Hearings Examiner
- April 22, 2016—Impartial Hearings Examiner recommendations report released
- April & May 2016—hold three Council Work Sessions
- June 2016—hold two Council public hearings
- June 23, 2016—final Council decision meeting

Steps in Cost of Service and Rate Setting

- Revenue Requirement
- Cost Allocation
- Rate Design

Austin Energy's Objectives

- Transparent process
- Fairness for all customers
- Focus on affordability
- Adhere to applicable State and local laws and policies
- Sustain long-term financial health of the utility

Guiding Policies and Principles

- Affordability Goals:
  - 2 percent per year
  - Competitiveness
- Austin Energy Strategic Plan
- City of Austin Climate Protection Plan (2007) and Austin Energy Resource Generation Plan to 2025
- Financial Policies of the City of Austin and 2012 Rate Ordinance

Austin Energy's Evolving Financial Challenge: Restoring Financial Health

- 2012 Rate Review: first Cost of Service study in 17 years
  - Declining reserves
  - Imbalances among customer classes
  - Rate structure not aligned with strategic posture of Austin Energy
- Settlement of appeal to Public Utility Commission:
  - $66 million annual rate increase
  - Sustained realignment of rates and programs
- Significant progress in restoring financial health of Austin Energy

Austin Energy's Evolving Financial Challenge: " the Business Model"

- Changes in our community:
  - Urbanization
  - Share of multi-family properties
- Changes in the electric industry:
  - Distributed generation/solar expansion
  - Energy efficiency
  - Building codes
  - Load management
  - Emergence of electric vehicles
- Community goals:
  - 30 years of energy efficiency leadership
  - Austin Climate Protection Plan
  - Austin Energy Resource Generation Plan to 2025

Austin Energy's Evolving Financial Challenge: Long-run Revenue Stability

"Our public is on a path to use less energy, but demand for public infrastructure to deliver reliable service and support modernized systems is unabated."

- Average residential customer usage is declining over time
- Customer growth continues
- Need for infrastructure remains strong

How do we fund the infrastructure?

From:	Dreyfus, Mark
Sent:	12/14/2015 2:38:35 PM
To:	Dombroski, Mark; English, Philip (Barksdale); Vice, Jeffrey (Jeff); Rose, Andrea
Subject:	2015 12 14 EUC Briefing--COS and Rate Review.pptx
Attachments:	2015 12 14 EUC Briefing--COS and Rate Review.pptx;

As far as I know, this is the final COS briefing deck for the EUC tonight. I am going to strip out a bunch of slides for the Council tomorrow, so the Council deck will be much smaller.

Please give it a last look for any changes.

Thanks Mark

Austin Energy Cost of Service and Rate Review

December 14, 2015

Current Schedule Highlights

- December 14, 2015—Electric Utility Commission briefing on Revenue Requirement and Cost of Service
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- Need for infrastructure remains strong

How do we fund the infrastructure?

From: Maenius, Russell (Rusty)
Sent: 11/23/2015 1:25:50 PM
To: Grant Rabon
Cc: Dombroski, Mark; Oberwortmann, John; Mickelson, Christopher; Gardner, Colleen
Subject: RE: AE RFP
Attachments: image001.jpg;

Grant,

Based on this morning' s meeting, let' s implement the following:

1. Develop a seasonal PSA
2. Use 40.26% summer weighting since there is historical support for it
3. Produces slightly higher summer PSA v. winter

Chris – Send your 3 year historical support to Grant and save a copy in our files.

Thanks

Rusty

From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Monday, November 23, 2015 1:05 PM
To: Maenius, Russell (Rusty)
Subject: FW: AE RFP

Rusty,

Can you provide me with policy guidance on the seasonal PSA issue per the emails below?

Thanks!

Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@ newgenstrategies.net
Please visit our website at www.newgenstrategies.net

From: Mickelson, Christopher [mailto:Christopher.Mickelson@austinenergy.com]
Sent: Monday, November 23, 2015 12:59 PM
To: Grant Rabon < grabon@newgenstrategies.net > ; Lara, Jose < Jose.Lara@austinenergy.com > ; Oberwortmann, John < John.Oberwortmann@austinenergy.com > ; Maenius, Russell (Rusty) < Rusty.Maenius@austinenergy.com > ; Gardner, Colleen < Colleen.Gardner@austinenergy.com >
Cc: Max Bernt < mbernt@newgenstrategies.net > ; Joe Mancinelli < jmancinelli@newgenstrategies.net > ; Mirick, Mark < Mark.Mirick@austinenergy.com >
Subject: RE: AE RFP

Good questions, but that will need to be answered by someone above my pay scale.

Personally speaking, I would say yes to reflect the small differential based on the 40.26% for the following reasons: 1) it reflects the price signals we want to show in our variable cost even if it is small due to NG markets, 2) we are able to justify the 40.26% since it is based on a historical 3-year average, and 3) it will slightly help offset the bill impacts of removing the seasonality out of AE' s base tier rates.

Chris

Christopher T. Mickelson | Regulatory Planner Utility | Austin Energy

ph: (512) 505-3730 | christopher.mickelson@austinenergy.com

This e-mail and any attachments states the informal opinions of Austin Energy staff, offered as technical assistance, and are not intended as legal advice. We reserve the right to amend these opinions should circumstances change or additional information be brought to our attention. Staff's opinions are not binding on the City Council. In addition, the information contained in this e-mail and any attachments are intended only for the addressee shown above. It may contain information that is privileged, confidential, or otherwise protected from disclosure. Any review, dissemination, or use of this transmittal or its contents by anyone other than the addressee is strictly prohibited.

From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Monday, November 23, 2015 12:22 PM
To: Mickelson, Christopher; Lara, Jose; Oberwortmann, John; Maenius, Russell (Rusty); Gardner, Colleen
Cc: Max Bernt; Joe Mancinelli; Mirick, Mark
Subject: RE: AE RFP

Chris,

Agreed. The differential will be small, but summer will be higher than non-summer. If the differential based on 40.26% summer costs yields less than 1% difference between summer and non-summer PSA would AE like to reflect this small differential or, for the near-term, simply use the same rate for both seasons? As a point of reference, at 40.0817710686316% summer costs, based on everything currently within the PSA, the summer and non-summer PSA would be identical. This is within the 38.91% and 41.23% range identified for FY 2013 through FY 2015.

Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123

grabon@ newgenstrategies.net
Please visit our website at www.newgenstrategies.net

NewGen Strategies & Solutions

From: Mickelson, Christopher [mailto:Christopher.Mickelson@austinenergy.com]
Sent: Monday, November 23, 2015 11:21 AM
To: Grant Rabon < grabon@newgenstrategies.net > ; Lara, Jose < Jose.Lara@austinenergy.com > ; Oberwortmann, John < John.Oberwortmann@austinenergy.com > ; Maenius, Russell (Rusty) < Rusty.Maenius@austinenergy.com > ; Gardner, Colleen < Colleen.Gardner@austinenergy.com >
Cc: Max Bernt < mbernt@newgenstrategies.net > ; Joe Mancinelli < jmancinelli@newgenstrategies.net > ; Mirick, Mark < Mark.Mirick@austinenergy.com >
Subject: RE: AE RFP

Grant,

FYI - for the seasonal fuel, if we take the three year average of summer PSA costs (the information that Mark Mirick provided on 11/16 @ 1:48p) that gives us a 40.26% weighting in summer that produces rates slightly higher in the summer vs the winter (compared to the results you were getting with winter slightly higher than summer) with minimal balance difference throughout all classes.

Chris

Christopher T. Mickelson | Regulatory Planner Utility | Austin Energy

ph: (512) 505-3730 | christopher.mickelson@austinenergy.com

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From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Sunday, November 22, 2015 3:35 PM
To: Lara, Jose; Oberwortmann, John; Maenius, Russell (Rusty); Gardner, Colleen; Mickelson, Christopher
Cc: Max Bernt; Joe Mancinelli
Subject: AE RFP

I have uploaded a current version of the AE RFP to the FTP site with the filename ' AE RFP 112215' . I plan to be at Monday' s meeting in-person and we can utilize this version of the model for our discussion.

Grant Rabon | NewGen Strategies & Solutions

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grabon@ newgenstrategies.net
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NewGen Strategies & Solutions

From: Mickelson, Christopher
Sent: 11/19/2015 7:24:57 AM
To: Dombroski, Mark
Cc: Maenius, Russell (Rusty); Oberwortmann, John; Mirick, Mark
Subject: Non-Seasonal Rate Structure Charts
Attachments: Non-Seasonal Rate Structure.xlsx;

Mark,

Here are the monthly charts you asked for yesterday. I have three charts: 1) one that is total bill comparing current rates to a non-seasonal structure rate design using actual monthly average usage; 2) another that is the same as number 1, but shows it as stacks between fuel and everything else (cbc, reg, base); and 3) this one take the number 2 but uses the hypothetical 1,000 kWh, which does a better job at showing how our base revenue doesn't change through the year, just the fuel. Let me know, if you have any edits or tweaks you would want to see done to them.

Keep in mind, the rates will likely changes, so we will have to update once we have final rates, but the structure is sound.

Chris

Christopher T. Mickelson | Regulatory Planner Utility

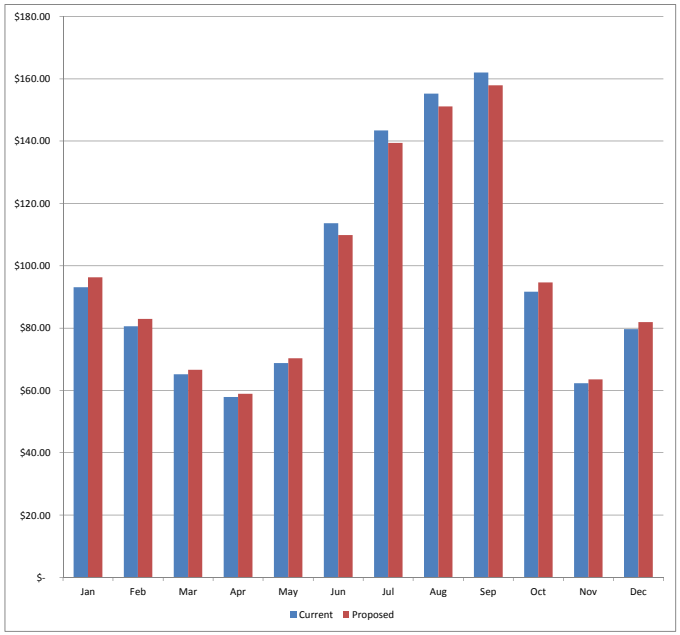
Austin Energy | Finance and Corporate Services Division

Town Lake Center | 721 Barton Springs Road, Austin, TX 78704-1194

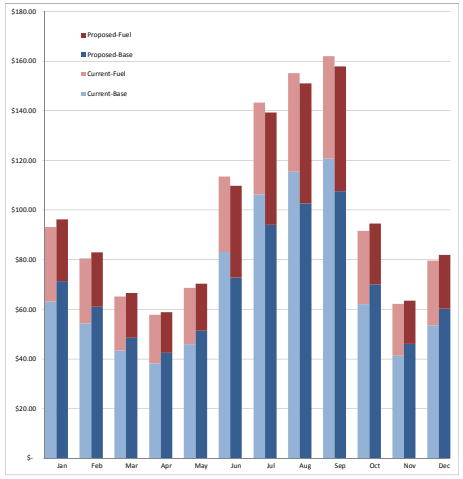
ph: (512) 505-3730 | christopher.mickelson@austinenergy.com

This e-mail and any attachments states the informal opinions of Austin Energy staff, offered as technical assistance, and are not intended as legal advice. We reserve the right to amend these opinions should circumstances change or additional information be brought to our attention. Staff's opinions are not binding on the City Council. In addition, the information contained in this e-mail and any attachments are intended only for the addressee shown above. It may contain information that is privileged, confidential, or otherwise protected from disclosure. Any review, dissemination, or use of this transmittal or its contents by anyone other than the addressee is strictly prohibited.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Current	$ 93.14	$ 80.62	$ 65.20	$ 57.92	$ 68.73	$ 113.64	$ 143.43	$ 155.22	$ 162.04	$ 91.65	$ 62.31	$ 79.65	$ 1,173.54
Proposed	$ 96.26	$ 82.97	$ 66.61	$ 58.88	$ 70.36	$ 109.90	$ 139.38	$ 151.11	$ 157.89	$ 94.67	$ 63.54	$ 81.95	$ 1,173.51
Usage	954	837	693	625	726	970	1,182	1,265	1,313	940	666	828	10,999 917
Rate Components													
Customer Charge	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	
CBC	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	
Reg	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	
Fuel	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	
Seasonal Fuel	$ 0.02609	$ 0.02609	$ 0.02609	$ 0.02609	$ 0.02609	$ 0.03827	$ 0.03827	$ 0.03827	$ 0.03827	$ 0.02609	$ 0.02609	$ 0.02609	
T1	$ 0.01800	$ 0.01800	$ 0.01800	$ 0.01800	$ 0.01800	$ 0.03300	$ 0.03300	$ 0.03300	$ 0.03300	$ 0.01800	$ 0.01800	$ 0.01800	
T2	$ 0.05600	$ 0.05600	$ 0.05600	$ 0.05600	$ 0.05600	$ 0.08000	$ 0.08000	$ 0.08000	$ 0.08000	$ 0.05600	$ 0.05600	$ 0.05600	
T3	$ 0.07200	$ 0.07200	$ 0.07200	$ 0.07200	$ 0.07200	$ 0.09100	$ 0.09100	$ 0.09100	$ 0.09100	$ 0.07200	$ 0.07200	$ 0.07200	
T1 - Non-Seasonal	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	
T2 - Non-Seasonal	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	
T3 - Non-Seasonal	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	
Current													
Customer Charge	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 120.00
T1	$ 9.00	$ 9.00	$ 9.00	$ 9.00	$ 9.00	$ 16.50	$ 16.50	$ 16.50	$ 16.50	$ 9.00	$ 9.00	$ 9.00	$ 138.00
T2	$ 25.42	$ 18.87	$ 10.81	$ 7.00	$ 12.66	$ 37.60	$ 40.00	$ 40.00	$ 40.00	$ 24.64	$ 9.30	$ 18.37	$ 284.66
T3	$ -	$ -	$ -	$ -	$ -	$ -	$ 16.56	$ 24.12	$ 28.48	$ -	$ -	$ -	$ 69.16
Reg	$ 13.49	$ 11.84	$ 9.80	$ 8.84	$ 10.27	$ 13.72	$ 16.71	$ 17.89	$ 18.57	$ 13.29	$ 9.42	$ 11.71	$ 155.53
CBC	$ 5.29	$ 4.64	$ 3.84	$ 3.46	$ 4.02	$ 5.37	$ 6.55	$ 7.01	$ 7.27	$ 5.21	$ 3.69	$ 4.59	$ 60.93
Fuel	$ 29.95	$ 26.27	$ 21.75	$ 19.62	$ 22.79	$ 30.45	$ 37.10	$ 39.71	$ 41.22	$ 29.51	$ 20.91	$ 25.99	$ 345.26
Total	$ 93.14	$ 80.62	$ 65.20	$ 57.92	$ 68.73	$ 113.64	$ 143.43	$ 155.22	$ 162.04	$ 91.65	$ 62.31	$ 79.65	$ 1,173.54
Proposed													
Customer Charge	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 120.00
T1	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 141.48
T2	$ 30.81	$ 22.87	$ 13.10	$ 8.48	$ 15.34	$ 31.89	$ 33.93	$ 33.93	$ 33.93	$ 29.86	$ 11.26	$ 22.26	$ 287.66
T3	$ -	$ -	$ -	$ -	$ -	$ -	$ 15.17	$ 22.09	$ 26.09	$ -	$ -	$ -	$ 63.34
Reg	$ 13.49	$ 11.84	$ 9.80	$ 8.84	$ 10.27	$ 13.72	$ 16.71	$ 17.89	$ 18.57	$ 13.29	$ 9.42	$ 11.71	$ 155.53
CBC	$ 5.29	$ 4.64	$ 3.84	$ 3.46	$ 4.02	$ 5.37	$ 6.55	$ 7.01	$ 7.27	$ 5.21	$ 3.69	$ 4.59	$ 60.93
Fuel	$ 24.89	$ 21.84	$ 18.08	$ 16.31	$ 18.94	$ 37.12	$ 45.24	$ 48.41	$ 50.25	$ 24.52	$ 17.38	$ 21.60	$ 344.58
Total	$ 96.26	$ 82.97	$ 66.61	$ 58.88	$ 70.36	$ 109.90	$ 139.38	$ 151.11	$ 157.89	$ 94.67	$ 63.54	$ 81.95	$ 1,173.51
Difference													
Customer Charge	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
T1	$ 2.79	$ 2.79	$ 2.79	$ 2.79	$ 2.79	$ (4.71)	$ (4.71)	$ (4.71)	$ (4.71)	$ 2.79	$ 2.79	$ 2.79	$ 3.48
T2	$ 5.38	$ 4.00	$ 2.29	$ 1.48	$ 2.68	$ (5.71)	$ (6.07)	$ (6.07)	$ (6.07)	$ 5.22	$ 1.97	$ 3.89	$ 2.99
T3	$ -	$ -	$ -	$ -	$ -	$ -	$ (1.39)	$ (2.03)	$ (2.40)	$ -	$ -	$ -	$ (5.82)
Reg	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CBC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fuel	$ (5.06)	$ (4.44)	$ (3.67)	$ (3.31)	$ (3.85)	$ 6.67	$ 8.13	$ 8.70	$ 9.03	$ (4.98)	$ (3.53)	$ (4.39)	$ (0.68)
Total	$ 3.12	$ 2.35	$ 1.41	$ 0.96	$ 1.62	$ (3.74)	$ (4.04)	$ (4.11)	$ (4.14)	$ 3.03	$ 1.23	$ 2.29	$ (0.03)

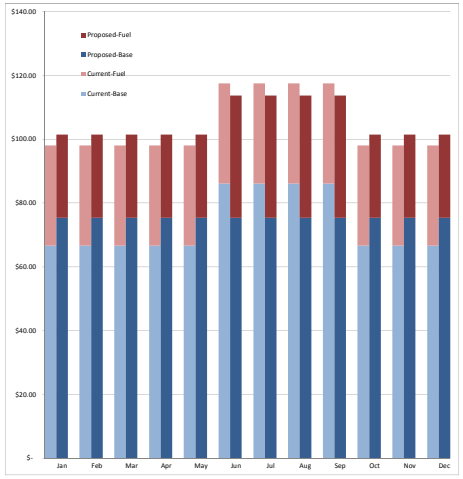


Usage	954	837	693	625	726	970	1,182	1,265	1,313	940	666	828	10,999 917
Rate Components													
Customer Charge	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	
CBC	$0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	
Reg	$0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	
Fuel	$0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	
Seasonal Fuel	$0.02609	$ 0.02609	$ 0.02609	$ 0.02609	$ 0.02609	$ 0.03827	$ 0.03827	$ 0.03827	$ 0.03827	$ 0.02609	$ 0.02609	$ 0.02609	
T1	$0.01800	$ 0.01800	$ 0.01800	$ 0.01800	$ 0.01800	$ 0.03300	$ 0.03300	$ 0.03300	$ 0.03300	$ 0.01800	$ 0.01800	$ 0.01800	
T2	$0.05600	$ 0.05600	$ 0.05600	$ 0.05600	$ 0.05600	$ 0.08000	$ 0.08000	$ 0.08000	$ 0.08000	$ 0.05600	$ 0.05600	$ 0.05600	
T3	$0.07200	$ 0.07200	$ 0.07200	$ 0.07200	$ 0.07200	$ 0.09100	$ 0.09100	$ 0.09100	$ 0.09100	$ 0.07200	$ 0.07200	$ 0.07200	
T1 - Non-Seasonal	$0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	
T2 - Non-Seasonal	$0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	
T3 - Non-Seasonal	$0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	
Current													
Customer Charge	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 120.00
T1	$ 9.00	$ 9.00	$ 9.00	$ 9.00	$ 9.00	$ 16.50	$ 16.50	$ 16.50	$ 16.50	$ 9.00	$ 9.00	$ 9.00	$ 138.00
T2	$ 25.42	$ 18.87	$ 10.81	$ 7.00	$ 12.66	$ 37.60	$ 40.00	$ 40.00	$ 40.00	$ 24.64	$ 9.30	$ 18.37	$ 284.66
T3	$ -	$ -	$ -	$ -	$ -	$ -	$ 16.56	$ 24.12	$ 28.48	$ -	$ -	$ -	$ 69.16
Reg	$ 13.49	$ 11.84	$ 9.80	$ 8.84	$ 10.27	$ 13.72	$ 16.71	$ 17.89	$ 18.57	$ 13.29	$ 9.42	$ 11.71	$ 155.53
CBC	$ 5.29	$ 4.64	$ 3.84	$ 3.46	$ 4.02	$ 5.37	$ 6.55	$ 7.01	$ 7.27	$ 5.21	$ 3.69	$ 4.59	$ 60.93
Fuel	$ 29.95	$ 26.27	$ 21.75	$ 19.62	$ 22.79	$ 30.45	$ 37.10	$ 39.71	$ 41.22	$ 29.51	$ 20.91	$ 25.99	$ 345.26
Total	$ 93.14	$ 80.62	$ 65.20	$ 57.92	$ 68.73	$ 113.64	$ 143.43	$ 155.22	$ 162.04	$ 91.65	$ 62.31	$ 79.65	$ 1,173.54
Proposed													
Customer Charge	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 120.00
T1	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 141.48
T2	$ 30.81	$ 22.87	$ 13.10	$ 8.48	$ 15.34	$ 31.89	$ 33.93	$ 33.93	$ 33.93	$ 29.86	$ 11.26	$ 22.26	$ 287.66
T3	$ -	$ -	$ -	$ -	$ -	$ -	$ 15.17	$ 22.09	$ 26.09	$ -	$ -	$ -	$ 63.34
Reg	$ 13.49	$ 11.84	$ 9.80	$ 8.84	$ 10.27	$ 13.72	$ 16.71	$ 17.89	$ 18.57	$ 13.29	$ 9.42	$ 11.71	$ 155.53
CBC	$ 5.29	$ 4.64	$ 3.84	$ 3.46	$ 4.02	$ 5.37	$ 6.55	$ 7.01	$ 7.27	$ 5.21	$ 3.69	$ 4.59	$ 60.93
Fuel	$ 24.89	$ 21.84	$ 18.08	$ 16.31	$ 18.94	$ 37.12	$ 45.24	$ 48.41	$ 50.25	$ 24.52	$ 17.38	$ 21.60	$ 344.58
Total	$ 96.26	$ 82.97	$ 66.61	$ 58.88	$ 70.36	$ 109.90	$ 139.38	$ 151.11	$ 157.89	$ 94.67	$ 63.54	$ 81.95	$ 1,173.51
Difference													
Customer Charge	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
T1	$ 2.79	$ 2.79	$ 2.79	$ 2.79	$ 2.79	$ (4.71)	$ (4.71)	$ (4.71)	$ (4.71)	$ 2.79	$ 2.79	$ 2.79	$ 3.48
T2	$ 5.38	$ 4.00	$ 2.29	$ 1.48	$ 2.68	$ (5.71)	$ (6.07)	$ (6.07)	$ (6.07)	$ 5.22	$ 1.97	$ 3.89	$ 2.99
T3	$ -	$ -	$ -	$ -	$ -	$ -	$ (1.39)	$ (2.03)	$ (2.40)	$ -	$ -	$ -	$ (5.82)
Reg	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CBC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fuel	$ (5.06)	$ (4.44)	$ (3.67)	$ (3.31)	$ (3.85)	$ 6.67	$ 8.13	$ 8.70	$ 9.03	$ (4.98)	$ (3.53)	$ (4.39)	$ (0.68)
Total	$ 3.12	$ 2.35	$ 1.41	$ 0.96	$ 1.62	$ (3.74)	$ (4.04)	$ (4.11)	$ (4.14)	$ 3.03	$ 1.23	$ 2.29	$ (0.03)



Months	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Current-Base	$ 63.20	$ 54.34	$ 43.45	$ 38.30	$ 45.94	$ 83.19	$ 106.32	$ 115.51	$ 120.82	$ 62.14	$ 41.40	$ 53.66
Current-Fuel	$ 29.95	$ 26.27	$ 21.75	$ 19.62	$ 22.79	$ 30.45	$ 37.10	$ 39.71	$ 41.22	$ 29.51	$ 20.91	$ 25.99
Proposed-Fuel	$ 24.89	$ 21.84	$ 18.08	$ 16.31	$ 18.94	$ 37.12	$ 45.24	$ 48.41	$ 50.25	$ 24.52	$ 17.38	$ 21.60
Proposed-Base	$ 71.37	$ 61.13	$ 48.53	$ 42.57	$ 51.41	$ 72.77	$ 94.15	$ 102.70	$ 107.65	$ 70.15	$ 46.16	$ 60.34

Usage	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000
																1,000
Rate Components																
Customer Charge	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	
CBC	$0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	$ 0.00554	
Reg	$0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	$ 0.01414	
Fuel	$0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	$ 0.03139	
Seasonal Fuel	$0.02609	$ 0.02609	$ 0.02609	$ 0.02609	$ 0.02609	$ 0.03827	$ 0.03827	$ 0.03827	$ 0.03827	$ 0.03827	$ 0.02609	$ 0.02609	$ 0.02609	$ 0.02609	$ 0.02609	
T1	$0.01800	$ 0.01800	$ 0.01800	$ 0.01800	$ 0.01800	$ 0.03300	$ 0.03300	$ 0.03300	$ 0.03300	$ 0.03300	$ 0.01800	$ 0.01800	$ 0.01800	$ 0.01800	$ 0.01800	
T2	$0.05600	$ 0.05600	$ 0.05600	$ 0.05600	$ 0.05600	$ 0.08000	$ 0.08000	$ 0.08000	$ 0.08000	$ 0.08000	$ 0.05600	$ 0.05600	$ 0.05600	$ 0.05600	$ 0.05600	
T3	$0.07200	$ 0.07200	$ 0.07200	$ 0.07200	$ 0.07200	$ 0.09100	$ 0.09100	$ 0.09100	$ 0.09100	$ 0.09100	$ 0.07200	$ 0.07200	$ 0.07200	$ 0.07200	$ 0.07200	
T1 - Non-Seasonal	$0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	$ 0.02358	
T2 - Non-Seasonal	$0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	$ 0.06786	
T3 - Non-Seasonal	$0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	$ 0.08334	
Current																
Customer Charge	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 120.00
T1	$ 9.00	$ 9.00	$ 9.00	$ 9.00	$ 9.00	$ 16.50	$ 16.50	$ 16.50	$ 16.50	$ 9.00	$ 9.00	$ 9.00	$ 9.00	$ 9.00	$ 9.00	$ 138.00
T2	$ 28.00	$ 28.00	$ 28.00	$ 28.00	$ 28.00	$ 40.00	$ 40.00	$ 40.00	$ 40.00	$ 28.00	$ 28.00	$ 28.00	$ 28.00	$ 28.00	$ 28.00	$ 384.00
T3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reg	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 169.68
CBC	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 66.48
Fuel	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 376.68
Total	$ 98.07	$ 98.07	$ 98.07	$ 98.07	$ 98.07	$ 117.57	$ 117.57	$ 117.57	$ 117.57	$ 98.07	$ 98.07	$ 98.07	$ 98.07	$ 98.07	$ 98.07	$ 1,254.84
Proposed																
Customer Charge	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 10.00	$ 120.00
T1	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 11.79	$ 141.48
T2	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 33.93	$ 407.16
T3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reg	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 14.14	$ 169.68
CBC	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 5.54	$ 66.48
Fuel	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 38.27	$ 38.27	$ 38.27	$ 38.27	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 361.80
Total	$ 101.49	$ 101.49	$ 101.49	$ 101.49	$ 101.49	$ 113.67	$ 113.67	$ 113.67	$ 113.67	$ 101.49	$ 101.49	$ 101.49	$ 101.49	$ 101.49	$ 101.49	$ 1,266.60
Difference																
Customer Charge	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
T1	$ 2.79	$ 2.79	$ 2.79	$ 2.79	$ 2.79	$ (4.71)	$ (4.71)	$ (4.71)	$ (4.71)	$ 2.79	$ 2.79	$ 2.79	$ 2.79	$ 2.79	$ 2.79	$ 3.48
T2	$ 5.93	$ 5.93	$ 5.93	$ 5.93	$ 5.93	$ (6.07)	$ (6.07)	$ (6.07)	$ (6.07)	$ 5.93	$ 5.93	$ 5.93	$ 5.93	$ 5.93	$ 5.93	$ 23.16
T3	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Reg	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CBC	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fuel	$ (5.30)	$ (5.30)	$ (5.30)	$ (5.30)	$ (5.30)	$ 6.88	$ 6.88	$ 6.88	$ 6.88	$ (5.30)	$ (5.30)	$ (5.30)	$ (5.30)	$ (5.30)	$ (5.30)	$ (14.88)
Total	$ 3.42	$ 3.42	$ 3.42	$ 3.42	$ 3.42	$ (3.90)	$ (3.90)	$ (3.90)	$ (3.90)	$ 3.42	$ 3.42	$ 3.42	$ 3.42	$ 3.42	$ 3.42	$ 11.76

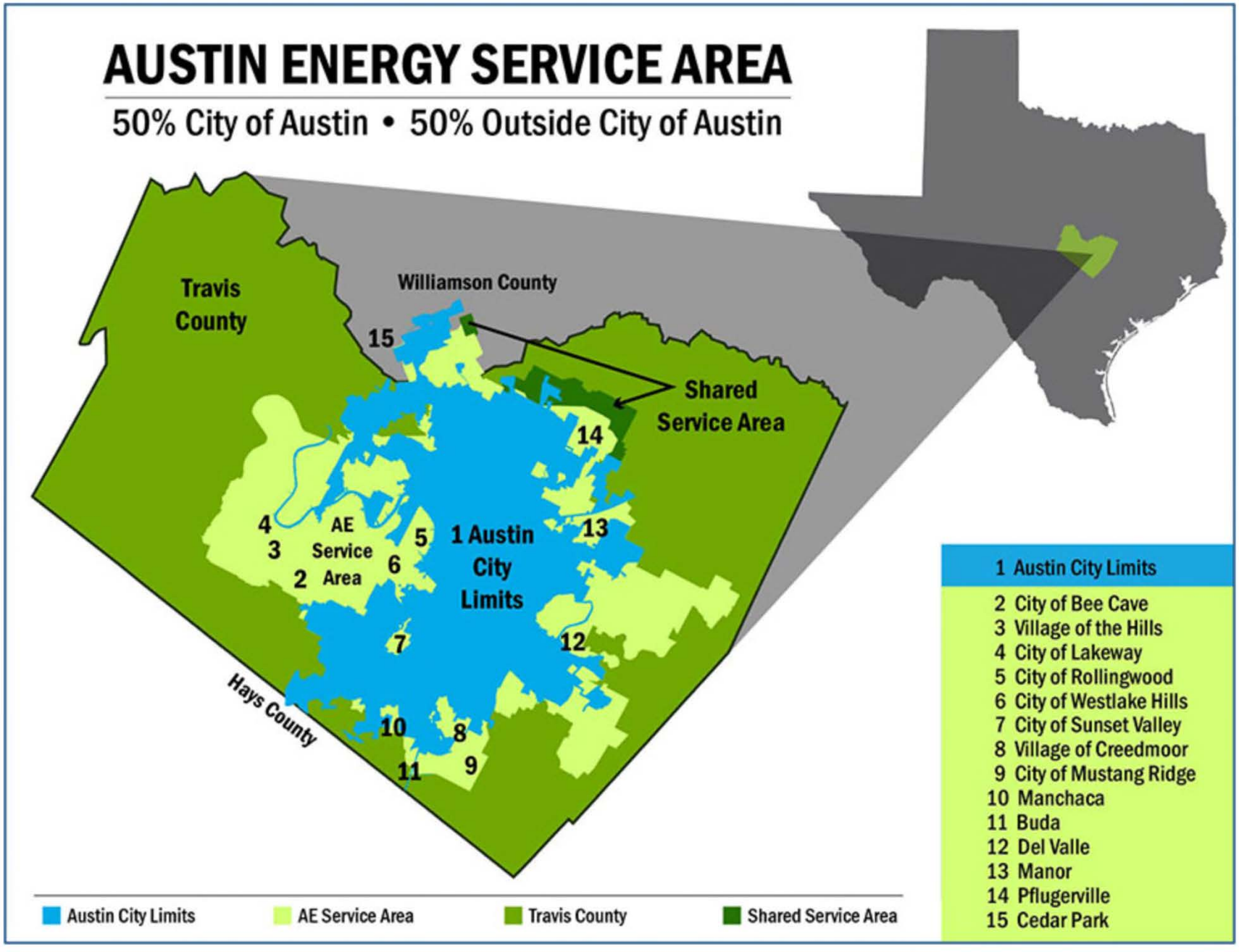


Months	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Current-Base	$ 66.68	$ 66.68	$ 66.68	$ 66.68	$ 66.68	$ 86.18	$ 86.18	$ 86.18	$ 86.18	$ 66.68	$ 66.68	$ 66.68
Current-Fuel	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39	$ 31.39
Proposed-Fuel	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 38.27	$ 38.27	$ 38.27	$ 38.27	$ 26.09	$ 26.09	$ 26.09
Proposed-Base	$ 75.40	$ 75.40	$ 75.40	$ 75.40	$ 75.40	$ 75.40	$ 75.40	$ 75.40	$ 75.40	$ 75.40	$ 75.40	$ 75.40

Residential	*Oct-13*	*Nov-13*	*Dec-13*	*Jan-14*	*Feb-14*	*Mar-14*	*Apr-14*	*May-14*	*Jun-14*	*Jul-14*	*Aug-14*	*Sep-14*	*Total*
Load	363,479,117	256,713,509	319,235,780	369,608,155	324,968,800	270,583,893	244,619,433	284,542,958	383,104,176	469,139,727	505,173,386	523,530,507	4,314,699,441
Customers	386,852	385,254	385,691	387,574	388,116	390,259	391,123	392,038	395,142	396,835	399,405	398,637	4,696,926
Average	940	666	828	954	837	693	625	726	970	1,182	1,265	1,313	919
													10,999

BOMA: AE Proposed 2016 Rates

Mark Dombroski, Interim General Manager


AUSTIN ENERGY SERVICE AREA
50% City of Austin • 50% Outside City of Austin
Travis County
Williamson County
Hays County
Shared Service Area
AE Service Area
1 Austin City Limits
1 Austin City Limits
2 City of Bee Cave
3 Village of the Hills
4 City of Lakeway
5 City of Rollingwood
6 City of Westlake Hills
7 City of Sunset Valley
8 Village of Creedmoor
9 City of Mustang Ridge
10 Manchaca
11 Buda
12 Del Valle
13 Manor
14 Pflugerville
15 Cedar Park
Austin City Limits
AE Service Area
Travis County
Shared Service Area

Unlike Other Parts of Texas, Rates Reflect Community Values

- Austin Energy is one of two large, city-owned utilities in Texas that provide full electric services
- 3rd largest in U.S., after San Antonio and Los Angeles
- State law allows the Austin City Council to set rates, serve a specified area without competition
- Austin's values are:
  - Affordable and competitive rates (lower 50%)
  - Rates that reflect cost of service
  - High reliability and excellent customer service
  - 5X current renewable content as the State as a whole by 2025
  - Exceptional energy efficiency and weatherization
  - Unmatched discounts for low-income customers
  - General Fund Transfer ($105 million) as a dividend

Objectives

- Meet or exceed City policies and goals
- Transparent process
- Fairness for all customers
- Focus on affordability and 'livability'
- Adhere to applicable State and local laws and policies
- Sustain long-term financial health of the utility

Why Now?

- We said we would revisit rates every 5 years; last test year was 2009
- Things changed
  - Nodal market began
  - Average residential use dropped substantially; many more multifamily units
  - Added tens of thousands of customers
- We are meeting the goals of the 2012 rate case
  - Rebuilding financial reserves that were dangerously low
  - Spending hundreds of millions on transmission and distribution improvements to meet growth needs
- We can reduce base rates now
- We need to continue to make progress bringing proportionality to cost of service and becoming more competitive

Big Picture

- We can cut $17.4 million and still meet City goals
- Meeting all goals but competitiveness, cost-of-service
  - Not in bottom half of Texas utilities; Problem is greatest for commercial rates
  - Some classes are 12-15% out of cost-of-service
- This review is more about who pays than how much is collected in rates
- City wants wide community participation in process

Community values, community involvement

What Happened to the 2012 Rate Increase?

- 3 consecutive fiscal years of positive net income by almost $160 million strengthen the utility's financial position.
- Transfers of $44 million in FY 2015 to Austin Energy's strategic reserves and $45 million in FY 2016 provide contingencies
- Increase in credit rating by Standard & Poor's Financial Services from "A-" to "AA-". A higher credit rating lowers interest when borrowing money.
- Some $50 million in transformers and $30 million in distribution improvements to meet residential growth. Another $18 million used on commercial growth; $10 million on downtown network improvements.
- Completed new Mueller and Dunlap substations and made major upgrades to the Garfield substation to increase distribution and transmission reliability. Built Stoney Ridge and Elroy substations to meet growth in the SH 130 area; upgraded Jett and Salem Walk substations.

What Have We Done To Cut Costs?

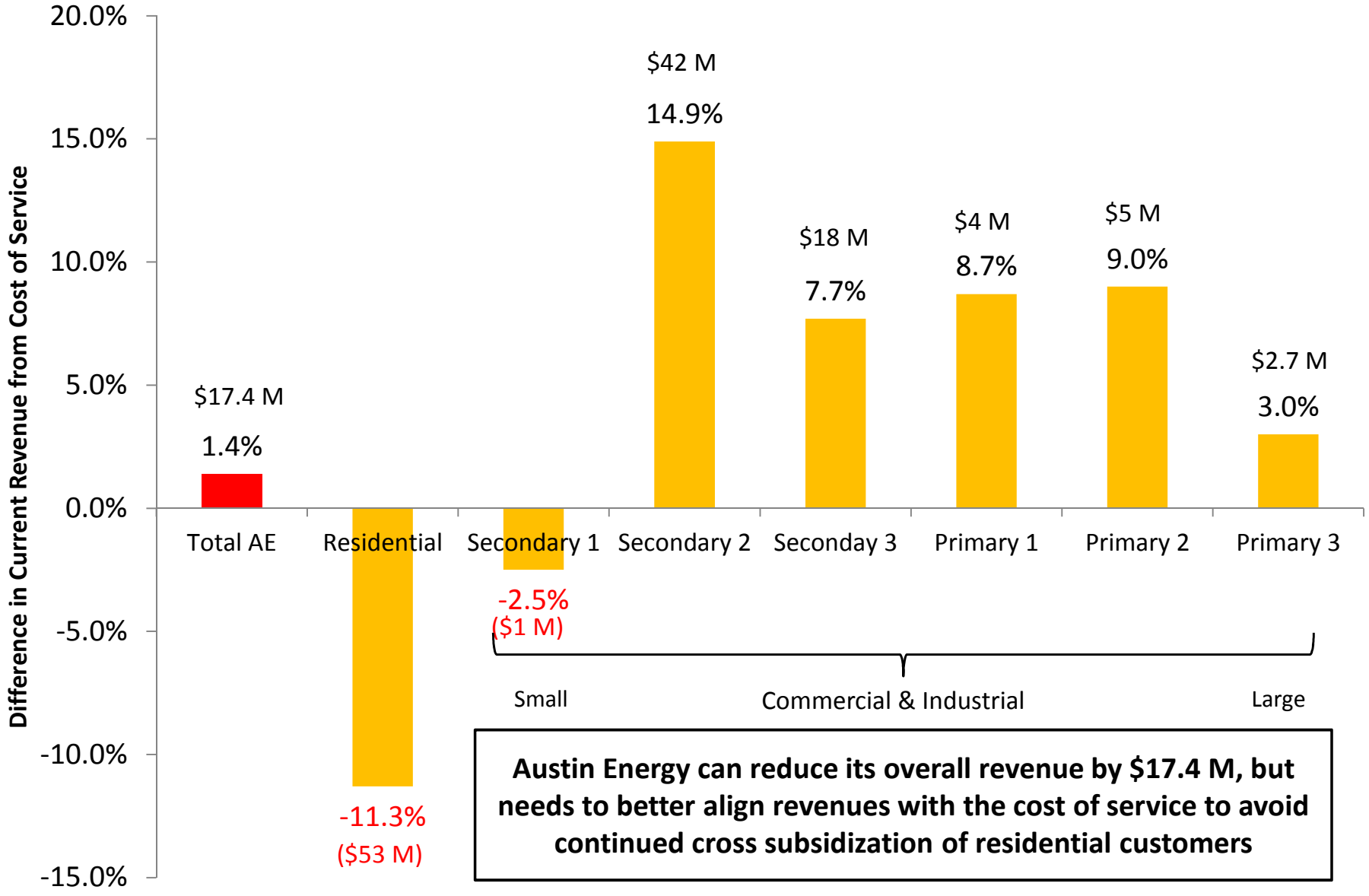
- Refinanced debt with lower interest rates
- Add some other items here please

Focus on Cost of Service

- Residential, as a group, underpays
  - 80% of residential customers never pay full cost of service
  - High-use residential overpays
- Medium, large businesses and manufacturing overpay

Community values, community involvement

Rate Proportionality Remains a Concern

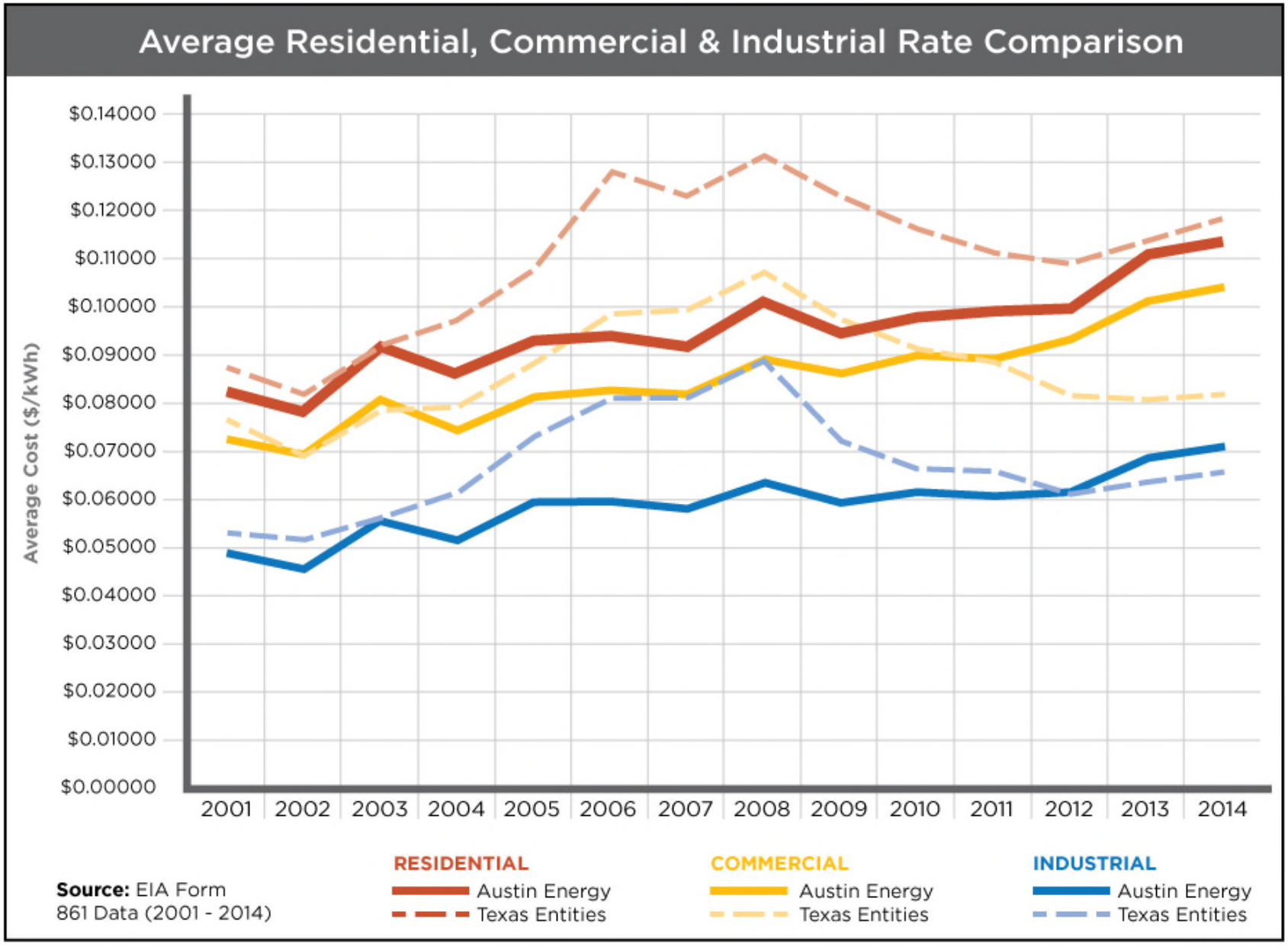


Austin Energy can reduce its overall revenue by $17.4 M, but needs to better align revenues with the cost of service to avoid continued cross subsidization of residential customers

Why are some customer classes so far from Cost of Service?

- Previous Rate Review was based on 2009 data. A lot has changed since then.
- Residential was $90M **(PLEASE CONFIRM)** under Cost of Service at the time of the last Rate Review. We closed the gap to $56M.
- The nodal market was implemented in ERCOT
- Large Commercial and Industrial customer contracts expired.
- A significant increase in the number of apartments/condos
- Increase in energy efficiency, and our residential 5-tier approach worked to encourage conservation

Residential vs. Commercial Competitiveness



Recommendations

Current and Proposed Customer Classes

Current Customer Classes	Proposed Customer Classes
Residential - Inside/Outside	Residential - Inside/Outside
Secondary 1 (< 10 KW) - Inside/Outside	Secondary 1 (< 10 KW) - Inside/Outside
Secondary 2 (10 to < 50 KW) - Inside/Outside	Secondary 2 (10 to < 300 KW) - Inside/Outside
Secondary 3 (50+ KW) - Inside/Outside	Secondary 3 (300+ KW) - Inside/Outside
Primary 1 (< 3MW) - Inside/Outside	Primary 1 (< 3MW) - Inside/Outside
Primary 2 (3 MW to < 20 MW) - Inside/Outside	Primary 2 (3 MW to < 20 MW) - Inside/Outside
Primary 3 (20+ MW) - Inside/Outside	Primary 3 (20+ MW) - Inside/Outside
Primary 4 (Contract / 20+ MW)	Primary 4 (Contract / 20+ MW)
Transmission Voltage - Inside/Outside	Transmission Voltage - Inside/Outside
Transmission Voltage (Contract / 20+ MW)	Transmission Voltage (Contract / 20+ MW)
Lighting - Inside/Outside	Lighting - Inside/Outside

Key Recommendation: Adjust Residential Rate Tiers

- Current 5-tier rate design recovers insufficient revenues for most customers.
  - Declining residential usage suggests continued instability in residential cost recovery.
- Flatten 5 residential tiers:
  - Better alignment with Cost of Service
  - Improve stability of cost recovery
- Rates will retain a tiered structure providing price signals to encourage conservation and energy efficiency investments.

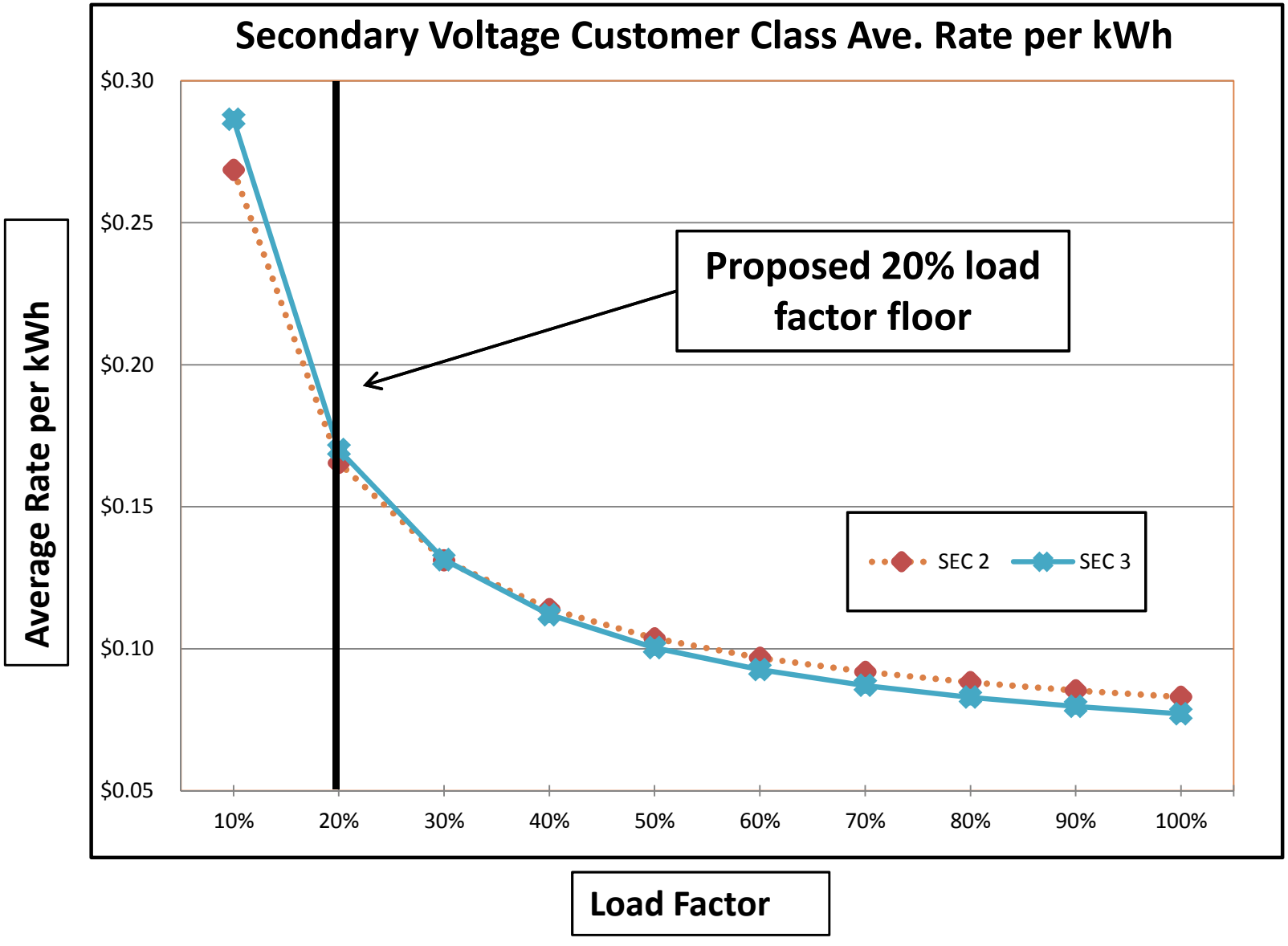
Proposed Residential Tiers

Residential Base Rates for Inside the City Limits Customers		
	Existing Rate	Proposed Rate
Basic Charges ($/month)		
Customer Charge	10.00	10.00
Delivery Charge	0.00	0.00
Summer Tier Rates ($/kWh)		
First Tier (0 – 500 kWh)	0.03300	0.03300
Second Tier (501 – 1,000 kWh)	0.08000	0.05600
Third Tier (1,001 – 1,500 kWh)	0.09100	0.07595
Fourth Tier (1,501 – 2,500 kWh)	0.11000	0.09100
Fifth Tier (2,501 kWh and over)	0.11400	0.10595
Non-Summer Tier Rates ($/kWh)		
First Tier (0 – 500)	0.01800	0.03300
Second Tier (501 – 1,000)	0.05600	0.05600
Third Tier (1,001 – 1,500)	0.07200	0.07595
Fourth Tier (1,501 – 2,500)	0.08400	0.09100
Fifth Tier (2,501 and over)	0.09600	0.10595

Key Recommendation: Small Commercial Classes

- **Maintain:** Policy adopted by Council (in FY16 budget) assigning customer classes based on the average of the peak demand from each of the 4 summer months.
  - Approximately 1,700 customers of 14,000 customers switched from S2 to S1 in January 2016 implementation.
- **Maintain:** 10 kW break point between S1 and S2 classes.
- **Add:** For S2 and S3, establish a load factor floor for Secondary customers of 20 percent load factor.
  - 3,300 customers in S2
  - 30 customers in S3
  - Shift of $7 million from low load factor Secondary customers to higher load factor Secondary customers.
- **Add:** New definitions of Secondary 2 (10 to < 50 KW) to (10 to < 300 KW) and Secondary 3 (300+ KW)

Secondary Customer Load Factor Floor



Proposed Commercial & Industrial Rates

Non-Residential Base Rates for Inside the City Limits Customers							
	<10 kW	10 - <300 kW	300+ kW	Primary < 3 MW	Primary 3–20 MW	>20 MW	Transmission
Customer Charge ($/month)	18.00	27.50	71.50	275.00	2,200.00	2,750.00	2,750.00
Delivery Charge ($/kW)	0.00	4.00	4.50	3.50	4.00	4.50	0.00
Demand Charge ($/kW)	0.00	5.75	7.25	8.50	9.50	10.25	12.00
Energy Charge ($/kWh)	0.05190	0.02421	0.01955	0.00500	0.00360	0.00300	0.00500

Proposed base rates only. Additional adjustments to the structure of the Regulatory Charge and the Community Benefit Charge are proposed to eliminate volatility in those charges.

Other Recommendations: Seasonality

- **Eliminate:** Seasonal fluctuation to base rates
  - Potentially burdensome to budget
  - Limited cost justification supporting seasonal factors
- **Adopt:** Seasonality in Power Supply Adjustment (PSA)
  - 4 months of summer, 8 months of non-summer PSA

Other Recommendations: Uniformity in Pass-through Charges

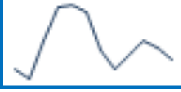
- **Maintain:** Current Power Supply Adjustment (PSA) policy sets charge as a "uniform rate."
  - Similar policy/rate calculation for all customer classes.
  - Adjusted by voltage level for line losses.
- **Maintain:** Current Customer Assistance Program (CAP), energy efficiency services and service area street lighting rate policies.
- **Adopt:** One Regulatory Charge for each customer segment
  - Secondary: Residential & small commercial, medium & large commercial
  - Primary: Large Industrial
  - Transmission: Customer owns their onsite substation
- **Adopt:** Greater uniformity in calculation of Community Benefit Charge.
  - Need to explain the change with achieving uniformity. What is the change to the

Recommended Discounts

- **Maintain:** Existing discount for Independent School Districts.
- **Maintain:** $5.75 million discount for outside city customers adopted in 2013 settlement.
- **Recommendation:** Provide State account discount at conclusion of current contract.
- **Recommendation:** Add discount for military bases.
- **Recommendation:** Conclude transition providing rate discount for house of worship accounts, discontinuing the house of worship rate.
- **Recommendation:** For all commercial customers receiving a discount, set discounts in a uniform manner, at 20 percent off of base rates.

Potential Rate Impacts

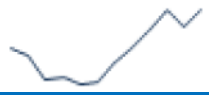
S2 Impact—Monthly Bill Comparison

Type of Use	Retail	Restaurant	ISD	Utility	Office	Medical	Service	HOW	HOW
Average Bill									
Existing	$983	$729	$838	$534	$434	$405	$314	$192	$136
Proposed	$932	$691	$773	$498	$411	$357	$296	$246	$182
Variance Proposed to Existing	-$52	-$38	-$66	-$36	-$23	-$48	-$18	$53	$47
Percent Change	-5%	-5%	-8%	-7%	-5%	-12%	-6%	28%	34%
Average									
Monthly kWh	7,894	6,503	5,940	4,277	2,971	2,277	2,214	1,475	1,040
Monthly KW	33.1	19.8	28.6	15.0	16.1	17.2	10.8	16.5	17.7
Peak KW	41.4	21.6	40.4	18.9	24.9	28.0	13.8	21.4	24.0
Load Factor	33.5%	44.7%	41.6%	39.1%	26.0%	18.7%	28.8%	12.4%	8.3%
In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge.
Calculated from the monthly usage patterns of actual customers.

S3 Impact—Monthly Bill Comparison

Type of Use	Utility	ISD	Retail	Medical	Office	Restaurant	Retail	HOW	HOW
Average Bill									
Existing	$32,868	$32,634	$32,310	$25,181	$16,432	$11,765	$11,818	$10,530	$6,594
Proposed	$31,835	$31,920	$31,520	$24,895	$16,174	$11,577	$11,577	$10,451	$8,072
Variance Proposed to Existing	-$1,032	-$713	-$790	-$285	-$258	-$188	-$241	-$79	$1,478
Percent Change	-3%	-2%	-2%	-1%	-2%	-2%	-2%	-1%	22%
Average									
Monthly kWh	316,200	304,167	289,500	279,850	172,650	127,433	116,425	86,550	50,525
Monthly KW	965.0	1000.0	1027.5	619.5	433.0	276.0	337.0	358.3	641.0
Peak KW	1059.0	1160.0	1130.0	663.0	516.0	316.0	405.0	489.0	840.0
Load Factor	44.6%	41.6%	38.5%	62.0%	56.2%	62.7%	47.2%	33.4%	10.9%

In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge.
Calculated from the monthly usage patterns of actual customers.

Next Steps

- Publish rates report and proposed tariffs
- Publish Cost of Service model
- Finalize procedural rules
- Begin discovery process before Impartial Hearings Examiner
- Outreach to customer groups to encourage participation

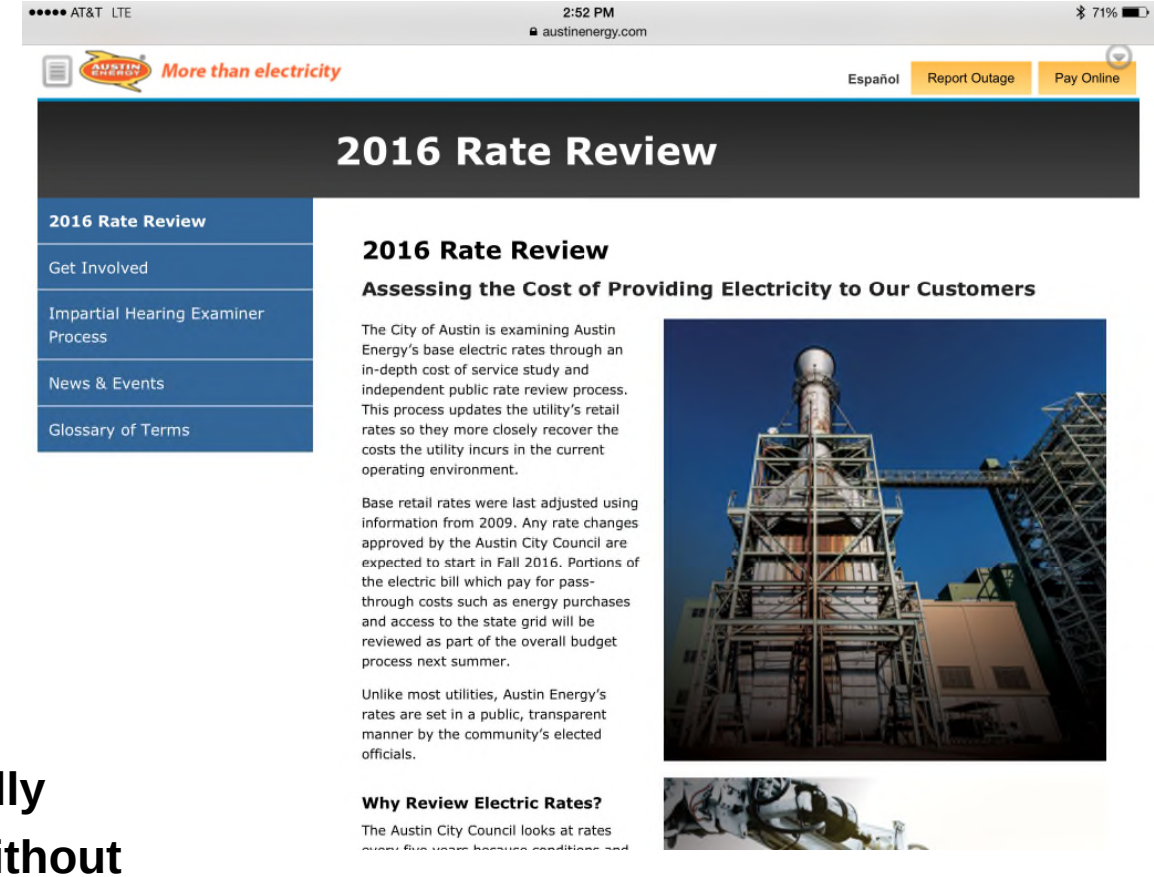
Community values, community involvement

Current Schedule Highlights

- December 14, 2015—Electric Utility Commission briefing on Revenue Requirement and Cost of Service
- December 15, 2015—City Council Work Session briefing
- January 14, 2016—Pre-hearing conference
- January 25, 2016—Release of AE's Rates Report to Council
- January 25, 2016—Utility Oversight Committee briefing on rate design recommendations
- January 25, 2016—EUC briefing on rate design recommendations
- End January, 2016—Begin proceedings before Impartial Hearings Examiner
- May 6, 2016—Impartial Hearings Examiner recommendations report released
- May & June 2016—hold three Council Work Sessions
- June 2016—hold two Council public hearings
- June 23, 2016—final Council decision meeting

We Encourage Customers To Participate

- **Informal:**
  - **Web Page: from austinenergy.com select "rates"**
  - **Sign up for e-mail alerts**
  - **Review documents, posted on the web page of the Office of the City Clerk**
  - **View hearings to be archived on the City's website**



- **Formal:**
  - **Participate fully**
  - **Accessible without representation**
  - **Directions available on the web**
  - **Forms available for download**

2016 Rate Review Considerations

July 28, 2015 ▪ 10:30a – 1:30p (working lunch)
Town Lake Center, Conference Room 501
721 Barton Springs Road, Austin, Texas

AGENDA

1. **CALL MEETING TO ORDER**

2. **INTRODUCTIONS**

3. **COST OF SERVICE STUDY PROCESS**
   a. Discuss procedures and players.
   b. Present proposed schedule and milestones, subject to change by Council and IHE:

COS Update Complete	October 15 (*2015*)
EUC Prelim Briefing	November 16
EUC Formal Briefing	December 14
UOC Formal Briefing	January 13 (*2016*)
UOC Order to IHE	February 5
RFI Process Begins	February 8
Testimony Due	February 29
Rebuttal Due	March 14
RFI Process Closes	March 18
IHE Hearing	April 4
IHE's "PFD" Due	April 29
UOC Work Sessions	May 12 thru June 9
EUC Recommendation	June 13
Council Public Hearings	June 23 and June 30
Council Action	July 14
Rates Implemented	October 1

4. **RATE CONSIDERATIONS**
   a. Modify non-demand and demand charge threshold on small commercial customers (NewGen report) or apply a small demand charge to SEC 1 rate schedule.
   b. Change how rate schedule determination is calculated; instead of being based on demand during customer's 4CP make it either an annual average or rolling 12-month average demand.
   c. Create inclining demand and declining energy tiers for non-residential rate schedules.
   d. Standardize the Thermal Energy Storage rates across primary, secondary and transmission customers (discount rider).
   e. Increase power factor threshold (95%) or create reactive power charge (kvar or kvarh).
   f. Create single- and three-phase meter customer charges.
   g. Standardize the inside/outside rate structures.

h. Remove SAL from CBC and imbed within base rates.
i. Align residential tier structure with customer demand (lifeline/inelastic and elastic usage).
j. Redesign our TOUs rates for all schedules.
k. Swap seasonal rates or remove seasonality from base rates.
l. Move capacity portion of PPAs into base rates.
m. Create an annual/monthly minimum amount for large/extra-large non-residential schedules.
n. Adjust the Power Supply Adjustment monthly, quarterly, semi-annually or seasonally.
o. Create a postage stamp lighting rate.
p. Increase customer charges (all schedules) and introduce a delivery charge for residential.
q. Move 1st tier rates closer to actual cost of service.
r. Calculate CBC and Regulatory charges on a system basis, not on rate schedules. In addition, for non-residential schedule have it charged on a kW, instead of kWh basis.
s. Create a network rate schedule.
t. Change how we apply (or account for) HOW, ISD and CAP discounts.
u. Add a military and public university discount.
v. Prorate (or create a daily) customer charge, instead of complete wavier for less than 10 days of service.
w. Change allocation factors within Cost of Service Study (a real AED, BIP, Winter/Summer, Peak and Average, All Peak Hours Approach, Equivalent Peaker Method, and Base & Peak Method).
x. Create new mechanisms like a LRAM or conservation savings adjustment.
y. Propose a three-year rate plan to keep up with growth and inflation.
z. Limit funding for CAP or EES within rates.
aa. Spin-off our Chilled Water operations into a vertically integrated department.
bb. Create a conversion factor / net-to-gross adjustment within the COS model.
cc. Apply two COS models, a cash basis for inside the city and a rate of return for outside the city.
dd. Unbundle Rates to show what costs would still be required even if deregulated.
ee. Make TX State Depts. its own customer class within the COS model.

5. **AFFORDIBILITY GOALS**
   a. Discuss "[t]he affordability goal, intended to make the Resource Plan as predictable as possible, calls for Austin Energy to operate so as to control all-in (base, fuel, riders, etc.) rate increases to residential, commercial, and industrial customers to 2% or less."[1]
   b. Discuss "[i]n addition, the goal is to maintain AE's current all-in competitive rates in the lower 50 percent of Texas rates overall."[2]
   c. Discuss "[t]he affordability goal will apply immediately upon implementation of Austin Energy's revised rates, based on the review currently underway which will reset AE's revenue requirements in 2012."[3]
      i. How do we define the goals?
      ii. How do we measure the metrics?

6. **WORK ASSIGNMENTS / ACTION ITEMS**
   a. Identify what needs to be done next and who is responsible.

7. **ADJOURNMENT**

[1] From a 2011 City Council meeting minutes.
[2] *Id.*
[3] *Id.*

RESIDENTIAL

Rates

- Threshold Question: Maintain outside city limit customer rate structure to be consistent with HURF settlement agreement but updated for revised cost of service or return to uniform rates?.
- Eliminate seasonal rate differences while adding a seasonal PSA. Proposed seasonal PSA will result in summer rates continuing to be higher than non-summer but have a stronger connection to costs.
- Increase tier 1 rate and decrease tiers 4 and 5 rates—in conjunction with elimination of seasonal rates.
-
    - Residential Base Revenues are currently skewed towards the four summer months and higher tiers: 53% of residential base revenues (FY 2014) are collected during the 4 summer months. Tier 1 has nearly half of the kWh sales but only 25% of energy base revenues (excluding customer charges). Tiers 4 and 5 combined account for only 15% of energy sales but contribute 25% of energy base revenues. The reliance on summer and Tier 4 & 5 sales present an unnecessary risk to Austin Energy.
    - Flattening base revenue charges will also improve AE cash flows and shift costs towards customers that leave Austin during the summer months.

Customer Charges

- Depending on cost of service update, maintain current residential customer charge.

Future Research

- Consider a pilot program for multi-family property customer charge that is different from single-family property customer charge.
- Start collecting data on three-phase residential customers to assess whether the cost of service is significantly different than a single-phase residential customer. Conduct a lifeline study to determine minimum energy consumption, which would be used to reassess AE's tiers – possibly use a lifeline, inelastic and elastic consumption levels.

Additional consideration

- Should threshold kWh in 1st and 2nd blocks be lowered to recognize decrease in average monthly consumption?
- Change the tier structure to have a 3-tier winter and a 4-tier summer.
- Present an analysis of the CAP program funding levels required to fund different numbers of program participants.

COMMERCIAL

Rates

- Threshold Issue: Maintain outside city limit customer rate structure to be consistent with HURF settlement agreement but updated for revised cost of service or return to uniform rates?
- Eliminate seasonal rate differences while adding a seasonal PSA.
    - Revenues are currently heavily skewed towards the summer and higher tiers: 44% of system base revenues (FY2014) are collected during the 4 summer months.
-
- Increase customer charges.

Demand Charge

- Calculate commercial class assignment by taking the mean of the customer's 15-minute peak demand during the four summer months of June, July, August, and September; or the average annual demand, in place of the current policy of setting rate class for 12 months based on single summer peak.
- Maintain the threshold at which demand charges are assessed at 10 kW. Study alternate case at 20 kW.
    - The goal of redefining the demand charge threshold is to reduce movement between the SEC-1 and Sec-2 classes. Sec-1 customers that are reclassified as SEC-2 customers may experience rate shock as they are exposed to demand charges for the first time.

Power Factor

- Maintain power factor penalty threshold at 90%.

Future research

- Should the 4-peak average be banded to hours ending 16:00 through 19:00?
- Should AE determine the customer's peak demand coincident with AE system peak?
- Should AE assess a reactive power charge based on kvar instead using the power factor penalty threshold?
- Start collecting data for downtown network customers to determine if cost of service is different than customers in same classes located outside downtown region.
- Spin-off Chilled Water operations into their own accounting/P&L books.

Additional consideration

- Add a limit on load factor or otherwise flatten cost curve for SEC2?
    - Should demand and energy charges for SEC2 be tiered?
    - Should demand charge for SEC2 exclude first 5 kW (or some other threshold amount) from calculation?
- Does data support adding an SEC4 rate class?
-

RIDERS

Discounts

- Eliminate Houses of Worship discount, which was adopted as a transitional rate until the next COS.
- Calculate discount for ISDs, public universities, State accounts and military bases as 20% of base rate (i.e., discount does not apply to PSA/FAC, CBC, or Regulatory Charge). Have the discount amounts roll back into their prospective rate schedules (the military base / public university discounts may be recovered from all customer classes).

Time of Use

- Eliminate rate and create three riders that are applicable to voltage: secondary, primary, and transmission; assuming that PSA varies by time period (as the current residential pilot program does) and base revenues are based on the underlying rate schedules. All secondary accounts would have the same TOU charges related to PSA.

Thermal Energy Storage

- Eliminate the TES rate, and instead develop one standard rider that is applicable to secondary, primary and transmission voltage classes.

OTHER THINGS

- Calculate CBC and Regulatory charges on a system basis with non-residential (SEC2 and above) having it charged on kW, instead of kWh.
- Maintain current structure for Service Area Lighting component of CBC.
- Leave capacity portion of PPAs in the PSA.
- Eliminate waiver of customer charge for customers with less than 10 days of service
- Affordability goals:
    - 2% goal based on straight line from 2012 and does not include Regulatory Charge
    - Lower 50% goal is a three-year rolling average of the median of all ERCOT-based entities serving RC&I customers

Did we decide anything on recalculating PSA semi-annually, quarterly, or monthly? We agreed to propose seasonal PSA and non-seasonal base rates.

What was decided on postage stamp lighting rate? I think we have addressed that with the Nightwatchman changes proposed in the current budget.

What was decided about moving state of TX into its own rate class? For COS purposes, I thought we agreed on that.

Options List

Note: *This is more of a long-term strategy and guidance; given our direction from management, that there will be minimal changes within the next general rate case; therefore, early preparation and planning might mitigate potential problems and minimize lost opportunities. In addition, these are in no particular order and if the political environment allows or requires it, the majority of options can be combined or made revenue-neutral.*

Streamline the Tariff

Re-design the tariff to provide a more streamline format, while consolidating similar language, simplifying tables, and reducing the overall length of the document. Later within a full general rate case, update language for clarity, plain talk the document, increase terms and conditions and availability application of schedules, create/increase our ancillary charges (e.g. tampering), and provide a definition page(s) (i.e. make the document more user-friendly).

No additional cost to AE, other than rates/legal staff's time, but could be easier for customers, council members, and customer service reps to read and comprehend with ease. Initially, may or may not need council's approval since the first redesign will not change rates or language.

Items like increasing ancillary charges, such as, tampering should not get push back since we could reason that the current amount does not discourage such behavior, is extremely dangerous, has possible legal implications, AE's costs are greater than the amount recovered, and they are stealing energy and therefore revenue from the city.

Residential Tier Structure

There are two options:

1) Adjust the usage point within the 5-tier block structure to reflect elastic- and inelastic-demand plus other cost/usage points that we are wanting to influence behavior.
2) Change the block structure to have a 3- or 4-tier for winter and a 4- or 5-tier structure for summer.

Better aligns usage points with actual demand and can help effect behavior. Cost to AE is most likely political, since we just got a 5-tier seasonal structure. Of course, we would say due to unintended changes in behaviors under the new design, we now need to redesign to keep with those changes. This also allows AE to start to consolidate the inside/outside structure issue.

Non-Residential Tiers

Create declining tiers for non-residential schedules. This will help ease the transaction from one schedule to the next and should help increase efficiencies.

Inside/Outside Structure

We currently have two standard rate designs for residential, one for inside and one for outside. We should start to re-align these two designs both structural and financially; therefore, reducing the complexity of our tariff and rate designs (both currently and in the future). In addition, we do not allocate costs within the cost of service study for inside/outside and would probably take several years before such data is available to do so. This option combined with the block structure proposal, since we currently have a 3-tier structure outside and a 5-tier structure inside, should be done together.

Cost to AE is on two fronts, one the council and the other with the TX Commission, unless we did it gradually.

Options List

Swap Seasonal Rates

Switch around our current rates, therefore, making our Summer Rates our Winter Rates and vice versa with Winter Rates our Summer Rates.

This provides AE with $2.418 million of additional revenue, stabilizes AE's cash flow with 55.2 percent of revenue collected in the winter period (currently 36.6 percent), reduces rate shock in the summer months, and provides AE customers more levelized bills throught the year; based on the 2013 bill frequency data.

No Seasonal Base Rates

Remove the seasonal base rates and just have inclining annual rates. Our base rates are not seasonal therefore; it would align revenues and costs with the way our system runs. This would help with cash flows, but not as much as the seasonal swap.

The last general rate case implemented the seasonal rate design. Moreover, its typically hard to undue something that is already in place, think HOW discount rate.

Increase Low Tier Rate

Currently, our first Tier Winter Rate is below cost at $0.018/kWh, which makes it extremely difficult to implement other types of rate designs without having clear winners and losers.

Each increase of $0.002 provides AE with $2.499 million of additional revenue and slowly brings us to actual cost to serve.

Application of Discounts

Apply the discounts for HOWs, ISDs, and CAPs only to base rates, not other charges like those that are regulatory and power supply since these are direct pass-through. If not, then change the way we account for these discounts by rolling the discount back into their prospective schedules and rates. For example, if we under-collected 10 percent of the PSA cost from CAP customers, then those cost get deferred/rolled into the next PSA adjustment, same apples to regulatory cost.

First part will likely be political cost to AE, while the accounting change is likely in-house and does not need approval from council. For residential, this is a savings to AE of approx. $800k/yr.

2% Sytem Increase – $1 Increase to Charge Charge

Defer all regulatory and power supply adjustments for a future period, since we currently track dollar for dollar. Strictly apply for the 2 percent system increase on an annual basis, such as, increasing the customer charge each year by $1/month (or other schedules equivalent). Do as a three-year rate plan; therefore, we are not going in front of the council each year. Gives commercial and industrial customers stability, they can plan for the rate increases, while residential only sees a $1 increase each year. This provides AE with $4.418 million in additional revenue (residential), allows AE to get its 2 percent increase on a permanent basis instead a temporary adjusted period, helps against distributed generation, and the 2 percent will be inflationary protected due to customer growth. Once we get to AE's cost of service or political pressures is too great, then switch to recover PSA and regulatory items to get those off the books.

Options List

Make PSA a Quarterly, Semi-Annual, or Seasonal Filing

Reduces the explosure to AE of under-recovery (could help our S&P credit rating), stabilizes cash flows, minimizes forecasting variances, and provides the correct price signals to customers. Has the potential to reduce AE's portion of ERCOT cost during the 4CP, since we would likely reflect higher fuel cost within the summer months. Combining this proposal with the seasonal swap of base rates, would help reduce the rate shock in both the summer and winter.

Cost to AE is likely political, savings are unknown but have the potential to be substantial.

Increase Power Factor Threshold

Austin Energy has one of the more generous power factor thresholds (90 percent) in Texas, especially with our surrounding neighbors like AEP, Oncor, and CenterPoint whom all have power factor thresholds greater than 95 percent, up to 100 percent. This will make the system more efficient over time, therefore lowering cost in the end. It also gives the incentive to large customers to invest in increasing their efficiency on the system, not every customer will have this option due to pricing points/payback analysis and will likely just pay a larger bill each month.

Another option is to create a reactive power charge for non-residential schedules, instead of doing a power factor adjustment; this makes it easier for customers to calculate their bill.

Primary, Secondary, and Transmission TES Rates

It does not make sense to have different TES rates for size; we do not do that with VOS. Therefore, simplify TES to be only primary, secondary, or transmission, regardless of size. This will help AE ultimately get to a postage stamp/straight-fixed variable rate design like Mr. Weis keeps explain he would like to see; it becomes more difficult to get there if our tariff has too many specialties and variations built into them. In addition, if a customer wants to build an extra-large TES system, say 150 MW, no problem we have a rate already for you.

Single- and Three-Phase Customer Charges

The metering training got me thinking, if we are installing both single- and three-phase meters for residential and secondary<10kW customers, then why not charge those customers for the additional costs and load capabilities? This gets back to cost causer, especially when three-phase meters (and wiring) cost more, have greater load demands and therefore the capability to have larger peaks, which is not captured in our inclining (residential) and seasonal (secondary) rate designs. Three-phase are probably larger residential or secondary <10kW customers.

Postage Stamp Lighting Rates

Mr. Weis appears worried about LEDs; therefore, in our next general rate case we set the lighting rates to a postage stamp type design and consolidate the different schedules. This should help reduce any anxiety over LEDs and streamline our tariffs.

Other Possibilities

Create an interruptible schedule; create a conservation savings adjustment (i.e. LRAM); create annual minimum amounts for large/extra-large non-residential schedules; do a rate plan; add prorated language for customer charges, instead of complete wavier for less than 10 days of service; create a variable peak pricing (VPP) pilot, which is a hybrid of TOU and RTP, or other pilots with rigorous experimental designs (with shadow bills); and change our primary thresholds to be in aMW.

Dreyfus, Mark

From: Mickelson, Christopher
Sent: Tuesday, July 28, 2015 3:15 PM
To: Dombroski, Mark; Maenius, Russell (Rusty); Oberwortmann, John; Gardner, Colleen; Dreyfus, Mark; English, Philip (Barksdale); Brandt, Adrianne; Rose, Andrea; Perny, Andy
Cc: 'Grant Rabon'
Subject: RE: 2016 Rate Review Considerations

Here is a summary of action items/decisions from today's meeting. Based on the agenda layout:

- Item 3: (schedule/milestones) – Order to IHE will come from AE, not UOC. Will have only one advocate for residential. Still in the process for determining outside council.
- Items 4:
  a) Modify threshold – No – will not adjust the threshold or adding a demand charge to SEC 1. Instead, we will look into adding a limit factor or flatten the cost curve. Use "low", not "poor" when talking about load factors.
  b) Rate Schedule Determination – Maybe – change it to an average demand (4 summer months), instead of a single peak within the summer. But, need to find out if CC&B can handle it; how much would changing the determination change the switching between rate schedule; and legal will look into PUC threshold determination assignment.
  c) Non-residential demand/energy tiers – Future – Will build into the COS model, but not apply the functionality.
  d) Discount TES rider – Maybe – Need to talk with Kerri Davis. If this does happen, we need to limit the impact.
  e) Increase power factor threshold – Future – Need to talk with Kerri Davis. Need an update on the operations side of how the system is doing. Did not talk too much about doing a reactive power charge (inconclusive). John will double check whether power factor was a separate line item on a customer's bill.
  f) Phase meter customer charges – Maybe – How many do we have on the system and where are they located (inside/outside)? How are they trending?
  g) Standardize inside/outside rate structure – Maybe – See 4i comments.
  h) Remove SAL from CBC – Skipped.
  i) Align Residential tiers – Maybe – Start at cost to serve. Will need a lifeline study before adjusting tiers. Is Item is tied to 4g, 4k, and 4n.
  j) Redesign TOU rates – Skipped.
  k) Remove seasonality from base rates – Maybe – Dombroski will need to discuss more with Executives about doing this rate consideration.
  l) Capacity portion of PPAs – discussed a little bit but no decision.
  m) Minimum amounts – Skipped.
  n) Adjust the PSA – tied to Item 4.k., see remarks.
  o) Postage stamp lighting rate – Skipped.
  p) Increase customer charge – Likely – but if we do this option, then we cannot do Item 4q.
  q) Move 1st tier rates to cost to serve – Likely – but if we do this option, then we cannot do Item 4p.
  r) CBC/Regulatory on a system basis – Skipped.
  s) Network rate schedule – Skipped.
  t) HOW, ISD, Military, Public, and CAP discounts – Likely – Need to talk with Kerri Davis about discount on base rates. For all discount classes, we will apply a 20% discount on base rate components; this does not include PSA, Regulatory, and CBC. Research Camp Mabry load and current rate schedule locations (note: we could add a surcharge to help cover the lost revenue).
  u) – ee) Skipped. All skipped items and the rest of the agenda will be discussed next Tuesday (1 – 4p).

Chris

Rate Design Changes

Major rate design changes approved by Executive Committee:

1. Remove seasonal base rates
2. Implement seasonal PSA
3. Maintain inside v. outside rate structure
4. Increase tier 1 and decrease tiers 4 & 5
5. Maintain current residential customer charge, increase commercial customer charge
6. Maintain demand charge calculation on average 4P during summer months
7. Maintain power factor penalty threshold at 90%
8. Riders
    a. Discounts
        i. Eliminate HOW
        ii. Change state (non-contract), public universities, ISD, and military base discount = 20% discount on base rates
        iii. Create military base surcharge
    b. Time of Use
        i. Eliminate TOU rate and create three riders applicable to voltage
    c. Thermal Energy Storage
        i. Eliminate TES rate and create one standard rider that is applicable to voltage

What are the outstanding issues to be decided?

1. Secondary Voltage classes issues
    a. Demand charge threshold for 10 kW – 20 kW stratum (or other alternatives)
    b. Is there an S4 class?
    c. Is the S2 to S3 threshold correct?
2. CBC & Regulatory Charge assessed on a system basis
    a. S2 and above charged on kW (not kWh)
3. Eliminate waiver of customer charge for customers with less than 10 days of service
4. Language proposals for Affordability Goals:
    a. 2% goal based on straight line form 2012 and does not include Regulatory Charge
    b. Lower 50% goal= three year rolling average of median of all ERCOT-based entities serving RC&I customers
5. Others?

Pieces of "rate filing package"

Report to Council

1. Rates Recommendation Report
2. Council Executive Summary
3. Presentation slide deck
4. Any other pieces to develop?
    a. Will need to discuss communications/website separately

Rate Filing Package

Topics to be covered

1. Policy
    a. Overview summary
    b. Rate review process
    c. Policy objectives from Council/community/AE
        i. Changes to discount rate design
        ii. Discussion of Community Benefit Charge
2. Cost of Service
    a. Revenue Requirement
        i. Test year & known and measurables
    b. Cost of Service Study
        i. Discussion of cash flow methodology
        ii. Discussion of reserves and financial policies
        iii. Discussion of demand allocation methodology
    c. Shared Services & Transfers
    d. Treatment of transmission function
3. Rate design
    a. Changes to residential
    b. Changes to commercial
    c. Changes to PSA, TOU & TES
    d. Long-Term contract customers
4. Operations
    a. Power production
    b. Market operations
    c. ESD operations
5. Resource planning
    a. Gen plan
6. Green Leadership
    a. Solar programs
    b. Energy efficiency programs
7. Customer focus
    a. Customer Care & Billing
    b. ~~Changes in employment/ municipal civil service etc.~~
8. What else needs to be covered?

Structure of reserves

How rate flow from ERCOT operations?

Topics covered last time that won't be covered this time

- Customer classes (unless secondary voltage profiles warrant it)
- OSER
- Business unit "sponsorship"

Assignments & Support

1. "Witnesses"
   a. Dombroski
   b. Dreyfus
   c. Kimberly
   d. Mele — Mark to chat with Charly
   e. Overton
2. Editors
   a. Brandt
   b. English
   c. Gardner
   d. Oberwortmann
   e. Rose
   f. Cathy
   g. Khalil?
3. Graphic Design/Layout
   a. McCrady
   b. English
4. Reviewers
   a. Perny
   b. Rabon
   c. **One more?** Chris
5. Executive Summary
   a. English
   b. McCrady
6. Presentation decks
   a. Dreyfus
   b. English

Timeline

Rate Recommendation Report

1st draft	October 30
2nd draft	November 13
Final draft	November 25
Printing	November 30

Council Executive Summary

1st draft	November 13
2nd draft	November 25
Final draft	December 4
Printing	December 7

Presentation decks

1st draft	December 2
Final draft	December 9
Printing	December 11

Milestone dates

Electric Utility Commission briefing – December 14
AE Utility Oversight Committee briefing – January 13

Independent Rate Review Process ← Memo | Bond ask for permission

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Goal and expectation:
equity
affordability
hold or reduce

COS follow up to LTC change
Council heard this issue.

Rates Discussion w/ Exec Team:

City Financial Policy - COS every five years
2012 Rate Ordinance - rates reviewed at least once every 5 years.

Required to hire a consumer advocate
May hire an impartial hearings examiner
- conduct review
- make recommendations

Last Time - 3 part process - Why
- No rate experience anywhere in City
- Fundamental Changes to rate structure
- Emphasis on Outreach and inclusion

What worked -
- Mostly got what we wanted.

70 mm ↑
Foundation for successful PUC appeal
Most of our policy changes
Tiered rates
Higher fixed charge
Reform Fuel Charge
CBC } Regulatory breakout

What didn't work -
- Too long
- EUC process created conflict and provided no value
- Council redid the entire PIC and EUC process - partly due to non-unanymaty
- No biz participation => AE vs. customers

Hearings Officer Approach addresses what didn't work.

1900 The Grand Ballroom
The CARILLON NEW AMERICAN GRILL
gabriel's
One Twenty 5 CAFE
SPIRIT THE UNIVERSITY OF TEXAS

- Make it Shorter - cut out steps
- Minimizes EUC role as decision-maker
- Forces biz community to provide witnesses and evidence
- Sends the Council the recommendations of a neutral party.

follows a council initiated process

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Legislature – Process provides the Council opportunity to demonstrate to Fraser and Lege its commitment to reasonable policies and rates.

Process & Schedule
COS study Fall
Rates proposal w/ witnesses winter
Accelerated discovery and rebuttal Spring
Live hearing late Spring
Decision to Council ~~or~~ late Spring/early summer
→ input into budget for FY 2017
Several months before lege for schedule to slip.

Two alternatives
Schedules:
- During lege session
- After session

~~First Process~~
~~Next~~ Steps.
- Issue RFP for Cons. Advocate
- Issue RFP for Hearings Examiner
- Extend contract for Newgen to support COS
- Hire outside Council.
- Prepare process document to instruct Hearings Examiner for Council Adoption

Next Steps –
- Pitch Mark
- Pitch Gallo, Mayor
- Prep for June Council Committee

Components of Case –
- Rebalance b/ classes
- Reassess reserves policies
- Address any rates issues
- Hold or reduce rates

Resources
Regulatory & Communications
Finance – Rusty
Various SMEs
CCEB Billing Team
legal

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AE's Response to NXP/Samsung RFI No. 1-23
Attachment 1
Page 176 of 238

2016 Cost of Service: Timing & Timeline

- **Drivers of Timing:**
  - Ordinance calls for Cost of Service every 5 years.
  - Substantial system growth and changes in energy utilization leading to need to rebalance costs.
  - Attention to Cost of Service from discussion of long-term contracts.
  - Importance of demonstrating competitiveness.
  - Input into FY 2017 budget.
  - Completion prior to 2017 legislative session.

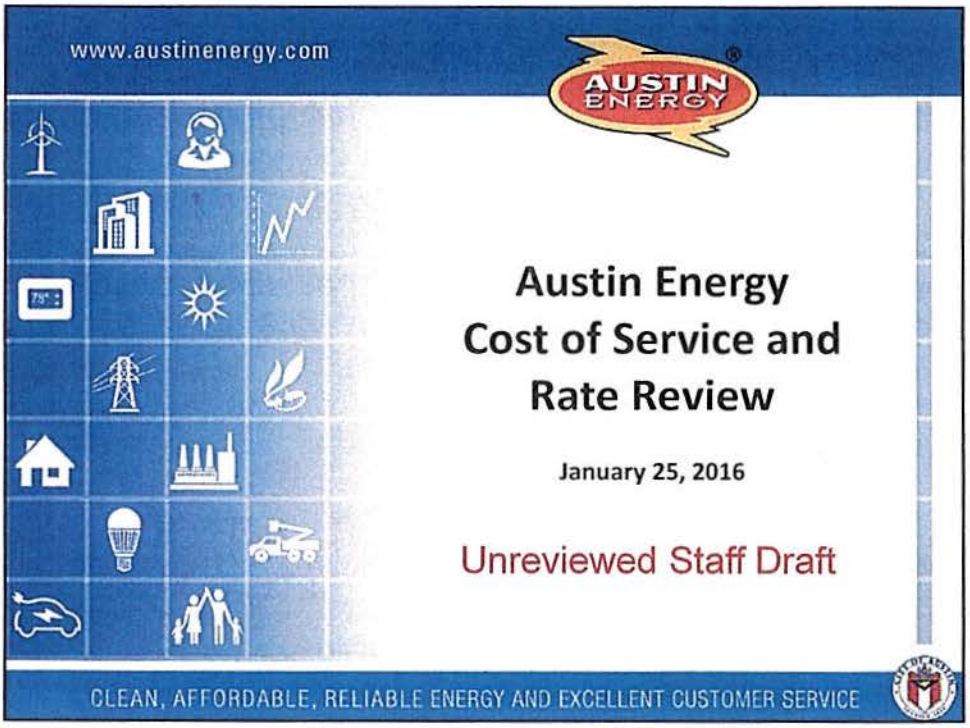
- **High-level Timeline:**
  - Fall 2015: Staff conducts Cost of Service
  - Fall 2015: Council approval of Independent Consumer Advocate, Impartial Hearings Examiner, and consultants.
  - Winter 2015/2016: Formal hearings.
  - Spring 2016: Recommendations to Council from Impartial Hearings Examiner.
  - Late Spring/Summer 2016: Council consideration and action.
  - Fall/winter 2016: Possible appeal to PUC.

AE's Response to NXP/Samsung RFI No. 1-23
Attachment 1
Page 177 of 238

2016 Cost of Service: Key Issues

- **Procedural:**
  - Objective: Impartial, independent, participatory and transparent process.
  - Schedule: Brisk.
  - Resources: Greater reliance on internal staff.
  - Consumer advocate hired by City.
  - Hearings before an Impartial Hearings Examiner hired by City.
  - Electric Utility Commission serves as conduit for members of the public.
- **Substantive:**
  - Hold the line on costs/rates.
  - Maintain established policy and rates framework (but address key rate design issues).
  - Restore reserves.
  - Rebalance costs across customer classes.
  - Protect City revenues.
  - Outside City customers.
  - Cost of Resource Plan.
  - Contract customers.

As presented to the City Mgr 1/19/2016



Current Schedule Highlights

- December 14, 2015—Electric Utility Commission briefing on Revenue Requirement and Cost of Service
- December 15, 2015—City Council Work Session briefing
- January 14, 2016—Pre-hearing conference
- January 22, 2016—Release of AE's Rates Report to Council
- January 25, 2016—Utility Oversight Committee briefing on rate design recommendations
- January 25, 2016—EUC briefing on rate design recommendations
- End January, 2016—Begin proceedings before Impartial Hearings Examiner
- May 6, 2016—Impartial Hearings Examiner recommendations report released
- May & June 2016—hold three Council Work Sessions
- June 2016—hold two Council public hearings
- June 23, 2016—final Council decision meeting

How Customers May Participate

- **Informal:**
  - Web Page: from austinenergy.com select "rates"
  - Sign up for e-mail alerts
  - Review documents, posted on the web page of the Office of the City Clerk
  - View hearings to be archived on the City's website

- **Formal:**
  - Participate fully
  - Accessibility
  - Directions available on the web
  - Forms available for download

3

Steps in Cost of Service and Rate Setting

- Revenue Requirement
- Cost Allocation
- Rate Design

Austin Energy's Objectives

- Transparent process
- Fairness for all customers
- Focus on affordability
- Adhere to applicable State and local laws and policies
- Sustain long-term financial health of the utility

5

Guiding Policies and Principles

- Affordability Goals:
  - 2 percent per year
  - Competitiveness
- Austin Energy Strategic Plan
- City of Austin Climate Protection Plan (2007) and Austin Energy Resource Generation Plan to 2025
- Financial Policies of the City of Austin and 2012 Rate Ordinance

6

Conclusions from 2014 Cost of Service Analysis: Financial Health

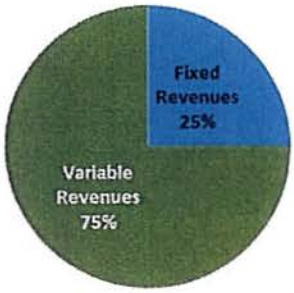
- **Reduce base rates by $17.4 million.**
  - Additional reductions expected in the Regulatory Charge and Power Supply Adjustment.
  - Regulatory Charge and Power Supply Adjustment to be set in FY2017 budget process.
- Significant progress since 2012 in restoring the financial health of Austin Energy.
- Continue to face long-run revenue stability challenges.

7

Conclusions from 2014 Cost of Service Analysis: Financial Health

TY2014 Expenses

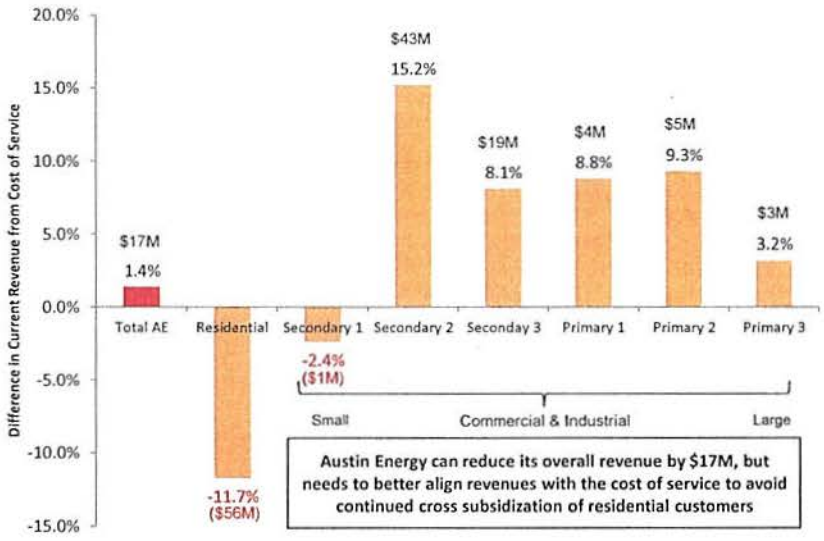
FY2014 Customer Revenues



Low fixed cost recovery contributes to revenue instability

8

Conclusions from 2014 Cost of Service Analysis: Revenue Alignment



Austin Energy can reduce its overall revenue by $17M, but needs to better align revenues with the cost of service to avoid continued cross subsidization of residential customers

9

Rate Design: Policy Recommendations

10

Rate Structure Analysis Conclusions

- Rate structure adopted in 2012 remains sound.
- Some needed adjustments identified by:
  - Experience since 2012
  - Community feedback
  - Interim studies
  - Improved Cost of Service data

11

Key Rate Transformation Steps in 2012

- Consolidated rate classes
- Unbundled charges from base rates
  - Community Benefits Charge
  - Regulatory Charge
- Reformed the Power Supply Adjustment
- Raised the Customer Charge
- Embedded incentives for energy efficiency in base rates
- Tiered the residential rate structure
- Adopted the Value of Solar
- Created discounts for key commercial accounts
- Introduced a low-income (CAP) funding mechanism

12

Rate Recommendations: Seasonality (summer/winter differential)

- **Recommendation:** eliminate seasonality factor in base rates
  - Seasonal fluctuation potentially burdensome
  - Limited cost justification supporting seasonal factors
  - Adopt seasonality in Power Supply Adjustment

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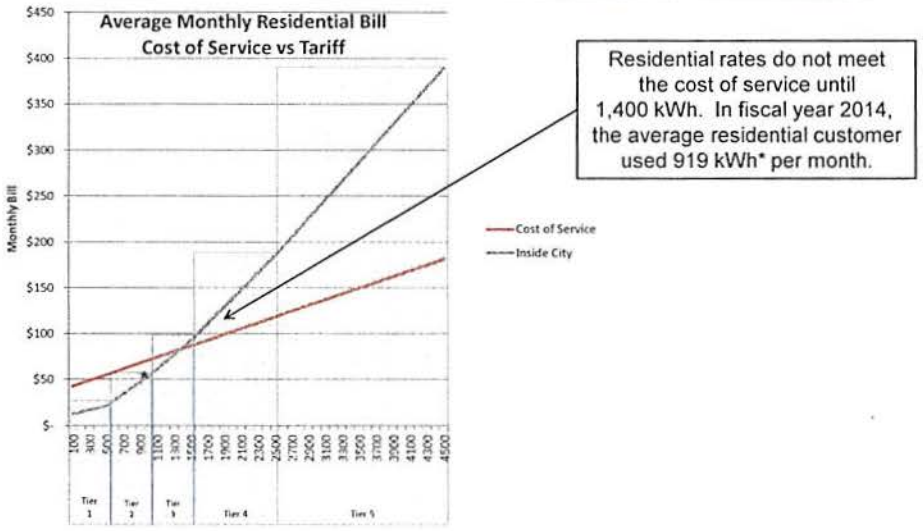
Residential Rate Tier Adjustments

- Current 5-tier rate design recovers insufficient revenues for most customers.
- **Recommendation:** Flatten 5 residential tiers:
  - Better alignment with Cost of Service
  - Improve stability of cost recovery

14

Nearly 80 Percent of Residential Electricity is Sold Below the Cost of Service



Note: Annual consumption of 903 kWh as reported by EIA is based on 2014 calendar year while the 919 kWh is based on City of Austin's fiscal year 2014.

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Proposed Residential Tiers

Residential Base Rates for Inside the City Limits Customers		
	Existing Rate	Proposed Rate
Basic Charges ($/month)		
Customer Charge	10.00	10.00
Delivery Charge	0.00	0.00
Summer Tier Rates ($/kWh)		
First Tier (0 – 500 kWh)	0.03300	0.03300
Second Tier (501 – 1,000 kWh)	0.08000	0.05600
Third Tier (1,001 – 1,500 kWh)	0.09100	0.07595
Fourth Tier (1,501 – 2,500 kWh)	0.11000	0.09100
Fifth Tier (2,501 kWh and over)	0.11400	0.10595
Non-Summer Tier Rates ($/kWh)		
First Tier (0 – 500)	0.01800	0.03300
Second Tier (501 – 1,000)	0.05600	0.05600
Third Tier (1,001 – 1,500)	0.07200	0.07595
Fourth Tier (1,501 – 2,500)	0.08400	0.09100
Fifth Tier (2,501 and over)	0.09600	0.10595

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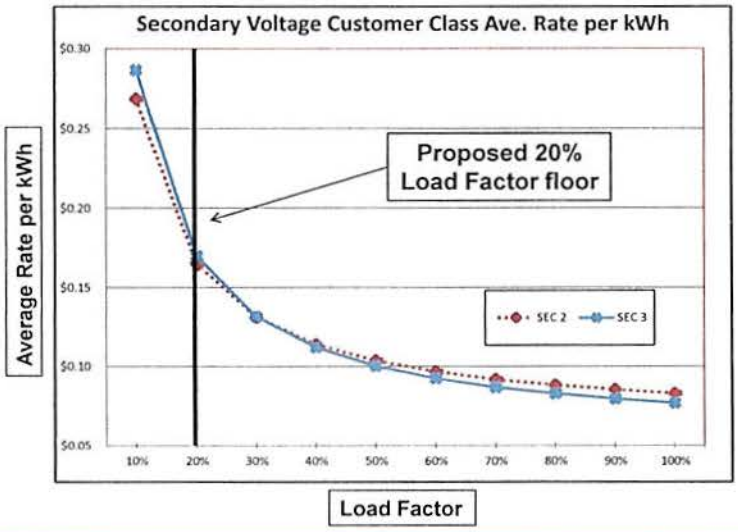
Small Commercial Classes

- **Maintain:** 10 kW break point between S1 and S2 classes.
- **Maintain:** Policy adopted by Council (in FY16 budget) assigning customer classes based on 4 month summer peak.
  - 1,686 customers [of how many S2 customers total?] switched from S2 to S1 in January 2016 implementation.
- **Recommendation:** Establish a Load Factor floor for secondary customers of 20 percent Load Factor.
  - 3,300 of 17,500 S2 customers.
  - 30 of 1,150 S3 customers.
  - Shift of $7 million from low Load Factor secondary customers to higher Load Factor customers.

17

Secondary Customer Load Factor Floor



18

Outside City Customers

- **Recommendation:** Maintain $5.75 million discount for outside city customers adopted in 2013 settlement.

19

Pass-through Charges Uniformity

- Pass through charges include Regulatory Charge, Community Benefit Charge, and Power Supply Adjustment Charge.
- Current Power Supply Adjustment policy sets charge as a "uniform rate."
  - Similar policy/rate calculation for all customer classes.
  - Adjusted by voltage level for line losses.
- Regulatory Charge and some components of the Community Benefit Charge can be volatile from year to year.
- **Recommendation:** recover Regulatory Charge and Community Benefit Charge in a more uniform manner.

20

Commercial Discounts

- **Maintain:** Discounts for Independent School Districts and military bases.
- **Recommendation:** Provide State account discount at conclusion of current contract.
- **Recommendation:** Conclude transition providing rate discount for house of worship accounts.
- **Recommendation:** Set all commercial discounts at 20 percent off of base rates.

21

Community Benefit Charges

- Maintain current Customer Assistance Program (CAP), energy efficiency services and service area street lighting rate policies.
  - Adopt greater uniformity in calculation of Community Benefit Charge.

22

Rate Design:
Recommendations for Allocating $17.4 Million Reduction

23

Allocation of $17.4 mm Reduction

- Residential: Hold constant
  - Implement revenue neutral adjustments within the Residential class to stabilize revenue collections.
- Secondary and Primary Non-residential Classes: No class receive an increase.
- Small Secondary (S1): Hold constant
  - Currently within 2.4 percent of Cost of Service.
  - Customers shifting from S2 to S1 receiving reductions.
- Medium Secondary (S2 and S3): Direct the majority of reductions to Secondary.
- Primary: Bring as close as feasible to Cost of Service.

Constraint: Progression of rates must reflect appropriate transitions across customer classes.

24

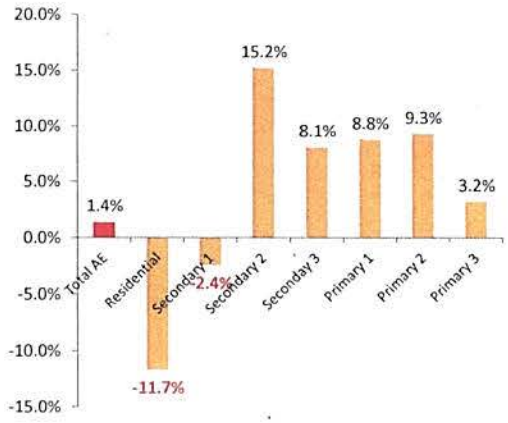
Proposed Non-residential Rates

Non-Residential Base Rates for Inside the City Limits Customers							
	S1	S2	S3	P1	P2	P3	T1
Basic Charges							
Customer Charge ($/month)	18.00	27.50	71.50	275.00	2,200.00	2,750.00	2,750.00
Delivery Charge ($/kW)	0.00	4.00	4.50	3.50	4.00	4.50	0.00
Demand Charge ($/kW)	0.00	5.75	7.25	8.50	9.50	10.25	12.00
Energy Charge ($/kWh)	0.05190	0.02421	0.01955	0.00500	0.00360	0.00300	0.00500

Proposed base rates only. Additional adjustments to the Regulatory Charge and Community Benefit Charge are proposed to eliminate volatility in those charges.

25

Could we make a before and after version of this slide? Maybe with side by side bars?



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Rate Design: Customer Impacts

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Residential Customer Impacts

		Change in Average Monthly Bill	Average Monthly kWh	Percent of Similar Customers *
Electric Heat	Small Apartment	$1.55	416	7.43%
	Small Home	-$0.68	751	9.72%
	Medium Sized Home	-$0.22	1,175	5.57%
	Large Home	-$2.87	1,877	1.23%
	Very Large Home	-$10.78	3,732	0.09%
Gas Heat	Small Home	$0.38	562	9.12%
	Medium Sized Home	-$4.94	1,087	6.58%
	Average Home	-$2.34	687	9.80%
	Large Home	-$12.53	2,184	0.73%
	Very Large Home	-$16.72	4,824	0.03%

* Percent of all customers with twelve months of billing data within same block (i.e. 400 - 499). Example customers represent 50.3% of all customers with twelve months of billing data.

S1 Impacts: Chart needs some work, but this is the general idea

Type of Use	ISD	Restaurant	Utility	Office	Medical	HOW	Service	Retail	HOW
Average monthly									
Existing	$185	$156	$105	$105	$103	$76	$56	$51	$39
Cost of service	$220	$154	$125	$115	$113	$113	$76	$97	$112
Proposed	$182	$147	$102	$101	$100	$78	$54	$49	$47
Variance Proposed to Existing	-$3	-$8	-$3	-$4	-$3	$1	-$1	-$2	$9
Percent Change	-2%	-5%	-3%	-4%	-3%	1%	-2%	-4%	23%
Average									
Monthly kWh	1,649	1,297	858	837	820	598	364	309	296
Monthly KW	12.6	6.6	4.8	5.2	5.2	6.3	3.4	4.9	7.7
Power Factor	96.7%	83.8%	68.8%	92.8%	98.3%	99.4%	94.8%	74.4%	90.5%
Peak KW	16.4	7.9	5.5	7.1	6.4	8.9	4.4	6.6	9.7
In/Out COA	Inside	Inside	Outside	Inside	Inside	Inside	Inside	Inside	Inside
Monthly kWh									

Calculated from the monthly usage patterns of actual customers.

29

Similar S2 slide

Type of Use	Retail	Restaurant	ISD	Utility	Office	Medical	Service	HOW	HOW
Average monthly Bill									
Existing	$983	$729	$838	$534	$434	$405	$314	$192	$136
Cost of service	$835	$599	$731	$461	$392	$382	$283	$342	$347
Proposed	$930	$690	$771	$498	$410	$356	$296	$245	$182
Variance Proposed to Existing	-$53	-$39	-$67	-$37	-$24	-$48	-$19	$53	$46
Percent Change	-5%	-5%	-8%	-7%	-6%	-12%	-6%	27%	34%
Average									
Monthly kWh	7,894	6,503	5,940	4,277	2,971	2,277	2,214	1,475	1,040
Monthly KW	33.1	19.8	28.6	15.0	16.1	17.2	10.8	16.5	17.7
Power Factor	96.8%	84.8%	82.9%	77.1%	98.8%	96.4%	98.6%	96.6%	89.8%
Peak KW	41.4	21.6	40.4	18.9	24.9	28.0	13.8	21.4	24.0
Load Factor	33.5%	44.7%	41.6%	39.1%	26.0%	18.7%	28.8%	12.4%	8.3%
In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

30

Similar S3 slide

Type of Use	Utility	ISD	Retail	Medical	Office	Restaurant	Retail	HOW	HOW
Average monthly Bill									
Existing	$32,868	$32,634	$32,310	$25,181	$16,432	$11,765	$11,818	$10,530	$6,594
Cost of service	$31,561	$31,281	$31,270	$23,000	$15,398	$10,996	$11,380	$11,178	$15,100
Proposed	$31,783	$31,867	$31,466	$24,862	$16,151	$11,561	$11,559	$10,430	$8,053
Variance Proposed to Existing	-$1,085	-$767	-$844	-$318	-$281	-$203	-$259	-$99	$1,459
Percent Change	-3%	-2%	-3%	-1%	-2%	-2%	-2%	-1%	22%
Average									
Monthly kWh	316,200	304,167	289,500	279,850	172,650	127,433	116,425	86,550	50,525
Monthly KW	965.0	1000.0	1027.5	619.5	433.0	276.0	337.0	358.3	641.0
Power Factor	87.7%	94.7%	90.7%	92.5%	89.8%	83.8%	94.5%	84.1%	90.6%
Peak KW	1059.0	1160.0	1130.0	663.0	516.0	316.0	405.0	489.0	840.0
Load Factor	44.6%	41.6%	38.5%	62.0%	56.2%	62.7%	47.2%	33.4%	10.9%

In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

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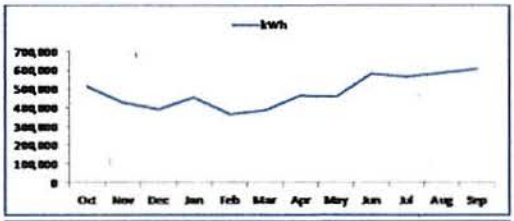
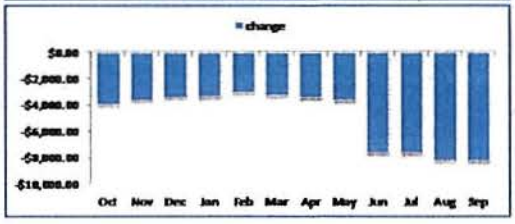
Similar Primary 1 slide

Type of Use	Retail
Average monthly Bill	
Existing	$37,750
Cost of service	$32,206
Proposed	$32,795
Variance Proposed to Existing	-$4,955
Percent Change	-13%
Average	
Monthly kWh	483,300
Monthly KW	870.0
Power Factor	90.0%
Peak KW	1020.0
Load Factor	75.8%





Notes:

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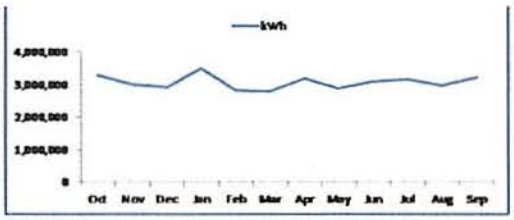
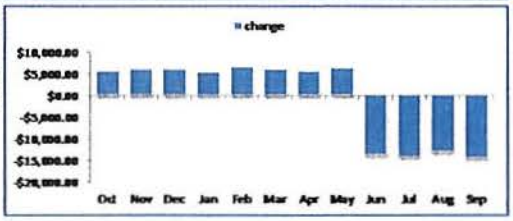
Similar Primary 2 Slide

Type of Use	Industrial
Average monthly Bill	
Existing	$196,648
Cost of service	$197,182
Proposed	$195,917
Variance Proposed to Existing	-$731
Percent Change	0%
Average	
Monthly kWh	3,055,306
Monthly KW	4525.8
Power Factor	99.6%
Peak KW	4680.0
Load Factor	92.8%





Notes:

33

Next Steps

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17

Cost of Service Study Process

- Discuss Procedures and Players.
- Proposed Schedule and Milestones (see table).

Milestones	Date(s)
COS Update Complete	October 15 (2015)
EUC Prelim Briefing	November 16
EUC Formal Briefing	December 14
UOC Formal Briefing	January 13 (2016)
UOC Order to IHE	February 5
RFI Process Begins	February 8
Testimony Due	February 29
Rebuttal Due	March 14
RFI Process Closes	March 18
IHE Hearing	April 4
IHE's "PFD" Due	April 29
UOC Work Sessions	May 12 – June 9
EUC Recommendation	June 13
Council Public Hearings	June 23 – June 30
Council Action	July 14
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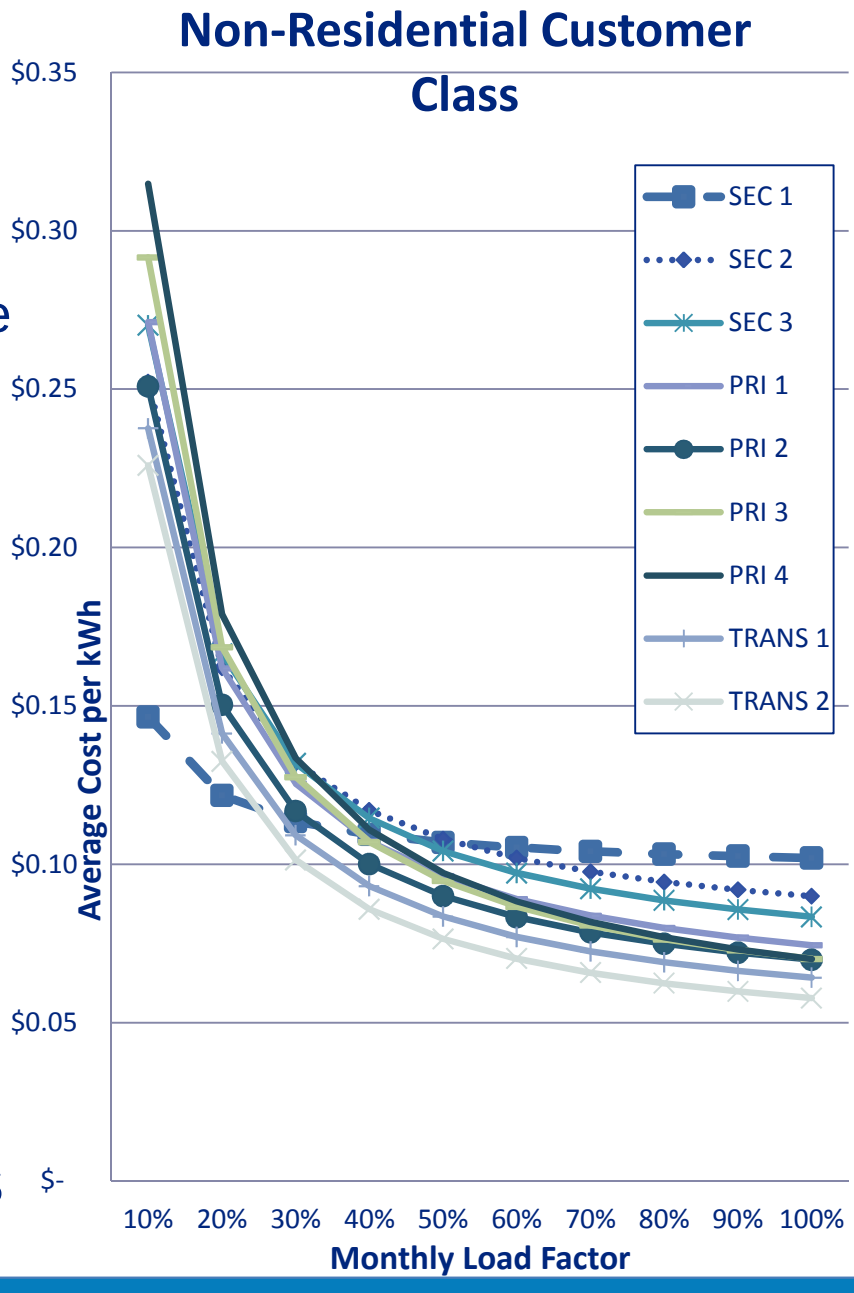

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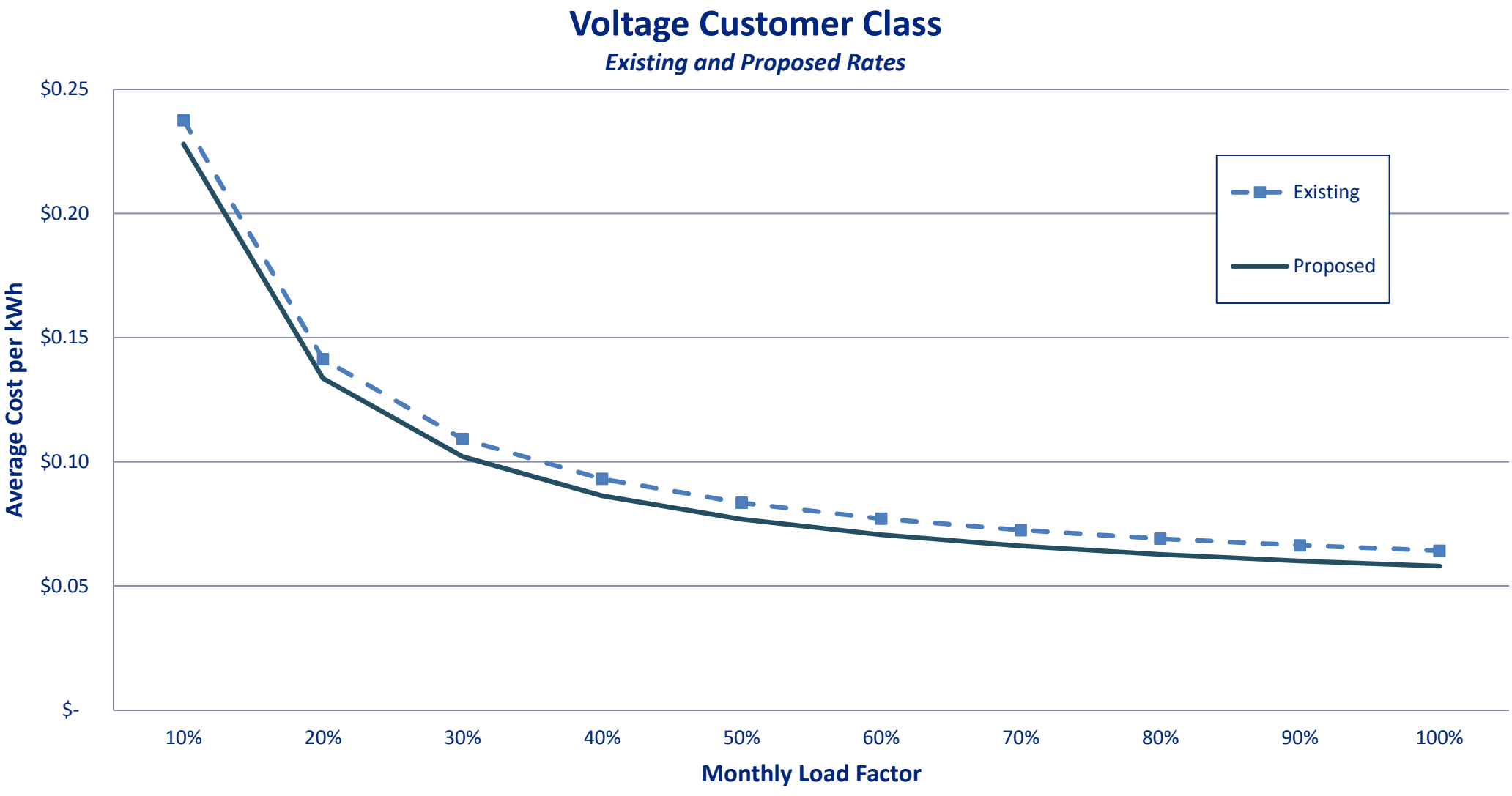

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  - Switch around our current rates, therefore, making our Summer Rates our Winter Rates and vice versa.
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Rate Considerations

- Move 1st tier rates closer to actual cost of service.
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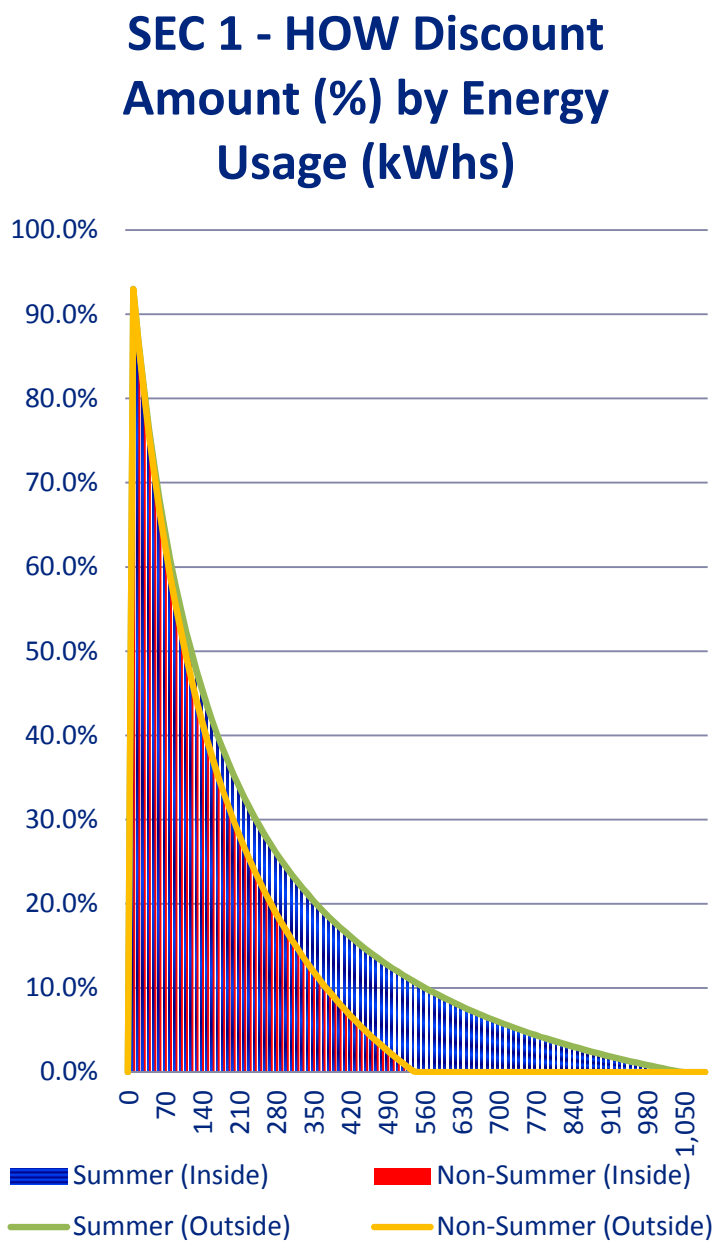

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- Language of the adopted Affordability Goals:
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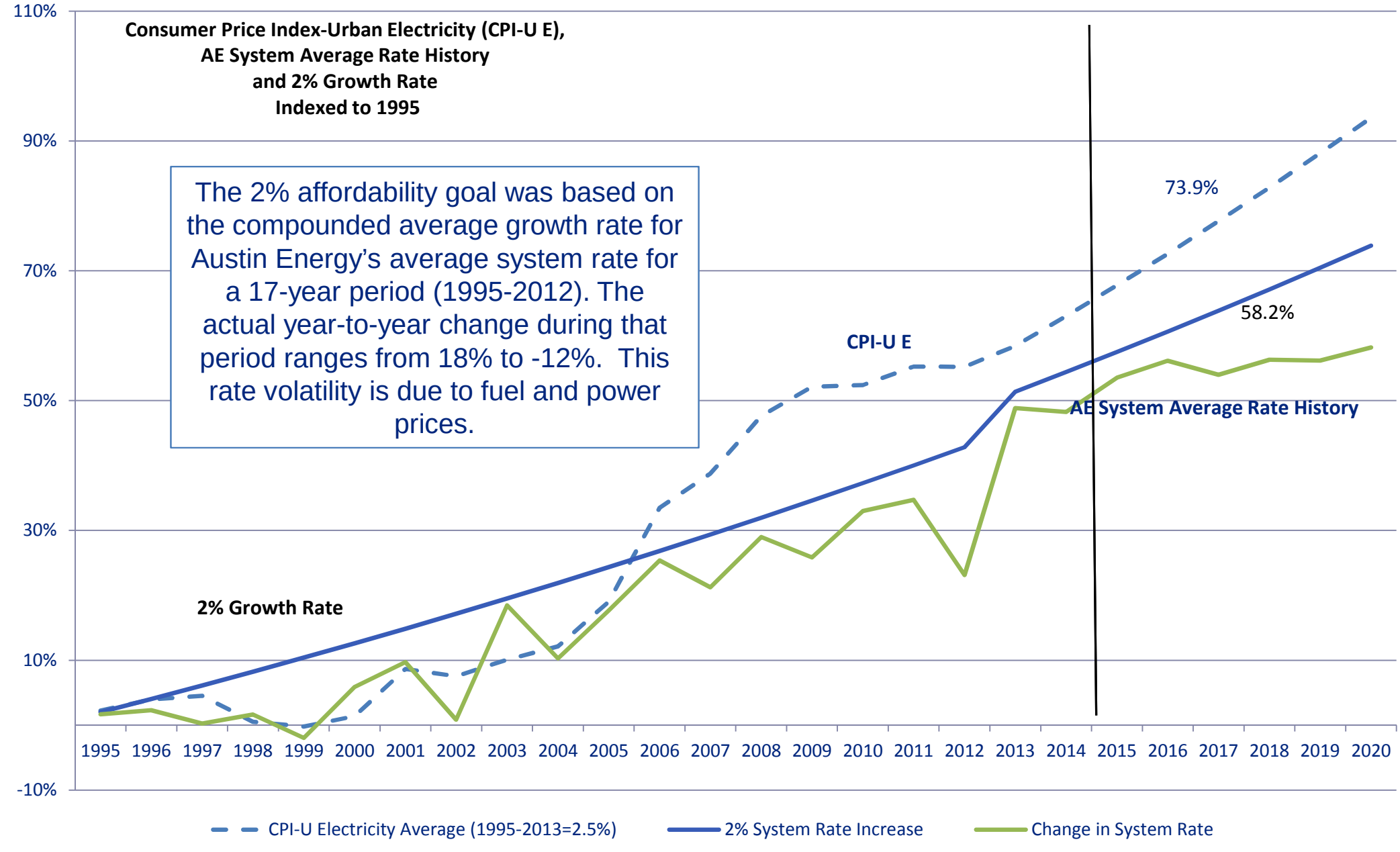

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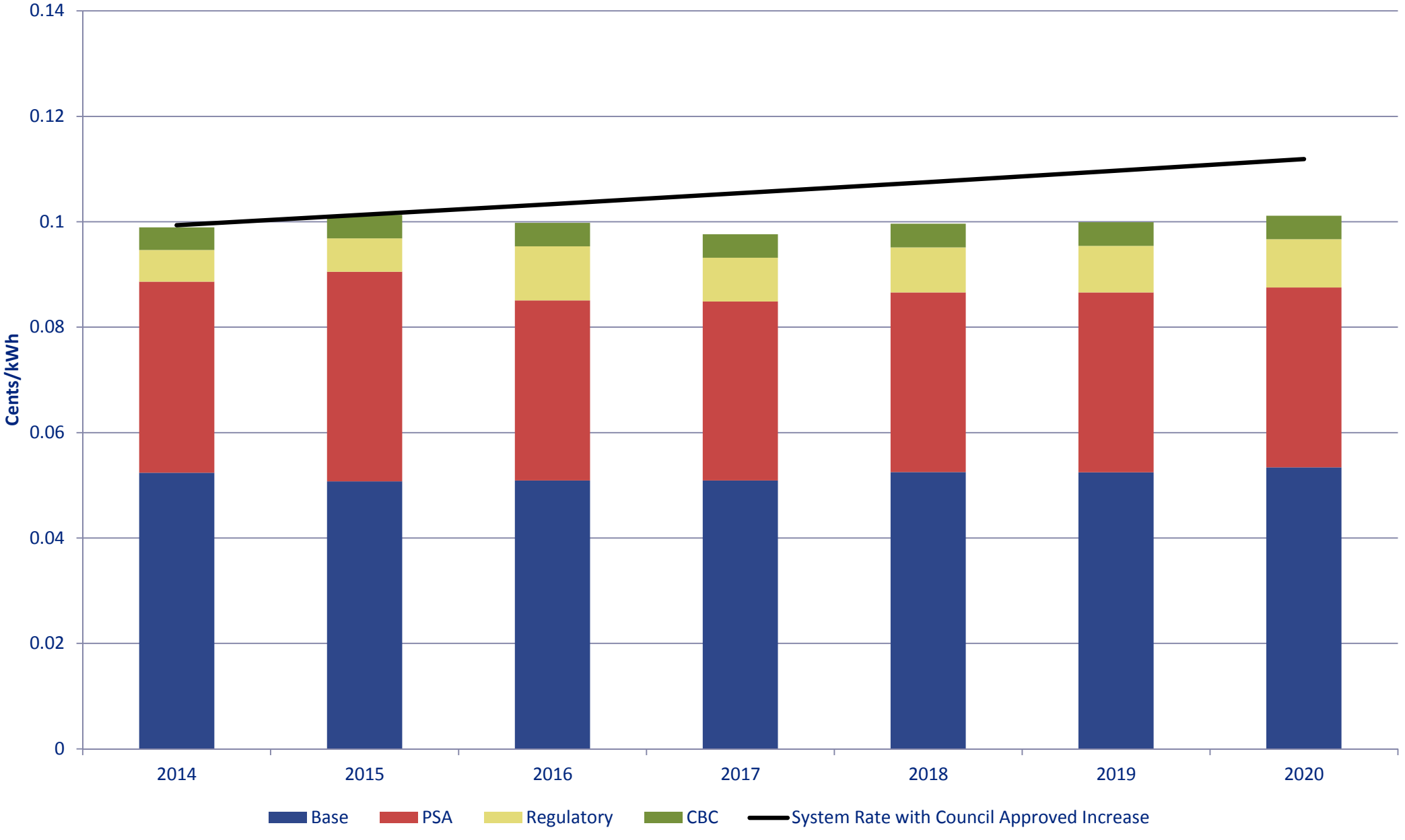

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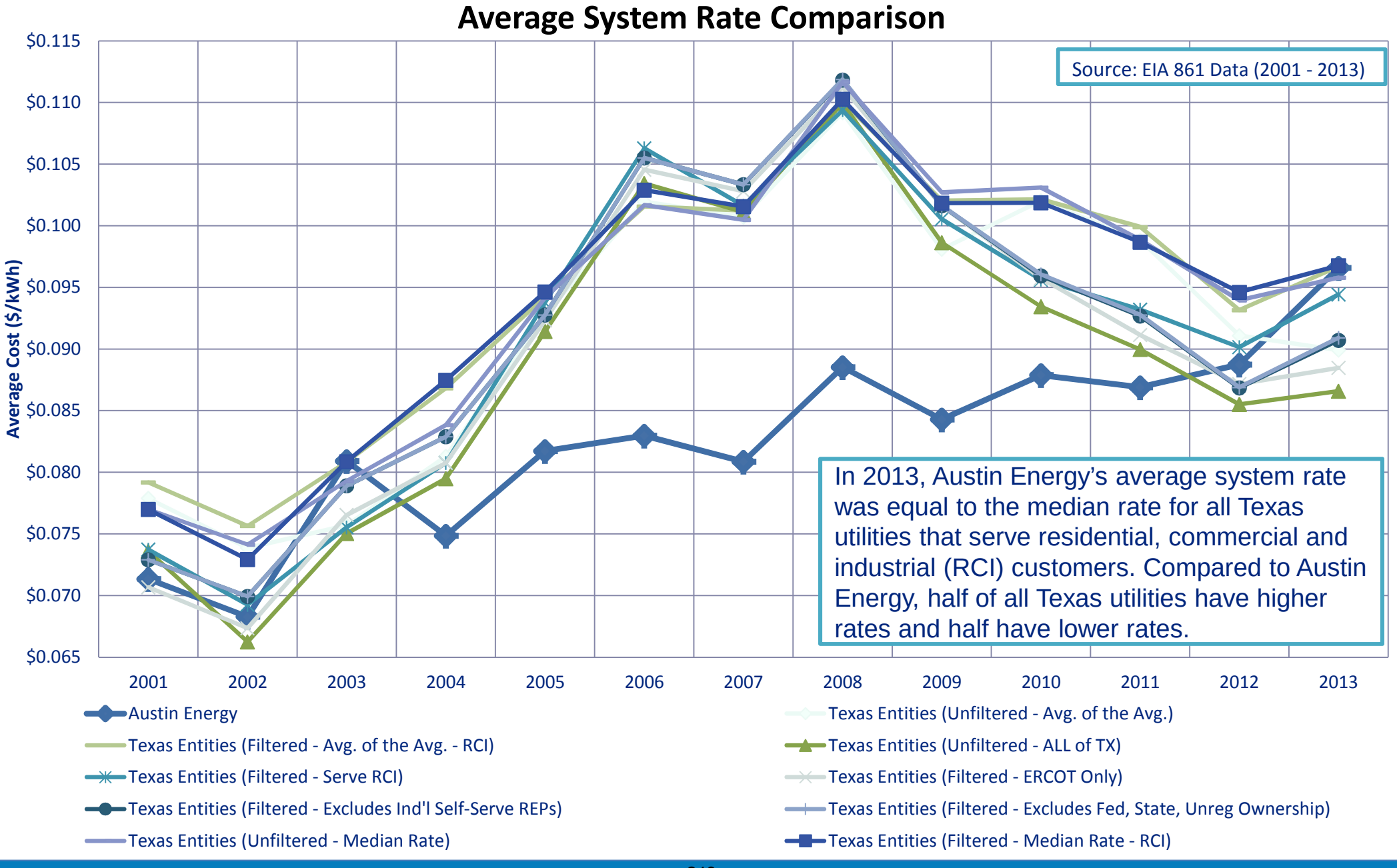

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2016 Rate Review Considerations

July 28, 2015

Introductions

Cost of Service Study Process

- Discuss Procedures and Players.
- Proposed Schedule and Milestones (see table).

Milestones	Date(s)
COS Update Complete	October 15 (2015)
EUC Prelim Briefing	November 16
EUC Formal Briefing	December 14
UOC Formal Briefing	January 13 (2016)
UOC Order to IHE	February 5
RFI Process Begins	February 8
Testimony Due	February 29
Rebuttal Due	March 14
RFI Process Closes	March 18
IHE Hearing	April 4
IHE's "PFD" Due	April 29
UOC Work Sessions	May 12 – June 9
EUC Recommendation	June 13
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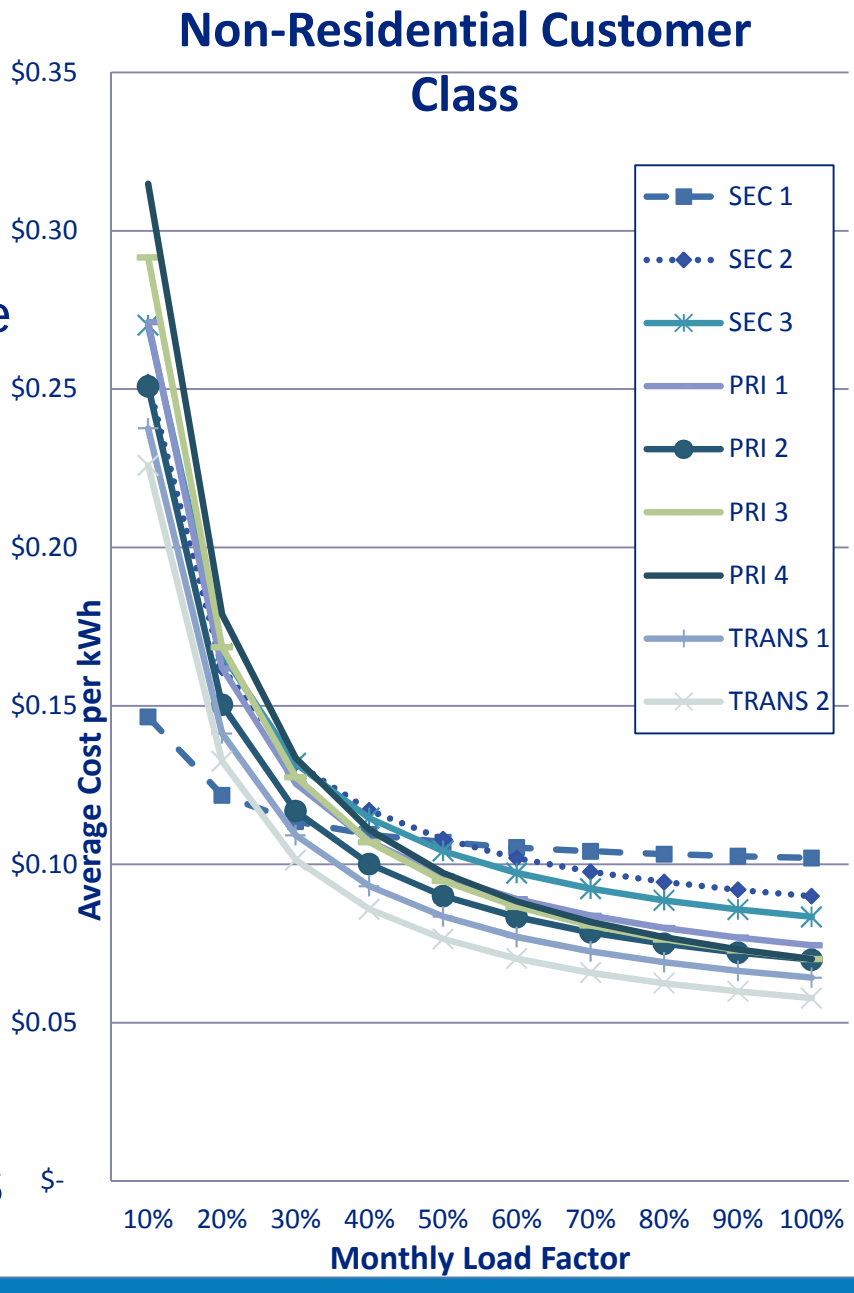

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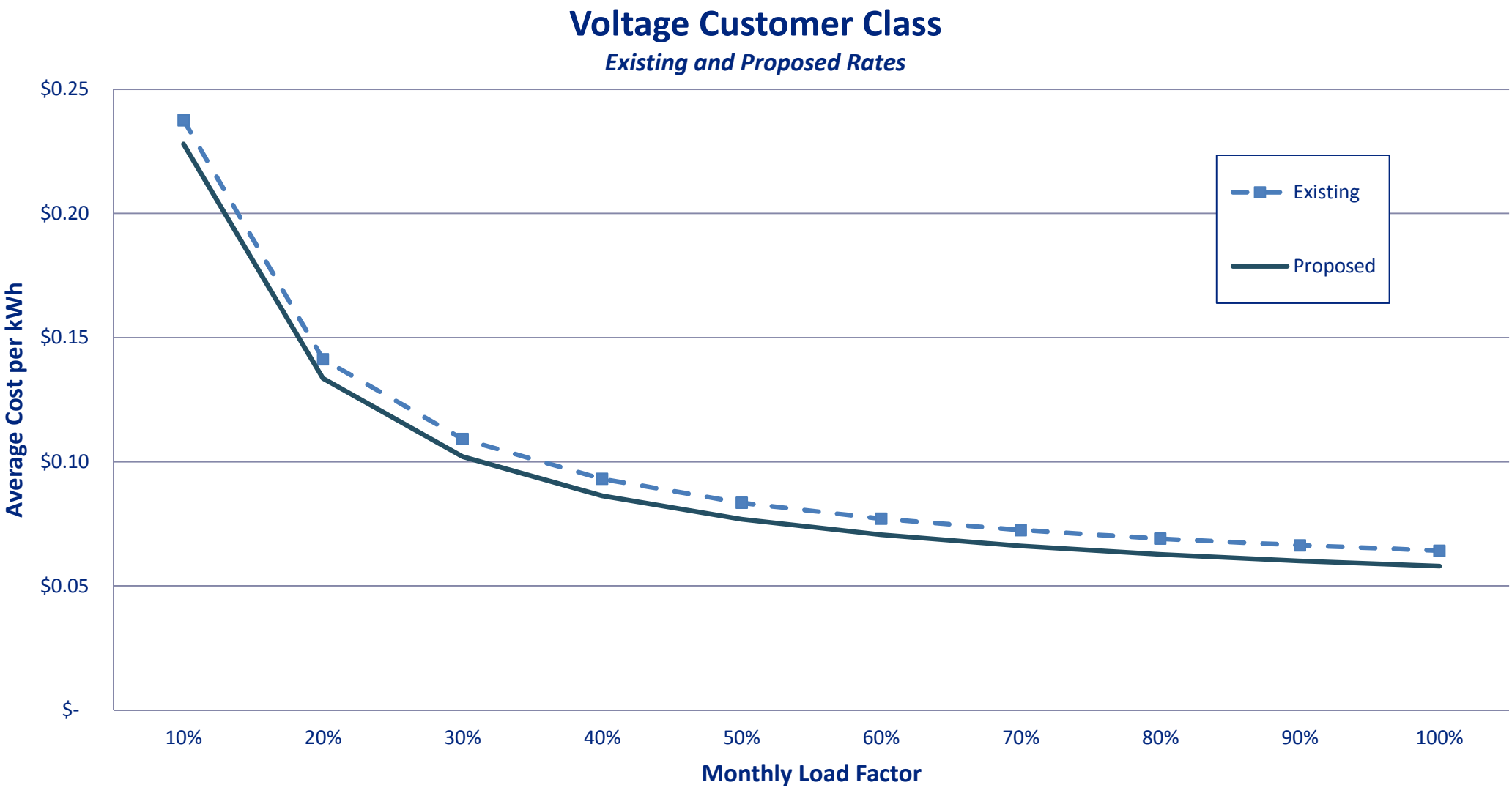

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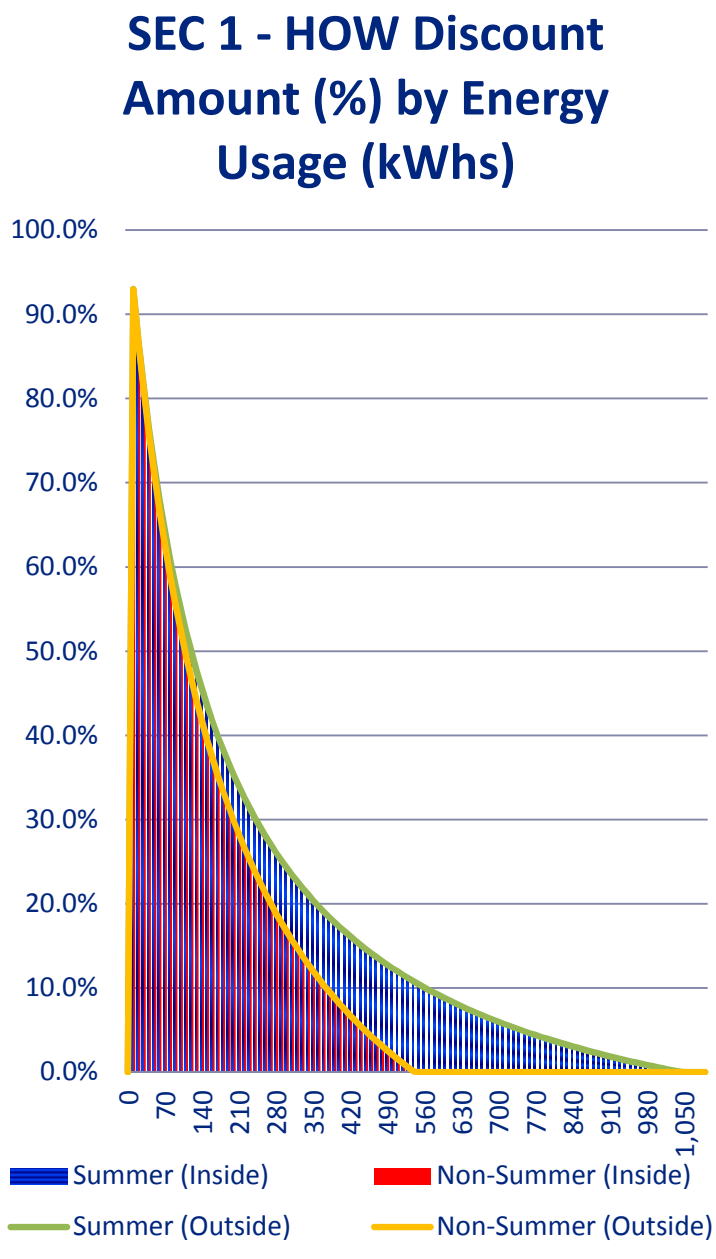

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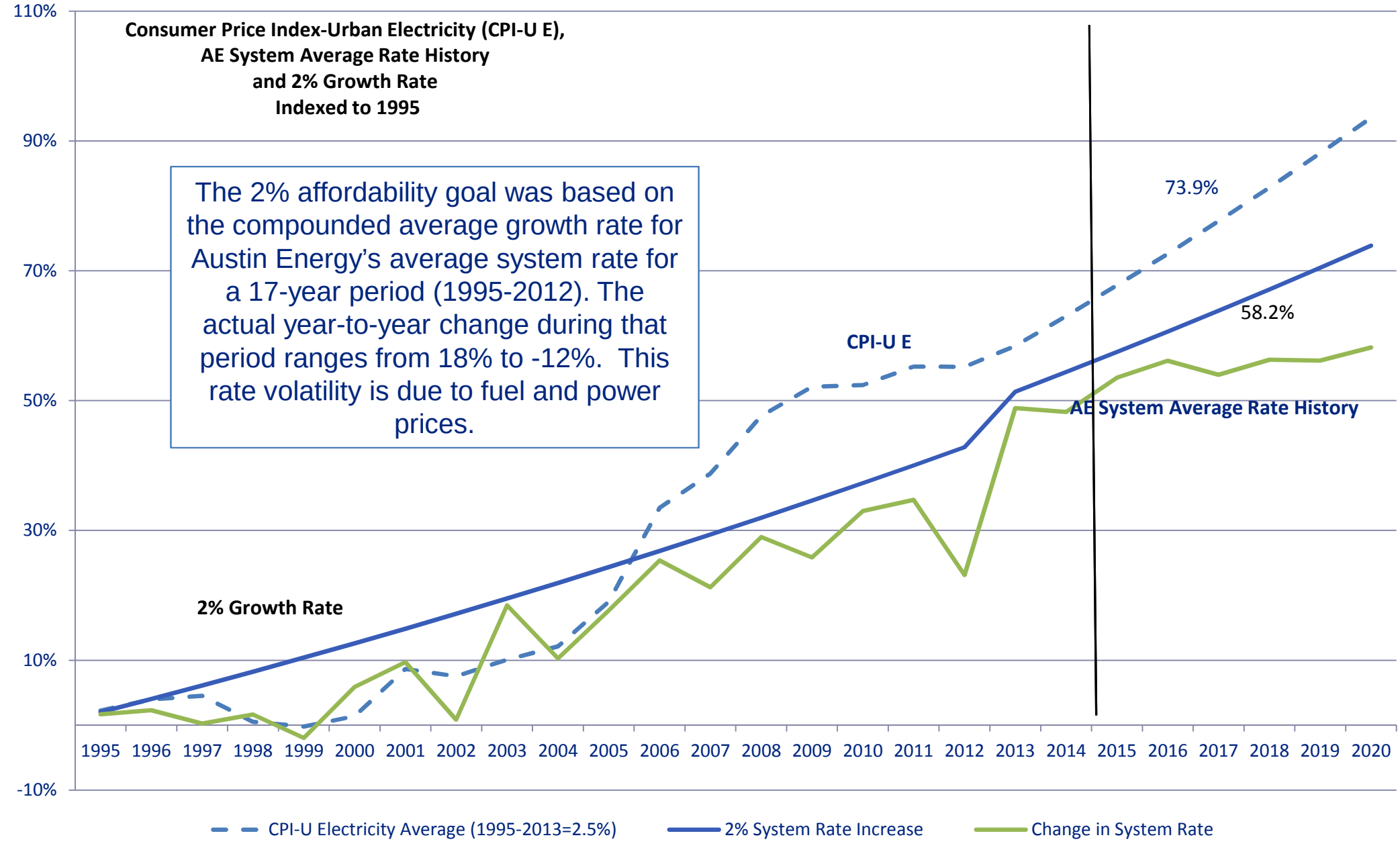

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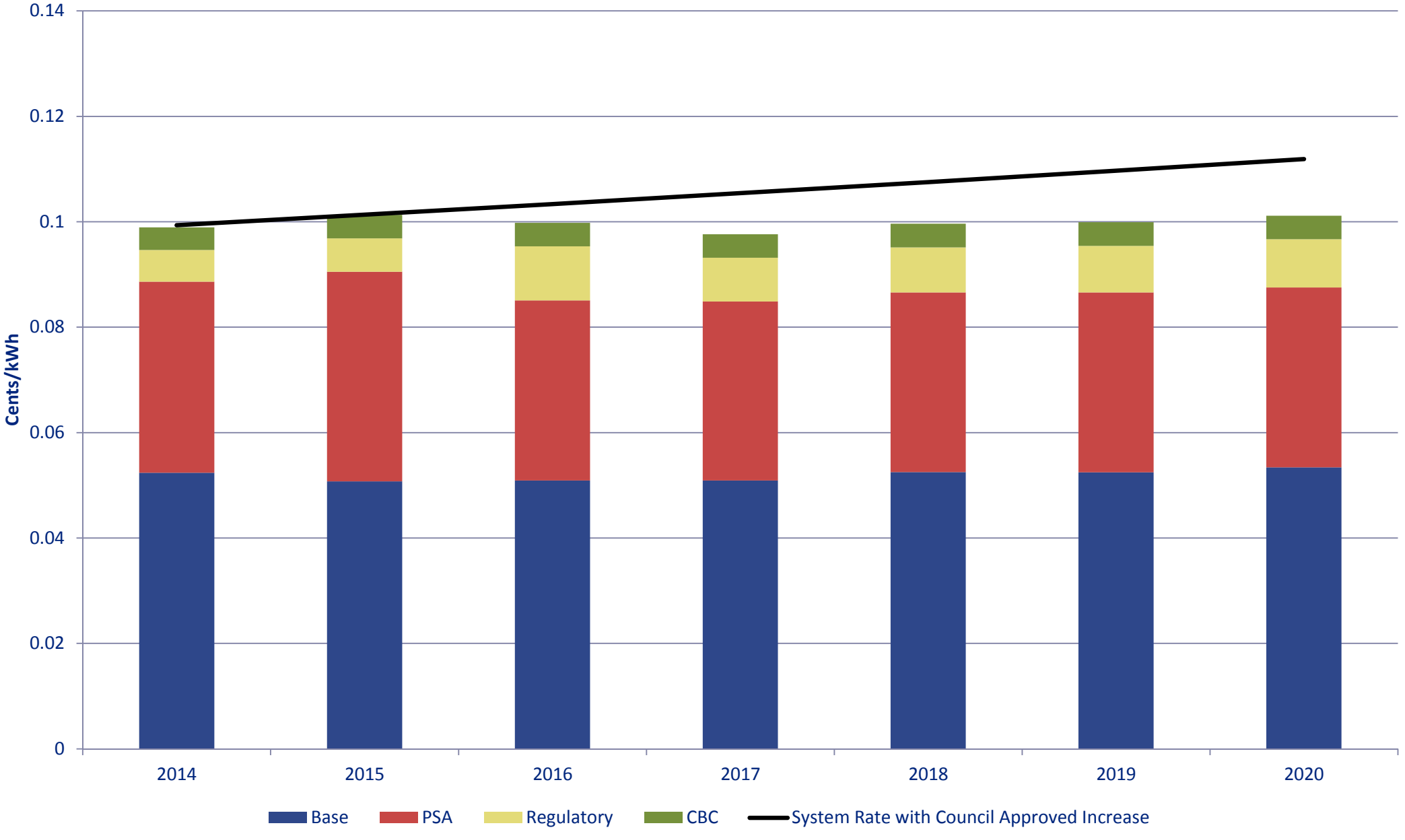

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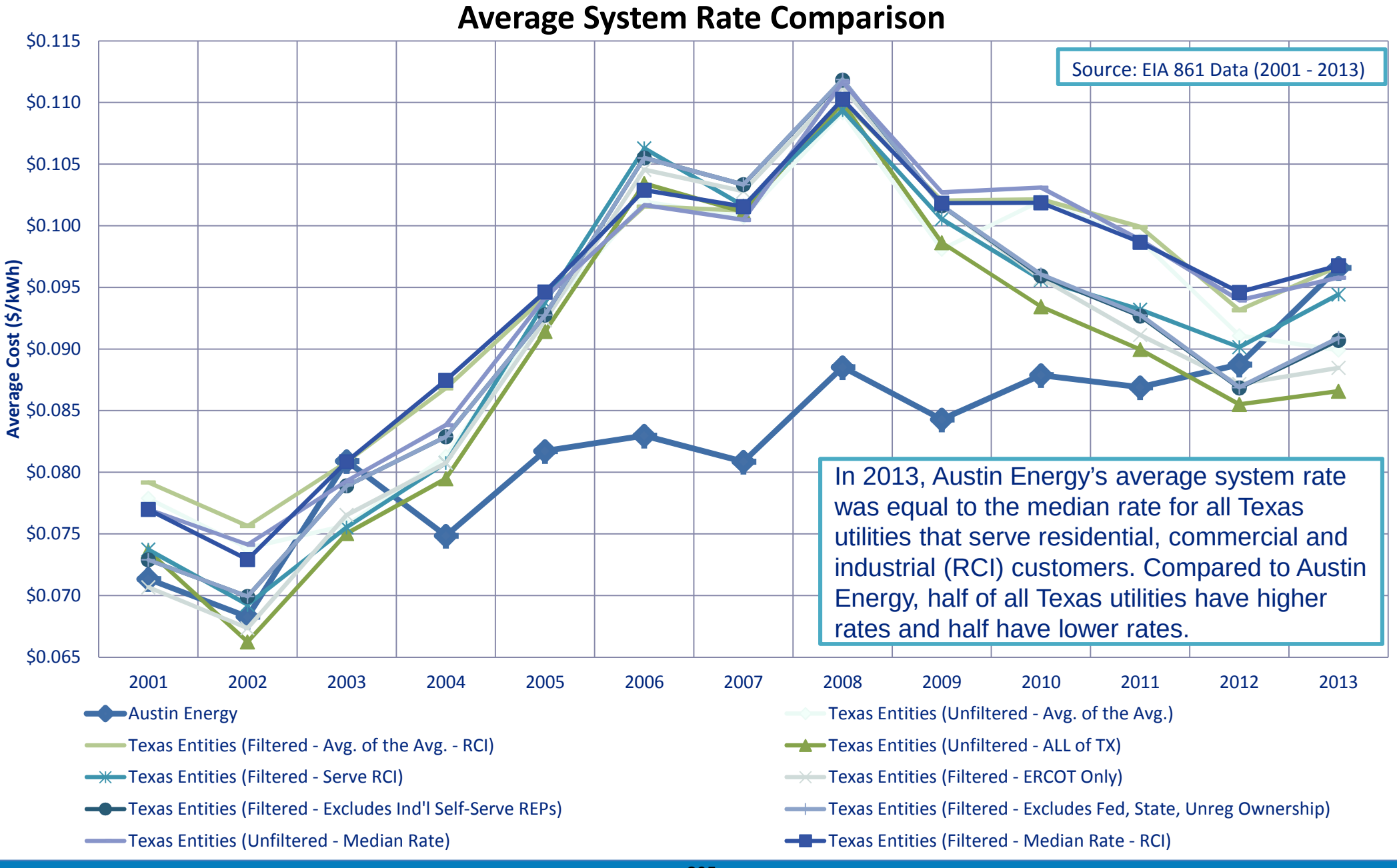

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Adjourn!

AUSTIN
Cedar Park
Round Rock
HAYES
CYPRESS
eproof
EMERSON
PayPal
NATIONAL INSTRUMENTS
TIME WARNER CABLE Business Class
M3 DESIGN
DELL
TOPPAN
SILICON LABS
Heraeus
cisco
motive
at&t
gemalto
CORE NAP
Austin Technology Council
Wi Fi
smsc
Fry's
ESTRONICS, INC.
DFJ MERCURY
ati
CROSSROADS
merkatum
IBM
SAMSUNG
MOTOROLA
vcfo
QUALCOMM
ORACLE
TACC
Microsoft
ST
ncsoft
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Fixeon
KINETICS
Austin
semi
PROACE
tengoInternet
NetQoS
WiiKno
phurnace
SmartDog
SiteGoals
InnoTech
intersil
GIGANEWS
LifeSize
intel
Austin
IDENTITY
caringo
TOKYO ELECTRON
AMD
freescale
SPANSION
SVTC
SpeedTECH
CHEMWEST
VARGO

NXP/Samsung 1-24. Please provide a detailed list of all EGRSO expenditures programs funded during the test year and in each of the prior three years. Your answer should include the amounts spent by AE per program as well as the names of all other public and private partners for each project and the amounts contributed by each. Include for each payment, at minimum, the date of the payment, the payment reference number, the payee, the amount, the accounting distribution, and the purpose of the payment.

ANSWER:

In Test Year 2013-14, the Economic Growth & Redevelopment Services Office (EGRSO), ceased to be a part of the Austin Energy Fund and thus became established as an independent City of Austin department named the Economic Development Department. However, Austin Energy's cost of service model continues to reference this department as EGRSO for continuity purposes. The City's Financial Services department established a funding model for TY 2013-14 that included funding from the General Fund department, Austin Water and Austin Resource Recovery in addition to Austin Energy. The funding model adopted is attached as Attachment 1.

During the proposed budget proceedings for FY 2013-14, the Austin City Council adopted an approved budget that included an additional $400,000 in budgeted funds to the Office of Economic Development to be transferred from Austin Energy. Those amendments are attached as Attachment 2.

Attachment 1: Office of Economic Development
Attachment 2: Economic Growth and Redevelopment Service Office Budget Based Expenditures by Program Activity FY2009-FY2014

Prepared by: SK
Sponsored by: Mark Dombroski

Office of Economic Development

Proposed Funding Model

Funding Department	FY 13 Budget Revenue	% of Revenue	Transfer
General Fund	754,875,548	0.4852%	3,663,000
Austin Energy	1,273,895,270	0.4852%	6,180,895
Austin Water Utility	506,898,540	0.4852%	2,459,500
Resource Recovery	72,746,695	0.4852%	353,000
Total	**2,608,416,053**		**12,656,395**

Includes FY 14 Proposed Budget ($12,408,230) + 2% Growth ($248,165)

Transition Plan

Fiscal Year	General Fund	Austin Energy	Austin Water Utility	Resource Recovery	Total
2013-14	915,750	11,037,520	614,875	88,250	**12,656,395**
2014-15	1,831,500	9,418,645	1,229,750	176,500	**12,656,395**
2015-16	2,747,250	7,799,770	1,844,625	264,750	**12,656,395**
2016-17	3,663,000	6,180,895	2,459,500	353,000	**12,656,395**

FY 2014 BUDGET ADOPTION -- September 9 &10, 2013

#	Sponsor	Fund	Potential Amendment	Revenue/ Transfers In	Expenditures/ Transfers Out	FTEs
82	Morrison	Support Services	Amend the Proposed Budget of the Management Services Department to increase appropriations by $50,000 to fund one time the Connected Austin Survey recommended by the Community Technology Telecommunications Commission.		50,000	
84	Morrison	Support Services	Amend the Proposed Budget of the Management Services Department to increase appropriations by $25,000 to increase GTOPS funding to $200,000.		25,000	
85	Leffingwell	General Fund	Amend the Proposed Budget of the General Fund to reduce property tax revenue by $7,255,553.	(7,355,510)		
87	Morrison	Austin Energy	Amend the Proposed Budget of Austin Energy to increase the transfer to the Economic Development Fund by $200,000 for additional funding for Capital IDEA.		200,000	
88	Morrison	Economic Development	Amend the Proposed Budget of the Economic Development Fund to increase the transfer in from Austin Energy by $200,000 for additional funding for Capital IDEA.	200,000		
89	Morrison	Economic Development	Amend the Proposed Budget of the Economic Development Department to increase appropriations by $200,000 for additional funding for Capital IDEA.		200,000	
91	Martinez	Code Compliance	Amend the Proposed Budget of the Code Compliance Department to decrease appropriations in the amount of $875,235 and eliminate 9 of the 19 FTEs added in the Proposed Budget to result in the addition of 9 code compliance inspector c positions and one training instructor.		(875,235)	(9.00)
92	Martinez	Code Compliance	Amend the Proposed Budget of the Code Compliance Department to reduce revenue collected through the Clean Communities Fee in the amount of $875,235.	(875,235)		
93	Martinez	General Fund	Amend the Proposed Budget of the Health and Human Services Department to increase appropriations in the amount of $350,000 to increase funding for the Prime Time After School Program Social Service Contract.		350,000	

FY 2014 BUDGET ADOPTION -- September 9 &10, 2013

#	Sponsor	Fund	Potential Amendment	Revenue/ Transfers In	Expenditures/ Transfers Out	FTEs
104	Tovo	General Fund	Amend the Proposed Budget of the Health and Human Services Department to increase appropriations in the amount of $575,000 to continue funding of Child Inc. HeadStart program Social Service Contract.		575,000	
109	Staff	Austin Energy	Amend the Proposed Budget of Austin Energy to increase the transfer to the Economic Development Fund by $200,000 for the Texas Facilities Commission Interlocal Agreement.		200,000	
110	Staff	Economic Development	Amend the Proposed Budget of the Economic Development Fund to increase the transfer in from Austin Energy by $200,000 for Texas Facilities Commission Interlocal Agreement.	200,000		
111	Staff	Economic Development	Amend the Proposed Budget of the Economic Development Department to increase appropriations in the amount of $200,000 for Texas Facilities Commission Interlocal Agreement.		200,000	
116	Martinez	Sustainability Fund	Amend the Proposed Budget of the Health and Human Services Department to decrease approporiations in the amount of $330,650 to move the workforce development contracts with SkillPoint Alliance and Capital IDEA to the Economic Development Department and increase appropriations in the Economic Development Department by $330,650.		0	
117	Martinez	General Fund	Amend the Proposed Budget of the Health and Human Services Department to increase appropriations in the amount of $250,000 for Huston-Tillotson.		250,000	
118	Morrison	General Fund	Amend the Proposed Budget of the General Fund by increasing transfers in from the Business Retention Fund in the amount of $997,797 to draw down ending balance.	997,797		
119	Morrison	Business Retention Fund	Amend the Proposed Budget of the Business Retention Fund by transferring $997,797 to the General Fund.		997,797	
120	Tovo	General Fund	Amend the Proposed Budget of the Planning and Development Review Department to decrease appropriations in the amount of $78,710 and eliminate 1 position		(78,710)	(1.00)

Economic Growth and Redevelopment Service Office
Budget Based Expenditures by Program Activity
FY2009 - FY2014

EGRSO Operating Fund

	Program Description	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Actual
EGRSO Program						
Economic Development	The purpose of the Economic Development Services activity to is to create jobs for ratepayers and taxpayers and to bring new companies into the AE service territory and the City that will generate new electric utility revenue and new property tax revenue, thus decreasing the burden on existing users and payers. Since inception of this program, 15 companies have committed to creating 9,000 jobs and $8.9 billion of new investment. The Governor's Office of Economic Development has committed $52.6 million of Texas Enterprise Fund awards to these same projects.	3,750,437	3,981,950	2,584,870	711,705	690,807
Redevelopment	The purpose of the Redevelopment Services activity is to regenerate underutilized tracts of land within the AE service territory and City. Since inception of this program, over 6.8 million square feet of new industrial, commercial, retail, office, and residential space has been added to the AE service territory and City. Included are new customers for AE's chilled water system within the Downtown Austin area. An additional 8.3 million square feet of new space valued at over $1 billion is underway and scheduled to brought on-line throughout the next 7 years.				1,512,375	1,417,577
Cultural Arts	The purpose of the Cultural Arts Division is to support the economic development, community development and revitalization of the City by strengthening and promoting arts, culture and creative industries for purposes of attraction and retention of businesses, preserving quality of life for its residents, and cultivating tourism. The Cultural Arts Division	1,003,529	1,148,742	871,050	1,071,878	1,213,615
Support Services	The purpose of the Departmental Support Services is to fully support all EGRSO programs.	407,567	506,610	863,984	993,901	1,436,407
Small Business Development	The purpose of the Small Business Development Program is to provide direct business management technical assistance; deliver business training and education; operate a Business Solutions Center; administer a loan program using federal funds; host programs and special events; and, provide other services and information so entrepreneurs can experience productive growth in a competitive business environment. All small business services and programs are needs-based and have been designed based on input provided by small business owners in two formal needs assessments as well as through ongoing regular feedback and evaluation. The Small Business Development Program has been designated as a national model for Entrepreneurial Development by the International Economic Development Council. Harvard University's JFK School of Government and the U.S. Conference of Mayors have designated one of SBDP's programs as a model in connecting businesses to capital.	2,088,031	1,862,833	1,922,876	1,990,444	2,132,583
Music	The purpose of the Music activity is to support musicians and the music industry which add to the quality of life and ambiance of the Austin region and AE service territory. The music industry businesses, including approximately 200 live music venues, in Austin are AE ratepayers that are a valued component of the attractiveness of this region.		98,866	374,155	316,988	372,489
Other Transfers and Requirements	The purpose of the Transfers & Other Requirements program is to account for transfers and other departmental requirements at the fund or agency level.	500,000	304,000	2,862,572	2,925,022	4,030,758
Actual Total Expenditures		7,749,565	7,903,002	9,479,507	9,522,313	11,294,237

NXP/Samsung 1-25. Please provide the annual class non-coincident peak (NCP) load by customer class in the test year and the nine previous years. For each class, provide the date and time of the NCP load and identify any peak loads that occurred on Saturdays, Sundays, or holidays. If fewer than nine years of historical data are available, provide the requested information for as many years as it is available.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter and contains proprietary customer information as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

For the test year, please refer to Work Paper F- 6.1 in the Rate Filing Package. The work paper includes the Austin Energy non-coincident peak ("NCP") load in each month by customer class. Please see Attachment 1 for the list of class peak days by month.

Class load from FY 2005 through FY 2011 and FY 2013 is confidential. Class load for FY 2012 does not exist.

Attachment 1: Austin Energy TY monthly class non-coincident peak load dates and times.

Prepared by: JL
Sponsored by: Mark Dombroski

Austin Energy, Test Year 2014, kWh @ Generation
Non-Coincident Peak Date and Hour Ending

	Residential	Secondary < 10 kw	Secondary 10 - 299 kw	Secondary 300 kw and Greater	Primary < 3 MW	Primary 3 - 19 MW	Primary 20 MW and Greater	Transmission	Transmission 20 MW and Greater (HLF)	COA Owned Outdoor Lighting	Security Lighting	Customer Owned Non-Metered Lighting	Customer Owned Metered Lighting
MTH	E-RES	E-SEC1	E-SEC2	E-SEC3	E-PRI1	E-PRI2	E-PRI3	E-TRANS	E-TRAN2	E-SAL	E-NWM	E-SNG	E-SPORT
10	10/3/13 17:59	10/3/13 14:59	10/3/13 14:59	10/3/13 13:59	10/3/13 14:59	10/3/13 8:59	10/12/13 10:59	10/7/13 19:59	10/30/13 12:59	10/31/13 23:59	10/14/13 0:59	10/14/13 0:59	10/8/13 18:59
11	11/24/13 18:59	11/25/13 9:59	11/25/13 11:59	11/5/13 13:59	11/21/13 13:59	11/21/13 23:59	11/21/13 15:59	11/26/13 8:59	11/21/13 14:59	11/24/13 23:59	11/24/13 23:59	11/24/13 23:59	11/14/13 18:59
12	12/7/13 18:59	12/6/13 11:59	12/10/13 9:59	12/10/13 8:59	12/10/13 6:59	12/20/13 22:59	12/20/13 22:59	12/29/13 19:59	12/20/13 20:59	12/7/13 1:59	12/7/13 1:59	12/7/13 1:59	12/2/13 19:59
1	1/23/14 19:59	1/6/14 10:59	1/6/14 9:59	1/29/14 8:59	1/10/14 7:59	1/31/14 23:59	1/10/14 2:59	1/10/14 3:59	1/10/14 3:59	1/1/14 23:59	1/1/14 23:59	1/1/14 23:59	1/31/14 18:59
2	2/6/14 19:59	2/6/14 10:59	2/6/14 10:59	2/20/14 13:59	2/18/14 13:59	2/25/14 2:59	2/17/14 2:59	2/24/14 3:59	2/25/14 4:59	2/19/14 22:59	2/24/14 1:59	2/19/14 22:59	2/18/14 19:59
3	3/3/14 7:59	3/3/14 11:59	3/3/14 9:59	3/28/14 12:59	3/28/14 12:59	3/31/14 23:59	3/2/14 5:59	3/1/14 4:59	3/2/14 5:59	3/1/14 23:59	3/31/14 23:59	3/31/14 23:59	3/7/14 19:59
4	4/27/14 17:59	4/25/14 13:59	4/24/14 14:59	4/24/14 14:59	4/24/14 14:59	4/2/14 23:59	4/27/14 2:59	4/15/14 4:59	4/24/14 12:59	4/2/14 22:59	4/30/14 23:59	4/30/14 23:59	4/15/14 19:59
5	5/31/14 17:59	5/30/14 13:59	5/9/14 10:59	5/9/14 10:59	5/9/14 10:59	5/30/14 10:59	5/12/14 14:59	5/29/14 10:59	5/12/14 13:59	5/26/14 22:59	5/31/14 23:59	5/31/14 23:59	5/1/14 19:59
6	6/30/14 17:59	6/17/14 13:59	6/16/14 14:59	6/3/14 13:59	6/17/14 9:59	6/18/14 10:59	6/12/14 14:59	6/30/14 23:59	6/12/14 15:59	6/20/14 22:59	6/28/14 22:59	6/20/14 22:59	6/19/14 19:59
7	7/28/14 17:59	7/29/14 13:59	7/29/14 13:59	7/29/14 13:59	7/23/14 11:59	7/23/14 9:59	7/29/14 16:59	7/29/14 13:59	7/31/14 14:59	7/23/14 22:59	7/23/14 22:59	7/23/14 22:59	7/29/14 19:59
8	8/24/14 17:59	8/22/14 14:59	8/26/14 14:59	8/26/14 12:59	8/29/14 11:59	8/8/14 8:59	8/28/14 16:59	8/11/14 12:59	8/7/14 12:59	8/10/14 22:59	8/10/14 22:59	8/10/14 22:59	8/28/14 19:59
9	9/1/14 16:59	9/2/14 13:59	9/3/14 13:59	9/2/14 13:59	9/3/14 10:59	9/5/14 10:59	9/2/14 12:59	9/29/14 12:59	9/4/14 9:59	9/28/14 2:59	9/28/14 2:59	9/28/14 2:59	9/11/14 19:59

Notes:
[1] Central Standard Time
[2] Dates falling on a weekend or holiday are highlighed.

NXP/Samsung 1-26. Please provide the high and low temperatures on the peak day of each month of the test year, the nine previous years, and the three succeeding years in Austin. If fewer than nine years of historical data are available, provide the requested information for as many years as it is available.

ANSWER:

Please see attachment.

Attachment 1: Temperature Data

Prepared by: ZD
Sponsored by: Mark Dombroski

Year	Month	PeakDayMaxTemp	PeakDayMinTemp
2005	1	39	35
2005	2	43	40
2005	3	84	56
2005	4	94	62
2005	5	93	70
2005	6	98	76
2005	7	101	70
2005	8	101	77
2005	9	107	76
2005	10	94	76
2005	11	88	70
2005	12	51	25
2006	1	71	36
2006	2	38	28
2006	3	87	58
2006	4	98	72
2006	5	92	75
2006	6	101	76
2006	7	103	77
2006	8	102	76
2006	9	100	73
2006	10	93	73
2006	11	90	62
2006	12	53	30
2007	1	36	30
2007	2	56	24
2007	3	80	67
2007	4	83	68
2007	5	90	66
2007	6	94	79
2007	7	93	76
2007	8	99	81
2007	9	93	73
2007	10	91	73
2007	11	88	63
2007	12	57	30
2008	1	40	34
2008	2	63	28
2008	3	61	37
2008	4	91	72
2008	5	100	79
2008	6	100	75
2008	7	100	79
2008	8	102	75
2008	9	100	75
2008	10	91	66

2008	11	86	68
2008	12	66	31
2009	1	51	29
2009	2	90	59
2009	3	41	39
2009	4	93	64
2009	5	95	73
2009	6	106	79
2009	7	106	78
2009	8	104	76
2009	9	100	75
2009	10	90	80
2009	11	54	45
2009	12	44	31
2010	1	33	21
2010	2	40	33
2010	3	60	37
2010	4	87	73
2010	5	93	67
2010	6	98	78
2010	7	95	78
2010	8	104	78
2010	9	98	79
2010	10	88	70
2010	11	84	64
2010	12	61	32
2011	1	49	27
2011	2	25	17
2011	3	89	66
2011	4	93	74
2011	5	100	77
2011	6	104	80
2011	7	102	79
2011	8	108	81
2011	9	103	81
2011	10	94	76
2011	11	83	70
2011	12	51	28
2012	1	58	35
2012	2	63	39
2012	3	88	65
2012	4	92	65
2012	5	93	74
2012	6	107	77
2012	7	100	75
2012	8	102	79
2012	9	102	75

2012	10	89	68
2012	11	85	59
2012	12	62	31
2013	1	53	30
2013	2	71	38
2013	3	89	62
2013	4	87	70
2013	5	93	73
2013	6	105	76
2013	7	101	76
2013	8	104	79
2013	9	102	76
2013	10	91	76
2013	11	40	35
2013	12	48	29
2014	1	47	22
2014	2	32	26
2014	3	47	24
2014	4	92	67
2014	5	92	69
2014	6	95	77
2014	7	96	76
2014	8	101	77
2014	9	98	77
2014	10	91	77
2014	11	56	31
2014	12	41	36
2015	1	36	23
2015	2	36	30
2015	3	56	26
2015	4	85	63
2015	5	89	73
2015	6	94	74
2015	7	101	80
2015	8	103	78
2015	9	99	77
2015	10	99	72
2015	11	84	72
2015	12	45	37

NXP/Samsung 1-27. Please provide monthly heating and cooling degree-days in Austin since 1970 on a calendar month basis. If billing cycle average heating and cooling degree-days are also available, please provide that information.

ANSWER:

Please see attachment.

Attachment 1: Heating and Cooling Degree Day Data

Prepared by: ZD
Sponsored by: Mark Dombroski

Year	Month	CDD65	HDD55	BillCycleCDD65	BillCycleHDD55
1973	1	0	333		
1973	2	0	190		
1973	3	25	0		
1973	4	69	26		
1973	5	267	0		
1973	6	380	0		
1973	7	518	0		
1973	8	501	0		
1973	9	400	0		
1973	10	175	0		
1973	11	82	5		
1973	12	0	160		
1974	1	5	257		
1974	2	11	86		
1974	3	127	43		
1974	4	141	0		
1974	5	358	0		
1974	6	438	0		
1974	7	563	0		
1974	8	465	0		
1974	9	202	0		
1974	10	136	0		
1974	11	27	72		
1974	12	4	186		
1975	1	17	170		
1975	2	0	141		
1975	3	40	64		
1975	4	118	5		
1975	5	254	0		
1975	6	416	0		
1975	7	496	0		
1975	8	498	0		
1975	9	284	0		
1975	10	163	3		
1975	11	54	80		
1975	12	15	191		
1976	1	0	212		
1976	2	34	43		
1976	3	73	40		
1976	4	98	0		
1976	5	170	0		
1976	6	418	0		
1976	7	432	0		
1976	8	541	0		
1976	9	356	0		
1976	10	51	34		

1976	11	3	198
1976	12	0	216
1977	1	0	429
1977	2	6	93
1977	3	29	17
1977	4	65	0
1977	5	293	0
1977	6	481	0
1977	7	599	0
1977	8	639	0
1977	9	511	0
1977	10	198	0
1977	11	28	26
1977	12	8	147
1978	1	4	477
1978	2	5	323
1978	3	18	79
1978	4	136	0
1978	5	361	0
1978	6	497	0
1978	7	639	0
1978	8	579	0
1978	9	377	0
1978	10	140	0
1978	11	45	47
1978	12	9	227
1979	1	2	475
1979	2	2	259
1979	3	20	29
1979	4	93	4
1979	5	197	0
1979	6	424	0
1979	7	513	0
1979	8	503	0
1979	9	339	0
1979	10	193	0
1979	11	23	93
1979	12	5	148
1980	1	4	184
1980	2	10	181
1980	3	54	59
1980	4	99	14
1980	5	295	0
1980	6	571	0
1980	7	694	0
1980	8	613	0
1980	9	471	0

1980	10	163	16
1980	11	34	110
1980	12	14	147
1981	1	0	183
1981	2	15	157
1981	3	17	21
1981	4	198	0
1981	5	274	0
1981	6	442	0
1981	7	587	0
1981	8	606	0
1981	9	415	0
1981	10	245	2
1981	11	43	8
1981	12	5	123
1982	1	19	223
1982	2	13	213
1982	3	120	41
1982	4	139	8
1982	5	309	0
1982	6	476	0
1982	7	645	0
1982	8	658	0
1982	9	479	0
1982	10	200	0
1982	11	46	89
1982	12	17	177
1983	1	0	261
1983	2	0	139
1983	3	10	58
1983	4	78	6
1983	5	240	0
1983	6	388	0
1983	7	524	0
1983	8	561	0
1983	9	366	0
1983	10	198	0
1983	11	73	32
1983	12	6	466
1984	1	0	306
1984	2	9	88
1984	3	66	22
1984	4	188	0
1984	5	376	0
1984	6	509	0
1984	7	602	0
1984	8	620	0

1984	9	321	0
1984	10	182	0
1984	11	36	59
1984	12	27	85
1985	1	0	367
1985	2	7	228
1985	3	70	5
1985	4	156	0
1985	5	335	0
1985	6	447	0
1985	7	537	0
1985	8	663	0
1985	9	411	0
1985	10	199	0
1985	11	78	31
1985	12	4	238
1986	1	1	113
1986	2	54	124
1986	3	41	3
1986	4	196	1
1986	5	254	0
1986	6	469	0
1986	7	631	0
1986	8	574	0
1986	9	454	0
1986	10	120	4
1986	11	27	79
1986	12	1	161
1987	1	2	178
1987	2	0	84
1987	3	14	55
1987	4	160	11
1987	5	308	0
1987	6	427	0
1987	7	535	0
1987	8	610	0
1987	9	396	0
1987	10	145	0
1987	11	48	51
1987	12	12	173
1988	1	3	297
1988	2	15	162
1988	3	45	49
1988	4	135	1
1988	5	282	0
1988	6	444	0
1988	7	566	0

1988	8	639	0
1988	9	474	0
1988	10	207	0
1988	11	110	24
1988	12	15	108
1989	1	14	109
1989	2	7	259
1989	3	62	98
1989	4	170	8
1989	5	379	0
1989	6	464	0
1989	7	597	0
1989	8	564	0
1989	9	392	0
1989	10	230	4
1989	11	71	50
1989	12	2	380
1990	1	16	67
1990	2	12	25
1990	3	41	43
1990	4	144	0
1990	5	380	0
1990	6	605	0
1990	7	529	0
1990	8	603	0
1990	9	438	0
1990	10	186	2
1990	11	67	24
1990	12	11	252
1991	1	0	261
1991	2	3	58
1991	3	66	14
1991	4	183	0
1991	5	340	0
1991	6	464	0
1991	7	542	0
1991	8	578	0
1991	9	326	0
1991	10	244	15
1991	11	32	109
1991	12	13	113
1992	1	0	154
1992	2	7	33
1992	3	36	21
1992	4	122	7
1992	5	221	0
1992	6	479	0

1992	7	545	0
1992	8	496	0
1992	9	423	0
1992	10	215	0
1992	11	19	89
1992	12	14	117
1993	1	0	199
1993	2	8	91
1993	3	35	41
1993	4	87	0
1993	5	257	0
1993	6	448	0
1993	7	600	0
1993	8	664	0
1993	9	476	0
1993	10	217	25
1993	11	23	96
1993	12	14	112
1994	1	7	169
1994	2	12	133
1994	3	60	24
1994	4	155	4
1994	5	300	0
1994	6	536	0
1994	7	650	0
1994	8	541	0
1994	9	344	0
1994	10	197	1
1994	11	76	15
1994	12	8	95
1995	1	10	136
1995	2	4	72
1995	3	64	86
1995	4	120	0
1995	5	327	0
1995	6	440	0
1995	7	607	0
1995	8	579	0
1995	9	411	0
1995	10	183	0
1995	11	18	44
1995	12	33	159
1996	1	5	210
1996	2	72	162
1996	3	28	112
1996	4	163	14
1996	5	449	0

1996	6	504	0		
1996	7	654	0		
1996	8	524	0		
1996	9	368	0		
1996	10	183	0		
1996	11	37	58		
1996	12	12	152		
1997	1	12	288		
1997	2	11	136		
1997	3	54	13		
1997	4	46	13		
1997	5	215	0		
1997	6	408	0		
1997	7	569	0		
1997	8	551	0		
1997	9	443	0		
1997	10	177	5		
1997	11	25	89		
1997	12	0	178		
1998	1	9	76		
1998	2	2	47		
1998	3	49	73		
1998	4	90	0		
1998	5	430	0		
1998	6	601	0		
1998	7	680	0		
1998	8	601	0		
1998	9	506	0		
1998	10	212	0		
1998	11	53	13		
1998	12	31	177		
1999	1	12	118		
1999	2	43	20		
1999	3	31	13		
1999	4	221	0		
1999	5	331	0		
1999	6	457	0		
1999	7	511	0		
1999	8	676	0		
1999	9	458	0		
1999	10	197	3	341	1
1999	11	43	16	95	5
1999	12	11	103	36	57
2000	1	14	141	11	101
2000	2	59	31	26	130
2000	3	118	10	96	12
2000	4	183	0	125	6

2000	5	394	0	290	0
2000	6	465	0	478	0
2000	7	655	0	607	0
2000	8	653	0	654	0
2000	9	480	0	669	0
2000	10	223	21	291	15
2000	11	18	96	135	50
2000	12	0	297	4	178
2001	1	0	229	0	322
2001	2	20	110	8	162
2001	3	4	78	14	92
2001	4	177	0	103	38
2001	5	329	0	226	0
2001	6	495	0	447	0
2001	7	657	0	582	0
2001	8	621	0	701	0
2001	9	341	0	505	0
2001	10	121	0	218	0
2001	11	55	57	94	7
2001	12	20	145	38	93
2002	1	20	137	9	212
2002	2	3	156	19	134
2002	3	44	81	17	138
2002	4	243	0	109	15
2002	5	363	0	350	0
2002	6	495	0	439	0
2002	7	509	0	493	0
2002	8	597	0	551	0
2002	9	417	0	566	0
2002	10	152	0	347	0
2002	11	10	50	58	9
2002	12	5	138	7	116
2003	1	0	218	3	168
2003	2	4	183	2	202
2003	3	19	33	12	142
2003	4	182	0	83	6
2003	5	440	0	321	0
2003	6	499	0	471	0
2003	7	568	0	554	0
2003	8	617	0	599	0
2003	9	375	0	552	0
2003	10	216	0	298	0
2003	11	95	38	185	7
2003	12	6	95	45	72
2004	1	14	136	18	130
2004	2	0	148	1	154
2004	3	65	0	20	69

2004	4	122	5	98	4
2004	5	319	0	186	2
2004	6	404	0	431	0
2004	7	520	0	469	0
2004	8	531	0	533	0
2004	9	416	0	485	0
2004	10	291	0	349	0
2004	11	6	37	193	11
2004	12	3	171	5	97
2005	1	26	166	26	173
2005	2	12	91	8	161
2005	3	25	30	15	56
2005	4	98	0	57	14
2005	5	282	0	156	0
2005	6	534	0	456	0
2005	7	574	0	618	0
2005	8	593	0	558	0
2005	9	550	0	608	0
2005	10	192	2	425	1
2005	11	104	28	130	9
2005	12	4	162	48	117
2006	1	7	32	7	89
2006	2	11	108	4	59
2006	3	99	23	72	77
2006	4	265	0	185	18
2006	5	365	0	290	0
2006	6	516	0	479	0
2006	7	601	0	579	0
2006	8	680	0	649	0
2006	9	420	0	587	0
2006	10	218	0	359	0
2006	11	71	22	119	4
2006	12	17	135	49	99
2007	1	3	284	12	188
2007	2	15	134	3	245
2007	3	80	12	36	71
2007	4	103	29	100	22
2007	5	304	0	213	8
2007	6	443	0	390	0
2007	7	444	0	461	0
2007	8	577	0	528	0
2007	9	447	0	523	0
2007	10	267	0	407	0
2007	11	79	60	151	9
2007	12	27	123	64	93
2008	1	9	205	15	184
2008	2	28	45	19	139

2008	3	70	29	39	47
2008	4	158	0	118	6
2008	5	431	0	254	0
2008	6	629	0	590	0
2008	7	608	0	642	0
2008	8	604	0	639	0
2008	9	446	0	560	0
2008	10	192	1	339	0
2008	11	42	19	106	5
2008	12	19	176	20	92
2009	1	13	154	25	176
2009	2	40	17	14	97
2009	3	87	57	80	45
2009	4	139	1	81	25
2009	5	383	0	274	0
2009	6	623	0	496	0
2009	7	719	0	735	0
2009	8	703	0	709	0
2009	9	366	0	590	0
2009	10	148	0	285	0
2009	11	15	19	72	2
2009	12	1	277	8	149
2010	1	0	268	1	319
2010	2	0	245	0	232
2010	3	7	32	1	154
2010	4	115	0	57	12
2010	5	387	0	214	0
2010	6	536	0	503	0
2010	7	560	0	582	0
2010	8	699	0	645	0
2010	9	424	0	618	0
2010	10	186	0	284	0
2010	11	70	30	137	6
2010	12	3	137	47	88
2011	1	3	218	3	186
2011	2	37	207	13	270
2011	3	103	2	64	59
2011	4	315	0	203	1
2011	5	393	3	332	3
2011	6	641	0	571	0
2011	7	738	0	733	0
2011	8	812	0	777	0
2011	9	561	0	736	0
2011	10	228	0	422	0
2011	11	76	33	145	8
2011	12	5	166	47	101
2012	1	1	78	3	144

2012	2	33	82	13	83
2012	3	101	18	56	49
2012	4	240	0	182	6
2012	5	368	0	289	0
2012	6	578	0	484	0
2012	7	575	0	624	0
2012	8	647	0	625	0
2012	9	422	0	590	0
2012	10	196	5	295	1
2012	11	70	17	146	8
2012	12	46	128	67	46
2013	1	23	165	20	215
2013	2	10	25	25	67
2013	3	58	23	26	30
2013	4	124	5	94	16
2013	5	317	0	181	1
2013	6	578	0	473	0
2013	7	608	0	654	0
2013	8	680	0	657	0
2013	9	501	0	640	0
2013	10	203	0	360	0
2013	11	41	122	109	17
2013	12	10	242	34	220
2014	1	1	199	6	243
2014	2	29	177	13	222
2014	3	27	72	24	130
2014	4	162	3	87	12
2014	5	279	0	221	1
2014	6	487	0	399	0
2014	7	573	0	563	0
2014	8	650	0	606	0
2014	9	431	0	610	0
2014	10	260	0	346	0
2014	11	15	109	138	42
2014	12	4	110	14	101
2015	1	0	259	2	260
2015	2	2	202	1	175
2015	3	46	80	11	202
2015	4	172	0	121	11
2015	5	287	0	222	0
2015	6	453	0	383	0
2015	7	608	0	546	0
2015	8	662	0	667	0
2015	9	505	0	612	0
2015	10	283	0	420	0
2015	11	49	47	164	3
2015	12	21	91	32	78

NXP/Samsung 1-28. Please provide the number of customers by rate class in each month for the test year, the five previous years, and the three succeeding years. If fewer than five years of historical data are available, provide the requested information for as many years as it is available.

ANSWER:

For the test year, a customer is defined as an active premise. A report of the active premises in FY 2012 does not exist. In the attached document, the number of "Service Agreements" is shown for FY 2012. An active premise can have more than one service agreement when the premise changes occupants in a given month.

Attachment 1: Austin Energy number of premises by rate class by month (FY 2009 – FY 2015)

Prepared by: JL
Sponsored by: Mark Dombroski

AUSTIN ENERGY
Non-Zero Active Premises By Customer Class
FISCAL YEAR 2009

Rate	Non-Zero Bills	10/31/2008	11/30/2008	12/31/2008	1/31/2009	2/28/2009	3/31/2009	4/30/2009	5/31/2009	6/30/2009	7/31/2009	8/31/2009	9/30/2009
E01	Residential Service	357,321	355,252	356,904	357,990	358,207	358,557	360,027	360,872	362,830	364,966	368,530	364,521

Rate	Non-Zero Active Premises	10/31/2008	11/30/2008	12/31/2008	1/31/2009	2/28/2009	3/31/2009	4/30/2009	5/31/2009	6/30/2009	7/31/2009	8/31/2009	9/30/2009
E01	Residential Service	351,155	351,234	352,107	352,659	353,241	353,699	353,699	354,769	355,316	356,131	356,609	357,209
E01C	Res Service Relig Sanc	610	610	606	606	604	608	608	607	609	612	610	608
E02	Gen Svc Non-Demand	31,807	31,766	31,843	31,884	31,931	32,055	32,054	32,324	32,065	31,923	31,946	32,117
E02S	Sports Lighting Non-Dem	31	31	31	33	33	33	33	33	33	35	35	35
E03	COA Water & Wastewater	156	153	157	156	158	161	161	160	161	158	155	155
E04	COA Other City Dept	631	615	619	613	612	620	620	631	634	632	636	635
E05	COA Street & Traffic Lights												
E06	Gen Svc Demand	9,638	9,573	9,517	9,490	9,473	9,429	9,428	9,373	9,808	9,982	10,028	9,999
E07	Primary Svc/Primary Fuel	35	35	34	35	35	34	34	36	36	37	36	36
E07S	Primary Svc/Sec Fuel	22	22	22	22	22	22	22	22	22	22	22	22
E09	Lg Prim Svc TOU												
E11	Transmission	2	2	2	2	2	2	2	2	2	2	2	2
E13	State Gen Svc Non-Demand	178	173	173	174	175	178	178	173	175	174	175	179
E14	State Gen Svc Demand	233	234	232	232	233	232	232	232	233	234	237	242
E15	State Large Primary Svc	3	3	3	3	3	3	3	3	3	3	3	3
E16	State Lrg Prim TOU	2	2	2	2	2	2	2	2	2	2	2	2
E17	State Primary Service	6	6	6	6	6	6	6	6	6	6	6	6
E23	School TOU	252	252	250	251	252	249	249	252	253	252	254	256
LTC1	Lg Ind Rate/Prim Fuel	2	2	2	2	2	2	2	2	2	2	2	2
LTC1S	Lg Ind Rate/Sec Fuel	20	20	20	19	19	19	19	19	19	19	19	19
LTC2	Lg Ind RT/Prim Fuel TOU	24	23	24	24	24	24	24	24	24	24	24	24
LTC2S	Lg Ind RT/Sec Fuel TOU	32	32	32	32	32	32	32	32	31	32	31	32
LTC2T	Lg Ind RT/Tran Fuel TOU	1	1	1	1	1	1	1	1	1	1	1	1
	Total	394,840	394,789	395,683	396,246	396,860	397,411	397,409	398,703	399,435	400,283	400,833	401,584

AUSTIN ENERGY

Non-Zero Active Premises By Customer Class

FISCAL YEAR 2010

Rate	Non-Zero Bills	10/31/2009	11/30/2009	12/31/2009	1/31/2010	2/28/2010	3/31/2010	4/30/2010	5/31/2010	6/30/2010	7/31/2010	8/31/2010	9/30/2010
E01	Residential Service	362,827	361,412	361,228	363,952	363,059	364,711	365,447	365,232	367,886	368,651	376,528	369,411

Rate	**Non-Zero Active Premises**	10/31/2009	11/30/2009	12/31/2009	1/31/2010	2/28/2010	3/31/2010	4/30/2010	5/31/2010	6/30/2010	7/31/2010	8/31/2010	9/30/2010
E01	Residential Service	351,077	349,380	348,870	349,835	349,752	350,210	350,434	350,319	350,827	350,606	351,527	351,876
E01A	Residential Service Low Income	6,526	7,610	8,157	8,226	8,380	8,447	8,597	8,776	8,907	9,708	9,744	9,824
E01C	Res Service Relig Sanc	607	604	603	603	599	601	600	597	593	594	592	596
E02	Gen Svc Non-Demand	32,289	32,283	32,381	32,480	32,483	32,627	32,784	32,782	32,664	32,606	32,698	32,716
E02S	Sports Lighting Non-Dem	36	36	36	36	37	37	37	38	39	37	40	39
E03	COA Water & Wastewater	155	152	154	155	155	154	152	154	153	154	153	152
E04	COA Other City Dept	641	647	634	625	628	633	640	644	633	636	633	634
E05	COA Street & Traffic Lights												
E06	Gen Svc Demand	9,849	9,790	9,762	9,740	9,690	9,674	9,680	9,647	9,701	9,700	9,705	9,692
E07	Primary Svc/Primary Fuel	36	35	36	36	36	36	36	35	35	34	36	38
E07S	Primary Svc/Sec Fuel	22	22	22	22	22	22	20	20	20	20	20	20
E09	Lg Prim Svc TOU												
E11	Transmission	2	2	2	2	2	2	2	2	2	2	2	2
E13	State Gen Svc Non-Demand	185	191	191	195	203	202	203	203	203	204	203	206
E14	State Gen Svc Demand	245	246	244	242	244	243	243	244	242	247	244	244
E15	State Large Primary Svc	3	3	3	3	2	3	3	3	3	3	3	3
E16	State Lrg Prim TOU	2	2	2	2	2	2	2	2	2	2	2	2
E17	State Primary Service	6	6	6	6	6	6	6	6	6	6	6	5
E23	School TOU	263	262	260	261	262	261	264	262	263	264	264	264
LTC1	Lg Ind Rate/Prim Fuel	2	2	2	2	2	2	2	2	2	2	2	2
LTC1S	Lg Ind Rate/Sec Fuel	19	19	19	19	19	19	19	19	17	17	17	17
LTC2	Lg Ind RT/Prim Fuel TOU	24	24	24	24	23	23	23	23	23	23	23	23
LTC2S	Lg Ind RT/Sec Fuel TOU	32	31	31	32	32	33	33	29	34	35	34	33
LTC2T	Lg Ind RT/Tran Fuel TOU	1	1	1	1	1	1	1	1	1	1	1	1
	Total	402,022	401,348	401,440	402,547	402,580	403,238	403,781	403,808	404,370	404,901	405,949	406,389

AUSTIN ENERGY

Non-Zero Active Premises By Customer Class

FISCAL YEAR 2011

Rate	Non-Zero Bills	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
E01	Residential Service	367,641	365,655	366,364	367,207	367,384	369,165	368,014	369,591	372,469	372,591	379,630	371,420

Non-Zero F	Non-Zero Active Premises	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
E01	Residential Service	352,066	351,250	351,794	353,043	354,650	354,973	354,805	355,059	356,654	356,933	357,217	356,597
E01A	Residential Service Low Income	9,848	9,894	9,899	9,058	7,906	8,083	8,180	8,328	7,288	7,545	7,858	8,744
E01C	Res Service Relig Sanc	596	584	582	581	585	581	577	578	577	576	578	581
E02	Gen Svc Non-Demand	32,757	32,778	32,797	32,868	32,969	33,057	33,225	33,294	33,005	32,795	32,642	32,606
E02S	Sports Lighting Non-Dem	40	40	40	39	40	40	40	40	41	43	44	44
E03	COA Water & Wastewater	152	155	156	156	155	186	190	193	191	189	191	187
E04	COA Other City Dept	642	648	637	640	628	606	614	618	631	630	624	636
E05	COA Street & Traffic Lights												
E06	Gen Svc Demand	9,688	9,664	9,634	9,621	9,612	9,586	9,562	9,551	9,929	10,092	10,241	10,245
E07	Primary Svc/Primary Fuel	38	53	51	53	53	53	56	56	58	57	57	57
E07S	Primary Svc/Sec Fuel	20	-	-	-	-	-	-	-	-	-	-	-
E09	Lg Prim Svc TOU	-	-	-	-	-	-	-	1	1	-	1	-
E11	Transmission	2	2	2	2	2	2	2	2	2	2	2	2
E13	State Gen Svc Non-Demand	208	206	205	205	207	208	209	208	208	206	204	200
E14	State Gen Svc Demand	247	243	244	243	243	242	242	242	240	241	243	243
E15	State Large Primary Svc	2	2	2	2	2	2	2	2	2	2	2	2
E16	State Lrg Prim TOU	2	2	2	2	2	2	2	2	2	1	1	1
E17	State Primary Service	6	6	6	6	6	6	6	6	6	6	6	6
E23	School TOU	265	266	265	266	269	275	295	299	299	299	300	305
FACL	Fuel Clause Rate/Security Lite	-	-	-	-	-	-	-	-	-	-	-	-
LTC1	Lg Ind Rate/Prim Fuel	2	2	2	2	2	2	2	2	2	2	2	3
LTC1S	Lg Ind Rate/Sec Fuel	17	17	17	17	8	17	16	16	16	16	16	17
LTC2	Lg Ind RT/Prim Fuel TOU	23	23	23	23	23	23	23	24	24	24	24	24
LTC2S	Lg Ind RT/Sec Fuel TOU	35	35	34	36	36	35	36	36	36	36	35	35
LTC2T	Lg Ind RT/Tran Fuel TOU	1	1	1	1	1	1	1	1	1	1	1	1
Total		406,657	405,871	406,393	406,864	407,399	407,980	408,085	408,558	409,213	409,696	410,289	410,536

AUSTIN ENERGY
Service Agreements By Customer Class
FISCAL YEAR 2012

Rate	Description	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
E01	Residential Service Winter	366,824	367,972	367,838	372,178	370,664	371,550	370,638	374,029	375,748	377,109	382,935	379,291
E01A	Res Svc/Cust Chg Exempt Winter	3,142	3,003	2,736	2,756	3,054	3,171	3,063	2,978	2,854	2,949	3,058	3,079
E01C	Res Service Winter-Relig Sanc	563	568	568	564	562	560	561	565	562	559	561	561
E02	Gen Svc Non-Demand Winter	33,359	34,135	37,975	35,535	34,277	34,327	34,458	34,632	34,090	34,377	34,292	34,031
E02S	Sports Lighting Non-Dem Winter	36	38	35	35	34	34	36	38	38	39	39	39
E03	COA Water & Wastewater Winter	178	176	177	178	177	176	175	181	180	179	175	196
E04	COA Other City Dept Winter	683	689	698	703	695	702	698	703	699	697	704	690
E04A	COA Austin Energy Winter	10	12	12	12	10	12	11	12	11	12	16	15
E05	COA Street & Traffic Lights	2	2	2	4	4	4	4	4	4	4	4	3
E05A	City of Pflugerville Lighting	0	1	0	1	1	1	1	0	1	1	1	0
E06	Gen Svc Demand Winter	10,138	9,334	4,553	8,231	9,577	9,677	9,688	9,710	10,082	9,934	10,171	10,328
E07	Primary Svc/Primary Fuel Win	53	52	27	48	55	54	51	51	50	49	50	48
E07S	Primary Svc/Sec Fuel	0	0	0	0	0	0	2	2	2	2	2	2
E08	Large Primary Service	1	1	1	1	1	1	2	1	1	1	1	1
E09NP	Lg Prim Svc TOU Off-Peak	0	0	0	0	0	0	0	0	0	0	0	1
E09P	Lg Prim Svc TOU On-Peak	0	0	0	0	0	0	0	0	1	1	2	1
E10	School Gen Svc Demand Winter	10	10	11	10	10	10	18	16	16	12	22	89
E11	Transmission Svc/Trans Fuel	1	2	2	0	2	2	3	1	3	3	1	3
E13	State Gen Svc Non-Demand Win	211	222	397	271	222	221	217	211	214	214	212	214
E14	State Gen Svc Demand Winter	235	237	60	181	235	239	245	246	240	240	241	239
E15	State Large Primary Svc Winter	2	2	0	0	2	1	1	2	2	2	2	2
E16NP	State Lrg Prim TOU Off-Pk Win	0	0	1	0	0	0	1	0	1	0	1	0
E16P	State Large Prim TOU On-Pk Win	1	2	1	1	2	2	1	1	0	1	0	1
E17	State Primary Service Winter	0	1	0	0	0	1	1	2	3	3	3	4
E23NP	School TOU Off-Peak Win	130	119	120	117	107	118	111	132	121	120	112	116
E23P	School TOU On-Peak Winter	156	173	178	177	185	172	178	166	180	177	187	178
E-PRI1	Primary <3MW	0	0	0	0	0	0	0	0	0	0	0	0
FACSL	Fuel Clause Rate/Security Lite	0	0	0	0	0	0	0	0	0	0	0	0
GSDCP	Gen Svc Demand Coin Peak Win	6	7	6	6	10	11	10	10	5	10	6	8
GSDNP	Gen Svc Demand Coin NP Winter	4	3	4	4	0	0	0	0	5	0	4	2
LIR1	Lg Ind Rate/Prim Fuel Win	1	1	1	1	1	1	1	1	1	1	1	1
LIR1S	Lg Ind Rate/Sec Fuel Win	7	7	3	7	8	8	8	8	8	6	7	7
LIR2	Lg Ind RT/Prim Ful TOU OnPk W	9	6	6	5	3	3	1	6	6	5	6	4
LIR2S	Lg Ind Rt/Sec Ful TOU OnPk W	1	1	0	1	0	1	1	1	1	0	0	2
LIR2T	LPS Cont/Tran Fuel TOU OnPk W	0	0	1	0	0	1	1	0	0	0	1	0
LIR3	Lg Ind RT/Prim Ful TOU OffPk W	2	3	4	3	4	4	6	3	0	1	0	2
LIR3S	Lg ind RT/Sec Ful TOU OffPk W	1	1	2	0	1	0	0	0	0	0	1	0
LIR3T	Lg Ind RT/Tran Ful TOU OffPk W	1	1	0	1	1	0	0	1	1	1	0	1

AUSTIN ENERGY
Service Agreements By Customer Class
FISCAL YEAR 2012

Rate	Description	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
LTC1	Lg Prim Svc Cont/Prim Fuel Wtr	2	2	1	2	2	2	2	2	2	2	2	2
LTC1S	Lg Prim Svc Cont/Sec Fuel Wtr	9	8	8	9	9	9	9	9	9	9	9	10
LTC2	LPS Cont/Prim Fuel TOU On-Pk W	11	7	6	12	10	11	12	7	12	14	9	9
LTC2S	LPS Cont/Sec Fuel TOU On-Pk W	15	24	25	21	20	24	24	19	25	26	17	18
LTC3	LPS Cont/Prim Fuel TOU Off-Pk W	2	6	7	4	6	6	5	8	6	5	10	11
LTC3S	LPS Cont/Sec Fuel TOU Off-Pk W	17	8	8	12	14	10	9	14	8	8	18	18
UTCLK	UT Standby Primary Winter	0	1	1	1	1	1	4	4	3	4	3	2
UTEXS	UT Standby Transmission Winter	1	0	1	1	1	0	0	1	0	1	1	0
	Totals	415,824	416,837	415,476	421,093	419,967	421,127	420,257	423,777	425,195	426,778	432,887	429,229

AUSTIN ENERGY
Non-Zero Active Premises By Customer Class
FISCAL YEAR 2013

Non-Zero Counts		201210	201211	201212	201301	201302	201303	201304	201305	201306	201307	201308	201309
E-RES	Residential Standard	369,976	370,582	370,767	371,890	371,918	372,257	372,980	373,501	373,683	374,578	374,736	376,260
E-SEC1	Sec Volt (<10 kW)	26,233	26,299	26,300	26,276	26,210	26,335	26,395	26,426	26,295	26,285	26,336	26,513
E-SEC2	Sec Volt (≥ 10 < 50 kW)	13,421	13,484	13,457	13,526	13,511	13,510	13,523	13,546	13,646	13,714	13,740	13,762
E-SEC3	Sec Volt (≥ 50 kW)	5,052	5,117	5,116	5,138	5,146	5,160	5,175	5,175	5,138	5,156	5,157	5,165
E-PRI1	Prim Volt (< 3 MW)	86	97	100	98	101	100	101	102	100	105	108	109
E-PRI2	Prim Volt (≥ 3 < 20 MW)	19	19	20	18	19	20	20	20	22	22	22	22
E-PRI3	Prim Volt (≥ 20 MW)	3	3	3	3	3	3	3	3	3	3	3	3
E-TRANS	Transmission Voltage	3	3	3	3	3	3	3	3	3	3	3	3
E-SNG	Non-Metered Lighting	2	2	2	2	2	2	2	2	2	2	2	2
E-Sport	Metered Lighting	59	61	61	61	60	61	60	61	61	58	61	61
E-SAL	Street & Traffic Lighting	6	2	2	3	2	2	2	2	8	8	8	8
E-NWM	Outdoor Lighting (AE)	3	3	3	3	3	3	3	3	3	3	3	3
Total		414,863	415,672	415,834	417,021	416,978	417,456	418,267	418,844	418,964	419,937	420,179	421,911

AUSTIN ENERGY
Non-Zero Active Premises By Customer Class
TEST YEAR 2014

Class	Description	201310	201311	201312	201401	201402	201403	201404	201405	201406	201407	201408	201409
E-RES	Residential	378,561	379,473	380,352	380,385	381,405	382,490	382,352	384,145	385,252	385,650	386,246	385,518
E-SEC1	Secondary < 10 KW	28,312	28,243	28,165	28,122	28,269	28,294	28,363	28,396	28,345	28,329	28,280	28,211
E-SEC2	Secondary 10 - 299 KW	17,476	17,503	17,514	17,512	17,561	17,560	17,595	17,625	17,639	17,662	17,638	17,446
E-SEC3	Secondary 300 KW and greather	866	874	881	884	888	923	912	935	942	954	1,007	1,149
E-PRI1	Primary < 3 MW	103	102	102	103	100	99	100	101	103	101	103	102
E-PRI2	Primary 3 - 19 MW	19	20	19	18	19	18	19	19	17	19	19	19
E-PRI3	Primary 20 MW and greater	3	3	3	3	3	3	3	3	3	3	3	3
E-TRAN	Transmission Voltage	3	3	3	3	3	3	3	3	3	3	3	3
E-TRAN2	Trans Voltage ≥ 20 MW, 85% LF	1	1	1	1	1	1	1	1	1	1	1	1
E-SAL	Street Area Lighting	9	11	4	9	8	8	7	9	7	8	8	7
E-NWM	Nightwatchman	4,113	4,083	4,053	4,040	4,049	4,061	4,050	4,034	4,044	4,006	4,011	3,978
E-SNG	Signals	1	1	1	1	1	1	1	1	1	1	1	1
E-SPORT	Sport Lighting	63	63	63	63	63	63	63	62	62	62	62	61
PREM COUI	Grand Total	429,530	430,380	431,161	431,144	432,370	433,524	433,469	435,334	436,419	436,799	437,382	436,499

AUSTIN ENERGY
Non-Zero Active Premises By Customer Class
FISCAL YEAR 2015

Class	Description	201410	201411	201412	201501	201502	201503	201504	201505	201506	201507	201508	201509
E-RES	Residential	387,968	388,088	389,876	388,558	390,633	391,529	392,520	393,260	393,756	394,762	394,463	395,028
E-SEC1	Secondary < 10 KW	27,483	27,559	27,691	27,763	27,982	28,083	28,331	28,444	28,543	27,805	27,734	27,691
E-SEC2	Secondary 10 - 299 KW	13,806	13,781	13,750	13,662	13,588	13,446	13,443	13,399	13,405	13,988	14,048	14,116
E-SEC3	Secondary 300 KW and greather	5,167	5,107	5,094	5,061	5,073	5,053	5,065	4,997	4,983	5,218	5,250	5,297
E-PRI1	Primary < 3 MW	87	84	76	86	82	75	76	79	74	75	77	81
E-PRI2	Primary 3 - 19 MW	22	21	21	22	21	24	19	20	21	24	24	25
E-PRI3	Primary 20 MW and greater	3	3	3	3	3	3	3	3	3	3	3	3
E-PSBY		4	4	4	4	4	4	4	4	4	4	4	0
E-TRANS	Transmission Voltage	3	3	3	2	2	3	3	3	3	3	2	3
E-TRAN2	Trans Voltage ≥ 20 MW, 85% LF	1	1	1	1	1	1	1	1	1	1	1	1
E-SAL	Street Area Lighting	6	5	5	6	4	5	5	5	5	5	5	5
E-NWM	Nightwatchman	3,984	3,973	3,967	3,964	3,958	3,960	3,945	3,932	3,945	3,926	3,922	3,917
E-SNG	Signals	1	1	1	1	1	1	1	1	1	1	1	1
E-SPORT	Sport Lighting	65	65	65	64	65	66	66	66	66	66	67	69
Total		438,600	438,695	440,557	439,197	441,417	442,253	443,482	444,214	444,810	445,881	445,601	446,237

NXP/Samsung 1-29. Please provide workpapers supporting any weather normalization of energy or peak demand proposed by Austin Energy.

ANSWER:

Please see attachment.

Attachment 1: Weather Normalization of Energy and Peak Demands.

Prepared by: JL
Sponsored by: Mark Dombroski

4.11 Weather Normalization

The process of weather normalization adjusts actual revenue month sales to "normal" levels based on normal weather conditions. Basically, this allows us to compare current energy and demand usage from the previous year's weather normalized usage and be able to assess positive/negative growth estimates by isolating (quantifying) the change in usage beyond normal weather patterns.

Weather normalization is performed at the sector level but only on the Residential and Commercial sector sales. Industrial Sectors sales are deemed not significantly sensitive to weather patterns. Thus, AE's weather normalized sales is expressed mathematically, as follows:

$$WN\_Sales_{y,m} = WN\_ResSales_{y,m} + WN\_ComSales_{y,m} + IndSectorSales_{y,m}$$

where:

$WN\_Sales_{y,m}$ - AE's Weather Normalized Revenue Month Sales in year y, month m

$WN\_ResSales_{y,m}$ - Weather Normalized Residential Sector Revenue Month Sales in year y, month m estimated from the Residential Sector Model Normal Weather Simulation

$WN\_ComSales_{y,m}$ - Weather Normalized Commercial Sector Calendar Month Sales in year y, month m estimated from the Commercial Sector Model Normal Weather Simulation

$IndSectorSales_{y,m}$ - Actual Industrial Sector Sales Revenue Month Sales in year y, month m

Weather normalization estimation utilizes the same models as the revenue month sales SAE forecast models and thus leverage on the existing modeling and weather CDD/HDD calculation infrastructure. At a high level, the Residential and Commercial Weather Normalized Sales are calculated by applying a "weather adjustment" on the energy sales based on a revenue month prevailing weather conditions. On the Residential Sector Sales, the weather adjustment is calculated on an average customer consumption basis. However, on the Commercial Sector Sales, the weather adjustment is estimated at the sector level.

The weather adjustment is defined by calculating the difference (delta) in the model predicted revenue month energy usage estimates between historical (actual) weather CDD/HDD conditions and normal (average) weather scenario. Thus, other than gathering and loading previous month residential customer count and sales for each billing rates into MetrixND data tables, the more complex part of the process lies on the calculation of actual billing cycle weighted CDD/HDD values and the weather normal scenario simulation. However, these two processes are handled by the MetrixLT 4.x and MetrixND 4.x software environments.

For FY07, the main module of the Weather Normalization Process is implemented in a separate MetrixND 4.x project file. The evaluation of AE's weather normalized sales is handled by SalesGWH_WN transform under MonthlyFcst_WN transform table object (See Figure 106). References to both Actual and Normal Billing Cycle Weighted CDD/HDD values are also included in this transform table.

The revenue month actual Billing Cycle Weighted CDD/HDD is arguably the most critical parameter in the weather normalizing Residential and Commercial Sector Sales.

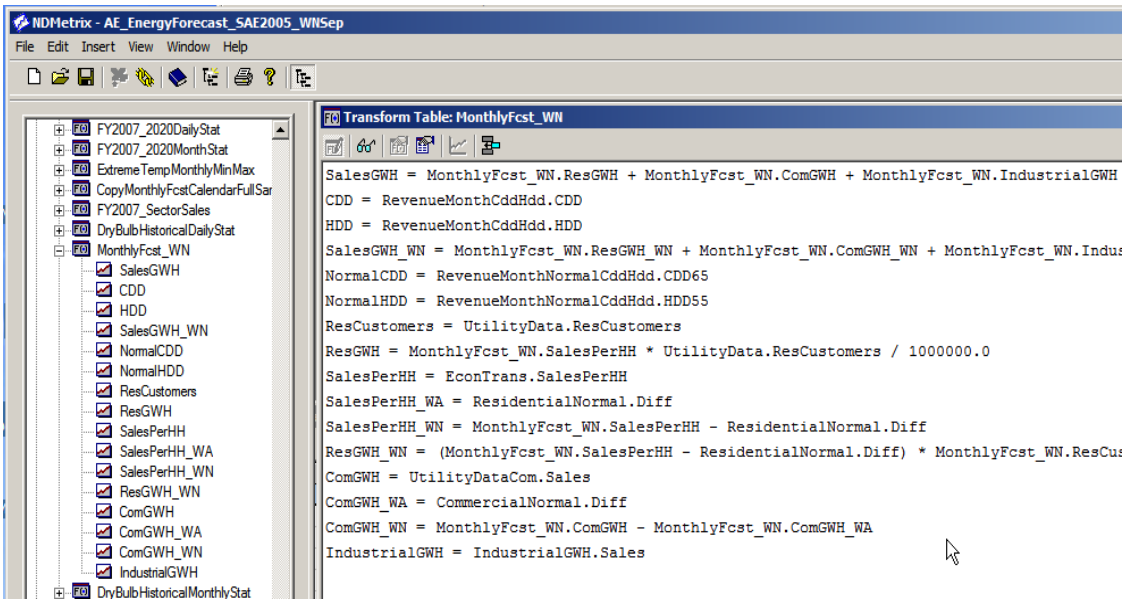


Figure 106a – MetrixND 4.x MonthlyFcst_WN Transform Table Object – Design View Panel

Transform Table: MonthlyFcst_WN

	A	B	H	I	J	K	L	M	N	O	P	Q
1	Year	Month	NormalHDD	ResCustomers	ResGWH	SalesPerHH	SalesPerHH_WA	SalesPerHH_WN	ResGWH_WN	ComGWH	ComGWH_WA	ComGWH_WN
79	2006	3	42	334,233	251.30	752				440.98	15.20	425.78
80	2006	4	7	334,966	255.55	763				453.07	21.80	431.27
81	2006	5	0	336,340	297.74	885				468.44	3.90	464.54
82	2006	6	0	338,889	395.54	1,167				531.77	2.71	529.06
83	2006	7	0	338,876	456.47	1,347				562.10	0.84	561.26
84	2006	8	0	340,239	489.48	1,439				564.22	8.20	556.02
85	2006	9	0	340,239	482.03	1,417				579.94	6.24	573.69
86	2006	10	0	338,798	357.91	1,056	81.13	975	330.42	512.41	13.78	498.62
87	2006	11	23	337,789	244.89	725	0.81	724	244.62	443.29	3.53	439.76
88	2006	12	86	337,941	260.85	772	79.80	692	233.88	456.59	10.78	445.81
89	2007	1	131	339,549	307.53	906	87.02	819	277.98	461.12	5.64	455.48
90	2007	2	159	339,671	306.56	903	126.51	776	263.59	439.12	5.37	433.74
91	2007	3	41	341,597	248.34	727	77.73	649	221.79	439.34	6.78	432.55
92	2007	4	8	341,980	230.28	673	41.41	632	216.12	450.50	4.17	446.33
93	2007	5	0	344,103	261.54	760	-67.66	828	284.82	454.58	-12.97	467.55
94	2007	6	0	346,330	356.69	1,030	-93.55	1,123	389.08	511.11	-16.04	527.15
95	2007	7	0	345,231	399.42	1,157	-149.91	1,307	451.18	515.44	-25.81	541.25
96	2007	8	0	345,809	431.21	1,247	-116.25	1,363	471.41	546.90	-20.04	566.94
97	2007	9	0	345,809	451.70	1,306	-58.50	1,365	471.93	566.29	-10.08	576.38
98												
99												

Data | DStat | Corr

Figure 106b – MetrixND 4.x MonthlyFcst_WN Transform Table Object – Data View Panel

Since it is pre-requisite to recalibrating both Residential and Commercial SAE models, it is covered first in Section 4.11.1.

The high level implementation details of weather normalizing Residential Sector and Commercial Sector Sales are covered in Section 4.11.2 and Section 4.11.3, respectively.

4.11.1 Actual Billing Cycle Weighted CDD/HDD Calculation

The calculation of *Actual Billing Cycle Weighted CDD/HDD* calculation is implemented in the MetrixLT 4.x software environment utilizing the same modeling infrastructure employed in the *Historical and Normal Billing Cycle Weighted CDD/HDD* calculation (See Section 3.5). The actual daily temperature profiles for the previous month (taken at Camp Mabry station) are loaded in DryBulbCurrentPlusNormal data table (See Figure 106). A Monthly Cycle Transform object (MonthlyCycleCurrentPlusNormal) is then setup as shown in Figure 107a. The daily average dry bulb temperature is configured to DryBulbCurrentPlusNormal.AvgTemp data variable. The remaining parameters are configured identically as defined in Section 3.5. The most current *Billing Cycle Weighted CDD/HDD* from the object's Data View panel as shown in Figure 107b is then used to update the RevenueMonthCddHdd Data Table object (See Figure 108) which is then referenced by both the Residential and Commercial Sector SAE Models.

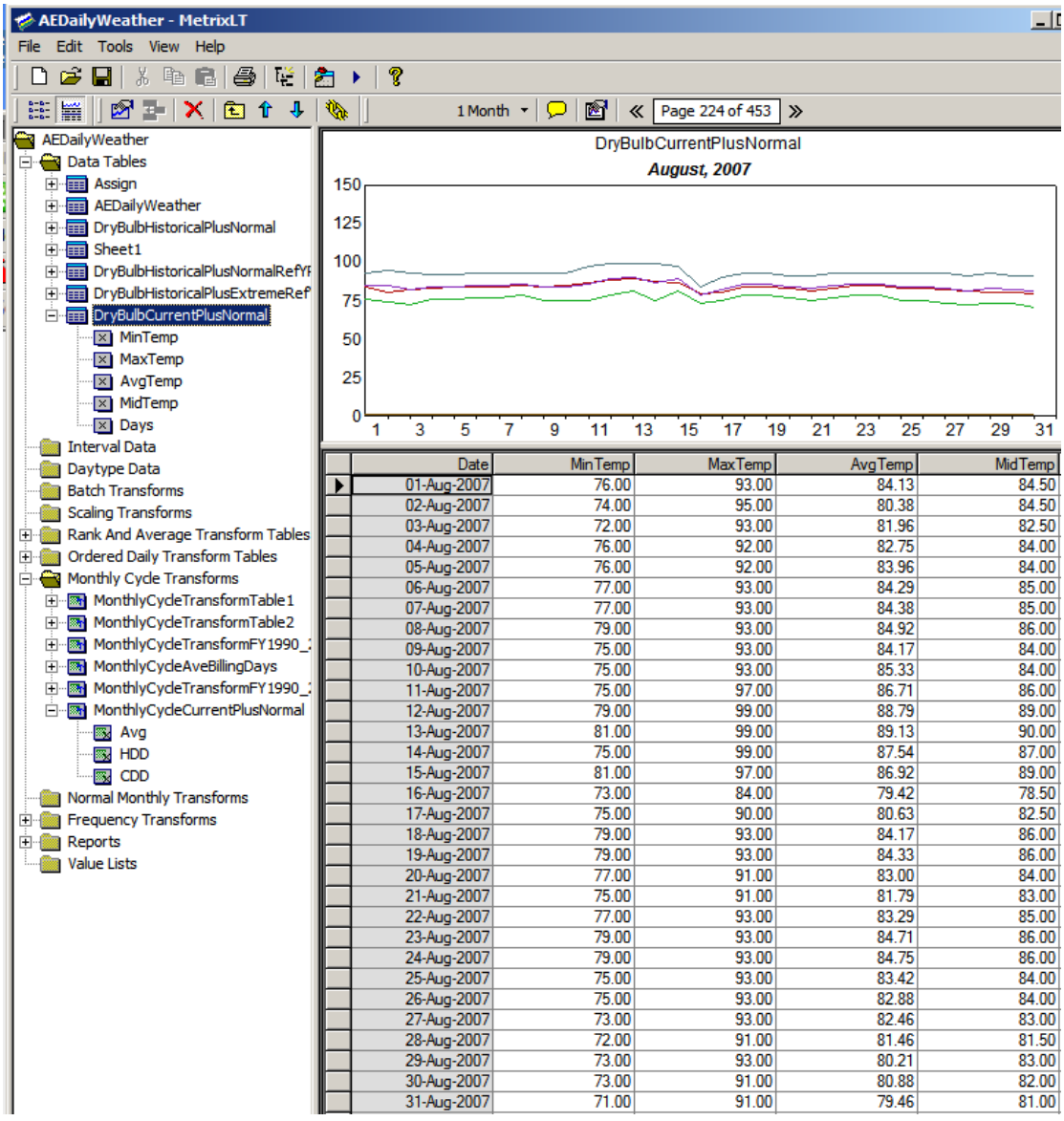


Figure 107 – MetrixLT 4.x DryBulbCurrentPlusNormal Data Table Object – Data View Panel

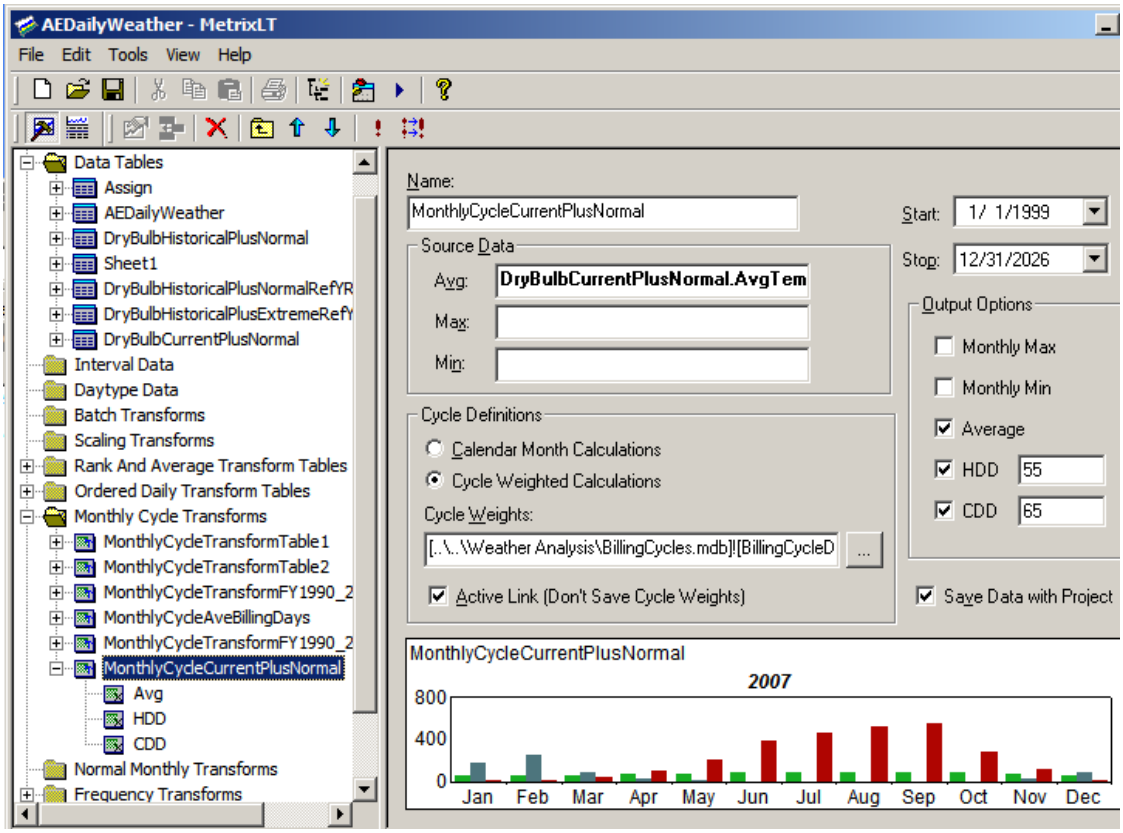
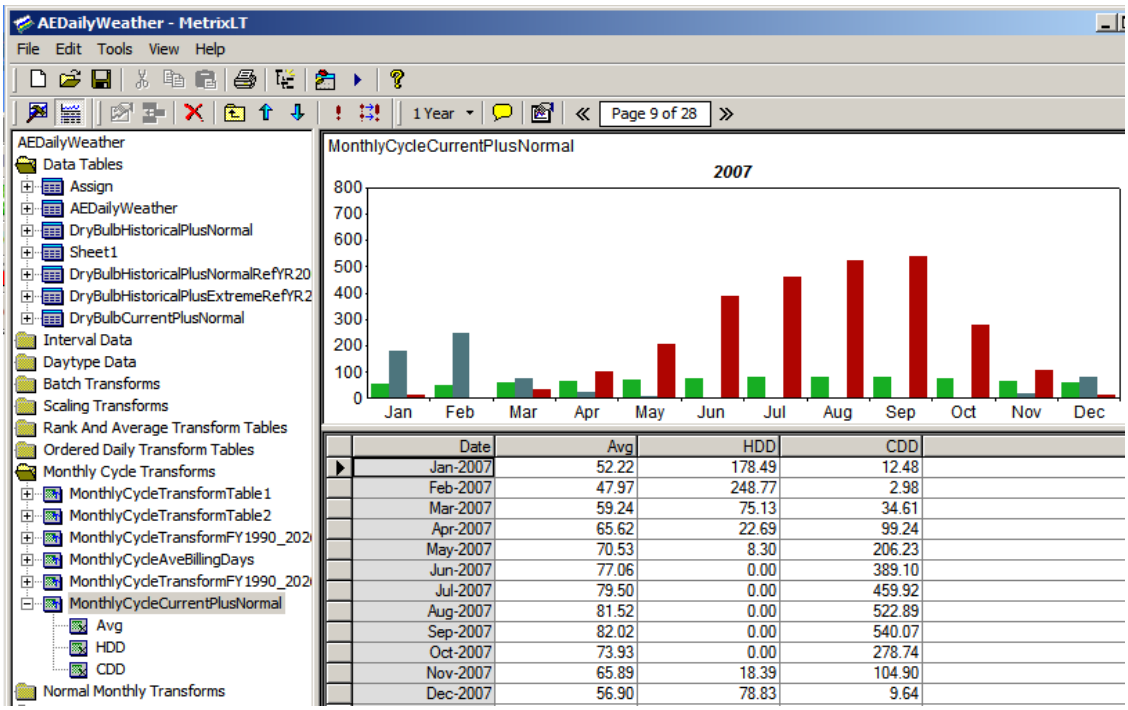
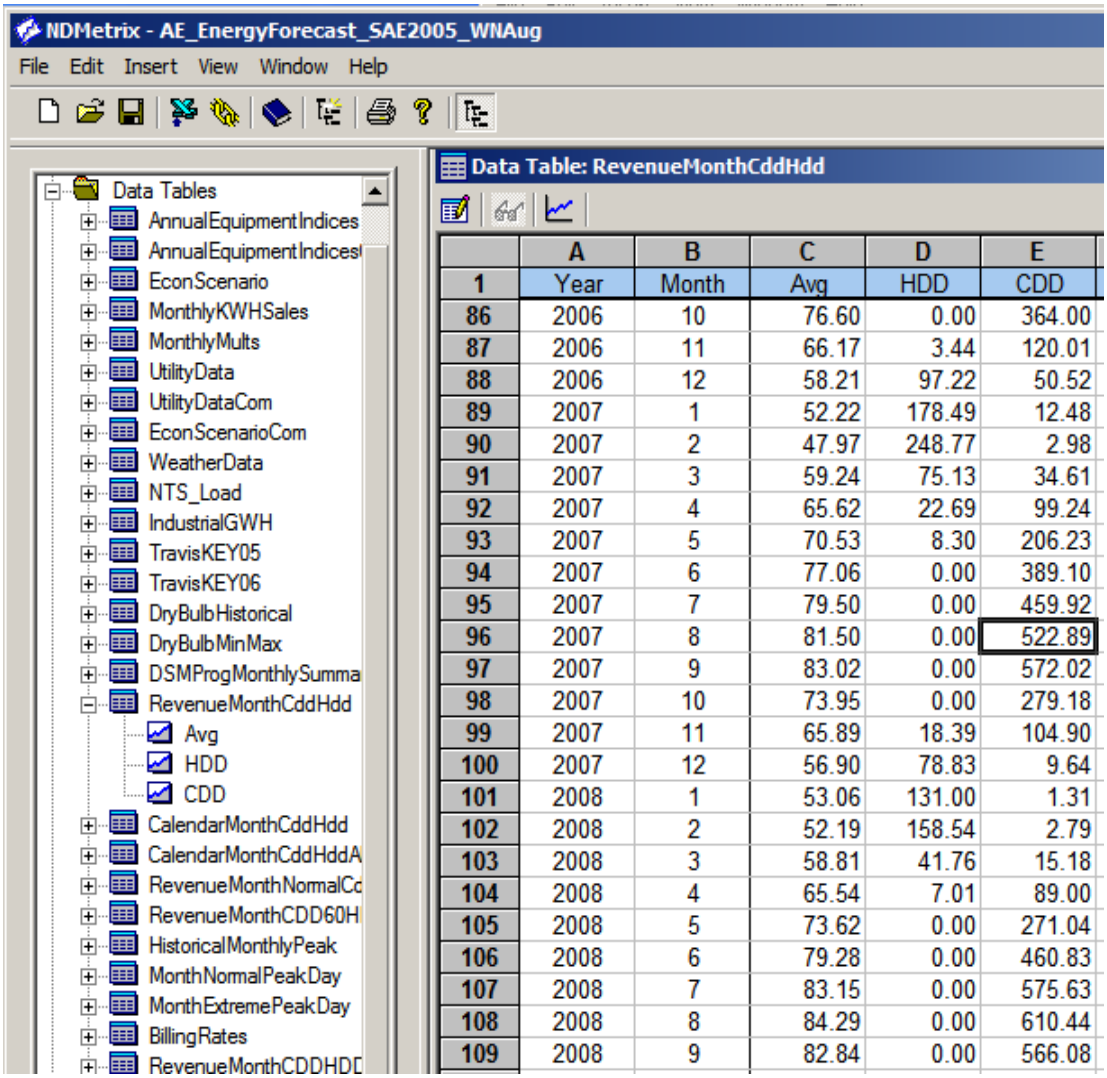


Figure 108a – MetrixLT 4.x MonthlyCycleCurrentPlusNormal Monthly Cycle Transform Object – Design View Panel



Date	Avg	HDD	CDD
Jan-2007	52.22	178.49	12.48
Feb-2007	47.97	248.77	2.98
Mar-2007	59.24	75.13	34.61
Apr-2007	65.62	22.69	99.24
May-2007	70.53	8.30	206.23
Jun-2007	77.06	0.00	389.10
Jul-2007	79.50	0.00	459.92
Aug-2007	81.52	0.00	522.89
Sep-2007	82.02	0.00	540.07
Oct-2007	73.93	0.00	278.74
Nov-2007	65.89	18.39	104.90
Dec-2007	56.90	78.83	9.64

Figure 108b – MetrixLT 4.x MonthlyCycleCurrentPlusNormal Monthly Cycle Transform Object – Data View Panel



	A	B	C	D	E
1	Year	Month	Avg	HDD	CDD
86	2006	10	76.60	0.00	364.00
87	2006	11	66.17	3.44	120.01
88	2006	12	58.21	97.22	50.52
89	2007	1	52.22	178.49	12.48
90	2007	2	47.97	248.77	2.98
91	2007	3	59.24	75.13	34.61
92	2007	4	65.62	22.69	99.24
93	2007	5	70.53	8.30	206.23
94	2007	6	77.06	0.00	389.10
95	2007	7	79.50	0.00	459.92
96	2007	8	81.50	0.00	522.89
97	2007	9	83.02	0.00	572.02
98	2007	10	73.95	0.00	279.18
99	2007	11	65.89	18.39	104.90
100	2007	12	56.90	78.83	9.64
101	2008	1	53.06	131.00	1.31
102	2008	2	52.19	158.54	2.79
103	2008	3	58.81	41.76	15.18
104	2008	4	65.54	7.01	89.00
105	2008	5	73.62	0.00	271.04
106	2008	6	79.28	0.00	460.83
107	2008	7	83.15	0.00	575.63
108	2008	8	84.29	0.00	610.44
109	2008	9	82.84	0.00	566.08

Figure 109 – MetrixND 4.x RevenueMonthCddHdd Data Table Object – Data View Panel

4.11.2 Residential Sector Sales Normalization

To reiterate, the monthly forecast of Residential Sector Energy Sales is calculated by multiplying the average residential consumption (modeled by the Residential SAE Model) by the number of forecasted customer accounts. Thus, the weather normalized Residential Sector Energy Sales in year y and month m may be expressed as follows:

$$WN\_ResSales_{y,m} = Customer\ Count_{y,m} \times WN\_AveResSales_{y,m}$$

where:

$WN\_ResSales_{y,m}$ - Weather Normalized Residential Sector Sales in year y, month m

$Customer\ Count_{y,m}$ - Actual Residential Customer Count in year y, month m represented by the number of residential bills with non-zero kWH billings.

$WN\_AveResSales_{y,m}$ - Weather Normalized Average Residential Customer Consumption in forecast year y, month m derived from the Residential SAE Model

The Weather Normalized Average Residential Customer Consumption is calculated by adding a weather adjustment to the Average Residential Customer Consumption. In equation form,

$$WN\_AveResSales_{y,m} = AveCustomerSales_{y,m} - WeatherAdjusment_{y,m}$$

where:

$AveCustomerSales_{y,m}$ - Average Residential Customer Consumption in year y, month m derived by dividing Actual Residential Sector Sales by the residential customers count

$WeatherAdjustment_{y,m}$ - Weather Adjustment in Average Residential Customer in year y, month m due to deviation from normal weather pattern.

The Weather Adjustment is derived from the Residential SAE Model (See Figure 110) by evaluating the difference in model predicted values between using Actual CDD/HDD and Normal CDD/HDD independent variables. Obviously, the Weather Adjustment is a negative value if actual revenue month weather patterns fall below normal and effectively added to the average customer sales. On the other hand, the Weather Adjustment is a positive value if weather patterns fall above normal.

At a high level, the average residential customer weather adjustment calculation is a two step process:

- Update the Residential SAE Model with the most current Sales, Customer Count, and CDD/HDD variables
- Perform Normal Weather Simulation

The update of the Residential SAE Model starts by editing the Residential SAE Model UtilityData worksheet (See Figure 111) with the most recent actual data on residential sector energy sales and residential customer count. Model updates are then brought into the MetrixND environment by reloading UtilityData Data Table object. New Residential SAE Model estimates which predict average residential customer consumption using the most recent actual data are automatically triggered.

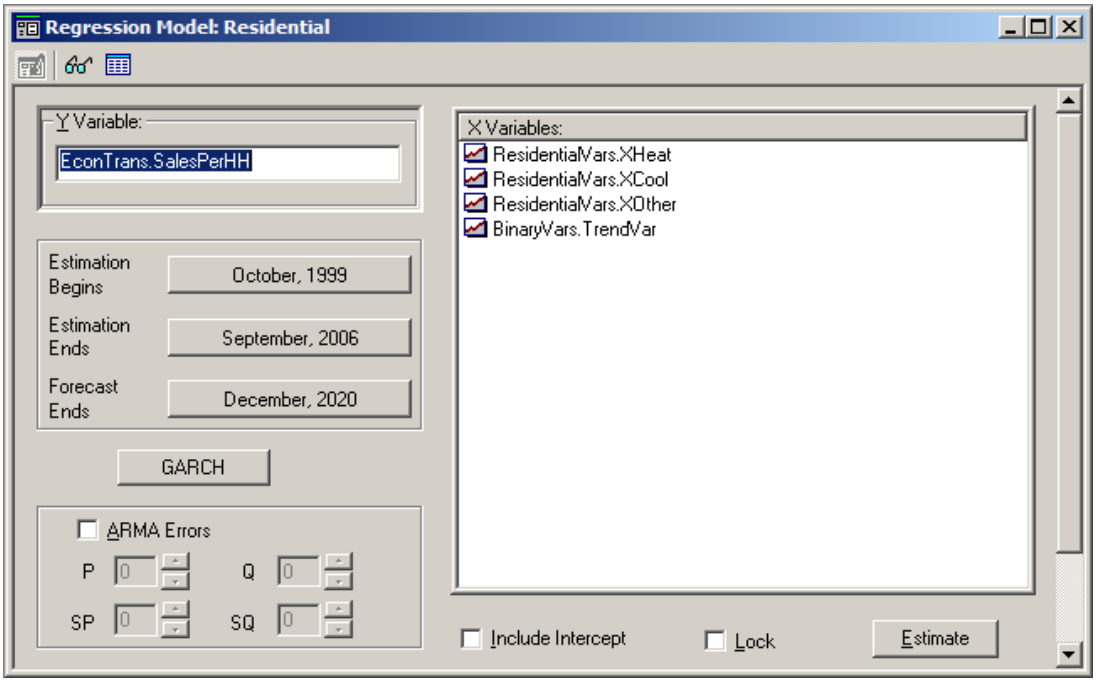


Figure 110 – MetrixND 4.x Residential Regression Model Object – Data View Panel

AE_Residential2005

	A	B	C	D	E	F	G	H
1	Year	Month	Sales	ElecPrice	BillingDays	Population	Households	ResCustomers
71	2005	7	473.469	9.60	32.41	887.9	358.44	331,454
72	2005	8	445.175	9.52	31.35	887.9	358.44	332,479
73	2005	9	472.907	9.58	32.18	887.9	358.44	332,479
74	2005	10	402.400	9.42	30.57	887.9	358.44	332,339
75	2005	11	242.613	8.16	30.15	887.9	358.44	331,245
76	2005	12	270.300	8.21	32.17	887.9	366.35	331,023
77	2006	1	263.328	9.04	32.67	906.7	366.35	332,051
78	2006	2	219.851	8.99	29.73	906.7	366.35	332,285
79	2006	3	251.296	9.00	32.01	906.7	366.35	334,233
80	2006	4	255.546	8.98	31.67	906.7	366.35	334,966
81	2006	5	297.737	9.91	30.38	906.7	366.35	336,340
82	2006	6	395.544	10.19	32.20	906.7	366.35	338,889
83	2006	7	456.466	10.33	32.72	906.7	366.35	338,876
84	2006	8	489.481	10.37	30.46	906.7	366.35	340,239
85	2006	9	482.025	10.37	31.58	906.7	366.35	340,239
86	2006	10	357.910	10.07	30.81	906.7	366.35	338,798
87	2006	11	244.890	8.16	31.38	906.7	366.35	337,789
88	2006	12	260.850	8.21	32.15	906.7	366.35	337,941
89	2007	1	307.530	9.04	32.25	923.1	374.39	339,549
90	2007	2	306.560	8.99	30.07	923.1	374.39	339,671
91	2007	3	248.340	9.00	31.24	923.1	374.39	341,597
92	2007	4	230.280	8.98	30.98	923.1	374.39	341,980
93	2007	5	261.540	9.91	31.18	923.1	374.39	344,103
94	2007	6	356.685	10.19	32.27	923.1	374.39	346,330
95	2007	7	399.423	10.33	31.72	923.1	374.39	345,231
96	2007	8	431.212	10.37	31.64	923.1	374.39	351,764
97	2007	9		10.37	31.74	923.1	374.39	343,774
99	2007	10		10.07	29.24	923.1	374.39	341,953
100	2007	11		8.16	30.04	923.1	374.39	341,158

Definitions | UtilityData | AnnualIndices | ShareUEC | Shares | Efficiencies | StructuralVars

Figure 111 – Residential SAE Model UtilityData Worksheet

A Normal Weather Simulation is automatically performed by the ResidentialNormal Simulation Object (See Figure 112) during any update of the Residential SAE Model. For the FY07 weather normalization studies, a quick graph comparison of Actual Weather (Predicted) and Normal Weather (Simulated) Average Residential KWhConsumption is conveniently generated by this object as shown in Figure 112b.

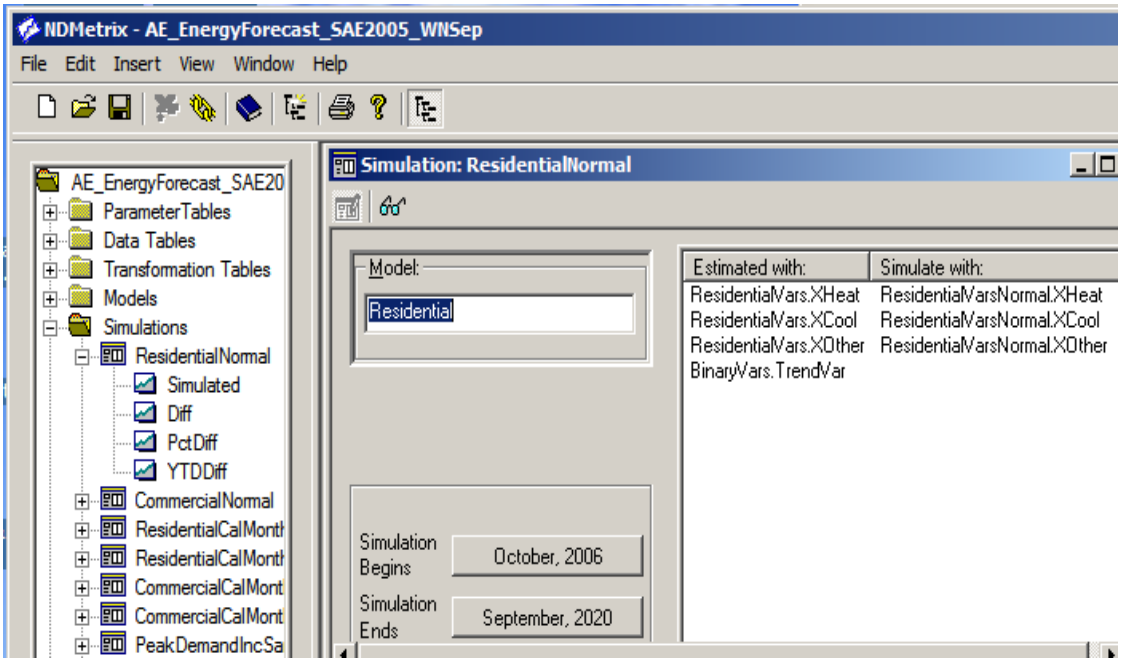


Figure 112a – MetrixND 4.x ResidentialNormal Simulation Object – Design View Panel

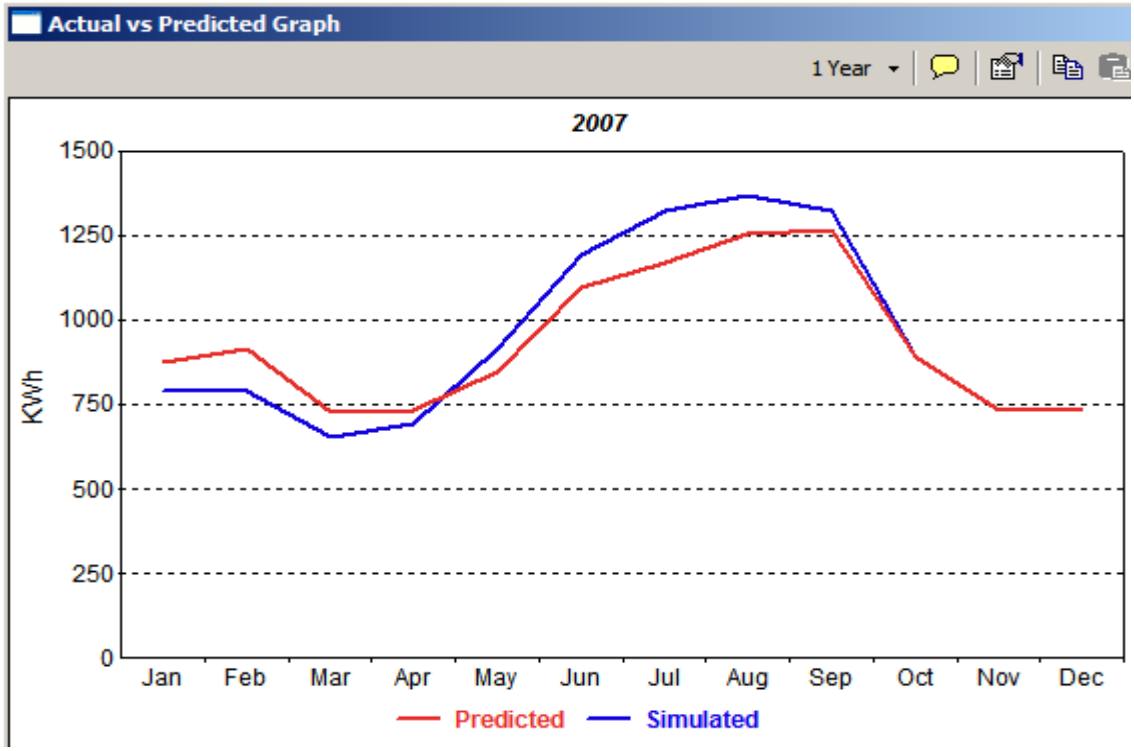


Figure 112b – MetrixND 4.x ResidentialNormal Simulation Object – Quick Graph View Panel

The calculation of $WeatherAdjustment_{y,m}$ is conveniently handled in ResidentialNormal Simulation Object by its “Diff” data member. In the MonthlyFcst_WN transform table object (See Figure 106), the weather adjustment is evaluated by **SalesPerHH_WA** transform which references **ResidentialNormal.Diff**.

Finally, the evaluation of Residential Sector normalized sales is handled by ResGWH_WN transform.

4.11.3 Commercial Sector Sales Normalization

The Weather Normalized Commercial Sector Sales is estimated by adding a weather adjustment to the Actual Commercial Sector Energy Sales. In equation form,

$$WN\_ComSales_{y,m} = ActualComSales_{y,m} - WeatherAdjusment_{y,m}$$

where:

$WN\_ComSales_{y,m}$ - Weather Normalized Commercial Sector Sales in year y, month m

$ActualComSales_{y,m}$ - Actual Commercial Sector Sales in year y, month m

$WeatherAdjustment_{y,m}$ - Weather Adjustment to Commercial Sector Sales in year y, month m due to deviation from normal weather pattern.

The Weather Adjustment is derived from the Commercial SAE Model (See Figure 113) by evaluating the difference in model predicted values between using Actual CDD/HDD and Normal CDD/HDD independent variables. The Weather Adjustment is a negative value if actual revenue month weather patterns fall below normal and a positive value if weather patterns fall above normal.

At a high level, the commercial sector weather adjustment calculation is a two step process:

- Update the Commercial SAE Model with the most current Sales, and CDD/HDD variables
- Perform Normal Weather Simulation

The update of the Commercial Sector Model starts by editing the Commercial SAE Model UtilityData worksheet (See Figure 114) with the most recent actual data on commercial sector energy sales. Model updates are then brought into the MetrixND environment by reloading UtilityData Data Table object. New Commercial SAE Model estimates on Commercial Sector Sales based on the most recent actual CDD/HDD data are automatically triggered.

The Normal Weather Simulation is automatically invoked by the CommercialNormal Simulation Object (See Figure 115) triggered by any update of the Commercial SAE Model. For the FY07 weather normalization studies, a quick graph comparison of Actual Weather (Predicted) and Normal Weather (Simulated) Commercial Sector Sales is conveniently generated by this object as shown in Figure 115b.

The calculation of the commericial sector $WeatherAdjustment_{y,m}$ is conveniently handled in CommercialNormal Simulation Object by its “Diff” data member. In the MonthlyFcst_WN transform table object (See Figure 106), the weather adjustment is evaluated by **ComGWH_WA** transform which references **CommercialNormal.Diff** data member.

Finally, the evaluation of Commercial Sector normalized sales is handled by **ComGWH_WN** transform.

The calculation of Commercial Sector normalized sales is handled by **ComGWH_WN** transform under **MonthlyFcst_WN** transform table object (See Figure 106).

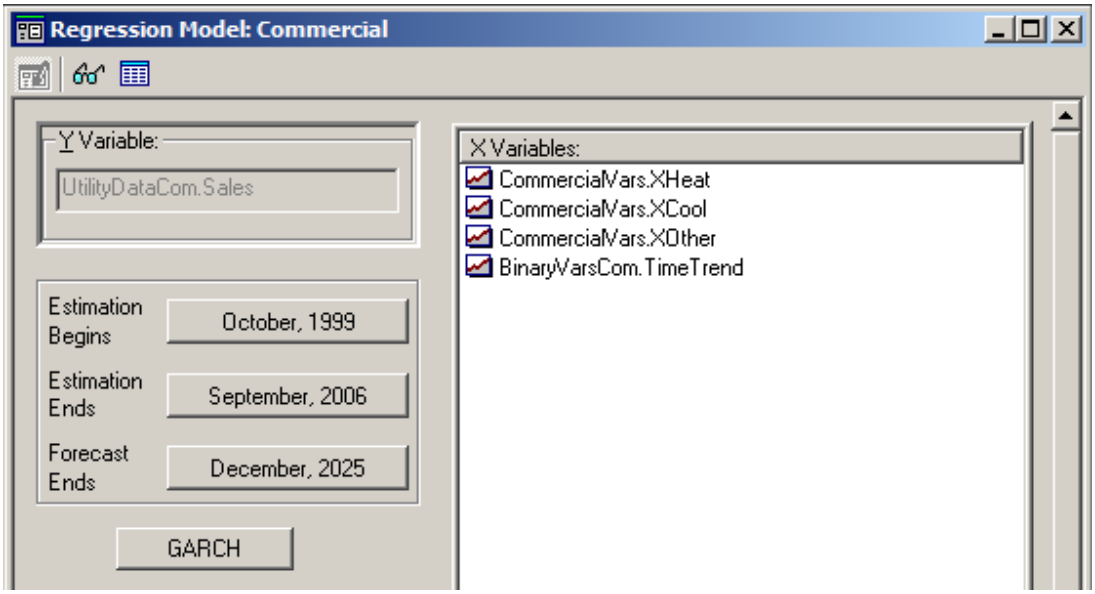


Figure 113 – MetrixND 4.x Commercial Regression Model Object – Design View Panel

AE_Commercial2005

	A	B	C	D	E	F	G
1	Year	Month	Sales	ElecPrice	BillingDays	NonAgEmp	
76	2005	12	453.376	7.53	32.17	526.3	
77	2006	1	426.902	7.67	32.67	541.8	
78	2006	2	397.198	7.88	29.73	541.8	
79	2006	3	440.979	7.64	32.01	541.8	
80	2006	4	453.068	7.71	31.67	541.8	
81	2006	5	468.441	8.35	30.38	541.8	
82	2006	6	531.770	7.96	32.20	541.8	
83	2006	7	562.104	7.80	32.72	541.8	
84	2006	8	564.222	7.91	30.46	541.8	
85	2006	9	579.937	7.81	31.58	541.8	
86	2006	10	512.408	8.04	30.81	541.8	
87	2006	11	443.289	7.49	31.38	541.8	
88	2006	12	456.587	7.53	32.15	541.8	
89	2007	1	461.121	7.67	32.25	551.9	
90	2007	2	439.115	7.88	30.07	551.9	
91	2007	3	439.338	7.64	31.24	551.9	
92	2007	4	450.499	7.71	30.98	551.9	
93	2007	5	454.582	8.35	31.18	551.9	
94	2007	6	511.114	7.96	32.27	551.9	
95	2007	7	515.435	7.80	31.72	551.9	
96	2007	8	546.902	7.91	31.64	551.9	
97	2007	9		7.81	31.74	551.9	
98	2007	10		8.04	29.24	551.9	
99	2007	11		7.49	30.04	551.9	
100	2007	12		7.53	32.48	551.9	

Definitions | UtilityData | AnnualIndices | ShareEFF | EqpEfficiency | Shares | EIAData

Figure 114 – Commercial SAE Model UtilityData Worksheet

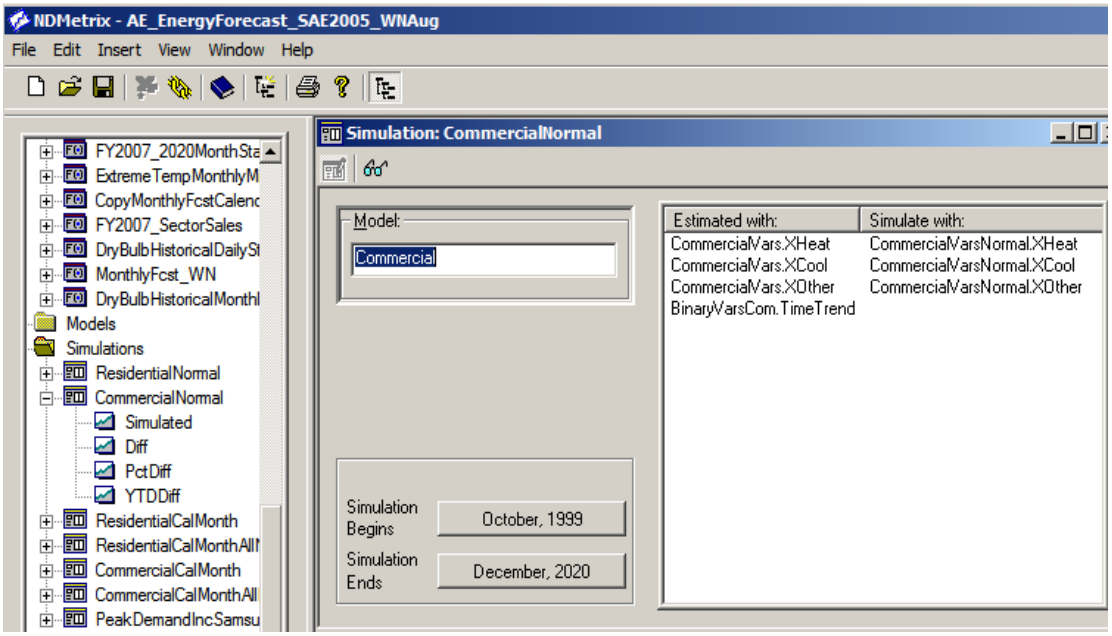


Figure 115a – MetrixND 4.x CommercialNormal Simulation Object – Design View Panel

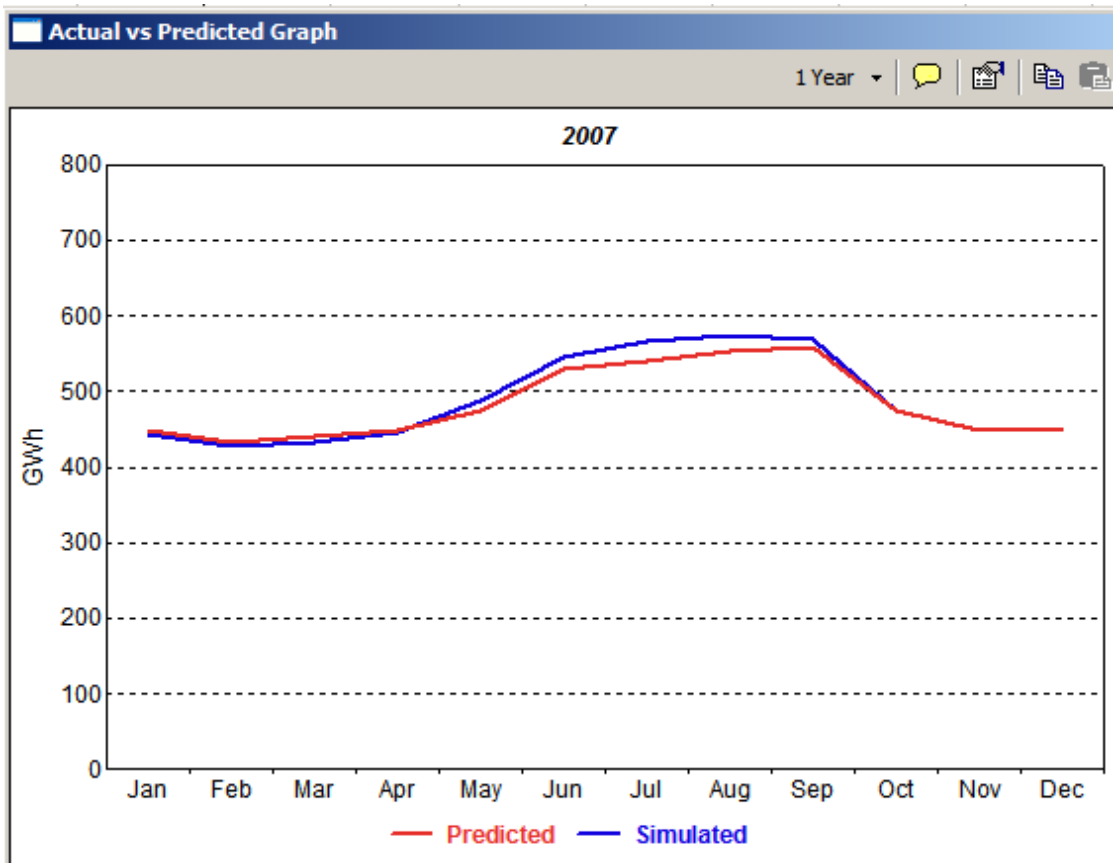


Figure 115b – MetrixND 4.x CommercialNormal Simulation Object – Quick Graph View Panel

Statistically Adjusted End-Use Model

The traditional approach to forecasting monthly sales for a customer class is to develop an econometric model that relates monthly sales to weather, seasonal variables, and economic conditions. From a forecasting perspective, the strength of econometric models is that they are well suited to identifying historical trends and to projecting these trends into the future. In contrast, the strength of the end-use modeling approach is the ability to identify the end-use factors that are driving energy use. By incorporating end-use structure into an econometric model, the statistically adjusted end-use (SAE) modeling framework exploits the strengths of both approaches.

There are several advantages to this approach.

- The equipment efficiency trends and saturations, and dwelling square footage and thermal integrity changes embodied in the long-run end-use forecasts are introduced explicitly into the short-term monthly sales forecast. This provides a strong bridge between the two forecasts.
- By explicitly introducing trends in equipment saturations, equipment efficiency, dwelling square footage, and thermal integrity levels, it is easier to explain changes in usage levels and changes in weather-sensitivity over time.
- Data for short-term models are often not sufficiently robust to support estimation of a full set of price, economic, and demographic effects. By bundling these factors with equipment-oriented drivers, a rich set of elasticities can be built into the final model.

This document describes this approach, the associated supporting SAE spreadsheets, and *MetrixND* project files that are used in the implementation. The source for the majority of the SAE spreadsheets is the 2004 Annual Energy Outlook (AEO) database provided by the Energy Information Administration (EIA). The stock and energy data for heat pumps, water heaters, and clothes washer are taken from the 2003 AEO database due to some problems associated with these data in the 2004 AEO database.

1.1 Statistically Adjusted End-Use Modeling Framework

The statistically adjusted end-use modeling framework begins by defining energy use ($USE_{y,m}$) in year (y) and month (m) as the sum of energy used by heating equipment ($Heat_{y,m}$), cooling equipment ($Cool_{y,m}$), and other equipment ($Other_{y,m}$). Formally,

$$USE_{y,m} = Heat_{y,m} + Cool_{y,m} + Other_{y,m} \quad (1)$$

Although monthly sales are measured for individual customers, the end-use components are not. Substituting estimates for the end-use elements gives the following econometric equation.

$$USE_{m} = a + b_1 \times XHeat_{m} + b_2 \times XCool_{m} + b_3 \times XOther_{m} + \varepsilon_{m} \quad (2)$$

Here, $XHeat_m$, $XCool_m$, and $XOther_m$ are explanatory variables constructed from end-use information, dwelling data, weather data, and market data. As will be shown below, the equations used to construct these X-variables are simplified end-use models, and the X-variables are the estimated usage levels for each of the major end uses based on these models. The estimated model can then be thought of as a statistically adjusted end-use model, where the estimated slopes are the adjustment factors.

Constructing XHeat

As represented in the SAE spreadsheets, energy use by space heating systems depends on the following types of variables.

- Heating degree days,
- Heating equipment saturation levels,
- Heating equipment operating efficiencies,
- Average number of days in the billing cycle for each month,
- Thermal integrity and footage of homes, and
- Average household size, household income, and energy price.

The heating variable is represented as the product of an annual equipment index and a monthly usage multiplier. That is,

$$XHeat_{y,m} = HeatIndex_{y} \times HeatUse_{y,m} \quad (3)$$

where, $XHeat_{y,m}$ is estimated heating energy use in year (y) and month (m),
$HeatIndex_y$ is the annual index of heating equipment, and
$HeatUse_{y,m}$ is the monthly usage multiplier.

The heating equipment index is defined as a weighted average across equipment types of equipment saturation levels normalized by operating efficiency levels. Given a set of fixed weights, the index will change over time with changes in equipment saturations (*Sat*),

operating efficiencies (*Eff*), and building structural index (*StructuralIndex*). Formally, the equipment index is defined as:

$$\text{HeatIndex}_y = \text{StructuralIndex}_y \times \sum_{\text{Type}} \text{Weight}^{\text{Type}} \times \frac{\left(\text{Sat}_y^{\text{Type}} \Big/ \text{Eff}_y^{\text{Type}} \right)}{\left(\text{Sat}_{98}^{\text{Type}} \Big/ \text{Eff}_{98}^{\text{Type}} \right)} \quad (4)$$

The *StructuralIndex* is constructed by combining the EIA's building shell efficiency index trends with surface area estimates, and then it is indexed to the 1998 value:

$$\text{StructuralIndex}_y = \frac{\text{BuildingShellEfficiencyIndex}_y \times \text{SurfaceArea}_y}{\text{BuildingShellEfficiencyIndex}_{98} \times \text{SurfaceArea}_{98}} \quad (5)$$

The *StructuralIndex* is defined on the *StructuralVars* tab of the SAE spreadsheets. Surface area is derived to account for roof and wall area of a standard dwelling based on the regional average square footage data obtained from EIA. The relationship between the square footage and surface area is constructed assuming an aspect ratio of 0.75 and an average of 25% two-story and 75% single-story. Given these assumptions, the approximate linear relationship for surface area is:

$$\text{SurfaceArea}_y = 892 + 1.44 \times \text{Footage}_y \quad (6)$$

In Equation 4, 1998 is used as a base year for normalizing the index. The ratio on the right is equal to 1.0 in 1998. In other years, it will be greater than one if equipment saturation levels are above their 1998 level. This will be counteracted by higher efficiency levels, which will drive the index downward. The weights are defined as follows.

$$\text{Weight}^{\text{Type}} = \frac{\text{Energy}_{98}^{\text{Type}}}{\text{HH}_{98}} \times \text{HeatShare}_{98}^{\text{Type}} \quad (7)$$

In the SAE spreadsheets these weights are referred to as *Intensities* and are defined on the *EIAData* tab. With these weights, the *HeatIndex* value in 1998 will be equal to estimated annual heating intensity per household in that year. Variations from this value in other years will be proportional to saturation and efficiency variations around their base values.

For electric heating equipment, the SAE spreadsheets contain two equipment types: electric resistance furnaces/room units and electric space heating heat pumps. Examples of weights for these two equipment types for the New England division are given in Table 1.

Table 1: Electric Space Heating Equipment Weights for New England Region

Equipment Type	Weight (kWh)
Electric Resistance Furnace/Room units	374
Electric Space Heating Heat Pump	33

The equipment saturation and efficiency trends data are presented on the *Shares* and *Efficiencies* tabs of the SAE spreadsheets. The efficiency for electric space heating heat pumps are given in terms of *Heating Seasonal Performance Factor* [BTU/Wh], and the efficiencies for electric furnaces and room units are estimated as 100%, which is equivalent to 3.41 BTU/Wh.

Heating system usage levels are impacted on a monthly basis by several factors, including weather, household size, income levels, prices, and billing days. Using the REEPS default elasticity parameters, the estimates for space heating equipment usage levels are computed as follows:

$$\text{HeatUse}_{y,m} = \left(\frac{\text{BDays}_{y,m}}{30.5}\right) \times \left(\frac{\text{WgtHDD}_{y,m}}{\text{HDD}_{98}}\right) \times \left(\frac{\text{HHSize}_{y}}{\text{HHSize}_{98}}\right)^{0.25} \times \left(\frac{\text{Income}_{y}}{\text{Income}_{98}}\right)^{0.20} \times \left(\frac{\text{Price}_{y,m}}{\text{Price}_{98}}\right)^{-0.30} \quad (8)$$

where, *BDays* is the number of billing days in year (y) and month (m), these values are normalized by 30.5 which is the average number of billing days,
WgtHDD is the weighted number of heating degree days in year (y) and month (m). This is constructed as the weighted sum of the current month's HDD and the prior month's HDD. The weights are 75% on the current month and 25% on the prior month,
HDD is the annual heating degree days for 1998,
HHSize is average household size in a year (y),
Income is average real income per household in year (y), and
Price is the average real price of electricity in month (m) and year (y).

By construction, the $HeatUse_{y,m}$ variable has an annual sum that is close to one in the base year (1998). The first two terms, which involve billing days and heating degree days, serve to allocate annual values to months of the year. The remaining terms average to one in the base year. In other years, the values will reflect changes in the economic driver changes, as

transformed through the end-use elasticity parameters. For example, if the real price of electricity goes up 10% relative to the base year value, the price term will contribute a multiplier of about 0.97 (computed as 1.10 to the -0.30 power).

Constructing XCool

The explanatory variable for cooling loads is constructed in a similar manner. The amount of energy used by cooling systems depends on the following types of variables.

- Cooling degree days,
- Cooling equipment saturation levels,
- Cooling equipment operating efficiencies,
- Average number of days in the billing cycle for each month,
- Thermal integrity and footage of homes, and
- Average household size, household income, and energy price.

The cooling variable is represented as the product of an equipment-based index and monthly usage multiplier. That is,

$$\mathrm{XCool}_{y,m} = \mathrm{CoolIndex}_{y} \times \mathrm{CoolUse}_{y,m} \tag{9}$$

where, $XCool_{y,m}$ is estimated cooling energy use in year (y) and month (m),
$CoolIndex_y$ is an index of cooling equipment, and
$CoolUse_{y,m}$ is the monthly usage multiplier.

As with heating, the cooling equipment index is defined as a weighted average across equipment types of equipment saturation levels normalized by operating efficiency levels. Formally, the cooling equipment index is defined as:

$$\mathrm{CoolIndex}_{y} = \mathrm{StructuralIndex}_{y} \times \sum_{\mathrm{Type}} \mathrm{Weight}^{\mathrm{Type}} \times \frac{\left(\mathrm{Sat}_{y}^{\mathrm{Type}} \Big/ \mathrm{Eff}_{y}^{\mathrm{Type}} \right)}{\left(\mathrm{Sat}_{98}^{\mathrm{Type}} \Big/ \mathrm{Eff}_{98}^{\mathrm{Type}} \right)} \tag{10}$$

Data values in 1998 are used as a base year for normalizing the index, and the ratio on the right is equal to 1.0 in 1998. In other years, it will be greater than one if equipment saturation levels are above their 1998 level. This will be counteracted by higher efficiency levels, which will drive the index downward. The weights are defined as follows.

$$\text{Weight}^{\text{Type}} = \frac{\text{Energy}_{98}^{\text{Type}}}{\text{HH}_{98}} \times \text{CoolShare}_{98}^{\text{Type}} \quad (11)$$

In the SAE spreadsheets these weights are referred to as *Intensities* and are defined on the *EIAData* tab. With these weights, the *CoolIndex* value in 1998 will be equal to estimated annual cooling intensity per household in that year. Variations from this value in other years will be proportional to saturation and efficiency variations around their base values.

For cooling equipment, the SAE spreadsheets contain three equipment types: central air conditioning, space cooling heat pump, and room air conditioning. Examples of weights for these three equipment types for New England are given in Table 2.

Table 2: Space Cooling Equipment Weights for New England Region

Equipment Type	Weight (kWh)
Central Air Conditioning	214
Space Cooling Heat Pump	5
Room Air Conditioning	222

The equipment saturation and efficiency trends data are presented on the *Shares* and *Efficiencies* tabs of the SAE spreadsheets. The efficiency for space cooling heat pumps and central air conditioning (A/C) units given in terms of *Seasonal Energy Efficiency Ratio* [BTU/Wh], and for room A/C units efficiencies are given in terms of *Energy Efficiency Ratio* [BTU/Wh].

Cooling system usage levels are impacted on a monthly basis by several factors, including weather, household size, income levels, and prices. Using the REEPS default parameters, the estimates of cooling equipment usage levels are computed as follows:

$$\text{CoolUse}_{y,m} = \left(\frac{\text{BDays}_{y,m}}{30.5}\right) \times \left(\frac{\text{WgtCDD}_{y,m}}{\text{CDD}_{98}}\right) \times \left(\frac{\text{HHSize}_{y}}{\text{HHSize}_{98}}\right)^{0.25} \times \left(\frac{\text{Income}_{y}}{\text{Income}_{98}}\right)^{0.20} \times \left(\frac{\text{Price}_{y,m}}{\text{Price}_{98}}\right)^{-0.30} \quad (12)$$

where, *WgtCDD* is the weighted number of cooling degree days in year (y) and month (m). This is constructed as the weighted sum of the current month's CDD and the prior month's CDD. The weights are 75% on the current month and 25% on the prior month, and
CDD is the annual cooling degree days for 1998.

By construction, the *CoolUse* variable has an annual sum that is close to one in the base year (1998). The first two terms, which involve billing days and cooling degree days, serve to allocate annual values to months of the year. The remaining terms average to one in the base year. In other years, the values will change to reflect changes in the economic driver changes.

Constructing XOther

Monthly estimates of non-weather sensitive sales can be derived in a similar fashion to space heating and cooling. Based on end-use concepts, other sales are driven by:

- Appliance and equipment saturation levels,
- Appliance efficiency levels,
- Average number of days in the billing cycle for each month, and
- Average household size, real income, and real prices.

The explanatory variable for other uses is defined as follows:

$$\text{XOther}_{y,m} = \text{OtherEqpIndex}_{y,m} \times \text{OtherUse}_{y,m} \quad (13)$$

The first term on the right hand side of this expression ($OtherEqpIndex_y$) embodies information about appliance saturation and efficiency levels and monthly usage multipliers. The second term (*OtherUse*) captures the impact of changes in price, income, household size, and number of billing-days on appliance utilization.

End-use indices are constructed in the SAE spreadsheets. The end-use indices are combined into an aggregate stock index (*OtherEqpIndex*) in the *MetrixND* project files. The equipment index for water heaters (*EWHeat*) and appliances are given in Equation 14 and 15, respectively.

$$\text{EWHeatIndex}_{y,m} = \text{Weight} \times \frac{\left(\text{Sat}_y / \text{Eff}_y\right)}{\left(\text{Sat}_{98} / \text{Eff}_{98}\right)} \times \text{MoMult}_m \quad (14)$$

$$\text{ApplianceIndex}_{y,m} = \text{Weight}^{\text{Type}} \times \frac{\left(\text{Sat}_{y}^{\text{Type}} \Big/ \frac{1}{\text{UEC}_{y}^{\text{Type}}} \right)}{\left(\text{Sat}_{98}^{\text{Type}} \Big/ \frac{1}{\text{UEC}_{98}^{\text{Type}}} \right)} \times \text{MoMult}_{m}^{\text{Type}} \quad (15)$$

where, *Weight* is the weight for each appliance type,
Sat represents the fraction of households who own an appliance type,
$MoMult_m$ is a monthly multiplier for the appliance type in month (m),
Eff is the average operating efficiency for water heaters, and
UEC is the unit energy consumption for appliances.

The index for other uses is derived by summing the above equations:

$$\text{OtherEqpIndex}_{y,m} = \text{EWHeatIndex}_{y,m} + \text{ApplianceIndex}_{y,m} \quad (16)$$

This index combines information about trends in saturation levels and efficiency levels for the main appliance categories with monthly multipliers for lighting, water heating, and refrigeration. As with heating and cooling, the weights are defined as follows.

$$\text{Weight}^{\text{Type}} = \frac{\text{Energy}_{98}^{\text{Type}}}{\text{HH}_{98}} \times \text{Share}_{98}^{\text{Type}} \quad (17)$$

The appliance saturation and efficiency trends data are presented on the *Shares* and *Efficiencies* tabs of the SAE spreadsheets. The efficiency for electric water heating units are given in terms of *Efficiency Factor* [%]. UEC's are used as a proxy for efficiency change in other appliances and are given in terms of kWh/year.

Further monthly variation is introduced by multiplying by usage factors that cut across all end uses, constructed as follows:

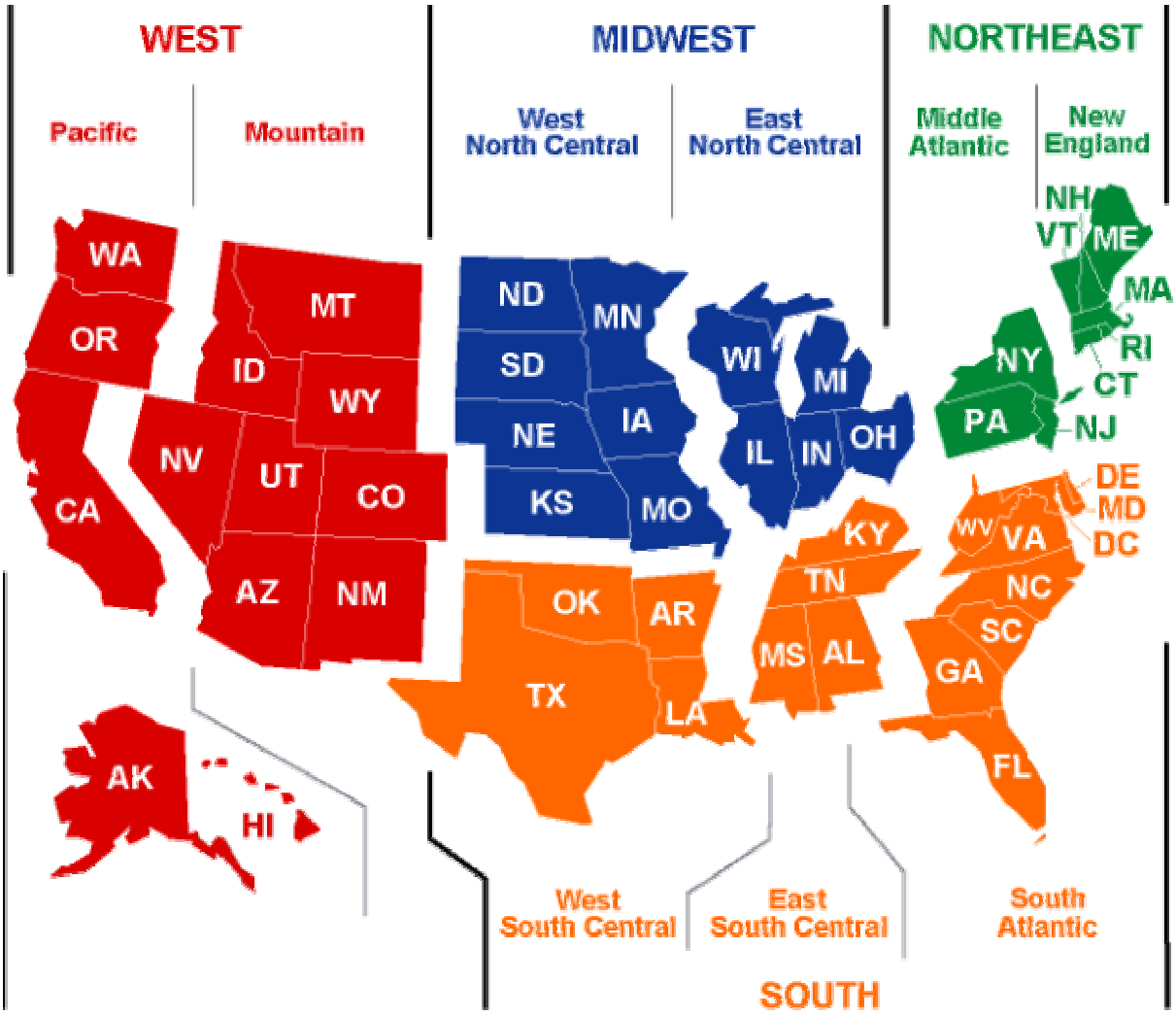
$$\text{OtherUse}_{y,m} = \left(\frac{\text{BDays}_{y,m}}{30.5} \right) \times \left(\frac{\text{HHSize}_{y}}{\text{HHSize}_{98}} \right)^{0.46} \times \left(\frac{\text{Income}_{y}}{\text{Income}_{98}} \right)^{0.10} \times \left(\frac{\text{Price}_{y,m}}{\text{Price}_{98}} \right)^{-0.15} \quad (18)$$

In this expression, the elasticities on income, household size, and real price are computed from the REEPS default values.

1.2 Supporting Spreadsheets and *MetrixND* Project Files

The SAE approach described above has been implemented for each of the nine census divisions. A mapping of states to census divisions is presented in Figure 1. This section describes the contents of each file and a procedure for customizing the files for specific utility data. A total of 18 files are provided. These files are listed in Table 3.

Figure 1. Mapping of States to Census Divisions*



*Map Source: URL: http://www.eia.doe.gov/emeu/reps/maps/us_census.html

Table 3: List of SAE Files

Spreadsheets	*MetrixND* Project Files
NewEngland.xls	SAE_NewEngland.ndm
MiddleAtlantic.xls	SAE_MiddleAtlantic.ndm
EastNorthCentral.xls	SAE_EastNorthCentral.ndm
WestNorthCentral.xls	SAE_WestNorthCentral.ndm
SouthAtlantic.xls	SAE_SouthAltantic.ndm
EastSouthCentral.xls	SAE_EastSouthCentral.ndm
WestSouthCentral.xls	SAE_WestSouthCentral.ndm
Mountain.xls	SAE_Mountain.ndm
Pacific.xls	SAE_Pacific.ndm

As defaults, the SAE spreadsheets include regional data, but utility data can be entered to generate the *Heat*, *Cool*, and *Other* equipment indices used in the SAE approach. The data from these spreadsheets are linked to the *MetrixND* project files. In these project files, the end-use *Usage* variables (Equations 8, 12, and 18 above) are constructed and the SAE model is estimated.

The nine spreadsheets contain the following tabs.

- **Definitions.** This tab contains equipment, end use, worksheet, and census division definitions.
- **UtilityData.** This tab contains the main utility input data, including:
  - -- Residential sales,
  - -- Electricity prices,
  - -- Billing days,
  - -- Population,
  - -- Households,
  - -- Real personal income,
  - -- Heating degree days, and
  - -- Cooling degree days.
- **AnnualIndices.** This tab contains the annual *Heat*, *Cool* and *Other* equipment indices.
- **ShareUEC.** This tab is used for the calculation of the annual equipment indices.
- **Shares.** This tab contains historical and forecasted equipment shares. The default forecasted values are provided by the EIA. The raw EIA projections are provided on the EIAData tab.

- **Efficiencies.** This tab contains historical and forecasted equipment efficiency trends. The forecasted values are based on projections provided by the Energy Information Administration (EIA). The raw EIA projections are provided on the EIAData tab.

- **StructuralVars.** This tab contains historical and forecasted square footage, number of households, building shell efficiency index, and structural variable data. The forecasted values are based on projections provided by the EIA. The raw forecasted data is provided by the EIA.
- **EIAData.** This tab contains the raw forecasted data provided by the EIA. This tab also contains calculations of the base year *Intensity* values used to weight the equipment indices.
- **MonthlyMults.** This tab contains monthly multipliers that are used to spread the annual equipment indices across the months.

The *MetrixND* Project files are linked to the *UtilityData*, *AnnualIndices*, *ShareUEC*, and *MonthlyMults* tabs in the spreadsheets. In this way, utility specific data and the equipment indices are brought into the project file. The *MetrixND* project files contain the following objects.

- **Parameter Table: Elas.** This parameter table includes the values of the elasticities used to calculate the *Usage* variables for each end-use.

- **Data Table: AnnualEquipmentIndices.** This data table is linked to the *AnnualIndices* tab for heating and cooling indices, and *ShareUEC* tab for water heating, lighting, and appliances in the SAE spreadsheet.

- **Data Table: UtilityData.** This data table is linked to the corresponding tab in the SAE spreadsheet.

- **Data Table: MonthlyMults.** This data table is linked to the corresponding tab in the SAE spreadsheet.

- **Transformation Table: EconTrans.** This transformation table is used to compute the average usage, and household size, household income, and price indices used in the usage equations.

- **Transformation Table: WeatherTrans.** This transformation table is used to compute the HDD and CDD indices used in the usage equations.

- **Transformation Table: ResidentialVars.** This transformation table is used to compute the *Heat*, *Cool* and *Other Usage* variables, as well as the *XHeat*, *XCool* and *XOther* variables that are used in the regression model.

- **Transformation Table: BinaryVars.** This transformation table is used to compute the calendar binary variables that could be required in the regression model.

- **Transformation Table: AnnualFcst.** This transformation table is used to compute the annual historical and forecast sales and annual change in sales.

- **Model: ResModel:** This is the Statistically Adjusted End-Use Model.

Steps to Customize the Files for Your Service Territory

The files that are included in this package contain regional data. If you have more accurate data for your service territory, you are encouraged to tailor the spreadsheets with that information. This section describes the steps needed to customize the files.

Minimum Customization

1. Select the spreadsheet and *MetrixND* project file from the appropriate Census Division (Figure 1).
2. Open the spreadsheet and go to the *UtilityData* tab.
3. On the *UtilityData* tab replace all but the last two columns with utility-specific data.
4. Save the spreadsheet and open the *MetrixND* project file.
5. Click on the *Update All Links* button on the *Menu* bar.
6. Review the model results.

Customizing the End-use Share Paths

In addition to the minimum steps listed above, you can install your own share history and forecasts. To do this, go to the *Share* tab in the spreadsheet and paste in the values for your region.

Customizing the End-use Efficiency Paths

Finally, you can override the end-use efficiency paths that are contained on the *Efficiencies* tab of the spreadsheet.

Commercial Statistically Adjusted End-Use Model

The traditional approach to forecasting monthly sales for a customer class is to develop an econometric model that relates monthly sales to weather, seasonal variables, and economic conditions. From a forecasting perspective, the strength of econometric models is that they are well suited to identifying historical trends and to projecting these trends into the future. In contrast, the strength of the end-use modeling approach is the ability to identify the end-use factors that are driving energy use. By incorporating end-use structure into an econometric model, the statistically adjusted end-use (SAE) modeling framework exploits the strengths of both approaches.

There are several advantages to this approach.

- The equipment efficiency trends and saturation changes embodied in the long-run end-use forecasts are introduced explicitly into the short-term monthly sales forecast. This provides a strong bridge between the two forecasts.
- By explicitly introducing trends in equipment saturations and equipment efficiency levels, it is easier to explain changes in usage levels and changes in weather-sensitivity over time.
- Data for short-term models are often not sufficiently robust to support estimation of a full set of price, economic, and demographic effects. By bundling these factors with equipment-oriented drivers, a rich set of elasticities can be built into the final model.

This document describes this approach, the associated supporting Commercial SAE spreadsheets, and *MetrixND* project files that are used in the implementation. The source for the commercial SAE spreadsheets is the 2004 Annual Energy Outlook (AEO) database provided by the Energy Information Administration (EIA).

1.1 Commercial Statistically Adjusted End-Use Model Framework

The commercial statistically adjusted end-use model framework begins by defining energy use ($USE_{y,m}$) in year (y) and month (m) as the sum of energy used by heating equipment ($Heat_{y,m}$), cooling equipment ($Cool_{y,m}$) and other equipment ($Other_{y,m}$). Formally,

$$\mathrm{USE}_{y,m} = \mathrm{Heat}_{y,m} + \mathrm{Cool}_{y,m} + \mathrm{Other}_{y,m} \quad (1)$$

Although monthly sales are measured for individual customers, the end-use components are not. Substituting estimates for the end-use elements gives the following econometric equation.

$$USE_m = a + b_1 \times XHeat_m + b_2 \times XCool_m + b_3 \times XOther_m + \varepsilon_m \quad (2)$$

Here, $XHeat_m$, $XCool_m$, and $XOther_m$ are explanatory variables constructed from end-use information, weather data, and market data. As will be shown below, the equations used to construct these X-variables are simplified end-use models, and the X-variables are the estimated usage levels for each of the major end uses based on these models. The estimated model can then be thought of as a statistically adjusted end-use model, where the estimated slopes are the adjustment factors.

Constructing XHeat

As represented in the Commercial SAE spreadsheets, energy use by space heating systems depends on the following types of variables.

- Heating degree days,
- Heating equipment saturation levels,
- Heating equipment operating efficiencies,
- Average number of days in the billing cycle for each month, and
- Commercial output and energy price.

The heating variable is represented as the product of an annual equipment index and a monthly usage multiplier. That is,

$$XHeat_{y,m} = HeatIndex_y \times HeatUse_{y,m} \quad (3)$$

where, $XHeat_{y,m}$ is estimated heating energy use in year (y) and month (m),
$HeatIndex_y$ is the annual index of heating equipment, and
$HeatUse_{y,m}$ is the monthly usage multiplier.

The heating equipment index is composed of electric space heating equipment saturation levels normalized by operating efficiency levels. The index will change over time with changes in heating equipment saturations (*HeatShare*) and operating efficiencies (*Eff*). Formally, the equipment index is defined as:

$$\text{HeatIndex}_y = \text{HeatSales}_{98} \times \frac{\left(\text{HeatShare}_y \big/ \text{Eff}_y\right)}{\left(\text{HeatShare}_{98} \big/ \text{Eff}_{98}\right)} \tag{4}$$

In this expression, 1998 is used as a base year for normalizing the index. The ratio on the right is equal to 1.0 in 1998. In other years, it will be greater than one if equipment saturation levels are above their 1998 level. This will be counteracted by higher efficiency levels, which will drive the index downward. Base year space heating sales are defined as follows.

$$\text{HeatSales}_{98} = \left(\frac{\text{kWh}}{\text{Sqft}}\right)_{\text{Heating}} \times \left(\frac{\text{CommercialSales}_{98}}{\sum_e \text{kWh} \big/ \text{Sqft}_e}\right) \tag{5}$$

Here, base-year sales for space heating is the product of the average space heating intensity value and the ratio of total commercial sales in the base year over the sum of the end-use intensity values. In the Commercial SAE Spreadsheets, the space heating sales value is defined on the *EIAData* tab. The resulting $HeatIndex_y$ value in 1998 will be equal to the estimated annual heating sales in that year. Variations from this value in other years will be proportional to saturation and efficiency variations around their base values.

Heating system usage levels are impacted on a monthly basis by several factors, including weather, commercial level economic activity, prices and billing days. Using the COMMEND default elasticity parameters, the estimates for space heating equipment usage levels are computed as follows:

$$\text{HeatUse}_{y,m} = \left(\frac{\text{BDays}_{y,m}}{30.5}\right) \times \left(\frac{\text{WgtHDD}_{y,m}}{\text{HDD}_{98}}\right) \times \left(\frac{\text{Output}_y}{\text{Output}_{98}}\right)^{0.20} \times \left(\frac{\text{Price}_{y,m}}{\text{Price}_{98}}\right)^{-0.18} \tag{6}$$

where, *BDays* is the number of billing days in year (y) and month (m), these values are normalized by 30.5 which is the average number of billing days
WgtHDD is the weighted number of heating degree days in year (y) and month (m). This is constructed as the weighted sum of the current month's HDD and the prior month's HDD. The weights are 75% on the current month and 25% on the prior month.
HDD is the annual heating degree days for 1998,
Output is a real commercial output driver in year (y),
Price is the average real price of electricity in month (m) and year (y),

By construction, the $HeatUse_{y,m}$ variable has an annual sum that is close to one in the base year (1998). The first two terms, which involve billing days and heating degree days, serve to allocate annual values to months of the year. The remaining terms average to one in the base year. In other years, the values will reflect changes in commercial output and prices, as transformed through the end-use elasticity parameters. For example, if the real price of electricity goes up 10% relative to the base year value, the price term will contribute a multiplier of about .98 (computed as 1.10 to the -0.18 power).

Constructing XCool

The explanatory variable for cooling loads is constructed in a similar manner. The amount of energy used by cooling systems depends on the following types of variables.

- Cooling degree days,
- Cooling equipment saturation levels,
- Cooling equipment operating efficiencies,
- Average number of days in the billing cycle for each month, and
- Commercial output and energy price.

The cooling variable is represented as the product of an equipment-based index and monthly usage multiplier. That is,

$$\mathrm{XCool}_{y,m} = \mathrm{CoolIndex}_{y} \times \mathrm{CoolUse}_{y,m} \tag{7}$$

where, $XCool_{y,m}$ is estimated cooling energy use in year (y) and month (m),
$CoolIndex_y$ is an index of cooling equipment, and
$CoolUse_{y,m}$ is the monthly usage multiplier.

As with heating, the cooling equipment index depends on equipment saturation levels (*CoolShare*) normalized by operating efficiency levels (*Eff*). Formally, the cooling equipment index is defined as:

$$\mathrm{CoolIndex}_{y} = \mathrm{CoolSales}_{98} \times \frac{\left(\mathrm{CoolShare}_{y} \Big/ \mathrm{Eff}_{y}\right)}{\left(\mathrm{CoolShare}_{98} \Big/ \mathrm{Eff}_{98}\right)} \tag{8}$$

Data values in 1998 are used as a base year for normalizing the index, and the ratio on the right is equal to 1.0 in 1998. In other years, it will be greater than one if equipment saturation levels are above their 1998 level. This will be counteracted by higher efficiency

levels, which will drive the index downward. Estimates of base year cooling sales are defined as follows.

$$CoolSales_{98} = \left(\frac{kWh}{Sqft}\right)_{Cooling} \times \left(\frac{CommercialSales_{98}}{\sum_{e} kWh/Sqft_{e}}\right) \quad (9)$$

Here, base-year sales for space cooling is the product of the average space cooling intensity value and the ratio of total commercial sales in the base year over the sum of the end-use intensity values. In the Commercial SAE Spreadsheets, the space cooling sales value is defined on the *EIAData* tab. The resulting *CoolIndex* value in 1998 will be equal to the estimated annual cooling sales in that year. Variations from this value in other years will be proportional to saturation and efficiency variations around their base values.

Cooling system usage levels are impacted on a monthly basis by several factors, including weather, economic activity levels and prices. Using the COMMEND default parameters, the estimates of cooling equipment usage levels are computed as follows:

$$CoolUse_{y,m} = \left(\frac{BDays_{y,m}}{30.5}\right) \times \left(\frac{WgtCDD_{y,m}}{CDD_{98}}\right) \times \left(\frac{Output_{y}}{Output_{98}}\right)^{0.20} \times \left(\frac{Price_{y,m}}{Price_{98}}\right)^{-0.18} \quad (10)$$

where, *WgtCDD* is the weighted number of cooling degree days in year (y) and month (m). This is constructed as the weighted sum of the current month's CDD and the prior month's CDD. The weights are 75% on the current month and 25% on the prior month., and
CDD is the annual cooling degree days for 1998.

By construction, the *CoolUse* variable has an annual sum that is close to one in the base year (1998). The first two terms, which involve billing days and cooling degree days, serve to allocate annual values to months of the year. The remaining terms average to one in the base year. In other years, the values will change to reflect changes in commercial output and prices.

Constructing XOther

Monthly estimates of non-weather sensitive sales can be derived in a similar fashion to space heating and cooling. Based on end-use concepts, other sales are driven by:

- Equipment saturation levels,

- Equipment efficiency levels,
- Average number of days in the billing cycle for each month, and
- Real commercial output and real prices.

The explanatory variable for other uses is defined as follows:

$$\mathrm{XOther}_{y,m} = \mathrm{OtherIndex}_{y,m} \times \mathrm{OtherUse}_{y,m} \tag{11}$$

The second term on the right hand side of this expression embodies information about equipment saturation levels and efficiency levels. The equipment index for other uses is defined as follows:

$$\mathrm{OtherIndex}_{y,m} = \sum_{\mathrm{Type}} \mathrm{Weight}^{\mathrm{Type}} \times \left(\frac{\mathrm{Share}_{y}^{\mathrm{Type}} \Big/ \mathrm{Eff}_{y}^{\mathrm{Type}}}{\mathrm{Share}_{98}^{\mathrm{Type}} \Big/ \mathrm{Eff}_{98}^{\mathrm{Type}}} \right) \tag{12}$$

where, *Weight* is the weight for each equipment type,
Share represents the fraction of floor stock with an equipment type, and
Eff is the average operating efficiency.

This index combines information about trends in saturation levels and efficiency levels for the main equipment categories. The weights are defined as follows.

$$\mathrm{Weight}_{y} = \left(\frac{\mathrm{kWh}}{\mathrm{Sqft}} \right)_{\mathrm{Type}} \times \left(\frac{\mathrm{CommercialSales}_{98}}{\sum_{e} \mathrm{kWh} \big/ \mathrm{Sqft}_{e}} \right) \tag{13}$$

Further monthly variation is introduced by multiplying by usage factors that cut across all end uses, constructed as follows:

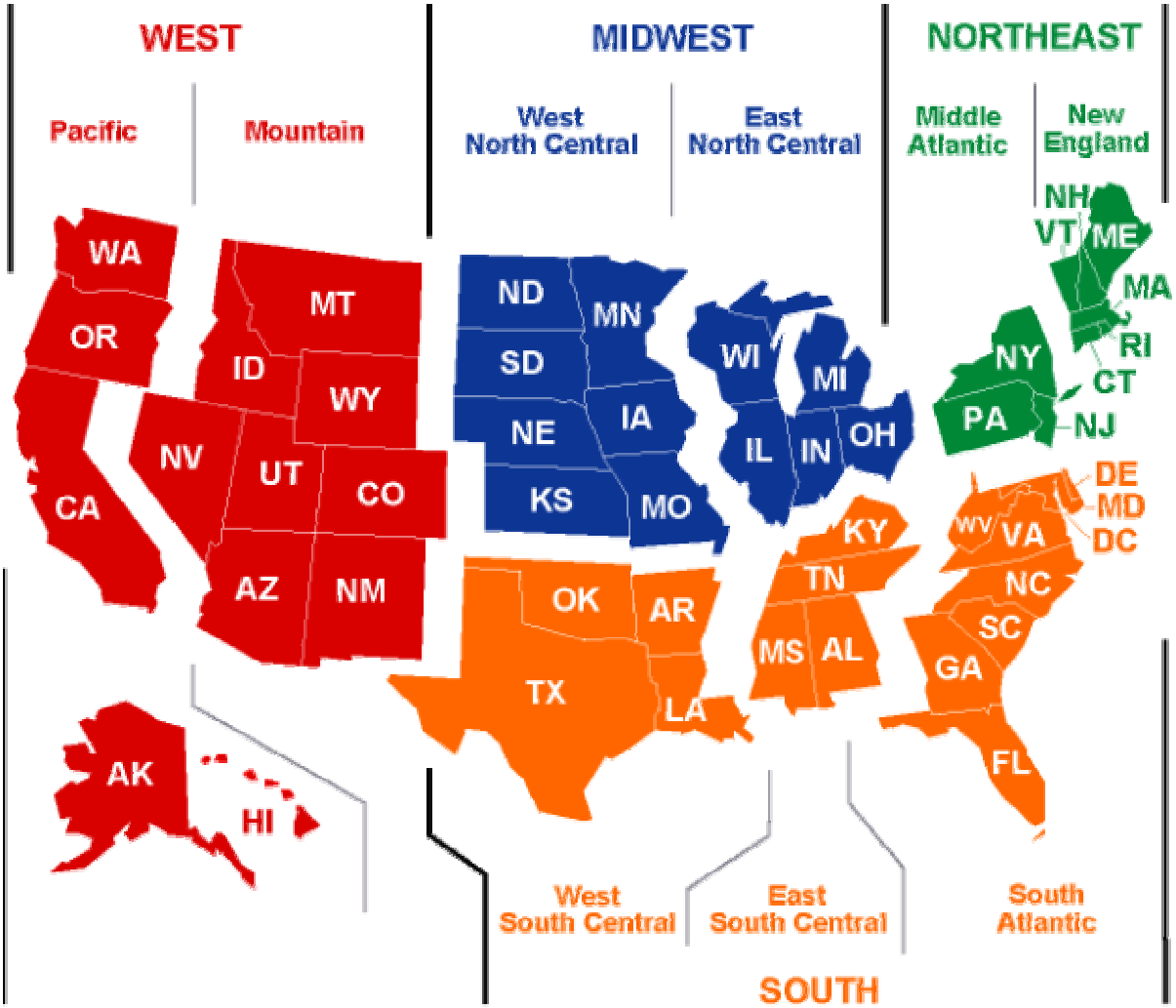
$$\mathrm{OtherUse}_{y,m} = \left(\frac{\mathrm{BDays}_{y,m}}{30.5} \right) \times \left(\frac{\mathrm{Output}_{y}}{\mathrm{Output}_{98}} \right)^{0.20} \times \left(\frac{\mathrm{Price}_{y.m}}{\mathrm{Price}_{98}} \right)^{-0.18} \tag{14}$$

In this expression, the elasticities on output and real price are computed from the COMMEND default values.

1.2 Supporting Spreadsheets and *MetrixND* Project Files

The SAE approach described above has been implemented for each of the nine census divisions. A mapping of states to census divisions is presented in Figure 1. This section describes the contents of each file and a procedure for customizing the files for specific utility data. A total of 18 files are provided. These files are listed in Table 1.

Figure 1. Mapping of States to Census Divisions*



*Map Source: URL: http://www.eia.doe.gov/emeu/reps/maps/us_census.html

Table 1: List of SAE Files

Spreadsheets	*MetrixND* Project Files
NewEnglandCom.xls	NewEnglandCom.ndm
MiddleAtlanticCom.xls	MiddleAtlanticCom.ndm
EastNorthCentralCom.xls	EastNorthCentralCom.ndm
WestNorthCentralCom.xls	WestNorthCentralCom.ndm
SouthAtlanticCom.xls	SouthAltanticCom.ndm
EastSouthCentralCom.xls	EastSouthCentralCom.ndm
WestSouthCentralCom.xls	WestSouthCentralCom.ndm
MountainCom.xls	MountainCom.ndm
PacificCom.xls	PacificCom.ndm

As defaults, the SAE spreadsheets include regional data but utility data can be entered to generate the *Heat*, *Cool*, and *Other* equipment indices used in the SAE approach. The data from these spreadsheets are linked to the *MetrixND* project files. In these project files, the end-use *Usage* variables (Equations 6, 10, and 14 above) are constructed and the SAE model is estimated.

The nine spreadsheets contain the following tabs.

- **Definitions.** This tab contains equipment, end use, worksheet, and census division definitions.
- **UtilityData.** This tab contains the main utility input data, including:
  - -- Sales,
  - -- Electricity prices,
  - -- Billing days,
  - -- Real output,
  - -- Heating degree days, and
  - -- Cooling degree days.
- **AnnualIndices.** This tab contains the annual *Heat*, *Cool* and *Other* equipment indices.
- **ShareEff.** This tab is used to the calculation of the annual equipment indices.
- **EqpEfficiency.** This tab contains historical and forecasted end-use equipment efficiency trends. The forecasted values are based on projections provided by the EIA. The raw EIA projections are provided on the EIAData tab.
- **Shares.** This tab contains historical and forecasted end-use shares. The default forecasted values are provided by the EIA. The raw EIA projections are provided on the EIAData tab.

- **EIAData.** This tab contains the raw forecasted data provided by the EIA. This tab also contains calculations of the base year *Intensity* values used to weight the equipment indices.

The *MetrixND* Project files are linked to the *UtilityData* and the *MonthlyEquipmentIndices* tabs in the spreadsheets. In this way, utility specific data and the equipment indices are brought into the project file. The *MetrixND* project files contain the following objects.

- **Parameter Table: Parameter.** This parameter table includes the values of the annual HDD and CDD in 1998 used to calculate the *Usage* variables for each end-use.

- **Parameter Table: Elas.** This parameter table includes the values of the elasticities used to calculate the *Usage* variables for each end-use.

- **Data Table: AnnualEquipmentIndices.** This data table is linked to the *AnnualIndices* tab in the Commercial SAE spreadsheet.

- **Data Table: UtilityData.** This data table is linked to the corresponding tab in the Commercial SAE spreadsheet.

- **Transformation Table: EconTrans.** This transformation table is used to compute the output and price indices used in the usage equations.

- **Transformation Table: WeatherTrans.** This transformation table is used to compute the HDD and CDD indices used in the usage equations.

- **Transformation Table: CommercialVars.** This transformation table is used to compute the *Heat*, *Cool* and *Other Usage* variables, as well as the *XHeat*, *XCool* and *XOther* variables that are used in the regression model.

- **Transformation Table: BinaryVars.** This transformation table is used to compute the calendar binary variables that could be required in the regression model.

- **Transformation Table: AnnualFcst.** This transformation table is used to compute the annual historical and forecast sales and annual change in sales.

- **Model: ComModel:** This is the Statistically Adjusted End-Use Model.

Steps to Customize the Files for Your Service Territory

The files that are included in this package contain regional data. If you have more accurate data for your service territory, you are encouraged to tailor the spreadsheets with that information. This section describes the steps needed to customize the files.

Minimum Customization

1. Select the spreadsheet and *MetrixND* project file from the appropriate Census Division (Figure 1).
2. Open the spreadsheet and go to the *UtilityData* tab.
3. On the *UtilityData* tab replace all the columns with utility-specific data.
4. Save the spreadsheet and open the *MetrixND* project file.
5. Click on the Update *All Links* button on the *Menu* bar.
6. Review the model results.

Customizing the End-use Share Paths

In addition to the minimum steps listed above, you can install your own share history and forecasts. To do this, go to the *Share* tab in the spreadsheet and paste in the values for your region.

Customizing the End-use Efficiency Paths

Finally, you can override the end-use efficiency paths that are contained on the *Efficiency* tab of the spreadsheet.

NXP/Samsung 1-30. Please provide monthly energy by rate class at the meter and at the generator for the test year, the five previous years. To the extent available, please provide monthly energy by customer class by time period in the time periods that Austin Energy uses for time-of-use rate schedules (i.e., on-peak 2am to 8pm June-September weekdays, mid-peak all remaining hours from 6 am to 10 pm year-round, and off-peak all other hours).

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

As a participant in the ERCOT nodal market, Austin Energy no long provides energy at the generator for net system load. The term "at generator" is a proxy for net system load. For the test year, please see Work Paper F-6.1 for monthly class energy at the meter (lines 62-74) and monthly class energy at the generator (lines 48-60). Please see Attachment 1 for energy by customer class for the specified time of use periods.

Class load from FY 2009 through FY 2011 and FY 2013 is confidential. Class load for FY 2012 does not exist.

Attachment 1: Austin Energy Time of Use kWh – Test Year 2014.

Prepared by: JL
Sponsored by: Mark Dombroski

Austin Energy, Test Year 2014, kWh @ Generation

Month	Period	Residential E-RES	Secondary < 10 kw E-SEC1	Secondary 10 - 299 kw E-SEC2	Secondary 300 kw and Greater E-SEC3	Primary < 3 MW E-PRI1	Primary 3 - 19 MW E-PRI2	Primary 20 MW and Greater E-PRI3	Transmission E-TRANS	Transmission 20 MW and Greater (HLF) E-TRAN2	COA Owned Outdoor Lighting E-SAL	Security Lighting E-NWM	Customer Owned Non-Metered Lighting E-SNG	Customer Owned Metered Lighting E-SPORT
10/2013	OFF	84,783,591	6,055,375	60,974,576	62,976,243	14,071,113	18,958,555	40,140,495	830,171	6,493,862	2,132,781	682,401	135,087	40,750
10/2013	MID	259,678,120	14,079,453	175,092,217	159,615,807	30,145,121	38,427,256	80,868,484	1,491,503	13,165,121	1,065,049	330,972	65,566	240,329
10/2013	ON	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2013	OFF	76,390,243	6,145,501	51,949,720	58,170,853	12,876,763	17,450,724	30,198,599	603,518	5,475,607	2,206,409	539,755	89,486	42,821
11/2013	MID	202,962,147	12,558,526	141,612,276	144,640,269	27,354,713	34,674,758	61,675,793	1,201,629	11,225,580	1,380,658	334,165	54,727	219,759
11/2013	ON	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2013	OFF	87,449,779	8,456,802	64,603,069	66,288,761	12,655,977	19,442,284	35,153,397	597,191	6,351,491	2,420,909	671,696	91,198	51,446
12/2013	MID	200,997,271	15,974,523	162,650,047	158,563,704	25,868,534	38,520,287	70,553,711	1,142,049	12,773,293	1,673,231	458,054	61,843	168,453
12/2013	ON	0	0	0	0	0	0	0	0	0	0	0	0	0
01/2014	OFF	195,888,951	14,793,838	129,640,695	128,895,727	28,594,834	37,432,968	67,963,135	1,160,435	11,547,764	2,592,846	703,302	96,009	68,497
01/2014	MID	122,250,538	7,955,182	83,015,832	82,154,287	16,746,694	21,831,388	40,714,801	751,558	6,920,910	1,102,185	290,056	40,537	147,031
01/2014	ON	0	0	0	0	0	0	0	0	0	0	0	0	0
02/2014	OFF	172,438,990	13,395,861	113,380,379	111,747,434	16,983,138	37,386,941	72,362,487	1,234,288	9,976,001	2,219,827	745,850	101,506	59,298
02/2014	MID	115,390,400	7,627,191	75,131,628	72,684,137	10,161,852	21,502,777	43,051,995	816,302	5,930,141	750,488	241,536	33,813	198,740
02/2014	ON	0	0	0	0	0	0	0	0	0	0	0	0	0
03/2014	OFF	166,336,670	13,871,815	124,081,064	127,364,846	23,377,756	30,365,080	73,323,932	1,071,363	11,801,293	2,568,276	814,367	117,458	75,080
03/2014	MID	117,669,220	7,816,522	81,544,939	80,946,986	13,823,773	17,393,782	43,495,267	627,794	6,982,406	681,004	204,348	30,437	185,520
03/2014	ON	0	0	0	0	0	0	0	0	0	0	0	0	0
04/2014	OFF	144,267,956	12,431,038	125,355,367	135,526,790	24,658,542	35,244,800	63,963,319	1,122,008	11,726,340	2,320,962	976,567	119,954	61,357
04/2014	MID	132,131,724	8,181,439	87,737,461	88,382,491	15,375,856	20,700,035	38,330,076	564,673	7,007,893	604,645	243,639	30,417	174,651
04/2014	ON	0	0	0	0	0	0	0	0	0	0	0	0	0
05/2014	OFF	174,542,349	12,696,603	140,688,251	145,868,860	28,873,637	38,662,811	68,383,619	718,326	12,485,035	2,355,522	1,105,988	137,213	103,788
05/2014	MID	178,852,146	9,033,167	102,455,924	97,785,820	18,602,698	22,699,883	41,888,408	353,532	7,638,230	343,980	152,729	18,751	143,732
05/2014	ON	0	0	0	0	0	0	0	0	0	0	0	0	0
06/2014	OFF	112,888,527	6,779,342	69,730,203	69,721,804	15,901,561	18,777,180	38,415,217	684,973	6,609,992	2,222,956	1,117,017	144,223	64,004
06/2014	MID	235,623,615	12,457,719	151,982,231	135,820,177	26,814,558	28,880,512	59,110,814	925,518	10,251,771	186,973	79,196	9,912	115,005
06/2014	ON	112,682,377	5,210,433	60,304,104	52,646,006	9,678,809	9,787,073	21,454,711	218,111	3,739,912	13,033	0	0	51,430
07/2014	OFF	126,995,321	6,672,673	70,105,068	70,497,058	20,436,952	20,990,015	38,489,393	1,060,434	6,924,826	2,270,541	1,059,986	142,112	66,622
07/2014	MID	257,024,553	11,803,219	151,202,847	133,194,754	33,250,812	31,166,033	57,338,494	1,389,951	10,426,787	188,386	73,903	9,727	115,535
07/2014	ON	138,966,603	5,179,044	64,831,783	54,751,160	12,876,755	11,330,849	22,375,226	296,586	4,070,694	13,563	0	0	50,738
08/2014	OFF	137,009,848	7,321,347	73,702,695	73,319,073	19,716,627	20,329,383	39,842,474	720,493	7,178,238	2,454,737	1,080,540	136,246	68,298
08/2014	MID	281,791,127	12,923,425	162,739,128	143,819,295	32,421,181	30,966,648	60,429,017	1,131,383	10,975,441	347,740	139,953	17,457	115,204
08/2014	ON	131,204,393	5,107,401	61,901,222	52,604,307	11,055,593	9,773,676	20,698,550	207,197	3,738,717	12,647	0	0	55,297
09/2014	OFF	111,087,883	6,702,052	58,239,151	63,765,030	17,366,122	19,888,275	37,177,163	826,609	6,668,344	2,059,058	748,582	98,166	57,564
09/2014	MID	226,591,163	10,884,575	120,983,575	119,798,164	27,593,218	29,517,240	55,100,096	1,239,772	9,929,672	571,919	202,514	26,109	107,983
09/2014	ON	123,742,856	4,998,217	51,497,117	48,571,272	10,632,032	10,669,207	21,314,292	369,002	3,819,046	104,847	35,143	4,501	102,467

NXP/Samsung 1-31. Please provide the total system megawatts of generation installed or contracted for, megawatts of forced outage, megawatts on maintenance outage, and megawatts unavailable due to lack of wind power in the peak hour of each month in the test year and the five previous years.

ANSWER:

This question is subject to a pending objection.

Please see Austin Energy's FY2014 Annual Performance Report for information responsive to total system megawatts of generation installed or contracted for, megawatts of forced outage, megawatts on maintenance outage. The report can be found in the Corporate Reports & Data Library section of Austin Energy's website www.austinenergy.com/.

With respect to the portion of the question seeking "megawatts unavailable due to lack of wind power in the peak hour of each month in the test year and the five previous years," Austin Energy no longer is responsible for balancing or scheduling its load. Therefore, no implied calculations can be made for this request.

Prepared by: EK
Sponsored by: Elaina Ball

NXP/Samsung 1-32. Please identify the timing of all alerts or rotating blackouts affecting ERCOT in the test year and the five previous years.

ANSWER:

This question is subject to a pending objection. Specifically, this information is publicly available from ERCOT.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-33. Please provide hourly load by customer class for all classes of customers.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter and proprietary customer information as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-34. Please provide hourly generation by power plant in the test year.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter and proprietary customer information as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-35. Please provide hourly generation provide through purchased power agreements in the test year.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter and proprietary customer information as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-36. Please provide ERCOT day-ahead and hour-ahead prices for energy on an hourly basis for the test year.

ANSWER:

This question is subject to a pending objection. Specifically, this information is publicly available from ERCOT.

Please refer to ERCOT's Market Information page for information responsive to day-ahead and hour-ahead prices for energy. The information can be found at ERCOT's website http://www.ercot.com/mktinfo.

Prepared by: EK
Sponsored by: Elaina Ball

NXP/Samsung 1-37. Please refer to Footnote 45 on page 3-18 of the rate filing package. Please list the amount and frequency that Austin Energy has offered resources from any type of generation and purchase power agreements at below cost during the Test Year.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter and proprietary customer information as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General. Additionally, this question requests information that is beyond the scope of this proceeding.

Notwithstanding the foregoing, general information about the amount and frequency that Austin Energy has offered resources from any type of generation and purchase power agreement at below cost during the test year can be found at http://www.ercot.com/mktinfo.

Prepared by: EK
Sponsored by: Elaina Ball

NXP/Samsung 1-38. Please provide daily spot gas prices in the test year.

ANSWER:

This question is subject to a pending objection. Specifically, daily spot prices for natural gas in the test year are publicly available through multiple newspaper and trade magazines.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-39. Please provide the Equivalent Forced Outage Rate and Equivalent Availability Factor of each power plant on the Austin Energy system in excess of 50 MW for the test year and each of the five previous years.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-40. Please provide the maintenance schedules for each power plant in excess of 50 MW owned or contracted for by Austin Energy for 2010 through the latest available date in 2015 actual and the remainder of 2015 through-2017 forecast.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-41. For each power plant owned by Austin Energy, please provide the in-service date, gross plant, an estimate of depreciation reserve as of the end of the test year, non-fuel Operations and Maintenance expense during the test year and the four previous years, and fuel expense during the test year and the four previous years.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General. Additionally, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested non-competitive information is provided pursuant to the Public Information Act:

Plant in service date, gross plant and estimate of depreciation reserve is below:

Power Production	In-Service Date	Gross Plant	Depreciation Reserve
Decker	1967-1978	$ 209,026,980.69	$ 167,521,953.15
Sandhill	2001-2010	$ 350,988,751.42	$ 111,306,712.49
South Texas Project	1988-1989	$ 955,556,632.92	$ 576,394,680.49
Fayette Power Project	1979-1980	$ 524,576,726.59	$ 280,615,402.80
Holly	1961	$ 3,563,183.59	$ 2,204,920.93
Fuel Cell	2000	$ 5,624.85	$ 3,011.53
Mueller Energy Center	2007-2014	$ 10,401,284.63	$ 2,300,312.69
Solar-Utility Scale	1994-2013	$ 10,200,762.35	$ 2,718,519.30
Webberville Solar Land	2010	$ 2,986,331.40	$ -
Wind	2006-2011	$ 68,419.00	$ 15,662.23
Total Power Production		$ 2,067,374,697.44	$ 1,143,081,175.61

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 1-42. Please identify any firm sales contracts in force in the test year and after the test year, with MW of capacity, MWh by month, and revenue by month. If any sales are from a specific generating unit, identify the unit.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-43. Please list any of the purchase power agreements that are "take or pay" contracts by type of power purchased in terms of MW of capacity, MWh by month, and cost by month.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General. Additionally, this question requests information that is beyond the scope of this proceeding.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-44. Does Austin Energy own and/or lease rail cars? If owned, identify the gross and net plant associated with rail cars included in this rate case and the FERC account(s) where they are included. If leased, please identify the total lease costs, the O&M account(s) where the costs are included and whether the lease costs are included in the Power Supply Adjustment.

ANSWER:

Austin Energy owns and leases rail cars. The gross plant for rail cars is $24,146,516 and the net plant is $16,564,103. These are included in FERC 312. In the test year, the lease cost associated with rail cars was $199,728; this cost is accounted for in FERC 501, Non Recoverable Fuel. The lease costs are not included in the Power Supply Adjustment.

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 1-45. How does Austin Energy account for the cost of handling and disposal of ash and spent chemicals from pollution control devices? Please identify the amount in the test year in this rate case and the FERC Account(s) where those costs are included.

ANSWER:

Austin Energy accounts for the costs of handling and disposal of ash and spent chemicals from pollution control devices by costs being booked in FERC Accounts 408, 501, and 926. The amount in the test year is $629,109.58.

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 1-46. Please provide the total capital costs of scrubbers and other major pollution control devices on Austin Energy's power plants by FERC Account. For any scrubbers and other major pollution control devices added to Austin Energy's existing power plants since 1990, identify the year of installation and the capital costs for each plant.

ANSWER:

Below are the total costs of scrubbers and other major pollution control devices on AE's power plants by FERC account added since 1990.

Major Pollution Control Devices

Plant/FERC	(Since 1990 - 2014) Year (In-Service)	Capital Costs	Description of Asset
Sand Hill Energy Center			
FERC 346	Aug-04	406,561.99	Continuous Emmissions Monitoring System Included in Original Turbine Costs
FERC 342	Dec-07	2,202,873.10	SHEC Replace NOX Catalyst in 4 LM 6000 Units
Decker Power Plant			
FERC 312	Oct-00	41,412.91	Continuous Emmissions Monitor
FERC 312	Oct-04	174,226.58	DEC Cont Emmission Mont-Decke
FERC 312	Oct-04	2,132,926.71	DEC PP NOX Red -Fuel Mgt. SY
FERC 345	May-06	136,110.14	Decker - Upgrade Water Injection System
Fayette Power Plant (FPP)			
FERC 311	Sep-12	78,857.89	Limestone System Structure for Scrubbers
FERC 312	Jun-06	8,756,432.69	NOX Reduction
FERC 312	Aug-11 to Sep-12	196,944,370.64	Scrubbers/SO2 Removal
FERC 312	Sep-14	3,311,321.41	Mercury Removal Project Phase I and II

Prepared by: DK
Sponsored by: Mark Dombroski

NXP/Samsung 1-47. Please explain how Austin Energy accounts for the variable costs of running scrubbers and pollution control devices (e.g., limestone for SO2 scrubbers, ammonia and catalysts for Selective Catalytic Reduction). Identify the amount in the test year and the FERC Account(s) where those costs are included.

ANSWER:

Austin Energy accounts for the variable costs of running scrubbers and pollution control devices by costs being booked in FERC Accounts 408, 501, and 926. The amount in the test year is $1,751,956.

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 1-48. Please identify the amount and cost of sulfur dioxide allowances (a) purchased and (b) sold in the test year, the previous four years, and the three succeeding years.

ANSWER:

The following are the sulfur dioxide allowances purchased and sold:

Fiscal Year	2015	2014	2013	2012	2011	2010
Allowances Bought	$0.00	$0.00	$0.00	$0.00	$1,150.00	$10,302.00
Allowances Sold	$0.00	$0.00	$1,115.00	$885.00	$4,608.00	$10,362.00

Prepared by: MM
Sponsored by: Mark Dombroski

NXP/Samsung 1-49. Explain how sulfur allowances are accounted for (i.e., the amount of revenues and expenses by FERC account(s) in each of these years and whether the allowance costs and revenues are included in the fuel adjustment clause).

ANSWER:

Sulfur allowances held for trading (not compliance) purchases are recorded to an inventory account on the balance sheet (FERC Account 105). Sales are accounted for as revenue (FERC Account 4118). Neither the revenues nor gains and losses on the sale are included in the power supply adjustment. Gains and (losses) recorded to FERC Account 4118 FY 2010 – FY 2015:

Fiscal Year	2015	2014	2013	2012	2011	2010
FERC 4118 Gain/(Loss)	$4.46	$0.00	$3,573.50	$3,023.12	$56,889.18	$16,841.95

Prepared by: MM
Sponsored by: Mark Dombroski

NXP/Samsung 1-50. Does Austin Energy carry an inventory of sulfur dioxide allowances? If so, provide the monthly amounts used to calculate a test year 13-month average, the amount of allowances amortized, and indicate the FERC account(s) in which the inventory is recorded and explain how the costs of the inventory and any allowances used are allocated to customer classes.

ANSWER:

Austin Energy carries the sulfur dioxide allowances held for trading on the balance sheet. The monthly amounts are shown below. Austin Energy does not amortize the sulfur dioxide allowances. The sulfur dioxide allowances are recorded in FERC Account 143. Because the rate filing package uses the cash flow method, the rate base is not used to develop the revenue requirement. The costs for sulfur dioxide allowances are not allocated to customer classes.

SO2 Balance	
9/30/2014	$19,187.10
8/30/2014	$19,333.35
7/30/2014	$19,333.35
6/30/2014	$19,333.35
5/30/2014	$19,333.35
4/30/2014	$19,333.35
3/30/2014	$19,333.35
2/28/2014	$19,333.35
1/30/2014	$19,333.35
12/30/2013	$19,333.35
11/30/2013	$19,333.35
10/30/2013	$19,333.35
9/30/2013	$19,333.35
13 Mo Avg	$19,322.10

Prepared by: MM
Sponsored by: Mark Dombroski

NXP/Samsung 1-51. Please identify the gross revenue from short-term (hourly up to 3 month) firm or non-firm power sales (including sales into ERCOT) in the test year and the fuel cost associated with making those sales. Identify the extent to which that gross revenue is included in the Power Supply Adjustment. If any portion of the gross revenue is not included in the Power Supply Adjustment, identify it by FERC account and explain how that revenue is allocated to customer classes.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General. Additionally, this question requests information that is beyond the scope of this proceeding.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-52. Please provide Austin Energy's best estimate of the capital and fixed and variable non-fuel operations cost, heat rates, and coal costs of new coal-fired, combined cycle, and combustion turbine generating plants. Provide supporting source documentation if available.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General. Additionally, this question requests information that is beyond the scope of this proceeding.

With respect to coal-fired plants, there is no data available that is responsive to this question. With respect to combined cycle plants, please see the Navigant Report found at the following website address: http://www.austintexas.gov/edims/document.cfm?id=246827 . With respect to combustion turbine plants, Austin Energy has received information from third parties with whom non-disclosure agreements have been executed. These agreements impose legal restrictions that have implications under the Public Information Act. Specifically, the non-disclosure agreements impact Austin Energy's ability to release certain third-party proprietary information. Austin Energy is following the appropriate steps pursuant to the Public Information Act related to this information.

Prepared by: SK
Sponsored by: Elaina Ball

NXP/Samsung 1-53. Please provide the amount of fixed costs from Purchased Power Agreements included in the Power Supply adjustment during the test year and included in the estimated Power Supply Adjustment to be considered in the 2016-2017 Budget process.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General. Additionally, this question requests information that is beyond the scope of this proceeding.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-54. Please provide workpapers showing (with reference to FERC Accounts) how Austin Energy has classified distribution plant between primary and secondary distribution. Include spreadsheets with working cells.

ANSWER:

Classified distribution plant, by FERC Account, between primary and secondary is calculated using a combination of direct assignments and allocation factors. A description of the sub-functionalization of distribution infrastructure can be found in Section 5.2.3.1 of the 'Austin Energy's Tariff Package: 2015 Cost of Service Study and Proposal to Change Base Electric Rates'. These are shown within the 'AE RFP' model under sheet name 'Schedule G-4.' Additional information may be found in 'Austin Energy's Tariff Package' for 'Cost of Service Model – Redacted' under pages 206-217 of 347 (Bates stamp 965-976).

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-55. Refer to WP/F-2.4, page 171 of 347, Bates stamp page 930. Please explain and provide the full and complete justification relied upon by AE in classifying the non-labor related portion of production expense accounts 502-528 as energy-related costs rather than demand-related costs.

ANSWER:

Austin Energy did not allocate the non-labor related portion of production expense accounts 502-528 using an energy allocator. The allocation developed in WP F-24 is not being applied in the cost of service analysis. Austin Energy allocated these costs on a demand basis. See Schedule G-2.

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-56. Refer to WP/F-4.1, page 174 of 347, Bates stamp page 933. Please provide all supporting documents and materials used to develop the cost data employed for these calculations.

ANSWER:

Supporting documentation is contained in Attachment 1.

Prepared by: CM
Sponsored by: Mark Dombroski

Item h.ii. OH Distribution Line

Voltage	Miles
7.2k	615
12.5k	1297

	Calculated Cost	Calculated Footage	Per Unit Cost	Description
Primary - OH				
3 Phase - 12.5 kV LL				
Jan-00	$14,076.70	1000	$14.08	Includes Standard Narrow Profile Tangent Framing and Two Deadend structures with Associated Down Guys
Apr-00	$24,500.44	1000	$24.50	Includes Standard Narrow Profile Tangent Framing and Two Deadend structures with Associated Down Guys
795	$40,721.35	1000	$40.72	Includes Standard Narrow Profile Tangent Framing and Two Deadend structures with Associated Down Guys
1 Phase- 7.2 kV LN				
Jan-00	$9,648.57	1000	$9.65	Includes Standard Narrow Profile Tangent Framing and Two Deadend structures with Associated Down Guys

Item h.ii. UG Distribution Line

Voltage	Miles
7.2 kV	2390.88
12.5 kV	507.62

	Calculated Cost	Calculated Footage	Per Unit Cost	Description
Primary - UG				
3 Phase - 12.5 kV LL				
Jan-00	$51,674.19	1000	$51.67	Includes riser, pull boxes spaced every 250', and necessary duct bank and civil work
250	$146,428.65	1000	$146.43	Includes riser, 2 PME-9 switchgears, manholes with splices spaced every 250', and necessa
500	$166,476.18	1000	$166.48	Includes riser, 2 PME-9 switchgears, manholes with splices spaced every 250', and necessa
1000	$200,898.87	1000	$200.90	Includes riser, 2 PME-9 switchgears, manholes with splices spaced every 250', and necessa
1 Phase- 7.2 kV LN				
Jan-00	$40,913.09	1000	$40.91	Includes riser, pull boxes spaced every 250', and necessary duct bank and civil work

NXP/Samsung 1-57. Refer to WP/F-6.1.2.1, page 180 of 347, Bates stamp page 939. Please define and explain the term "k" constant as it is used in this workpaper. Please provide all information, data and assumptions supporting the "k" constant. In addition, please provide all information, data and assumptions supporting the use of the 55.54% load factor.

ANSWER:

The constant coefficient "k" is used in the loss factor equation to convert instantaneous peak demand losses to energy losses for a given time period. A value of 0.08 was assumed for the loss factor calculations based on research published in IEEE Transactions on Power Systems on November 1988 using American and Canadian utilities. Citation: M.W. Gustafson and J.S. Baylor, The Equivalent Hours Loss Factor Revisited, IEEE Transactions on Power Systems, Vol. 3, No. 4 at 1502-1508 (Nov. 1988).

The 55.54% reflects the system average load factor for fiscal year 2009, the year upon which the loss study was based. Attachment 1, "FY 2009 System Load Factor" supports the 55.54%. Additional information regarding the loss study can be found in Appendix J or direct testimony of Paul Keith Mullen, Jr. in PUCT Docket No. 40627.

See Attachment 1 – Monthly Peak & Sales.

Prepared by: CM
Sponsored by: Elaina Ball

YEAR	MONTH	Peak MW
2008	10	2,034
2008	11	1,656
2008	12	1,877
2009	1	1,750
2009	2	1,688
2009	3	1,538
2009	4	1,870
2009	5	2,189
2009	6	2,602
2009	7	2,566
2009	8	2,548
2009	9	2,377

	Peak GW	NTS GWH	System Load Factor
FY 2009	2.602	12,659	55.54%

NXP/Samsung 1-58. Refer to WP/F-6.1.3, page 183 of 347, Bates stamp page 942. Please provide a full and complete description of this workpaper. Provide definitions of "Billing Distribution kWh," "SMD," and "HOW."

ANSWER:

WP F-6.1.3 provides the ratio of energy (kWh) to billed demand (SMD) from actual billing determinants. This data is used in the RFP to hold the ratio of energy to billed demand constant given normalized energy sales. Put another way, it aligns billed demand with the normalized energy sales.

AE does not find the term "Billing Distribution kWh" on this worksheet and assumes the question is a reference to "Billing Database kWh," which is the actual energy sales (un-normalized).

"SMD" stands for sum of maximum demands and is equal to billed demand.

Within the RFP there are certain sub-categories of customers within each customer class. Billing determinants for these customers are segregated in the rate design worksheets. Some of these groups currently have, or are proposed to have, special rate accommodations. These groups are generally identified below:

- "State" are accounts associated with the State of Texas.
- "HOW" are accounts associated with a house of worship.
- "Mil" are accounts associated with the military.
- "ISD" are accounts associated with independent school districts.

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-59. Please identify the latest available estimate of the total number of poles on the Austin Energy system, the number of miles of overhead line divided into primary and secondary, the number of miles of underground line divided into primary and secondary, the number and total kVA of transformers, divided into pole-mounted, pad-mounted, and other; and the number of overhead and underground services (and mileage if available).

ANSWER:

The estimates responsive to this request represent data as of February 8, 2016.

The total number of poles on the Austin Energy System is shown in the table below:

Total Pole Count: 166,730	
AE	152,903
FOREIGN	13,827

The number of miles of overhead and underground line is shown in the table below:

CIRCUIT – Mileage	
OVERHEAD PRIMARY	2,387.79
OVERHEAD SECONDARY	1,037.39
UNDERGROUND PRIMARY	3,215.95
UNDERGROUND SECONDARY	877.75
UNDERGROUND PRIMARY NETWORK	95.65

The number and total kVA of transformers, divided into pole-mounted, pad-mounted, submersible, and network are shown in the table below:

POLE-MOUNTED		**PAD-MOUNTED**		**SUBMERSIBLE**		**NETWORK**	
KVA	**COUNT**	**KVA**	**COUNT**	**KVA**	**COUNT**	**KVA**	**COUNT**
1.5	18	25	1776	25	6	500	283
3	13	37.5	2	50	420	750	60
5	16	50	18463	75	124	1000	96
10	1260	75	7348	100	48	1500	92
15	1681	100	3951			2000	117
25	15023	112.5	1			2500	15
37.5	203	125	10			8300	2
50	17308	150	813				
75	3946	167	1808				
100	2918	175	1				
167	1144	200	8				
250	3	225	87				
		250	214				
		300	1044				
		333	9				
		500	1121				

		750	667				
		1000	338				
		1500	294				
		2000	127				
		2500	86				
		5000	2				
		12500	2				

The number of overhead and underground services is shown below. The mileage data is not available.

NUMBER OF OVERHEAD AND UNDERGROUND SERVICES	
OVERHEAD	104,035
UNDERGROUND	147,826

Prepared by: JR/CP
Sponsored by: Elaina Ball

NXP/Samsung 1-60. Please provide an estimate of the number of poles serving (a) primary distribution lines only; (b) secondary distribution lines only; (c) primary distribution lines and secondary distribution lines simultaneously; (d) serving only streetlights.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

As of February 8, 2016 Austin Energy has the following numbers for each type of pole:

(a) Primary distribution lines only – 101,729

(b) Secondary distribution lines only – 22,127

(c) Austin Energy does not maintain records on the number of poles serving both primary distribution lines and secondary distribution lines. These numbers are included in the number of poles serving primary distribution.

(d) Serving only streetlights – 42,769

Prepared by: JR
Sponsored by: Elaina Ball

NXP/Samsung 1-61. How are power poles that are used exclusively by street lights assigned in the cost of service study?

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

Consistent with FERC guidelines, all installed equipment, including poles used exclusively for street lighting and signal systems are booked in FERC plant account 373 (Street and Signal Lighting), O&M accounts 585 (Operation of Street Lighting) and 596 (Maintenance of Street Lighting and Signal Systems) as shown within the 'AE RFP' model under the following sheet names:

- Schedule F-4
- WP F-4.1
- Schedule G-4

Additional information may be found in 'Austin Energy's Tariff Package' for 'Cost of Service Model – Redacted' under pages 173-174, 206-217 of 347 (Bates stamp 932-933, 965-976). All costs are directly assigned to City-Owned Lighting. Costs classified as City-Owned Lighting are allocated to Service Area Lighting and AE-Owned Private Outdoor Lighting customer classes as shown on 'Schedule G-6' of the 'AE RFP' model.

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-62. If any costs in FERC Accounts 364-368 are treated as customer-related, please provide workpapers showing the derivation of customer-related and demand-related costs for each such FERC Account. Include spreadsheets with working cells.

ANSWER:

None of the costs in FERC Accounts 364-368 are classified as customer-related. The supporting workpapers are located within the 'AE RFP' model under the following sheet names:

- Schedule F-4
- Schedule G-4

Additional information may be found in 'Austin Energy's Tariff Package' for 'Cost of Service Model – Redacted' under pages 173, 206-217 of 347 (Bates stamp 932, 965-976).

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-63. Please identify customer accounting costs (Accounts 901-905) by FERC account (and any subaccounts used by Austin Energy) in the test year. Identify sub-accounts by name and number, and provide a brief description of the function(s) in each sub- account.

ANSWER:

Customer accounting costs (Accounts 901-905) by FERC are shown in Schedules G-1, lines 134-138 and Schedule D-1, lines 135-139 of the Rate Filing Package.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-64. Please identify customer service and information costs (Accounts 907-910) by FERC account (and any subaccounts used by Austin Energy) in the test year. Identify sub-accounts by name and number, and provide a brief description of the function(s) in each sub-account.

ANSWER:

Customer service and information costs (Accounts 907-910) by FERC are shown in Schedule G-1, lines 142-145 of the Rate Filing Package.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-65. Please identify marketing and sales costs (Accounts 911-915) by FERC account (and any subaccounts used by Austin Energy) in the test year. Identify sub-accounts by name and number, and provide a brief description of the function(s) in each sub- account.

ANSWER:

Marketing and sales costs (Accounts 911-915) by FERC are shown in Schedule G-1, lines 146-148 of the Rate Filing Package.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-66. Please identify all advertising expenses by FERC account charged to ratepayers as a test year expense. Identify and provide the cost and a brief description of any individual advertising programs costing in excess of $25,000. For any individual programs in excess of $100,000, please provide samples of print advertisements and/or transcripts of radio or TV advertisements.

ANSWER:

The following are the advertising expenses by FERC account for the test year:

FERC Account	Total
903	$18,565
909	$600
912	$979
Grand Total	$20,144

There were no advertising programs costing in excess of $25,000.

Prepared by: BB
Sponsored by: Mark Dombroski

NXP/Samsung 1-67. Please identify all costs of "Major Account Representatives" (defined as City of Austin or Austin Energy employees assigned specifically to serve large customers) in the test year by FERC Account. Include non-labor expenses of these staffers.

ANSWER:

For external key account costs, see WP D-1.2.7. The internal key account costs for the test year are $686,743.91 in FERC 903, $300.93 in FERC 923 and $55.89 in FERC 930. Costs include external and internal key representatives' labor costs and non-labor expenses, but do not include known and measurable adjustments.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-68. Please identify the customer classes that are served by "Major Account Representatives" and estimate the approximate percentage of time spent on each class.

ANSWER:

Please see Work Paper D-1.2.7.1 in the Rate Filing Package.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-69. Please identify all costs of "Economic Development" or similar programs in the test year by FERC Account, including all transfers out from AE including all transfers to other funds and departments.

ANSWER:

See response to NXP/Samsung 1-24.

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 1-70. Please provide the number of dollars of customer deposits held by Austin Energy in each month of the test year (by customer class if available) and identify and explain the current cost allocation for customer deposits and interest paid on deposits.

ANSWER:

	Total Deposits	AE's portion for FY14	Interest accrual	Total Customer Deposit
Oct-13	$ 26,692,539.79	$ 18,417,852.46		
Nov-13	$ 27,249,612.84	$ 18,802,232.86		
Dec-13	$ 27,619,673.77	$ 19,057,574.90		
Jan-14	$ 28,599,687.71	$ 19,733,784.52		
Feb-14	$ 29,328,371.57	$ 20,236,576.38		
Mar-14	$ 30,022,180.21	$ 20,715,304.34		
Apr-14	$ 30,497,694.09	$ 21,043,408.92		
May-14	$ 31,041,759.46	$ 21,418,814.03		
Jun-14	$ 31,257,770.16	$ 21,567,861.41		
Jul-14	$ 31,683,158.14	$ 21,861,379.12		
Aug-14	$ 31,626,759.41	$ 21,822,463.99		
Sep-14	$ 33,025,054.60	$ 22,787,287.67	$ 25,070.18	$ 22,812,357.85

Customer deposits are collected from new Residential and Commercial customers. This information is not available by class. Residential customers that demonstrate a 12 month history of paying their electric bills before penalty and Commercial Customer that demonstrate a 24 month history of paying their electric bills before penalty are credited their initial deposit plus interest towards at the end of these trial periods. Deposits are only required of new customers and customers that do not meet the payment compliance requirements. As a liability, these deposits are assigned to the distribution function in recognition of the relationship between a new customer service connection and a deposit requirement. See Work Paper B-11.3 and Work Paper E-4.

The interest expense associated with customer deposits in the adjusted test year was $34,959. Consistent with the treatment of customer deposits in the development of rate base, interest expense was allocated to the various sub functions of distribution based on the sub functionalized distribution revenue requirement. This methodology effectively allocates customer deposit interest expense across the distribution function. The sub-functionalized Distribution costs were allocated to customer classes based the allocations shown in Schedule G-6, lines 38-53.

Prepared by: NN
Sponsored by: Mark Dombroski

NXP/Samsung 1-71. For each tariffed charge collected in FERC Accounts 450 and 451 related to service connection, reconnection, collection, and returned checks, or any similar function, please identify the amount collected, the amount paid by customer class (or residential and nonresidential if detailed class information is unavailable), and the FERC account and subaccount for each such charge in the test year and the four previous years.

ANSWER:

Tariffed charges in FERC 450 (forfeited discounts) and 451 (miscellaneous service revenues) are not recorded by customer class. The table below shows the revenue collected by FERC 450 and 451 during the test year and the four previous years.

FERC	ACCT	Description	FY2010	FY2011	FY2012	FY2013	Test Year FY2014
450	91104222	Late Payment Penalties	4,888,925	5,023,668	1,143,778	8,185,371	6,966,405
451	91104039	Reinspection Fee	20,562	3,750	500	28,294	6,114
451	91104477	Banners	75,470	76,730	51,640	(2,760)	634,473
451	91104481	Meter Damages/Breakage	155,390	118,319	2,600	3,524	12,282
451	91104491	Emergency Outage/Restoration	57,176	66,672	88,863	119,493	94,598
451	91104747	Electric Meter Damage	30,114	26,387	23,893	49,261	136,487
451	91104748	Broken Seal Fee	46,106	34,018	7,373	9,779	23,638
451	91104749	Labor & Support	118,374	90,210	14,963	20,608	54,853
451	91104874	Miscellaneous Rev-Oper	114,670	401,554	141,192	155,039	125,378
451	91304428	ETF Decline Fee	21,960	19,085	-	-	-
451	91304479	After Hours Turn/On	1,486,013	1,076,472	226,034	308,822	(1,556)
451	91304809	Accts Rec-Adjustments	-	13,222	(224,974)	(409,720)	(568,804)
451	91304855	Apt Mgr Initiation Fee	138,320	111,895	168,353	122,013	238,300
451	91304875	Returned Check Fee	136,685	137,527	122,499	148,212	178,724
451	91304883	New Service Connections	2,935,695	2,587,920	2,289,979	2,305,416	2,713,118
451	91304889	Construction Loop Fee	87,225	78,750	21,425	27,300	14,325
451	91314458	Solar Explorer Prgm	19,219	6,790	-	-	-
451	91514581	911 Call Center Sales	307,972	307,972	307,972	307,972	307,972
		Totals	10,639,874	10,180,943	4,386,090	11,378,623	10,936,307

Prepared by: MA
Sponsored by: Mark Dombroski

NXP/Samsung 1-72. Please provide late payment revenue, uncollectible accounts expense, and total revenue (including base rate and all riders) for the test year and the previous five years. Provide by class to the extent available.

ANSWER:

Responsive documents are attached to this response. Attachment 2 does not include billed revenue.

Attachment 1: Late Payment Charges and Bad Debt Expense
Attachment 2: Base Revenue

Prepared by: SK
Sponsored by: Mark Dombroski

Late Payment Charges

FY2009	FY2010	FY2011	FY2012	FY2013	FY2014
5,141,051	4,897,681	5,030,702	1,143,778	8,185,371	6,966,405

72. Bad Debt Expense

	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014
CCB/CIS	3,654,667	4,166,029	3,843,030	3,482,840	17,044,033	21,025,718
Non-CCB/CIS	(5,472)	-	(296,667)	-	212,773	(157,346)
Total	3,649,195	4,166,029	3,546,363	3,482,840	17,256,806	20,868,373

Base Revenue by Year and Rate Class

FY2009	
E01	246,763,114
E01A	3,735,103
E01C	2,981,922
E02	29,281,785
E02S	173,772
E03	10,047,573
E04	2,549,722
E04A	8,942
E05	5,130,673
E05A	5,888
E06	192,986,933
E07	4,896,748
E07S	3,490,999
E10	179,489
E11	751,326
E13	225,655
E14	10,772,747
E15	3,310,692
E16NP	120,574
E16P	2,537,508
E17	763,956
E23NP	2,308,763
E23P	7,871,771
FACSL	1,663,184
GC01	1,206,022
GC02	39,057
GC03	17,223
GC06	231,313
GC07	2,706,674
GC09	1,610,243
GC11	78,415
GC12	85,076
GC13	156,752
GC14	689,067
GC15	159,493
GC15A	1,129
GC16	1,446,413
GC17N	151,422
GC17P	605,306
GC19	211,839
GC20	38,140
GC21	1,409,356
GC22	126,484
GC23	123,299
GC24	1,793,327
GC25	2,510,525
GC27	1,874
GC28	559,579
GC30	403,796
GC31	1,540,011
GC32	20,069
GC33	110,526
GC34	612,511
GC35	30,121
GC36	2,044
GC37	70,549
GC38	6,341
GC39	892
GC41	426,126
GC43	104,087
GC44	13,655
GC45	10,365
GC46	777
GC47	3,211
GC48	102,645
GC49	14,801
GSDCP	788,926
GSDNP	597,727
LIR/LTC	61,215,281
FY2009	**614,591,328**

FY2010	
E01	244,106,942
E01A	5,867,682
E01C	3,062,598
E02	30,886,495
E02S	204,722
E03	9,000,618
E04	1,965,401
E04A	10,314
E05	5,101,063
E05A	5,888
E06	194,759,771
E07	4,935,093
E07S	3,287,325
E10	189,866
E11	1,177,103
E13	249,441
E14	10,728,660
E15	2,841,862
E15	96,839
E16NP	121,158
E16P	2,293,673
E17	761,628
E23NP	2,379,284
E23P	8,361,850
FACSL	1,673,470
GC01	1,125,266
GC02	39,997
GC03	17,532
GC06	210,473
GC07	2,479,232
GC09	1,603,310
GC11	81,344
GC13	148,741
GC14	609,551
GC15	155,263
GC15A	2,296
GC16	1,405,494
GC17N	155,874
GC17P	609,865
GC19	207,596
GC20	32,939
GC21	1,284,339
GC22	123,059
GC23	124,991
GC24	1,832,656
GC25	2,403,243
GC27	1,818
GC28	551,159
GC30	390,976
GC31	1,360,623
GC32	19,107
GC33	108,515
GC34	613,474
GC35	394
GC38	166
GC43	186,457
GC45	240,323
GC46	20,077
GC47	21,027
GC48	887,494
GC49	189,171
GSDCP	705,524
GSDNP	573,182
LIR/LTC	56,987,481
FY2010	**611,578,775**

FY2011	
E01	269,133,849
E01A	5,916,665
E01C	3,301,673
E02	32,071,960
E02S	219,568
E03	10,191,385
E04	1,521,288
E04A	404,142
E05	5,208,729
E05A	5,888
E06	202,230,025
E07	7,847,683
E07S	284,730
E09NP	11
E09P	1,330
E10	188,547
E11	662,274
E13	246,131
E14	11,091,030
E15	3,218,057
E16NP	20,623
E16P	1,900,047
E17	752,936
E23NP	2,235,515
E23P	8,563,010
FACSL	1,646,682
GC01	414,841
GC02	16,141
GC03	8,912
GC06	83,149
GC07	927,774
GC09	784,337
GC11	33,284
GC13	44,813
GC14	623,027
GC15	148,304
GC15A	4,777
GC16	1,527,530
GC17N	157,834
GC17P	649,852
GC19	200,779
GC20	38,783
GC21	1,330,323
GC22	127,030
GC23	117,916
GC24	1,559,931
GC25	2,572,020
GC27	754
GC28	255,792
GC30	373,083
GC31	1,375,778
GC32	19,999
GC33	57,911
GC34	651,080
GC43	173,312
GC45	1,115,350
GC46	56,019
GC47	22,802
GC48	781,364
GC49	557,255
GC52	4,358
GSDCP	760,106
GSDNP	586,067
LIR/LTC	65,252,288
FY2011	**652,278,453**

FY2012	
COA Austin Energy	220,721
COA Other City Dept	5,297,691
COA Water & Wastewater	9,296,355
Gen Svc Demand	217,579,629
Gen Svc Non-Demand	33,254,137
Large Primary Service	75,338,441
Lrg Prim TOU	908,255
Primary Service	8,590,850
Residential Service	271,330,105
School Gen Svc Demand	194,238
School TOU	10,945,353
Security Lighting	1,626,396
Standby Capacity	651,250
Street & Traffic Lights	50,662
Streetlight/Traffic Svc	4,781,049
Transmission Service	750,051
FY2012	**640,815,185**

Base Revenue by Year and Rate Class

FY2013	
Gen Svc Demand	2,539,555
Large Primary Svc	69,459,240
Lighting Customer Charge	12,272
Lighting Energy Charge	131,039
Lighting Fixture Charge	2,395,401
Lrg Prim TOU	5,792,733
Primary Service	(204,214)
Primary Service 1 Customer Charge	277,980
Primary Service 1 Deliver Charge	1,575,761
Primary Service 1 Demand Charge	6,048,558
Primary Service 1 Energy Charge	2,533,750
Primary Service 2 Customer Charge	70,000
Primary Service 2 Deliver Charge	568,579
Primary Service 2 Demand Charge	1,720,620
Primary Service 2 Energy Charge	490,361
Residential Customer Charge	44,210,832
Residential Energy	217,601,104
Secondary Service1 Customer Charge	6,251,570
Secondary Service1 Demand Charge	6,140
Secondary Service1 Energy Charge	10,603,139
Secondary Service2 Customer Charge	3,924,393
Secondary Service2 Deliver Charge	12,715,129
Secondary Service2 Demand Charge	17,393,658
Secondary Service2 Energy Charge	19,139,199
Secondary Service3 Customer Charge	3,766,510
Secondary Service3 Deliver Charge	47,866,000
Secondary Service3 Demand Charge	76,299,368
Secondary Service3 Energy Charge	75,557,603
Standby Capacity	25,296
TES Primary Customer Charge	10,203
TES Primary Deand Charge	128,869
TES Primary Deliver Charge	48,401
TES Primary Energy Charge	17,171
TES Secondary Customer Charge	16,482
TES Secondary Deliver Charge	259,214
TES Secondary Demand Charge	193,603
TES Secondary Energy Charge	25,481
Transmission Service Customer Charge	97,500
Transmission Service Demand Charge	515,799
Transmission Service Energy Charge	692,632
FY2013	**630,776,926**

FY2014	
Gen Svc Demand	2,331,776
Gen Svc Non-Demand	3
Large Primary Svc	68,828,953
Lighting Customer Charge	13,215
Lighting Energy Charge	(1,899,662)
Lighting Fixture Charge	2,328,331
Lrg Prim TOU	7,057,180
Primary Service	53,762
Primary Service 1 Customer Charge	308,896
Primary Service 1 Deliver Charge	1,745,521
Primary Service 1 Demand Charge	6,368,615
Primary Service 1 Energy Charge	2,674,795
Primary Service 2 Customer Charge	120,000
Primary Service 2 Deliver Charge	899,697
Primary Service 2 Demand Charge	2,724,044
Primary Service 2 Energy Charge	1,378,618
Residential Customer Charge	42,412,889
Residential Energy	218,754,739
Secondary Service1 Customer Charge	6,377,759
Secondary Service1 Demand Charge	(2,473)
Secondary Service1 Energy Charge	29,060,019
Secondary Service2 Customer Charge	3,967,711
Secondary Service2 Deliver Charge	14,655,180
Secondary Service2 Demand Charge	20,145,033
Secondary Service2 Energy Charge	24,983,173
Secondary Service3 Customer Charge	3,760,541
Secondary Service3 Deliver Charge	43,201,538
Secondary Service3 Demand Charge	68,386,923
Secondary Service3 Energy Charge	64,760,262
Standby Capacity	743,215
TES Primary Customer Charge	7,652
TES Primary Deand Charge	96,298
TES Primary Deliver Charge	35,425
TES Primary Energy Charge	12,184
TES Secondary Customer Charge	15,452
TES Secondary Deliver Charge	248,813
TES Secondary Demand Charge	207,737
TES Secondary Energy Charge	19,150
Transmission Service Customer Charge	65,000
Transmission Service Demand Charge	468,148
Transmission Service Energy Charge	159,051
FY2014	**637,475,160**

NXP/Samsung 1-73. Please identify any issues associated with either system conditions or computer system changes that may have caused any estimates of tariffed service charges (including but not limited to late payment charges, and charges for service connection and reconnection, collection, and returned checks) that have been unusually high or low in any months of the test year or of the previous five years.

ANSWER:

There were no unusual system conditions or system issues that caused any estimate of tariff service charges or charges for service connections and reconnections, collection, or returned checks to be unusually high or low during the test year or the previous five years.

Prepared by: JJG
Sponsored by: Kerry Overton

NXP/Samsung 1-74. Please provide the amount of "margin" included in Austin Energy's TCOS most recent filing listed by General Fund Transfer, transfers to Reserves and Debt Services.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

Please see PUC Docket No. 42385 at the Public Utility Commission of Texas website. http://www.puc.texas.gov/

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-75. What is the basis for the allocation of customer contributions and advances to customer classes? Please provide supporting workpapers.

ANSWER:

Contribution in aid of construction ("CIAC") was directly assigned to the transmission and distribution functions as shown on WP B-11.4 of the RFP. Functionalized Transmission CIAC is not considered in the determination of retail rates. Distribution CIAC reduces Austin Energy's cash needs required to support distribution capital projects.

Distribution capital costs, and other associated costs, are allocated to all customer classes taking secondary and primary voltage service from Austin Energy, as shown in Schedule G-6 of the Rate Filing Package.

The balance of customer deposits is shown in WP B-11.3 of the RFP. The interest on customer deposits is shown on WP E-4 of the RFP.

The balance of customer deposits is part of rate base and is functionalized to Distribution.

Interest on customer deposits is an expense functionalized to Distribution and shown on line 18l on Schedule G-4 of the RFP. This expense is allocated to all customer classes taking secondary and primary voltage service from AE, as shown in Schedule G-6 of the RFP.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-76. Please provide excerpts from Austin Energy's design manuals or other engineering specifications regarding the calculation of loads and the diversity among loads assumed for installation and sizing of transformers.

ANSWER:

The following information is found in AE's Criteria Manual.

1.4.13 New Customer Demand Load Determination

The COA Electrical Inspection Section and AE will accept Customer load information calculated using the currently effective NEC for sizing Customer-installed and Customer – owned disconnects, breakers, fuses, and Customer-installed wiring and services installed on the Customer's side of the AE meter. Customer-installed service conductors that are ahead of the AE meter shall be sized in accordance with the currently effective NEC requirements. On the ESPA form submitted by Customer to AE, the demand load specified by the Customer shall be the total undiversified connected demand load for each equipment item or load category, such that AE can appropriately size the AE electrical service facilities.

In the Network Area the sum of the total maximum nameplate rating of service disconnects or circuit breaker shall be used for Customer load determination. Rating of the disconnect equipment shall be determined from the nameplate maximum ampacity rating, not the fuse/circuit breaker or relay setting. The maximum number of disconnects shall be in accordance with the currently effective NEC.

1.5.2.2

[10] For the purpose of sizing AE facilities, AE Design shall determine the maximum expected Customer demand load amps that will be seen by AE facilities from the Customer's total connected undiversified load information and business type as documented on the ESPA form. AE facilities will be sized by AE Design accordingly. The maximum demand load amp service available from AE is defined in Table 1.5.2.2.

Attachment 1 – AE Distribution Design Guidelines, Section 3.

Prepared by: DT
Sponsored by: Elaina Ball

3 CUSTOMER DEMAND LOAD AND REVENUE EVALUATIONS

3.1 Maximum Demand Load Capacities

This section provides a guide for the engineer or designer to facilitate the gathering and interpretation of information on the proposed project such as facility types, locations, sizes, ratings and other system and equipment parameters and to use this information to adequately size the AE facilities required to serve the customer's electrical demand and energy usage needs. This section establishes the methods to be used by the engineer or designer in estimating commercial, industrial, and residential customer electrical loads and revenues based upon electrical load demands of similar customers or on an analysis of customer's electrical load schedules.

Although this section presents reliable methods of predicting typical customer demands, the engineer/designer is also encouraged to utilize experience in handling unusual situations. Lead designers and engineers in AE Design, AE Standards, and other engineering groups are available to help in this regard. It is also advisable to require someone electrically knowledgeable about the project such as the customer's consulting electrical engineers or electrical contractors to fill out the Electric Service Planning Application (ESPA) form (see Figure 3.1 and **Error! Reference source not found.**). When completed properly, the ESPA form is an excellent tool to determine the customer's demand load.

3.1.1 Standard Service Voltages and Maximum Demand Capacities

The service voltage is the voltage at the point of interface between the utility and the customer. In the case of Austin Energy systems, it is generally the point of connection between Austin Energy - owned conductors (equipment) and customer-owned conductors [This is the Point of Service (POS)], also known as the *service point*. (See the DCM for service voltage availability.) AE's standard service voltages are given in Table 3.1.

Table 3.1 Available Standard Service Voltages and Maximum Demand Capacities

Nominal Service Voltage	Typical Load Served	Minimum / Maximum Demand kVA
Standard Overhead Service Voltages Available		
120/240 V, 1 Φ, 3W	Residential/Commercial, Street Light, Traffic Signals, Sign Boards	≤ 200 kVA
208Y/120 V, 3 Φ, 4W	Residential/Commercial	≥ 75 kVA, ≤ 600 kVA
240Δ/120 V, 3 Φ, 4W	Residential/Commercial	≥ 25 kVA ≤ Depends on 1 Φ & 3 Φ load.
480Y/277 V, 3 Φ, 4W	Commercial/Industrial	≥ 75 kVA, ≤ 600 kVA
7200 V, 1 Φ, 2W w/ 1/0 Raven/Raven	Single Φ Taps. Commercial	≤ 1,330 kVA
12.47/7.2 kV, 3 Φ, 4W w/ 1/0 Raven/Raven	3 Φ Taps, Commercial/Industrial	≤ 4,000 kVA
12.47/7.2 kV, 3 Φ, 4W w/ 795 Arbutus/4/0 Oxlip	3 Φ Feeders, Commercial/Industrial	≥ 4,000 kVA, ≤ 12,000 kVA
Standard Underground Service Voltages Available		
120/240 V, 1 Φ, 3W	Residential/Commercial, Street Light, Traffic Signals, Sign Boards	≤ 200 kVA
208Y/120 V, 3 Φ, 4W	Residential/Commercial	≥ 75 kVA, ≤ 850 kVA
240Δ/120 V, 3 Φ, 4W (secondary riser only)	Residential/Commercial	≥ 25 kVA, ≤ Depends on 1 Φ & 3 Φ load.
480Y/277 V, 3 Φ, 4W	Commercial/Industrial	≥ 100 kVA, ≤ 2,800
7200 V, 1 Φ, 1/0 XLPE concentric neutral	Single Φ taps and Single Φ loops	≤ 1,330 kVA
12.47/7.2 kV, 3 Φ, 1/0 AWG 1/3 neutral XLPE	3 Φ Risers, Commercial Facilities	≤ 4,000 kVA
12.47/7.2 kV, 3 Φ, 500 kcmil 1/3 neutral XLPE	3 Φ Feeders, Industrial Facilities	≥ 4,000 kVA, ≤ 6,000 kVA
12.47/7.2 kV, 3 Φ,1000 kcmil 1/3 neutral XLPE	3 Φ Feeders, Industrial Facilities	≥ 6,000 kVA, ≤ 8,000 kVA
12.47/7.2 kV, 3/1 conductor, 3 Φ, 1000 kcmil copper with 1/3 neutral	Substation risers	≥ 8,000 kVA, ≤ 12,000 kVA

Table 3.2 Common Service Voltages NOT Standard at AE

Nominal Service Voltage	Typical Load Served	Minimum / Maximum Demand kVA
Non Standard Service Voltages		
120/208 V, 1 Φ, 3W	Residential/Small Commercial	≦ 200 kVA
480 V, 1 Φ, 2W	Highway Lighting	≦ 200 kVA
480/240 V, 1 Φ, 3W	Lighting/Commercial	≦ 200 kVA
480 V Δ, 3 Φ, 3W	Commercial/Industrial	≥ 100 kVA, ≦ 2,800 kVA
2400 V Δ, 3 Φ, 3W	Commercial/Industrial	≥ 100 kVA, ≤ 2,800 kVA
4160Y/2400 V, 3 Φ, 4W	Commercial/Industrial	≥ 100 kVA, ≤ 2,800 kVA

The maximum kVA demands given for the standard primary voltage services reflect the maximum demands that can be served using the respective wire and cable sizes. The recommended maximum initial loading should be 20% less than these amounts to allow for load growth. (For example, the initial loading of a 1/0 Al primary voltage dip to a primary meter that has a maximum of 4,000 kVA should be limited to 80% of 4,000 kVA or 3,200 kVA.) 12,000 kVA is the largest demand load that can be served from the AE 12.5 kV distribution system using a single overhead feeder circuit.

The maximum demand kVA capacities given above for the standard secondary voltage services were determined using the maximum recommended initial loading of the largest standard AE transformer(s) that can be connected to the AE 12.5 kV (non-network) system using standard AE fusing. When larger kVA demand 1 Φ and 3 Φ secondary voltage capacities than given above are requested by a customer, there are several options. The use of non-standard service voltages requires management approval.

1. For higher than maximum kVA 1 Φ and 3 Φ service requests at voltages less than 480 1Φ or 480Y/277 3 Φ, the customer should be asked to take service at the next level. For example, change from 120/240 volts 1 Φ to 208Y/120 V, 3 Φ, 4W or from 208Y/120 V, 3 Φ, 4W to 480Y/277 V, 3 Φ, 4W. If the customer insists on the higher capacity at a lower voltage or higher than the maximum kVA for 480Y/277 V, 3 Φ, 4W, see options 2 and 3.

2. The second option is to provide the customer with an additional point(s) of 1 Φ or 3 Φ service or with split bus 3 Φ service. Split bus service is essentially two (or more) transformers with the same service voltage installed side by side at the same service location where the customer splits his load into two (or more) approximately equal but totally separate systems (split bus) and AE serves the separate buses with two (or more) transformers. Each transformer should be metered separately and the metering totalized so that the customer only gets one bill.

Caution: This style of service requires the customer to install and keep the two (or more) services completely separate within the building being served as required by the COA Electrical Inspection Section.

3. The third option is for the customer to take primary voltage service and provide his own transformers. With primary voltage service, the customer is required to provide fuses, a breaker, or other appropriately sized fault interrupting device at the primary meter location that can coordinate with the closest up line AE fault interrupting device and is able to separate the customer's system from AE in the event of a fault on the customer's system without causing the operation or degradation of the AE device.

The customer will normally be required to pay AE the total difference in cost between the standard AE service voltage and capacity levels and the service (option 2, option 3, or other) that the customer is requesting (if any).

3.2 Demand Load Terminology

The sum of the electrical ratings of each piece of equipment on any electrical system will give the total connected load. This is typically the load information provided by the customer in the ESPA form. But because most equipment operates at less than full load and some equipment operates intermittently, the resultant demand upon the AE power system is less than the total connected load.

For the AE engineer/designer's convenience, a few of the standard definitions as terms are used in this guideline for various aspects of electrical load, demand, and usage are listed in the following:

- **Total Connected Load –** This is the sum total of the customer's electrical load if all of the customer's electrical load equipment were turned on and operating at full load at the same time. This is the load level for which the customer must (according to the NEC) size his service entrance equipment and other electrical wiring.

- **Demand –** Demand is the magnitude of the electric load *actually* flowing in the system or used by the customer averaged over a specified interval of time. Demand is a measure of power magnitude, not total energy usage.

- Note: Metering demand is usually expressed in kilowatts (kW) and is the customer's peak demand registered by the AE meter. (Austin Energy uses 15-minute time intervals to determine maximum demand for metering purposes.)Electrical demand for design purposes is usually expressed in kilovolt-amperes (kVA) or in amperes (depending upon how the specific electrical facilities in question are rated) and is the actual maximum steady state demand load on AE facilities. Instantaneous peak demand for design purposes is usually expressed in kilovolt-amperes (kVA) or in amperes and is used to design for flicker and voltage dips experienced during motor starting and starting and operating of other devices whose load surge is short term and intermittent (such as welding equipment).

- **Maximum Demand –** In the context of this manual, maximum demand used for the design of AE electrical facilities should be the highest continuous kVA (or amperes) steady state demand that the AE cables, transformers, and other facilities will be subjected to during the planned life of the installation. (The maximum demand for metering purposes is measured in kW.)

- **Load Surges –** In addition to steady state demand considerations, load (current) surges resulting from such things as motor starts, arc-welders, etc. result in short term voltage dips (flicker) and other problems that must also be taken into consideration in the distribution design process.

- **Demand Factor –** The ratio of the estimated or actual maximum demand seen by AE facilities in kW to the customer's total connected load in kW. (*Demand Factor*)

- **Diversity Factor (residential) –** The ratio of the maximum estimated or actual demand seen by the AE transformer serving the residences in kVA divided by the sum total of the maximum estimated or actual demands in kVA of the individual residences. (*Diversity Factor*)

- **Coincidence Factor (commercial) –** The ratio of the maximum estimated or actual demand seen by the AE transformer serving these customers in kVA divided by the sum total of the individual maximum estimated or actual demands of the separate customer in kVA. *(Coincidence Factor*)

- **Load Factor –** The ratio of the annual average energy use per hour (kWh/hour) divided by the maximum estimated or actual demand load (kW) seen by AE metering. (*Load Factor*)

- **Power Factor –** The ratio of the real or true (estimated or actual) power flowing in the line (watts or kW) divided by the total apparent (estimated or actual) power flowing in the line (volt-amps or kVA). (*Power Factor*)

These factors provide information for the various customer loads and groups of customer loads that is useful in designing the system. For example, the sum of a customer's total connected load multiplied by the demand factor of these loads will give the maximum estimated demand that the AE facilities serving that customer must carry. The sum of the individual maximum residential house demands on the AE transformer serving these houses multiplied by the appropriate diversity factor will give the estimated maximum demand on the AE transformer. The sum of the individual maximum commercial customer demands on the AE transformer serving these customers multiplied by the appropriate coincidence factor will give the maximum demand on the AE transformer.

By the use of appropriate load and demand factors, as outlined, the maximum demands on service conductors, transformers, and other AE equipment from customer loads can be estimated. In order to ensure maximum utilization of the system load capacity, added customer loads should be evaluated to determine the maximum demands they place on AE facilities. While this section provides various guidelines to estimate this demand, the engineer/designer must also use experience

derived from similar jobs along with knowledge of the particular job in question in calculating the demand such as when to use historical billing information.

3.3 Customer Information Requirements

The designer must have the completed ESPA form and, if applicable, a building/electric permit number from the customer before the "serve new" design process can begin. The Electric Service Planning Application forms are used to gather the necessary customer, service voltage, electrical load requirements, special service requirements, and property location information from the customer.

ESPA approvals for 'service only' residential and small commercial services (no infrastructure construction required) can be obtained at the One Stop Shop or by meeting the AE Spots & Conduit representative at the job site. The regular ESPA form can also be obtained at the One-Stop-Shop or from AE Design and must be submitted to AE Design for approval and for design and construction.

Figure 3.1 – ESPA

Austin Energy

Electric Service Planning Application (ESPA)

Please refer to the appropriate table in the current Austin Energy Criteria Manual for available electric service. The purpose of this form is for planning and permitting and does not constitute a design. A design request can be made by resubmitting an approved copy of this form.

Service Center

Location for customer to return the ESPA. Please check one.

A map of service locations can be found at http://www.austinenergy.com/go/designContacts.

All Services under 350 A 1 phase or 225 A 3 phase excluding services in Network area	All Services over 350 A 1 phase or 225 A 3 phase (**ALL** Network Service requests should be sent to South Service Center)	
☐ One Stop Shop 505 Barton Springs Austin, TX 78701 (512) 974-2632 Fax: (512) 974-9779	☐ North: Kramer Service Center 2412 Kramer Lane Bldg C Austin, TX 78758 (512) 505-7206 Fax: (512) 505-7208	☐ South: St. Elmo Service Center 4411-B Meinardus Dr Austin, TX 78744 (512) 505-7500 Fax: (512) 505-7742 ☐ Network Service Request (check if applicable)

Customer & Project General Information

Customer Contact: Name: _____ Phone: _____

Email: _____ Fax: _____

Title (Check One): ☐ Electrical Engineer ☐ Electrical Contractor ☐ Other _____

Signature: _____ Date: _____

Project Information:

Project Name: _____

Project Address: _____

_____

Nearest Intersection: _____

Project Type: ☐ New Construction ☐ Remodel ☐ Dual Feed

Estimated Service Need Date: _____

Service Duration: ☐ Permanent Service ☐ Construction Power/Temporary Service (usually less than 24 months)

Project Electrical Information

Type of Service Requested:	*Service Voltage Requested:*	*Total Service Size:*
☐ Overhead ☐ Secondary Riser ☐ Underground ☐ Other	☐ 120/240 V, 1ϕ 3 Wires ☐ 480/277 V, 3ϕ 4 Wires ☐ 208/120 V, 3ϕ 4 Wires ☐ Other _____ ☐ 240/120 V, 3ϕ 4 Wires (Overhead or secondary riser ONLY)	☐ 100 Amps ☐ 1200 Amps ☐ 200 Amps ☐ 1600 Amps ☐ 400 Amps ☐ 2000 Amps ☐ 800 Amps ☐ Other_____

Additional Service & Electrical Load Information:

Conductor Type, Quantity, & Size: _____

Number of Meters: _____ Number of Existing Meters (for remodels): _____

Service Length: _____

Building Type/Use (Residential, Warehouse, Restaurant, Retail, Office, Mixed Use, etc.):

_____

Fuel Type: ☐ All Electric ☐ Gas & Electric

FT^2/Unit: _____

Units: _____

Total FT^2: _____

Distributed Generation:

☐ Yes System Size: _____ kW System Type: _____ (Solar, Wind, etc.)

Application expires 180 days after date of approval. Any changes to the above information require a new ESPA.

For internal use only

☐ Design Required ☐ Service Only

AE Rep: _____

Phone: _____ Date: _____ Approved: ☐ Yes ☐ No

Elec. Permit #: _____

Comments:

Verification Stamp

v 1.0.1

3.4 Residential Electrical Demand Estimation

Accuracy in estimating demand comes from studying the job, not by using the section guidelines as the sole criteria. The engineer/designer must identify such factors as customer business hours, actual size and type of the customer's equipment, duty of the equipment when the load is on, and the intended use of the equipment, especially regarding air conditioning load. The engineer/designer should meet with the electricians, electrical contractors, consulting engineers, plant managers, etc. representing the customers for whom the service is to be provided to gather and verify this information. The engineer/designer should also look at the demand requirements by studying electric consumption history of similar loads.

3.4.1 Residential Service Demands

The engineer/designer should use the appropriate method to estimate the demand for residential services, which includes condominiums and apartments. The majority of the single and multifamily residential loads will be determined by the kVA demand per square footage of living space tables from Table 3.3 to Table 3.6 included in this Section. These tables provide a quick, easy design approach to select the appropriate transformer size based on the number of homes and the average square footage of the homes to be served. Transformer sizing guidelines for residential distribution are also included in this section.

Maximum Demands for Residential Services. Table 3.3 through Table 3.6 list maximum kVA demands for groups of single and multiple residential dwelling units. These tables give the average peak demand for single and multifamily dwelling units for different square footage ranges. The maximum kVA demands shown in Table 3.3 through Table 3.6 for any group of dwellings should be used to size distribution equipment such as distribution transformers and secondary and service cables.

IMPORTANT: Each part of the secondary side service (the service, the secondary, and the transformer) should be sized separately for the specific maximum demand that it will see, i.e., maximum demand for the service for one residence will be different from the maximum demand for the secondary serving two residences, and these will differ still from the maximum demand for the transformer serving eight residences because of load diversification.

EXAMPLE

Let's consider a transformer that serves eight 3,000 ft^2 residences, with two secondary runs serving two 3,000 ft^2 residences' services each, and four services from the transformer directly to the residences. All the 3,000 ft^2 residences are mixed fuel. The maximum demand kVAs used to size the three parts of the service/secondary/transformer are as follows and can be read directly from Table 3.3

The transformer will see eight residences or 79 kVA.

Each secondary run will see two residences or 22 kVA (or 92 amps at 120/240 volts).

Each service will see one residence or 12 kVA (or 50 amps at 120/240 volts).

Table 3.3 Maximum kVA Demands for Single Family Residences with Gas Service

# of Homes	Average Square Footage of Homes with Gas Service								
	≤1000	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000
1	6	7	8	10	12	14	18	22	26
2	11	13	15	18	22	26	33	39	48
3	16	19	22	26	32	37	48	57	68
4	21	25	29	34	42	49	61	75	88
5	26	30	35	42	52	71	75	93	108
6	30	35	41	49	61	82	91	111	NA
7	35	41	48	56	70	93	106	NA	NA
8	40	46	55	64	79	105	NA	NA	NA
9	45	52	61	72	89	NA	NA	NA	NA
10	50	58	68	80	99	NA	NA	NA	NA

*Single Family Residence with Gas Service for hot water heater, heating furnace, and cooking range

Table 3.4 Maximum kVA Demands for Single Family Residence with All-Electric Service

# of Homes	Average Square Footage of All-Electric Homes								
	≤1000	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000
1	12	14	16	19	23	28	32	36	40
2	21	24	29	33	41	48	55	58	70
3	30	34	42	48	57	66	74	76	83
4	39	44	55	63	72	82	93	96	106
5	48	54	68	78	84	98	111	116	NA
6	56	63	81	93	98	112	NA	NA	NA
7	64	72	92	102	108	NA	NA	NA	NA
8	72	81	105	118	NA	NA	NA	NA	NA
9	81	91	NA	NA	NA	NA	NA	NA	NA
10	90	101	NA	NA	NA	NA	NA	NA	NA

Table 3.5 Maximum kVA Demands for Multifamily Residence with Gas Service

With Gas*	Average Square Footage of the Units					
# of Units	≤ 500	501-1000	1001-1250	1251-1500	1501-1800	1801-2000
1	3	5	7	9	12	13
2	7	9	11	17	21	25
3	8	12	15	22	27	37
4	11	15	19	27	34	47
5	12	18	24	32	38	55
6	14	21	27	37	46	63
7	15	24	30	42	52	70
8	17	27	33	48	58	77
9	18	30	36	53	64	83
10	20	33	39	59	70	90
11	22	36	44	64	76	97
12	24	39	47	70	82	104
13	26	42	51	75	88	111
14	28	45	55	81	94	118
15	30	48	59	86	100	125
16	32	51	62	92	106	132
17	34	54	66	97	112	139
18	36	57	70	103	119	146
19	38	60	74	109	126	153
20	40	63	78	114	134	160
21	42	66	82	120	143	167
22	44	69	86	125	149	174
23	46	72	90	131	156	181
24	48	75	94	137	162	NA
25	50	78	99	142	169	NA
26	51	81	103	148	175	NA
27	53	84	108	152	182	NA
28	55	87	112	157	NA	NA
29	57	90	117	163	NA	NA
30	59	93	121	169	NA	NA

*Multifamily Residence with Gas Service for hot water heater, heating furnace, and cooking range

Table 3.6 Maximum kVA Demands for Multifamily Residence with All-Electric Service

# of Units	Average Square Footage of the All-Electric Units					
	≤500	501-1000	1001-1250	1251-1500	1501-1800	1801-2000
1	4	11	13	14	15	16
2	9	18	21	23	26	28
3	11	25	28	31	36	39
4	14	30	33	37	45	51
5	15	35	38	43	52	60
6	18	39	43	52	59	68
7	20	43	48	57	66	75
8	23	47	52	62	72	82
9	24	51	56	67	78	88
10	26	54	60	72	84	94
11	29	58	64	77	90	101
12	32	62	69	82	96	107
13	34	65	74	87	102	113
14	37	69	78	92	108	120
15	40	72	82	97	114	126
16	42	75	86	102	120	134
17	45	79	91	106	126	141
18	48	83	95	110	132	147
19	50	86	99	115	138	153
20	53	89	103	119	145	159
21	55	92	108	124	151	163
22	58	96	112	129	157	170
23	61	99	117	133	163	176
24	63	102	121	138	169	182
25	66	106	125	143	175	NA
26	69	109	129	148	181	NA
27	71	113	133	153	NA	NA
28	74	117	137	158	NA	NA
29	77	121	141	163	NA	NA
30	79	123	145	168	NA	NA

3.4.2 Demand Factors for Large Residential Loads

In the case of large custom homes, the demand can be determined from loads and factors in Table 3.7. These demand factors and connected loads (kW) shall be used in calculating service demands and in determining transformer requirements and service requirements for a single large custom home served from a single transformer - See Residential Demand Method 1. See Residential Demand Method 2 for extrapolated square footage method and Residential Demand Method 3 for diversifying several large services from a single transformer.

Table 3.7 Demand Factors for Various Residential Loads in Custom Single Family Homes (>5,000 ft^2)

Demand Categories	Typical Demand Factor	Connected Appliance	Connected kW Per Unit
Lights	0.5	Internal lighting	4-6
TV's, PCs, etc.	0.5	Electronic equipment	3-6
Air conditioning (or heat pump)*	0.7	3 to 7-1/2 ton 1Φ Central Unit, single or multiple units	1.3 kW/ton
Major appliances	0.4	Range (use actual unit load)	8-12 ea.
		Water heater	4.5 ea.
		Water heater (quick recovery)	9 ea.
		Clothes dryer	5.5 ea.
		Dishwasher	1.2 ea.
Exterior loads (use actual connected load)	0.5	Tennis court lighting	varies
		Swimming pool equipment	varies
		Exterior lighting	varies
Convenient outlets	0.1	Undesignated use outlets	varies
Other Loads	0.3	Wine cellar, Sauna, Small motor load, and other	varies

*See Section 3.4.4 for all-electric homes; use the total kW for the electric heat instead of a/c to determine the maximum demand.

The demand for custom homes above 5,000 ft^2 can be calculated using Table 3.7 as follows:

Total Customer kW Demand = connected load$_1$ x demand factor$_1$ (lights)

+ connected load$_2$ x demand factor$_2$ (electronic equipment)
+ connected load$_3$ x demand factor$_3$ (a/c)
+ connected load$_4$ x demand factor$_4$ (range)
+ connected load$_5$ x demand factor$_5$ (tennis courts, pool)
+ connected load$_6$ x demand factor$_6$ (undesignated use outlets)
+ connected load$_7$ x demand factor$_7$ (other)

Connected load is the total connected load in kW for each appliance category shown in the ESPA and the builder's plans. Typical kW demand factors are shown in Table 3.7.

(Demand factor is the ratio of peak kW demand to the total connected kW load.)

Residential Demand Method 1- Estimating Residential Demand Using Customer Plans and Operational Needs

The following provides an example of estimating the demand for a 7,000 ft^2 multi-fuel residence plus swimming pool using the information provided in Table 3.7 and the following load schedule:

Load Schedule Category	Connected Load (kW)
Lighting	6.5 kW
Electronic	6.5 kW
Air conditioning	15.0 kW
Major Appliances	38.0 kW
Exterior	6.0 kW
Outlets	15.0 kW
Other	15.0 kW

The above figures are provided with or can be determined from the ESPA and building plans provided by the customer's consulting engineer (not shown).

Customer metering demand (kW) = Sum of connected load x demand factor (from Table 3.7) for each type of load

Category	Load (kW)	Diversity Factor	DF x Connected kW		Estimated Metering kW
Lighting	6.5	50%	0.5 x 6.5 kW	=	3.25 kW
Electronic	6.5	50%	0.5 x 6.5 kW	=	3.25 kW
Air Conditioning	15.0	70%	0.7 x 15.0 kW	=	10.5 kW
Major Appliances	38.0	40%	0.4 x 38.0 kW	=	15.2 kW
Exterior	6.0	50%	0.5 x 6.0 kW	=	3.0 kW
Outlets	15.0	10%	0.1 x 15 kW	=	1.5 kW
Other	15.0	30%	0.3 x 15 kW	=	4.5 kW
			Total customer kW or metering demand	=	41.2 kW

Customer load demand (kVA) = total metering demand (kW)/ Power Factor*

(* *Use PF = 0.9 for residential)*

$$= \frac{41.2\ \text{kW}}{.9} = 45.78\ \text{kVA}$$

If this customer is the only customer connected to the transformer, 45.78 kVA is the maximum demand seen by both the service and the transformer.

Residential Demand Method 2 - Estimating Residential Demand for a Large Home Using Square Footage

When determining the expected demand for homes above 5,000 ft^2 (but less than 10,000 ft^2) that are a part of a subdivision of similar very large homes where the developer does not have available the builders' exact plans at the time the AE infrastructure is installed, the designer should extrapolate the demand load given for 5,000 ft^2 houses in Table 3.3 and Table 3.4 to determine the expected demand *plus* allow for (Residential Demand Method 1) extra large/untypical residential loads.

The following provides an example of estimating the demand for a new 7,000 ft^2. multi-fuel residence using average demand per square foot for smaller homes given in Table 3.3.

For a multiple-fuel home of 7,000 ft^2, use Table 3.3 with Residential Demand Method 1 as follows:

The demand for a home of 7,000 ft^2 =

$$(1)\text{kVa demand for a } 5{,}000\ \text{ft}^2 \text{ home from table} \times \frac{7{,}000\ \text{ft}^2}{5{,}000\ \text{ft}^2} +$$

(2) Extra large/Untypical using Residential Demand Method

(1) $\text{Sq. Ft. Demand for home} = 26\ \text{kVA} \times \frac{7000}{5000} = 26 \times 1.4 = 36.4\ \text{kVA}$

(2) $\text{Extra large/Untypical} = (6\ \text{kW Ext. Light} \times .5\ \text{DF}) + (15\ \text{kW Other} \times .3\ \text{DF})$

$= 3 + 4.5 = 7.5\ \text{kW or } 8.3\ \text{kVA for PF} = .9$

Total demand for this home of 7,000 ft^2 = 34.6 kVA + 8.3 kVA = 44.7 kVA

44.7 kVA is seen by both the service and the transformer.

Residential Demand Method 3 - Estimating Diversified Residential Demand for Several Large Homes

The following provides an example of estimating the diversified demand for four new 7,000 ft^2. multi-fuel residences served from a single phase transformer by determining a diversification factor using the demand information for 5,000 ft^2. homes from Table 3.3 and applying this factor to the larger homes of less than 10,000 ft^2 as follows in (1) and (2):

(1) The diversification factor for four homes larger than 5,000 ft²

$$= \frac{\text{kVA demand for 4 - 5,000 ft}^2\text{ houses}}{4 \times \text{kVA demand for 1 - 5,000 ft}^2\text{house}}$$

$$= \frac{88\,\text{kVA}}{4 \times 26\,\text{kVA}} = \frac{88}{104} = .846$$

(**2**) **Determining the diversified demand for four 7,000 sq. ft. homes using this factor.**

If four homes of 7,000 ft² are to be served directly from the same transformer, use diversified demand factor determined in (1) times the kVA demand for one 7,000 ft². home (from either Residential Demand Method 1 or Residential Demand Method 2) times four (for the 4 houses being served) to determine the diversified demand as follows:

Total diversified demand for 4-7,000 ft² Homes (using the results of Residential Demand Method 1)

$$= 45.78\,\text{kVA} \times 4 \times \text{ Diversification factor } = 45.78\text{kVA} \times 4 \times .846 = 154.92\text{kVA}$$

3.4.3 Residential 1-Phase Transformer Loading

Once the total customer demand is determined, select the transformer size from Table 3.8 or Table 3.9.

Table 3.8 Recommended Loading Ranges for 120/240 V 1Φ Padmount Transformers

Transformer kVA Nameplate Rating	Initial kVA Loading Range	Change-out kVA Loading Point
25	0-30	35
50	31-60	70
75	61-90	100
100	91-120	135
167	121-200	225
250*	201-300*	335**

*Use only for change-outs of overloaded 167 kVA single-phase transformers and only IF fuse coordination can be maintained.

**Change out option: NONE. Have customer split his load and take another point of service.

Table 3.9 Recommended Loading Ranges for 120/240 V, 1 Φ Overhead Transformers

Transformer kVA Nameplate Rating	Initial kVA Loading Range	Change-out kVA Loading Point
10	0-13	16
15	14-20	23
25	21-32	38
50	33-65	75
75	66-92	105
100	93-125	140
167	126-210	233*

*Change out option: NONE. Have customer split his load and take another point of service.

3.4.4 Residential Air Conditioning

(Loading @ 95 °F and PF = 0.90)

Table 3.10 provides typical kVA demands for various sizes of residential air conditioning units.

Table 3.10 Residential 1 Φ Central Air Conditioning Equipment Demand Load Data

Tons	BTU Rating	kVA Demand
0.5*	6,000	1.0
0.75*	9,000	1.6
1.0*	12,000	2.2
1.5*	18,000	3.0
2.0	24,000	2.9
2.5	30,000	3.5
3.0	36,000	4.2
3.5	42,000	5.0
4.0	48,000	5.9
5.0	60,000	6.9
7.5	90,000	8.9

* Room Air Conditioners

3.5 Residential Revenue Estimation

Part of the design process is to estimate the revenue AE would receive from a particular residential customer or development in order to determine if the revenue to AE is sufficient to allow the construction of the necessary service facilities at no cost to the customer or if the customer should

make a contribution toward the cost of these AE facilities. The methods for estimating the expected annual revenue AE will receive from a new customer (or from added load) are similar to the four basic approaches to calculating electric demand developed in Section 3.4 with the application of the appropriate factors given in Table 3.11 and the appropriate AE electric rate.

3.5.1 Electric Rates

See Table 3.23 for more information on The City of Austin Electric Rate Schedule. Any additional questions regarding electric rate may be obtained by checking the Austin Energy web page at www.austinenergy.com and following the links Customer Care, Billing, and Rates to Rate Summary. The residential portion of the rate schedule is included here for convenience.

Customer Classification	Minimum Bill	Energy Rates	*Monthly Adjustment Clause (MAC)*[2]
Residential (E01)	$6.00[1]	0 - 500 kWh: $0.0355/kWh Above 500 kWh @ Summer: $0.0782/kWh Above 500 kWh @ Winter: $0.0602/kWh	all kWh $0.01248/kWh

1. Customer charge for service of at least 10 days.
2. Monthly adjustment clause is calculated as per the rate ordinance formula. The monthly rate is published on each monthly bill.

3.5.2 Typical Residential Energy (kWh) Usage

The following chart provides the engineer/designer with a guideline for estimating the annual energy usage (kWh) for various types and sizes of residential dwellings based on square feet of air conditioned space.

Table 3.11 Annual kWh Usage for Residential Per Square Foot

Single-Family	<1000	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501-5000
All Electric	12.0	11.5	11.2	10.8	10.2	10.0	9.4	9.2	8.8
Multi Fuel	9.8	9.5	9.2	8.9	8.5	8.3	8.0	7.8	7.4

Multi-Family	<500	501-1000	1001-1250	1251-1500	1501-1750	1751-2000
All Electric	13.0	11.7	11.2	10.5	10.0	9.7
Multi Fuel	10.9	9.5	9.2	8.5	8.2	7.8

Residential Revenue Method 1 - Estimating Residential Revenue Using Table 3.11

The following is an example of estimating the revenue for a new 3,500 sq. ft. all-electric residence using the estimated annual kWh usage by the sq. ft. method and applying AE Residential Rate E01.

Application of Rate E01 requires dividing the annual kWh usage into 12 (months) and applying the base ($0.0355/kWh for 0-500 kWhs per month), the summer ($0.0782/kWh for all over 500 kWhs per summer month), and the winter ($0.0602/kWh for all over 500 kWhs per winter month).

Step 1. Estimate Monthly kWh Usage

$$= \frac{(\text{Sq. Ft.}) \times (\text{kWh per sq. ft. per year})}{12 \text{ months}}$$

$$\text{Monthly kWh Usage} = 3500 \text{ ft}^2 \times 10 \text{ kWh per ft}^2 \text{ per year} \Big/ 12 \text{ months}$$

$$= 35000/12 = 2917 \text{ kWh per month}$$

Step 2. Estimate Annual Energy Revenue

$$\text{Annual Base Revenue} = \$.0355/\text{kWh} \times 500 \text{ kWh} \times 12 \text{ months} = \$213.00$$

$$\text{Annual Summer Rate Revenue} = \$.0782/\text{kWh} \times 2417 \text{ kWh} \times 6 \text{ months} = \$1134.05$$

$$\text{Annual Winter Rate Revenue} = \$.0602/\text{kWh} \times 2417 \text{ kWh} \times 6 \text{ months} = \$873.02$$

Total Annual Revenue $= \$213.00 + \$1134.05 + \$873.02 = \$2220.07 / \text{year}$*

* Does not include the $/kWh fuel adjustment cost.

Residential Revenue Method 2 - Estimating Residential Revenue for >5,000 Sq. Ft. Using Table 3.12

The following is an example of estimating the revenue for a new 7,000 sq. ft. multi-fuel residence using the demand and residential Load Factors to determine the annual kWh usage, and then applying AE Residential Rate E01. Use the demand of 45.78 kVA calculated using Residential Demand Method 1 (the connected load and demand factor method) in Section 3.4.2 for a 7,000 sq. ft. multi-fuel house. So again assuming that the PF = 0.9, we need to determine the residential Load Factors for large homes in order to estimate revenue. (The application of Rate E01 requires dividing the annual kWh usage into 12 (months) and applying the base ($0.0355/kWh for 0-500 kWhs per month) for 12 months, the summer rate ($0.0782/kWh for all over 500 kWhs per summer month) for 6 months, and the winter rate ($0.0602/kWh for all over 500 kWhs per winter month) for 6 months.)

The residential Load Factors can be determined as follows, but note that these may vary considerably depending on how the residence is used. For example, a lake house or guest house will have a considerably lower LF than will a house that is fully and regularly occupied. And larger residences typically have lower LF values than smaller residences. The following large residential home load factors by square footage assume normal occupancy and usage in Table 3.12.

$$\text{Load Factor} = \frac{\text{kWh/hour/ft}^2}{\text{kW/ft}^2} = \frac{\text{kWh/hour}}{\text{kW}}$$

Table 3.12 Load Factors for Large Residential Homes by Square Footage

Single-Family	5000	6000	7000	8000	>8000
All Electric	0.142	0.130	0.125	0.105	0.095
Multi Fuel	0.183	0.157	0.135	0.120	0.110

Step 1. Use the load factor information in Table 3.12 which gives the kWh's per hour per kW of demand multiplied times the customer demand in kW (41.2 kW determined in Method 1 in Section 3.4.2) to determine the customer's monthly kWh usage.

Customer Energy Usage (kWh) Calculation:

$$= \text{kWh usage per hour} = \text{kW demand} \times \text{Load Factor}$$

Energy Usage per hour
$$= 41.2 \text{ kW} \times .125 \text{ kWh per hour per kW for } 7000 \text{ ft}^2$$
$$= 5.15 \text{ kWh per hour}$$

Energy Usage per Day
$$= 5.15 \text{ kWh per hour} \times 24 \text{ hours per day}$$
$$= 123.6 \text{ kWh per day}$$

Energy Usage per Month
$$= 123.6 \text{ kWh per day} \times 30 \text{ days}$$
$$= 3708 \text{ kWh per month}$$

Step 2. Estimate Annual Energy Revenue by applying the E01 Residential Rate to the estimated monthly kWh usage and adjusting for annual usage.

Annual *Base Revenue*
$$= \$0.0355/\text{kWh} \times 500 \text{ kWh} \times 12 \text{ months}$$
$$= \$213.00$$

Annual *Summer Rate Revenue*
$$= \$0.0782/\text{kWh} \times 3208 \text{ kWh} \times 6 \text{ months}$$
$$= \$1505.19$$

Annual *Winter Rate Revenue*
$$= \$0.0602/\text{kWh} \times 3208 \text{ kWh} \times 6 \text{ months}$$
$$= \$1158.73$$

Total Annual Revenue
$$= \$213.00 + \$1505.19 + \$1158.73 = \$2876.92/\text{year} **$$

** Does not include the $/kWh fuel adjustment cost.

3.6 Commercial Electrical Demand Estimation

3.6.1 Commercial Building Type and Load Characteristics

One method of estimating kVA demand for a new commercial or industrial customer is to study the electric consumption patterns of buildings with similar occupancy types. Table 3.13 lists building types and descriptions that can be used to predict unit demand loads for new customers or added loads. The table also gives typical load characteristics categorized by the type of building occupancy. The data is derived from regions with climate conditions similar to Austin.

Table 3.13 Commercial Building/Occupancy Type—Demand Per Square Foot

Bldg Type No.	Building Type	Building Description	Power Factor (%)	Load Factor (%)	$\frac{Volt-Amps}{ft^2}$
COMMERCIAL					
1	Large Office (>30K ft^2)	Depository institutions, insurance carriers/agents, real estate, business services, medical clinics/offices, legal services, social services, business/labor/political organizations, courts	85	42	6.9
2	Small Office (<30K ft^2)	Same as above	86	34	9.1
3	Restaurant - Fast Food (<4K ft^2)	Eating and drinking places	88	44	32.0
4	Restaurant - Sit Down (>4K ft^2)	Same as above	87	49	25.0
5	Large Retail (>30K ft^2)	Building materials and garden supplies, department stores, auto dealers, clothing stores, furniture/appliance/home furnishing stores, misc. retail (drug, sporting goods, bicycle, stationery, gift)	89	45	7.5
6	Small Retail (<30K ft^2)	Same as above	90	37	12.3
7	Large Food Stores (>30K ft^2)	Grocery, dairy products, fruit and vegetable, meat and fish, retail bakeries, liquor stores	89	79	13.1
8	Small Food Stores (<30K ft^2)	Same as above, i.e., “7-11," "Circle K"	88	58	20.6
9	Refrigerated Warehouse	Refrigerated warehousing and storage, packaged frozen foods, dairy products, poultry products, fish and seafood, meats and meat products, fresh fruits and vegetables	79	54	17.8
10	Non refrigerated with AC Warehouse	Local trucking with storage, public warehousing and storage, wholesale trade - durable goods (motor vehicles/parts/supplies, tires, furniture, lumber, hardware)	83	34	7.5
10a	Non refrigerated, Non-AC Warehouse	Same as above	85	28	1.0
11	Elementary and Secondary Schools	Elementary and secondary schools, day care services	79	25	17.5
12	Colleges and Universities	Colleges and universities, vocational schools, schools and educational services	84	35	9.0
13	Hospitals	Hospitals (surgical/general/psychiatric), nursing and personal care facilities	85	55	14.5

Bldg Type No.	Building Type	Building Description	Power Factor (%)	Load Factor (%)	$\frac{Volt-Amps}{ft^2}$
14	Health Clinics	Medical and dental laboratories, outpatient clinics	85	45	12.8
15	Hotels and Motels	Hotels and motels	86	45	7.6
16	Auto Repair Shops	Auto body, glass, exhaust, paint, tire, transmission, and repair services	81	28	11.5
17	Miscellaneous Repair	Electrical appliance repair (radio, television, refrigerator), reupholster, watch and clock	80	30	14.3
18	Movie Theaters	Indoor movie theaters	93	37	16.1
19	Bowling Alleys	Bowling alleys	83	45	10.4
20	U.S. Post Offices	U.S. Postal Service	82	47	8.4
INDUSTRIAL					
21	Light Manufacturing	Fabrication, light manufacturing, non assembly line, product distribution, machine shops	85	40	7.0
22	Heavy Manufacturing	Assembly line, electronic equipment manufacturing	85	40	9.0
23	Equipment Testing	Personal computer testing, quality assurance, testing laboratories	TBD	TBD	TBD
24	Apparel Manufacturing	Clothes, hats, belts, fur, leather, curtains	82	31	6.0
25	Furniture Manufacturing	Wood and metal household and office furniture, mattresses and bedsprings, wood TV cabinets	77	33	8.4
26	Paper Products	Containers, boxes, can, drums, bags, stationery	75	46	7.5
27	Printing/Publishing	Newspapers, periodicals, books, greeting cards, typesetting	81	31	9.1
28	Plastic Products	Plastic films and sheets, laminated, profile shapes, pipe, bottles, foam, plumbing fixtures	85	46	11.4
29	Metal Fabrication	Cans, shipping containers, barrels, hardware, doors, sheet metal, screws, bolts, nuts, washers, stampings, forgings, springs	77	37	9.4
30	Telephone Communication Center	Telephone communications and switching center	85	61	11.4

Volt-amps/ft^2 = 0.001 x kVA/ft^2 (Example: 10.0 Volt-amps/ft^2 = 0.010 kVA/ft^2)

Watts/ft^2 = (Volt-amps/ft^2) x Power Factor

Watts/ft^2 = 0.001 kW/ft^2 (Example: 10 Watts/ft^2 = 0.010 kW/ft^2)

If no occupancy type is indicated or known by the customer, the designer should assume that the demand load will be at least 7.5 watts/ft^2 and recommend that the customer wire out for a connected load of 15 volt-amps/ft^2. for multiple-fuel buildings and 20 volt-amps/ft^2 for total electric buildings. (See Section 3.6.4)

3.6.2 Demand Factors for Industrial Loads

Demands and diversities of industrial loads vary widely depending on the type of process and business operation. A full understanding of the load and the related process equipment must be supplied by the customer on the ESPA form prior to any attempt in calculating demands.

Typically several meetings are needed with the customer's representatives, engineering consultants, and facility engineers and managers in order to gain a sufficient and detailed understanding of the process and operational needs of the customer to accurately estimate the customer's load.

3.6.2.1 Demand Factors for Industrial Loads

Table 3.14 provides a general guideline to help estimate demands for some common industrial equipment. These guidelines are provided here only as a reference. The designer/engineer should perform a detailed study and evaluate each project on a case-by-case basis. With industrial customers, it is particularly important to determine the types and times of operation, in order to determine the customer's load factor.

In order to properly apply the demand factors of Table 3.14, it is essential that the connected load information provided in the customer's load schedule be properly broken down into the categories listed. The designer should solicit the assistance of the customer's consulting electrical engineer in reading and interpreting single line diagrams and panel schedules if necessary.

Table 3.14 Demand Factor for Various Industrial Loads

Type of Load/Equipment	Typical Demand Factor	Remarks
General Lighting	0.8	Lower demand factor may be applied depending on the lighting application
General Receptacles	0.1	For PC & Electronics, use DF =.5
Air Conditioning	0.8 - 1.0	1.25 kW/ton under 10 ton; 1.0 kW/ton 10 and over
Air Handling Equipment	0.9	Vents, exhaust fans
Process Chiller	1.0	
General Power	0.3	Major Appliances, use DF=.4
Cooking	0.3	
Refrigeration	0.5	
Air Compressors	0.2 - 0.5	Demand depends on use. If used intermittently, i.e., gas station, consider load when checking the voltage drop.
Water Heaters	0.5	
Overhead Crane	0.3	
Elevators	N/A	Most elevator loads are non demand load. (Do not operate consecutively for more than 15 minutes.)
Escalators	0.6	

3.6.2.2 Demand Estimation for Industrial Loads

The best approach to estimating the demands of industrial loads is to break down the loads into similar categories and apply the demand factors listed in Table 3.14 to each category. (See Commercial Demand Method 2 in Section 3.6.4) The summation of the individual category demands will be a rough estimate of the total demands. Again, a thorough understanding of the customer's loads and operations is essential for proper design.

3.6.3 Demand Factors for Commercial Loads

Commercial load demands have higher predictability than industrial loads due to similarity in load behaviors and consistent application usage pattern. Table 3.15 lists some of the frequently encountered loads/equipment and their demand factors for commercial applications.

In order to properly apply the demand factors of Table 3.15, it is essential that the connected load information included in the customer's load schedule provided with the ESPA form be properly broken down into the categories listed. The designer should solicit the assistance of the customer's consulting electrical engineer in reading and interpreting single line diagrams and panel schedules if necessary.

Table 3.15 Demand Factors for Various Commercial Loads

Type of Load/Equipment	Typical Demand Factor	Remarks
General Lighting*	0.8	Lower or higher demand factor may be applied depending on the application and the time the lights are actually on.
General Receptacles	0.1	
Air Conditioning	0.8 - 1.0**	1.25 kW/ton < 10 ton; 1.0 kW/ton ≥ 10 ton
General Power	0.3	
Laundry	0.5 - 0.8	
Cooking	0.3 - 0.5	
Refrigeration	0.5	
Air Compressors	0.2 - 0.5	
Water Heaters	0.2	
Elevators	N/A	Most elevator loads are non demand load. (Do not operate consecutively for more than 15 minutes.)
Escalators	0.6	
Motors	0.3 - 0.5	Use the largest motor plus one-half the remaining motor loads; calculate the voltage drop at startup.

* To estimate lighting load, if not provided by the customer, multiply the total square footage by 3 watts per sq. ft.

** 1.0 for a single unit; 0.9 for two to five units; 0.8 for more than five units.

Elevators, large motors (more than 5 hp), welders, and large x-ray machines may need to be separated from the other loads due to voltage dip or light flicker problems. The electrical demand for motors up to 30 hp output rating can be estimated using Table 3.16 For motors larger than 30 hp, use kVA Demand = (0.746) x (hp)/ 0.9 x (motor efficiency rating). Use 0.90 for motor efficiency for larger motors if unknown.

Table 3.16 Motor Load Demand Estimation

Horsepower	kVA Demand
5.0	5.16
7.5	7.74
10	10.32
15	13.81
20	18.42
25	23.02
30	27.63

3.6.4 Demand Estimation for Commercial Loads

3.6.4.1 Demand Estimation Methods for Commercial Load

The following four methods shall be used in estimating demand loads for commercial customers:

- Historical demand per square foot
- Customer's load schedule and operational need
- Historical demand of similar customers.
- Size/capacity of customer's service entrance equipment.

Commercial Demand Method 1 attempts to estimate demand based on the square foot area of the commercial building using unit demands derived from a study of customers with similar operational needs. Table 3.13 shows the volt-amps/ft^2 unit demand that need to be converted to watts/ft^2 in order to be used with this method. (watts/ft^2 = volt-amps per ft^2 x Power Factor)

Commercial Demand Method 2 requires a detailed breakdown of electrical plans submitted by the customer into load categories and applying typical demand factors shown on Table 3.14 or Table 3.15 to account for diversity in the load. Again, the demand factors are derived from studying the operations of commercial customers and are averages to be used with this method to diversify the connected load information provided by the customer. If no other occupancy type is indicated by the customer, the designer should assume that the demand load will be at least 7.5 watts/ft^2 and recommend that the customer wire out for a connected load of at least 15 volt-amps/ft^2. for multiple-fuel buildings and 20 volt-amps/ft^2 for total electric buildings (Also see Commercial Demand Method 4).

Since the above two methods are based on historical average demands, the estimated demand is expected to be within 25% of the actual demand.

Commercial Demand Method 3 is the most reliable technique, if a *similar* customer—matching the load being studied in size, type of operation, and climate—is found. The designer/engineer should make every attempt to find a similar customer. The customer, consulting engineer, or other representatives are excellent sources for this information.

Commercial Demand Method 4 is the least reliable demand estimation technique. For the purpose evaluating a building built on a speculative basis or any building with no definitive information concerning the permanent customer's type, usage, or electrical load requirements, the engineer/designer can use 50% of main disconnect switch capacity or service entrance conductor sizes provided in the ESPA form as a rough estimate of the customer's demand load (this uses 50% of the connected load as the demand load).

* If occupancy type can be determined, demand per square foot figures in Table 3.13 can be utilized in demand calculations.

3.6.4.2 Demand Estimation Examples for Commercial Load

The following examples illustrate the four different methods of demand estimating for a typical sit-down restaurant to be built in the Austin Energy service area.

Commercial Demand Method 1- Estimating Demand Using Square Footage

The following provides an example of estimating the kVA demand needed to size AE equipment for a new Drumsticks'R' Us restaurant using historical average demand and load factor per square foot by type of occupancy:

FORMULA

$$kVA = \frac{\left(ft^2 \times \frac{\text{Volt - Amps}}{ft^2} \right)}{1000}$$

VARIABLES

kVA = Thousands of Volt-Amps (kVA)

ft^2 = Number of square feet in the building

An example calculation for the *demand and load factor using historical average data per square foot by type of occupancy* follows based on the following conditions for a new Drumsticks 'R' Us restaurant.

CONDITIONS
Main Switch Board = 800 Amp
Voltage = 208Y/120V, *3 Φ, 4W*
Building area = 5000 ft^2
Building Type No. = 4 (>4000 ft^2)

Building $\left(\frac{\text{Volt - Amps}}{\text{ft}^2}\right)$ = 25.0 (from Table 3.13)

Using Bldg. Type No. 4 (Sit-Down Restaurant (>4k ft^2))

Customer demand (kVA):

$$= \text{ft}^2 \times \frac{\left(\text{Volt - Amps}/\text{ft}^2\right)}{1000}$$

kVA $$= 5000 \times \frac{25\left(\text{Volt - Amps}/\text{ft}^2\right)}{1000}$$

$$= 125.0 \text{ kVA}$$

Commercial Demand Method 2- Estimating Demand Using Customer Plans (ESPA Info) and Operational Needs

The following provides an example of estimating the kVA demand needed to size AE equipment for the Drumsticks 'R' Us restaurant using the commercial demand factor information provided in Table 3.15 and the following load schedule normally developed from the ESPA information:

Load Schedule Category	Connected Load (kW)**
Lighting	12.6 kW
Air conditioning	50.0 kW
Cooking	80.0 kW
Receptacles	12.6 kW
Spare	17.0 kW

**The above connected load figures were determined from the ESPA normally provided by the customer or the customer's consulting engineer (not shown).

Customer metering demand (kW) = Sum of connected load x demand factor (from Table 3.15) for each type of load.

Category	Demand Factor	Connected Load	Calculation		Result
Lighting	80%	12.6 kW	0.8 x 12.6	=	10.1 kW
Air Conditioning	100%	50.0 kW	1.0 x 50.0	=	50.0 kW
Cooking	40%	80.0 kW	0.4 x 80.0	=	32.0 kW
Receptacles	10%	12.6 kW	0.1 x 12.6	=	1.3 kW
			Total customer kW or metering demand	=	93.4 kW

Note:Spare or future load not considered.

To size AE facilities, we need to express the customer's demand in kVA (for transformer sizing) and amperes (not shown) for service sizing.

Customer demand (in kVA) $= \frac{kW}{pf} = \frac{93.4}{.87} = 107.4\,kVA$, pf = power factor

Note: Power factor for Sit-Down Restaurants in Table 3.13

Commercial Demand Method 3- Estimating Demand Using Historical Information

The following provides an example of estimating the kVA demand needed to size AE equipment for the new Drumsticks 'R' Us restaurant using historical billing information for another Drumsticks'R' Us of comparable size in the same climate zone. Using the electric consumption information from AE CC&B, determine the peak kW demand for the previous 12 billing periods and the total kWh and number of days for the peak billing period.

AE CC&B Billing Information: kWh = 40,380

kW = 96.3

Days = 31

Customer demand (kVA) $= \frac{kW}{pf} = \frac{96.3}{.87} = 110.7\,kVA$

pf = 0.87 from Table 3.15.

Commercial Demand Method 4- Estimating Demand Using Customer's Service Entrance Equipment Information

The following provides an example of estimating the kVA demand needed to size AE equipment for the Drumsticks'R' Us restaurant using 50% or 1/2 of the size/capacity of the customer's service entrance equipment as the demand.

GIVEN DATA:

800A Main Switch Board

208Y/120V, 3 Φ, 4W

Calculating the Customer Demand (kVA) as 1/2 of the service entrance equipment rating:

$$\text{kVA} = \left(\left(\sqrt{3} \times \text{Voltage}_{\phi\text{-}\phi} \right) \times \frac{1}{2} \times \text{I}_{\substack{\text{service entrance} \\ \text{capacity in amps}}} \right) \Big/ 1000$$

$$= \left(\left(\sqrt{3} \times 208 \right) \times \frac{1}{2} \times 800 \right) \Big/ 1000 = 144 \text{ kVA}$$

3.6.4.3 Comparing the Results of the Four Demand Estimating Methods

The four demand estimating methods in the examples above result in demand load estimates, ranging from 107.4 kVA to 144 kVA. All four would require a 150-kVA transformer since a 75-kVA transformer is limited to 85 kVA for load factors of 0 to 60 percent (see Table 3.17).

Method No.	kVA Demand	Determination Method
1	125.0	Square Footage
2	107.4	ESPA
3	110.7	Historical Usage
4	144	Service Entrance

If the methods had resulted in substantially different estimates requiring different transformer sizes, the results of Commercial Demand Method 3 would have been used. Commercial Demand Method 3 is generally the most reliable if the similar customer is a close match. In this case, it should be, since it is another franchise operated by the same customer in the same climate zone. If a similar customer is not available, use the following criteria to determine the demand load.

a. Determine the Ratio $R = \dfrac{\text{Demand}_{\text{Method 1}}}{\text{Demand}_{\text{Method 2}}}$

b. If the above ratio is between 0.8 and 1.2 (0.8 < R < 1.2), use the load from the square footage demand (Method 1)

c. If the ratio is less than 0.8 or greater than 1.2 (R < 0.8 or R > 1.2), use the lesser value of Method 1 or 2.

d. Again, the engineer/designer should only use Method 4 when there is not enough information to use Methods 1, 2, or 3 (or for a quick comparison with the results of methods 1, 2, or 3).

3.6.4.4 Determining Transformer Demand for Multiple Commercial/Industrial Loads

For multiple commercial/industrial loads served from the same transformer, use the following **coincidence factors** to calculate total demand at a given point.

Number of Customers	Coincidence Factor
1	1.00
2	.92
3	.85
4	.80
5	.76
6	.74

Total Demand = Coincidence Factor x Sum of Calculated Demands

EXAMPLE: Using coincidence factor

The following three commercial loads are to be served from the same 3-phase padmount transformer. Selection of a transformer size with and without taking load diversity is shown below:

Customers	Calculated Demands
Restaurant	34 kVA
Convenience	22 kVA
Medical Office	37 kVA
Total demand without applying coincidence factor	= $demand_1$ + $demand_2$ + $demand_3$ = 34 + 22 + 37 = **93 kVA** **93 kVA requires a 150 kVA transformer**
Total demand after applying coincidence factor	= CF ($demand_1$ + $demand_2$ + $demand_3$) = 0.85 (34 + 22 + 37) = **79.05 kVA** **79 kVA requires a 75 kVA transformer**

Using the following Table 3.17, a 75-kVA transformer can be used instead of the 150-kVA transformer because the CF factor was taken into account.

3.6.5 3 Φ Transformer Loading Guidelines and Considerations.

3.6.5.1 Loading Guidelines for 3 Φ Padmount Transformers

Table 3.17 Recommended Loading Ranges for 3 Φ Padmount Transformer**

Transformer Name Plate kVA	Initial kVA Loading Range	kVA Loading Change-out Point
75	0 - 85	100
150	85 - 175	200
225	175 - 275	300
300	275 - 350	400
500	350 - 575	675
750	575 - 850	1000
1000	850 - 1100	1350
1500	1100 - 1700	2000
2000	1700 - 2200	2700
2500	2200 - 2800	3300***

** The table is based on a maximum load factor of 60% and assumes load is balanced between all three phases.

For load factors of 61% to 75%, initial loading should be limited to 75% of name plate kVA and change out at 110% of name plate.

For load factors of 76% to 90%, initial loading should be limited to 70% of name plate kVA and change out at 100% of name plate.

For load factors of 91% to 100%, install the next size larger transformer. Initial loading should be limited to 80% of the nameplate kVA of the larger transformer and change out at 100% of name plate kVA.

*** Change out options:

1. Add additional point(s) of service and divide load between them
2. Split-bus for 3 Φ service (the secondary load split equally between two separate service entrances and the metering on each bus is totalized and thus treated as one customer.)
3. Parallel transformer service (not an AE standard)
4. Primary voltage service
    1. Transformers with 208Y/120V secondaries are available in sizes from 75 to 750 kVA only.
    2. Transformers with 277V/480V secondaries are available in sizes from 75 to 2500 kVA.

3.6.5.2 Minimum Transformer Sizing for 3 Φ Motor Load

Use the following minimum 3 Φ padmount transformers or 3 Φ transformer bank sizes when providing service to serve the various 3 Φ motor sizes up to 100 hp. The recommended transformer bank sizes should be adequate for motor starting, but for 50 hp and larger 3 Φ motors, contact System Engineering for additional customer motor starting requirements.

Table 3.18 Recommended Minimum Transformer Bank Sizes for 3 Φ Motor Load

3 Φ Motor Size	3 Φ Open-Wye Trf Bank	3 Φ Trf. Bank/Pdmt.Trf.
15 hp & smaller	2 - 10 kVA	3 - 10 kVA/75 kVA
20-25 hp	2 - 15 kVA	3 - 10 kVA/75 kVA
30 hp	2 - 25 kVA	3 - 10 kVA/75 kVA
40 hp	2 - 25 kVA	3 - 15 kVA/75 kVA
50 hp	2 - 50 kVA	3 - 25 kVA/75 kVA
60 hp	NA	3 - 25 kVA/75 kVA
70 hp	NA	3 - 25 kVA/75 kVA
80 hp	NA	3 - 50 kVA/150 kVA
90 hp	NA	3 - 50 kVA/150 kVA
100 hp	NA	3 - 50 kVA/150 kVA

3.6.5.3 3 Φ Transformer Switch and Fusing Configurations

3.6.5.3.1 3 Φ padmount transformers sizes 75 through 750 kVA with loop-feed switches

Three-phase padmount transformers sizes 75 through 750 kVA are supplied only with a loop-feed loadbreak switch and weak link/partial range current-limiting fuses. This transformer can be used for single transformer radial feed installations or as a part of a sub-feeder loop for a multi transformer installation loop installation.

3.6.5.3.2 3 Φ padmount transformers sizes 1,000 through 2,500 kVA with loop-feed switches

Three-phase padmount transformers sizes 1,000 through 2,500 kVA are supplied with loop-feed loadbreak switches and weak link/partial range current-limiting fuses. This style transformer should be used only as a part of a sub-feeder loop for looping through each unit in a multi transformer installation.(Caution: Internal transformer fusing for 1,000 and 1,500 kVA sizes will not coordinate with fuses smaller than 175E SM-4 Slo fuses. Internal transformer fusing for 2,000 and 2,500 kVA sizes will not coordinate with standard AE fuses. Fault protection for sub-feeder loops with 2,000 or 2,500 kVA internally fused transformers must be achieved with relayed reclosers or other fault interrupting breakers (See Table 8.5).

Normally, three-phase padmount transformers sizes 1,000 through 2,500 kVA should be fed radially and fused off of the main line feeder such that the transformer is fused at the riser pole or in a padmounted PME switchgear and three slugs are installed in place of the three internal weak link fuses.

3.6.5.3.3 3 Φ padmount transformer sizes 1,000 through 2,500 kVA single transformer radial with on-off switches

Three phase padmount transformer sizes 1,000 through 2,500 kVA are also supplied with an on-off radial feed loadbreak switches and a slug in place of an internal fuses. This use of loop-feed transformer should be used only for single transformer radial-feed installations. (The transformer fusing should be located at the riser pole or in padmounted switchgear).

3.6.5.4 3 Φ Overhead Transformer Bank Loading Considerations

When sizing the 1 Φ overhead transformers for 4-wire WYE connected 3 Φ secondary banks and for 4-wire closed and open DELTA connected 3 Φ secondary banks, use the 1 Φ overhead transformer loading guidelines given in Table 3.9.

3.6.5.4.1 3 Φ Overhead Wye Transformer Bank with 4-Wire Wye Connected Secondary

The general assumption for 208Y/120 volt and 480Y/277 volt services is that the customer's single-phase load is equally balanced between all three phases of the transformer or the transformer bank such that each phase of the 3 Φ transformer or each single-phase transformer in the 3 Φ bank each sees equal portions of the customer's single-phase and three-phase load. Use the following kVA for load requirements in Table 3.19 for sizing overhead three-phase transformer banks serving 4-wire wye connected secondaries.

Table 3.19 Recommended Loading Ranges for 3 Φ OH Transformer Banks with 4-Wire WYE Connected Secondary (Assumes balanced load)

3 Φ Transformer Bank 1 Φ kVA's	Initial Bank kVA Loading Range	kVA Bank Loading Change-out Point
10-10-10	0 - 39	48
15-15-15	40 - 60	69
25-25-25	61-90	114
50-50-50	91-180	225
75-75-75	181-270	315
100-100-100	271-360	420
167-167-167	361-600	700***

*** Change out option: NONE. Have customer split his load and take another point of service or convert to padmounted transformer service.

3.6.5.4.2 3 Φ Overhead Wye Transformer Bank with 4-Wire Closed Delta Connected Secondary

The 240/120 volt 4-wire closed delta secondary bank is comprised of three single-phase transformers: one lighting transformer (usually the largest of the three because it carries the majority of the single-phase load) and two equal in size power transformers (sometimes called kickers). The

three-phase load is equally balanced between all three phases of the transformer bank. Use the following Table 3.20 for sizing the lighting and the two power transformers.

The 240/120 volt 4-wire closed delta connected secondary service connection is normally used for 240/120 volt customers who have a large amount of 3 Φ load (or 3 Φ motors larger than 40 hp) and a smaller amount of 1 Φ load. The 4-wire closed delta connected secondary is not efficient for serving large 1 Φ loads because it does not make efficient use of the available transformer kVA. 4-wire wye connected secondaries (208Y/120 volts and 480Y/277 volts) are more efficient for serving large 1 Φ loads because the 1 Φ load can be wired so that it is distributed evenly between all three phases.

Table 3.20 1 Φ – 3 Φ Load Distribution for an Overhead Transformer Bank with 4-Wire Closed Delta Connected Secondary

Maximum kVA Demand Load on each 1 Φ Overhead Transformer of a Wye-Delta Bank								
1 Φ -3 Φ Load	**0.0 3 Φ kVA**	**10 3 Φ kVA**	**15 3 Φ kVA**	**25 3 Φ kVA**	**50 3 Φ kVA**	**75 3 Φ kVA**	**100 3 Φ kVA**	**150 3 Φ kVA**
0.0 1 Φ kVA	NA	3.3 3.3 3.3	5.0 5.0 5.0	8.3 8.3 8.3	16.7 16.7 16.7	25.0 25.0 25.0	33.3 33.3 33.3	50.0 50.0 50.0
10 1 Φ kVA	6.7 3.3 3.3	9.9 6.2 5.2	11.6 7.8 6.5	14.7 11.1 9.5	23.1 19.3 17.5	31.5 27.4 25.9	39.6 35.9 34.1	56.8 52.5 50.9
15 1 Φ kVA	10 5 5	13.3 7.9 6.5	14.8 9.4 7.8	18.0 12.5 10.6	26.6 20.8 18.2	34.7 28.9 26.3	42.8 37.0 34.5	59.5 53.8 51.2
25 1 Φ kVA	16.7 8.3 8.3	20.0 11.0 9.6	21.6 12.6 10.6	24.8 15.6 12.9	32.8 23.6 20.1	41.0 32.0 28.0	49.5 40.0 36.0	65.0 56.4 52.5
50 1 Φ kVA	33.4 16.7 16.7	36.5 19.3 17.6	38.3 20.8 18.3	41.3 23.6 20.0	49.5 31.2 25.8	58.2 39.1 32.5	65.8 47.2 40.2	83.0 64.0 55.0
75 1 Φ kVA	50 25 25	53.2 27.5 25.5	54.7 28.9 26.4	58.0 31.8 27.8	66.3 39.4 32.8	74.3 46.8 38.7	82.3 55.0 47.5	98.6 70.7 60.3
100 1 Φ kVA	66.6 33.3 33.3	70.0 35.9 34.2	71.3 37.2 34.5	75.0 40.0 35.6	82.5 47.3 40.0	91.0 55.0 45.5	99.0 62.5 51.6	116.0 78.2 65.0
150 1 Φ kVA	100 50 50	103.0 52.0 51.0	105.0 54.0 51.0	108.0 57.0 52.0	116.0 64.0 55.0	124.0 71.0 60.0	133.0 79.0 66.0	149.0 94.0 78.0

The largest or first load in each cell of the above table is the load on the lighting transformer. The second load in each cell is the load on the power (or kicker) transformer connected to the phase lagging the phase to which the largest or lighting transformer is connected. The third load in each cell is the load on the power (or kicker) transformer connected to the phase leading the phase to which the largest or lighting transformer is connected. The power factor of the 1 Φ load is assumed to be 95% and the power factor of the 3 Φ load is assumed to be 80%.

3.6.5.4.3 3 Φ Overhead Open Wye Transformer Bank with 4-Wire Open Delta Connected Secondary

The 240/120 volt 4-wire open delta secondary bank is comprised of two single-phase transformers: one lighting transformer (usually the larger of the two because it carries the entire single-phase load) and a power transformer (sometimes called a kicker). The three-phase load is equally but inefficiently shared between the two transformers (i.e. each 1 Φ transformer carries approximately 57.74% of the 3 Φ load). Use the following: Table 3.21 or Table 3.22 for sizing the lighting and power transformers.

The LEADING connection is the preferred connection. If the type of connection is not known, use Table 3.22 for the LAGGING connection in determining transformer loading.

Table 3.21 1 Φ – 3 Φ Load Distribution for an Overhead Transformer Bank with 4-Wire Open Delta Connected Secondary and "LEADING" Lighting Transformer Connection

Maximum kVA Demand Load on 1 Φ Overhead Transformers of a Open Wye-Open Delta Bank							
1 Φ - 3 Φ Load	**0.0 3 Φ kVA**	**10 3 Φ kVA**	**15 3 Φ kVA**	**25 3 Φ kVA**	**50 3 Φ kVA**	**75 3 Φ kVA**	**100 3 Φ kVA**
0.0 1 Φ kVA	NA	5.8 5.8	8.7 8.7	14.4 14.4	28.8 28.8	43.3 43.3	57.7 57.7
10 1 Φ kVA	10.0 0.0	14.5 5.8	17.0 8.7	22.3 14.4	36.2 28.8	50.5 43.3	64.8 57.7
15 1 Φ kVA	15.0 0.0	19.2 5.8	21.7 8.7	26.8 14.4	40.4 28.8	54.4 43.3	68.5 57.7
25 1 Φ kVA	25.0 0.0	29.1 5.8	31.4 8.7	36.2 14.4	49.1 28.8	62.7 43.3	76.6 57.7
50 1 Φ kVA	50.0 0.0	54.0 5.8	56.1 8.7	60.5 14.4	72.4 28.8	85.1 43.3	98.3 57.7
75 1 Φ kVA	75.0 0.0	79.0 5.8	81.6 8.7	85.2 14.4	96.5 28.8	108.5 43.3	121.0 57.7
100 1 Φ kVA	100.0 0.0	104.0 5.8	106.0 8.7	110.0 14.4	121.0 28.8	133.0 43.3	145.0 57.7

The largest or first load in each cell of the above table is the load on the lighting transformer when it is connected to the phase leading the phase to which the power transformer is connected. The smallest or second load is the load on the power (or kicker) transformer when it is connected to the phase lagging the phase to which the largest or lighting transformer is connected. The power factor of the 1 Φ load is assumed to be 95% and the power factor of the 3 Φ load is assumed to be 80%.

Table 3.22 1 Φ – 3 Φ Load Distribution for an Overhead Transformer Bank with 4-Wire Open Delta Connected Secondary and "LAGGING" Lighting Transformer Connection

Maximum kVA Demand Load on 1 Φ Overhead Transformers of a Open Wye-Open Delta Bank							
1 Φ – 3 Φ Load	**0.0 3 Φ kVA**	**10 3 Φ kVA**	**15 3 Φ kVA**	**25 3 Φ kVA**	**50 3 Φ kVA**	**75 3 Φ kVA**	**100 3 Φ kVA**
0.0 1 Φ kVA	NA	5.8 5.8	8.7 8.7	14.4 14.4	28.8 28.8	43.3 43.3	57.7 57.7
10 1 Φ kVA	10.0 0.0	15.7 5.8	18.5 8.7	29.3 14.4	38.7 28.8	53.2 43.3	67.5 57.7
15 1 Φ kVA	15.0 0.0	20.7 5.8	23.5 8.7	39.2 14.4	43.5 28.8	58.0 43.3	72.5 57.7
25 1 Φ kVA	25.0 0.0	30.5 5.8	33.2 8.7	48.3 14.4	53.5 28.8	67.5 43.3	82.5 57.7
50 1 Φ kVA	50.0 0.0	55.5 5.8	58.5 8.7	64.0 14.4	78.0 28.8	92.5 43.3	107.0 57.7
75 1 Φ kVA	75.0 0.0	80.3 5.8	83.2 8.7	88.9 14.4	103.2 28.8	117.5 43.3	132.0 57.7
100 1 Φ kVA	100.0 0.0	105.8 5.8	108.3 8.7	114.0 14.4	128.0 28.8	142.0 43.3	157.0 57.7

The largest or first load in each cell of the above table is the load on the lighting transformer when it is connected to the phase lagging the phase to which the power transformer is connected. The smallest or second load is the load on the power (or kicker) transformer when it is connected to the phase leading the phase to which the largest or lighting transformer is connected. The power factor of the 1 Φ load is assumed to be 95% and the power factor of the 3 Φ load is assumed to be 80%.

3.7 Commercial Revenue Estimation

Part of the design process is to estimate the annual revenue AE would receive from a particular commercial/industrial customer to determine if the revenue is sufficient to allow the construction for the necessary service facilities at no cost to the customer or if the customer should make a contribution toward the cost of these AE facilities. Approaches to this problem of estimating a new customer's (or an added load's) annual revenue to AE start with the same four basic approaches to calculating electric demand developed in Section 3.6 plus the application of the appropriate load factors and power factors, also given in Section 3.6, to determine kWh's and then the application appropriate AE electric rate to determine the revenue.

NXP/Samsung 1-77. Please provide excerpts from design manuals, other engineering specifications, purchasing manuals, or other documentation explaining how Austin Energy trades off capital costs and no-load and load-varying losses when purchasing transformers.

ANSWER:

Austin Energy sets its loss tolerances per IEEE Std C57.12.00, Section 9.3:

> 9.3 Tolerances for losses
> "Unless otherwise specified, the losses represented by a test of a transformer shall be subject to the following tolerances: The no-load losses of a transformer shall not exceed the specified no-load losses by more than 10%, and the total losses of a transformer shall not exceed the specified total losses by more than 6%. Failure to meet the loss tolerances shall not warrant immediate rejection but shall lead to consultation between purchaser and manufacturer regarding the further investigation of possible causes and the consequences of the higher losses."

When manufacturers provide transformers with losses above the minimum specified but still within an acceptable tolerance, AE subtracts the calculated fees for losses from the transformer purchase price according to the following schedule:

- $350.00 fee.
- No-Load Losses – $6.461 per watt
- Load Losses – $3.379 per watt

Prepared by: MP
Sponsored by: Elaina Ball

NXP/Samsung 1-78. Please estimate the average price premium that Austin Energy currently pays over the transformer with the lowest capital costs in each size range in order to avoid losses.

ANSWER:

Austin Energy receives bids based on all of AE specifications and predicted transformer purchase quantities. Austin Energy is not privy to prices quoted to other utilities with lower efficiency specifications, so determining the premium Austin Energy pays for our specified efficiencies is indeterminate. Per AE's Response to NXP/Samsung 1-77, fees for losses above our specification are subtracted out of the contract purchase price of the transformers. Cost adjustments per transformer size vary widely per manufacturer.

Prepared by: MP
Sponsored by: Elaina Ball

NXP/Samsung 1-79. Please provide workpapers supporting the customer weighting and allocation factors for meters.

ANSWER:

Customer weighting and allocation factors for meters is described in Sectdion 5.4.3.1 and shown in Figure 5.14 of the "Austin Energy's Tariff Package: 2015 Cost of Service Study and Proposal to Change Base Electric Rates." Additional supporting documentation is shown within the "AE RFP" model under the following sheet name: "WP F-2.3."

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-80. Which types of meters or sizes of customers use (a) Current Transformers ("CTs") and/or (b) Potential Transformers ("PTs")?

ANSWER:

Residential customers up to 400 amps do not require CTs. However, 200 amp to 400 amp (residential) service have the option of CTs. All other customers over 200 amps (commercial or industrial) use CTs. Additionally, service voltages above 600V, require PTs and CTs regardless of amps.

The typical types of meters that are CT-rated include:

-Form 9S for 3-phase
-Form 3S (2 wire) or Form 4S (3 wire 120/240V) for single phase
-Form 5S (or Form 45S) for 3 wire 120/208V

Prepared by: SL
Sponsored by: Elaina Ball

NXP/Samsung 1-81. Please provide any studies or analyses prepared on the cost of service drops by customer class and/or by single-phase versus three-phase service.

ANSWER:

Austin Energy does not have any documents responsive to this request.

Prepared by: DT
Sponsored by: Elaina Ball

NXP/Samsung 1-82. Please provide all available information on the length of service drops by customer class.

ANSWER:

The following information is found in AE's Criteria Manual.

1.5.2.3 Overhead Secondary Voltage Service - Commercial

B. Service Drop Lengths. For either permanent or temporary services, the Customer's service entrance facilities (such as service equipment, service conductors, or one-point rack) shall be installed relative to the service drop length according to the following (see section 1.10.6):

5-foot minimum	Regardless of service size: Service drop attachment must be located out from under AE facilities measured horizontally from and perpendicular to AE's facilities (poles and overhead lines) (Also see Section 1.10.6.1.)
75-foot maximum	For service entrance equipment rated 225 amps or less: Service drop length measured horizontally/radially, from AE's facilities (pole serving Customer's facilities)
55-foot maximum	For service entrance equipment rated over 225 amps but 350 amps or less: Service drop length measured horizontally/radially from AE's facilities (pole service Customer's facilities)
Contact AE Design	For service entrance equipment rated more than 350 amps.

All other maximum service lengths shall be specified by AE Design. Point of attachment must be able to withstand 400 pounds of tension.

1.5.3.3 Overhead Residential Installations

D. Service Drop Lengths. The Customer's permanent/temporary service entrance facilities shall be installed according to the following requirements relative to the service drop length (see also Section 1.10.6.1):

5-foot minimum	Regardless of service size: Service drop attachment must be located out from under AE facilities measured horizontally from and perpendicular to AE's facilities (poles and overhead lines) (Also see Section 1.10.6.1.) AE will determine total permissible service drop length.
75-foot maximum	For service entrance equipment rated 225 amps or less: Service drop length measured horizontally/radially, from AE's facilities (pole serving Customer's facilities)

55-foot maximum	For service entrance equipment rated over 225 amps but 350 amps or less: Service drop length measured horizontally/radially from AE's facilities (pole service Customer's facilities)
Contact AE Design	For service entrance equipment rated more than 350 amps.

All other maximum service lengths for larger loads or other smaller load conditions that allow longer service drop lengths than shown above shall be specified by AE Design. Point of attachment must be able to withstand 400 pounds of conductor tension.

Prepared by: DT
Sponsored by: Elaina Ball

NXP/Samsung 1-83. Please provide excerpts from Austin Energy's design manuals or other engineering specifications regarding the type of conductor to be used for service drops as related to on the size of loads served. Provide the current cost of each type of conductor referenced in those manuals.

ANSWER:

Below is the excerpt from AE Designer Guidelines section 9.1 - 600-Volt Insulated Service and Secondary Cables.

SECONDARIES AND SERVICES
600-Volt Insulated Service and Secondary Cables
Overhead Secondary and Service Cable

Conductor Size and Stranding (AWG, kcmil or in.)		Cost per ft	Multiplex Neutral Size and Stranding (AWG, kcmil or in.)		Type	Code Word	Max Current Capacity (Amps)[1,2]	Overall Diameter (in.)	Weight	Breaking Strength (lb.)
Insulated and Weatherproof Overhead and Bus Single Conductor										
#1/0	19	$4.25	N/A		AL	Harvard/XLP	191	0.58	0.15	1990
#4/0	19	$4.20	N/A		AL	Beloit/ XLP	300	0.72	0.268	3830
350	37	$4.80	N/A		AL	Rutgers/ XLP	364	0.92	0.43	6390
500	37	$15.29	N/A		CU		580	1.03	1.89	
#4	6/1	$1.37	N/A		ACSR	Butternut	94	0.3030	0.0718	1770
#2	7	For Retirement Only			Copper	NA	For Retirement Only			
2/0	7				Copper	NA				
4/0	7				Copper	NA				
250	37				Copper	NA				
Multiplex Overhead Secondary and Service Drop Conductor										
#4	7	$3.03	#4	6/1	Al Duplex	Yorkshire	94	0.6000	0.1230	1860
#4	7	$2.28	#4	6/1	Al Triplex	Periwinkle	94	0.6500	0.1760	
1/0	7	$2.28	1/0	6/1	Al Triplex	Neritina	191	0.9800	0.4280	
4/0	19	$2.41	4/0	6/1	Al Triplex	Zuzara	300	1.3200	0.7940	
2-4/0	19	$4.82	4/0	6/1	2-Al Triplex	Zuzara	552		1.5880	
350	37	$4.80	N/A		Al	3 singles	385		1.29	
2-350	37	$9.60	N/A		Al	6 singles	708		2.58	
3-350	37	$14.40	N/A		Al	9 singles	936		3.87	
4-350	37	$19.20	N/A		Al	12 singles	1124		5.16	
500	37	$45.87	N/A		Cu	3 singles	580		5.67	
2-500	37	$91.74	N/A		Cu	6 singles	1067		11.34	
#4	7	$1.69	#4	6/1	Al Quad	Hackney	88	0.7400	0.2360	
1/0	19	$2.08	1/0	6/1	Al Quad	Costena	178	1.1400	0.5570	
4/0	19	$3.04	4/0	6/1	Al Quad	Appaloosa	279	1.5000	1.0450	
2-4/0	19	$6.08	4/0	6/1	2-Al Quad	Appaloosa	513		2.090	
350	37	$3.50	N/A		Al	4 singles	358		1.72	
2-350	37	$7.00	N/A		Al	8 singles	644		3.44	
3-350	37	$10.50	N/A		Al	12 singles	870		5.16	
4-350	37	$14.00	N/A		Al	16 singles	1045		6.88	
500	37	$61.16	N/A		Cu	4 singles	539		7.56	
2-500	37	$122.32	N/A		Cu	8 singles	992		15.12	
3-500	37	$183.48	N/A		Cu	12 singles	1342		22.68	
4-500	37	$244.64	N/A		Cu	16 singles	1574		30.24	

Prepared by: DT
Sponsored by: Elaina Ball

NXP/Samsung 1-84. Please provide an asset listing by FERC System of Accounts for AE's distribution facilities constructed for or that serve NXP (f/k/a Freescale) or Samsung, or both, including the original in-service dates, the depreciable life and the amount of the accumulated depreciation at the end of the Test Year.

ANSWER:

Please see Attachment 1.

Prepared by: DK
Sponsored by: Mark Dombroski

Net Book Value of Assets
As of September 30, 2014

NXP

Location	Description	Business Unit	Eng In-Service Date	FERC	Life	Cost	Accumulated Depreciation	Current Net Book Value
Oak Hill Substation						**$ 2,056,419**	**$ 519,225**	**$ 1,537,194**
	Structures & Improvements	Transmission	Oct-02	3520	30	42,844	16,760	26,084
	Substation Equipment	Transmission	Oct-02	3530	40	379,291	121,080	258,211
	UG Conduit	Transmission	Oct-02	3570	30	2,450	1,003	1,446
	Structures & Improvements	Transmission	Oct-03	3520	30	3,538	1,271	2,267
	Substation Equipment	Transmission	Oct-03	3530	40	32,109	9,413	22,696
	UG Conduit	Transmission	Oct-03	3570	30	202	76	126
	Structures & Improvements	Distribution	Oct-03	3610	30	6,144	2,309	3,836
	Substation Equipment	Distribution	Oct-03	3620	40	921,027	263,070	657,956
	UG Conductor & Devices	Distribution	Oct-03	3670	30	2,098	790	1,308
	Site Preparation	Transmission	Aug-07	3500	na	5,315	-	5,315
	Structures & Improvements	Transmission	Aug-07	3520	30	29,770	6,893	22,878
	Substation Equipment	Transmission	Aug-07	3530	40	438,088	82,768	355,320
	UG Conduit	Transmission	Aug-07	3570	30	16,981	4,117	12,864
	UG Conductor & Devices	Transmission	Aug-07	3580	30	19,393	4,685	14,708
	Substation Equipment	Distribution	Apr-13	3620	40	157,167	4,988	152,179
Vega Substation						**$ 3,275,328**	**$ 580,175**	**$ 2,695,152**
	Substation Equipment	Distribution	Dec-07	3620	40	11,607	2,137	9,470
	Site Preparation	Transmission	Feb-08	3500	na	26,011	-	26,011
	Structures & Improvements	Transmission	Feb-08	3520	30	555,367	110,846	444,522
	Substation Equipment	Transmission	Feb-08	3530	40	436,079	71,025	365,055
	Poles, Towers & Fixtures	Transmission	Feb-08	3550	30	103,714	21,858	81,855
	OH Conductors & Devices	Transmission	Feb-08	3560	30	19,120	4,077	15,043
	UG Conduit	Transmission	Feb-08	3570	30	242,647	50,715	191,932
	UG Conductor & Devices	Transmission	Feb-08	3580	30	25,594	5,330	20,264
	Roads & Trails	Transmission	Feb-08	3590	40	18,963	3,255	15,708
	Site Preparation	Distribution	Feb-08	3600	na	742	-	742
	Structures & Improvements	Distribution	Feb-08	3610	30	189,685	39,274	150,412
	Substation Equipment	Distribution	Feb-08	3620	40	1,383,531	219,541	1,163,990
	Poles, Towers & Fixtures	Distribution	Feb-08	3640	30	157	33	124
	UG Conduit	Distribution	Feb-08	3660	30	216,288	45,707	170,581
	UG Conductor & Devices	Distribution	Feb-08	3670	30	730	153	577
	Structures & Improvements	Transmission	Aug-10	3520	30	28,148	3,820	24,328
	Structures & Improvements	Distribution	Aug-10	3610	30	16,945	2,405	14,540
Patton Lane Substation						**$ 5,446,802**	**$ 615,926**	**$ 4,830,877**
	Site Preparation	Transmission	Jul-07	3500	na	1,160	-	1,160
	Structures & Improvements	Transmission	Jul-07	3520	30	24,095	5,578	18,516
	Substation Equipment	Transmission	Jul-07	3530	40	190,049	35,906	154,143
	UG Conduit	Transmission	Jul-07	3570	30	6,221	1,508	4,713
	UG Conductor & Devices	Transmission	Jul-07	3580	30	47,986	11,592	36,394
	Site Preparation	Distribution	Jul-07	3600	na	599	-	599
	Structures & Improvements	Distribution	Jul-07	3610	30	107,607	26,055	81,552
	Substation Equipment	Distribution	Jul-07	3620	40	1,305,290	240,266	1,065,024
	UG Conduit	Distribution	Jul-07	3660	30	29,883	7,326	22,558

UG Conductor & Devices	Distribution	Jul-07	3670	30	4,475	1,086	3,389
Structures & Improvements	Transmission	Aug-07	3520	30	9,810	2,271	7,539
Poles, Towers & Fixtures	Transmission	Aug-07	3550	30	351	86	265
Substation Equipment	Transmission	Jul-09	3530	40	263,181	36,006	227,175
UG Conduit	Transmission	Jul-09	3570	30	3,340	586	2,754
UG Conductor & Devices	Transmission	Jul-09	3580	30	1,186	208	979
Substation Equipment	Distribution	Jul-09	3620	40	1,370,808	182,719	1,188,089
UG Conduit	Distribution	Jul-09	3660	30	17,537	3,113	14,424
UG Conductor & Devices	Distribution	Jul-09	3670	30	6,228	1,094	5,133
UG Conductor & Devices	Distribution	Aug-09	3670	30	40,096	7,046	33,050
Substation Equipment	Distribution	Jul-13	3620	40	1,364,393	43,301	1,321,092
UG Conductor & Devices	Distribution	Jul-13	3670	30	62,975	2,635	60,340
OH Conductors & Devices	Transmission	Jun-14	3560	30	589,533	7,543	581,991
Ed Bluestein Substation					**$ 586,476**	**$ 97,681**	**$ 488,795**
Substation Equipment	Transmission	Jul-08	3530	40	538,848	87,763	451,085
UG Conductor & Devices	Transmission	Jul-08	3580	30	47,628	9,918	37,709

Samsung

Dessau Substation					**$ 16,221,694**	**$ 3,375,785**	**$ 12,845,909**
Substation Equipment	Distribution	Nov-04	3620	40	374,611	97,488	277,123
Site Preparation	Transmission	Jul-05	3500	na	27,328	-	27,328
Structures & Improvements	Distribution	Jul-05	3520	30	71,589	21,147	50,442
Substation Equipment	Distribution	Jul-05	3530	40	237,708	57,300	180,409
UG Conductor & Devices	Distribution	Jul-05	3580	30	104,371	32,168	72,203
Site Preparation	Distribution	Jul-05	3600	na	10,426	-	10,426
Structures & Improvements	Distribution	Jul-05	3610	30	62,299	19,246	43,053
Substation Equipment	Distribution	Jul-05	3620	40	2,333,635	548,052	1,785,583
UG Conduit	Distribution	Jul-05	3660	30	90,182	28,206	61,977
UG Conductor & Devices	Distribution	Jul-05	3670	30	329,676	102,076	227,600
Substation Equipment	Distribution	Oct-05	3620	40	35,255	8,280	26,975
Substation Equipment	Transmission	Mar-06	3530	40	404,695	87,005	317,689
Substation Equipment	Transmission	May-06	3530	40	269,797	58,004	211,793
Substation Equipment	Transmission	Aug-06	3530	40	134,898	29,002	105,896
Structures & Improvements	Transmission	Dec-06	3520	30	189,239	49,857	139,383
Substation Equipment	Transmission	Dec-06	3530	40	1,041,918	224,002	817,916
UG Conduit	Transmission	Dec-06	3570	30	5,055	1,395	3,660
UG Conductor & Devices	Transmission	Dec-06	3580	30	149,728	41,159	108,569
Site Preparation	Transmission	Aug-07	3500	na	39,271	-	39,271
Structures & Improvements	Transmission	Aug-07	3520	30	110,841	25,662	85,178
Substation Equipment	Transmission	Aug-07	3530	40	201,576	38,084	163,492
Poles, Towers & Fixtures	Transmission	Aug-07	3550	30	17,259	4,220	13,040
UG Conduit	Transmission	Aug-07	3570	30	15,215	3,689	11,526
UG Conductor & Devices	Transmission	Aug-07	3580	30	13,847	3,345	10,502
Site Preparation	Distribution	Aug-07	3600	na	18,408	-	18,408
Structures & Improvements	Distribution	Aug-07	3610	30	241,330	58,434	182,896
Substation Equipment	Distribution	Aug-07	3620	40	5,195,564	956,352	4,239,212
Poles, Towers & Fixtures	Distribution	Aug-07	3640	30	8,090	1,973	6,117
UG Conductor & Devices	Distribution	Aug-07	3660	30	86,767	21,270	65,497
UG Conduit	Distribution	Aug-07	3670	30	2,456,244	596,081	1,860,163
Substation Equipment	Transmission	Sep-09	3530	40	243,205	33,273	209,932
Substation Equipment	Distribution	Sep-09	3620	40	1,650,613	220,015	1,430,598
UG Conduit	Distribution	Sep-09	3660	30	17,085	3,033	14,052

UG Conductor & Devices	Distribution	Sep-09	3670	30	33,968	5,969	27,998

NXP/Samsung 1-85. In reference to question 74, please state whether any of these facilities serve other customers. If so please provide the number of customers, describe the type of facility, and location.

ANSWER:

Austin Energy assumes the number 74 is a typographical error and should be 84.

Company	Substation	Number of Customers	Address
Samsung	Desseau (DE)	7893	3200 E Yager Lane
NPX (Freescale): Ed Bluestein	ED Bluestein (EB)	0	3501 Ed Bluestein Blvd
NPX (Freescale): Patton Lane	Patton Lane (PL)	5779	6800 Old Bee Caves Road
NPX (Freescale): Oak Hill	Oak Hill (OH)	8346	5915 McCarty Lane
NPX (Freescale): Vega	Vega (VE)	0	N/A

Note:
1. In each case where there are other customers the category of customers vary (Commercial, Residential and Industrial).

Prepared by: DK
Sponsored by: Mark Dombroski

NXP/Samsung 1-86. How are costs associated with power poles that are used exclusively for streetlights assigned in the cost of service study?

ANSWER:

Please see the response to NXP/Samsung RFI 1-61.

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-87. Please identify customer accounting costs (Accounts 901-905) by FERC account (and any subaccounts used by Austin Energy) in the test year. Identify sub-accounts by name and number, and provide a brief description of the function(s) in each sub account.

ANSWER:

Please see the response to NXP/Samsung RFI 1-63.

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-88. Please identify customer service and information costs (Accounts 907-910) by FERC account (and any subaccounts used by Austin Energy) in the test year. Identify sub-accounts by name and number, and provide a brief description of the function(s) in each sub-account.

ANSWER:

Please see the response to NXP/Samsung RFI 1-64.

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-89. Please identify marketing and sales costs (Accounts 911-915) by FERC account (and any subaccounts used by Austin Energy) in the test year. Identify sub-accounts by name and number, and provide a brief description of the function(s) in each sub account.

ANSWER:

Please see the response to NXP/Samsung RFI 1-65.

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 1-90. Are any costs related to the Company's Electric Vehicle Public Charging Pilot Program subsidized by rates, charges, or fees collected from any other rate class, rider, or tariff schedule?

ANSWER:

Austin Energy's Electric Vehicle Public Charging Pilot Program began in FY 2012. All customers are eligible to participate in the program. Because it is still in the early stages of the program, Austin Energy has not conducted a comprehensive cost of service examination to verify if there are subsidies created by the program. Specifically, one of the objectives of the pilot program is for Austin Energy to accumulate customer participation and usage data as well as additional cost and revenue data. This information will be used to price the service in the next stages of the program.

Prepared by: JHO/BE
Sponsored by: Mark Dombroski

NXP/Samsung 1-91. Please explain the Company's justification for subsidizing the cost of Service Area Lighting through the Community Benefit Charge. If the Company does not have any justification for subsidizing the cost of Service Area Lighting through the Community Benefit Charge, please provide documentation from the Austin City Council giving this instruction to the Company and its justification.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

Service Area Lighting is not subsidized. The full cost of service associated with the Service Area Lighting class is recovered from customers through the Community Benefit Charge. This is demonstrated in the RFP via the following schedules:

Schedule G-6
- Column N identifies the cost of service for Service Area Lighting
- Line 73 distributes this cost to all customer classes (based on revenue requirement)

Schedule G-7
- Line 50 identifies the Service Area Lighting amount to be recovered via the Community Benefit charge for each customer class

Schedule G-8
- Lines 338 through 360 show the calculation of the unit cost of Service Area Lighting per kWh for each customer class, which is the basis for the Service Area Lighting portion of the Community Benefit charge for each customer class in the tariff

Prepared by: BE
Sponsored by: Mark Dombroski

NXP/Samsung 1-92. Please explain, in detail how the Company determines where and what facilities are used to provide service under Service Area Lighting inside and outside the city limits.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

This response assumes "facilities" means the devices that provided electricity under Service Area Lighting. Facilities are installed based on customer requests and new commercial and residential development. Austin Energy current standard facilities are used to provide service.

Prepared by: AS
Sponsored by: Elaina Ball

NXP/Samsung 1-93. Please explain how the cost to developers for street lighting installations is determined and provide the amount of payments to Austin Energy for street lighting installations during the Test Year and the previous five years.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

Austin Energy charges developers for Streetlight Installation based on a schedule that is included in the City's Land Development Code. The current fees are:

Streetlight Installation

Cost per lot for Underground (UG) Street lighting	$375.00
Cost per lot for Overhead (OH) Street lighting Installation	$250.00

Fund	Unit	Revenue Source	Fiscal Year	
3250	9900	4529 - CIP REV-ST LIGHTS (CTB)	2009	($241,355.80)
3250	9900	4529 - CIP REV-ST LIGHTS (CTB)	2010	($480,525.60)
3250	9900	4529 - CIP REV-ST LIGHTS (CTB)	2011	($321,543.98)
3250	9900	4529 - CIP REV-ST LIGHTS (CTB)	2012	($977,133.95)
3250	9900	4529 - CIP REV-ST LIGHTS (CTB)	2013	($786,524.32)
3250	9900	4529 - CIP REV-ST LIGHTS (CTB)	2014	($907,475.97)
				($3,714,559.62)

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-94. Please provide a detailed explanation and support for the amounts allocated to AE for the Utility Customer Center during the test year and each of the three prior years.

ANSWER:

The current allocation methods resulted from a model that was presented by KMPG and adopted by the Austin City Council in FY2002. The allocation methods during the test year and each of the three prior years are based upon this model.

Attachment 1: Attached files for FY 2011 – 2014 Customer Allocation Models.

Prepared by: DK
Sponsored by: Mark Dombroski

FY2011 PROPOSED CUSTOMER CARE ALLOCATION

KPMG MODEL

FY2011 Proposed AE Cost Allocation

Allocation based on KPMG FY02 Model

Utility	FY11 Budget Alloc	% of Total
Electric *	$ 26,544,140.0	61.89%
Water	$ 8,446,149.3	19.69%
Wastewater	$ 5,339,930.1	12.45%
Solid Waste	$ 900,718.1	2.10%
Drainage	$ 989,683.3	2.31%
Transportation	$ 668,602.1	1.56%
Total	**$ 42,889,223**	**100.00%**
Reimbursements	**$ 16,345,083**	

FY 2011 Allocation Factors & Percents Per Utility

Allocation Factors	Electric	Water	Wastewater	Solid Waste	Drainage	Transportation	Totals
Service Revenue by Utility	70.74%	10.61%	10.21%	3.14%	3.61%	1.70%	100.00%
Service Revenue by E, W, WW only	76.89%	11.53%	11.59%				100.00%
Bills by Utility	22.54%	11.21%	10.53%	18.41%	19.15%	18.16%	100.00%
Bills by E, W, WW only	50.91%	25.31%	23.79%				100.00%
Service Orders by Utility	60.33%	31.67%	**8.00%**				100.00%
Meters Read	44.94%	49.06%	**6.00%**				100.00%
Total Meters By Utility	67.38%	32.62%					100.00%

Wastewater Percentages are based on billed revenue, number of bills, and since Wasterwater has no service orders nor meters, KPMG provided

Allocation of Customer Care Orgs

Source: CC's FY09 data from CIS, FY10 Proposed Budget, and Allocation Methods

Distribution Of Administrative Budget By Allocation Factors within Customer Care

Org.	Description	FTEs	Proposed FY11 Budget	Distribution of Admin/Training Per FTE	Adjusted Service Area Req.	Allocation Method
1125	VP, Customer Care	3.00	561,961	0	0	Distributed amongst all orgs per FTE
8801	Call Center Administration	2.00	203,024	0	0	Distributed amongst all orgs per FTE
8802	Billing Services Adminstration	11.00	1,051,959	0	0	Distributed amongst all orgs per FTE
8804	Call Center Training	12.00	853,660	0	0	Distributed amongst all orgs per FTE
8992	Customer Care & Marketing Corporate	0	36,274	0	0	Distributed amongst all orgs per FTE
8803	Customer Center Complaint	18.00	1,675,400	190,327	1,865,727	100% AE (AE is accepting 100% of the cost because no way to capture that
8805	Remittance Processing	13.00	982,937	137,459	1,120,396	Service Revenue by Utility
8806	Call Center Operation System Mgmt	3.00	317,481	31,721	349,202	Service Revenue by Utility
8807	Billing	21.00	1,030,943	222,049	1,252,992	Bills by E, W, WW only
8807	Billing - CIS	0	9,545,650	0	9,545,650	Service Revenue by Utility
8807	Billing - Postage	0	2,134,440	0	2,134,440	Bills by Utility
8809	Rev Measure-Field Services Ops	33.00	2,490,148	348,933	2,839,081	Service Orders by Utility
8810	Rev Measure-Contract Compliance	1.00	3,088,332	10,573.74	3,098,906	Meters Read
8811	Revenue Measurement & Control	2.00	546,075	21,147	567,222	Bills by E, W, WW only
8812	Revenue Measurement & Dispatch	1.00	73,138	10,574	83,712	Service Orders by Utility
8813	Call Center	70.00	6,965,783	740,162	7,705,945	Bills by E, W, WW only
8813	Call Center - Base Telephone	0	343,000	0	343,000	100% AE
8814	Credit Management	12.00	2,108,649	126,885	2,235,534	Service Revenue by Utility
8816	CCC-Consumer Services	9.00	726,719	95,164	821,883	100% AE
8817	Service Order Closing	15.00	911,374	158,606	1,069,980	Bills by E, W, WW only
8818	Quality Management	10.00	867,912	105,737	973,649	Bills by E, W, WW only
8819	Current Diversion	23.00	1,919,772	243,196	2,162,968	Total Meters By Utility
8820	CCC-Small Commercial	11.00	712,974	116,311	829,285	Service Revenue by E, W, WW Only
8823	East Branch Walk-In	10.00	711,885	105,737	817,622	Service Revenue by Utility
8824	Muli-Familiy Partnership Program	4.00	397,433	42,295	439,728	Bills by E, W, WW only
	Subtotal Call Center	**284.00**	**40,256,923**	**2,706,878**	**40,256,923**	
Other Austin Energy Cost Dedicated to Customer Care						
	AE IT CIS Projects	-	939,275	0	939,275	Overall Percentage Average
8341	CIS Accounting Services	-	665,685	0	665,685	Service Revenue by Utility
	CTM Cost Allocations	-	1,027,340	0	1,027,340	Service Revenue by Utility
	Subtotal Other Expenses		**2,632,300**	0	**2,632,300**	
	Total to be allocated		**42,889,223**	**2,706,878**	**42,889,223**	

Customer Care Cost Allocation Cost Per Org

Source: CC's FY09 data from CIS, FY10 Proposed Budget, and Allocation Methods

Org	Org name	Electric	Water	Wastewater	Solid Waste	Drainage	Transportation	Totals
8803	Customer Complaint	1,865,727	0	0	0	0	0	1,865,727
8805	Payment Processing	792,519	118,822	114,431	35,212	40,412	18,999	1,120,396
8806	System Management	247,010	37,034	35,666	10,975	12,595	5,922	349,202
8807	Customer Billing	637,855	317,082	298,055	0	0	0	1,252,992
8807	Customer Billing - CIS	6,752,178	1,012,348	974,941	300,006	344,304	161,873	9,545,650
8807	Customer Billing - Postage	481,138	239,177	224,825	392,986	408,669	387,646	2,134,440
8809	Field Services	1,712,750	899,205	227,127	0	0	0	2,839,081
8810	Meter Reading	1,392,542	1,520,429	185,934	0	0	0	3,098,906
8811	Revenue Measure & Control	288,753	143,541	134,928	0	0	0	567,222
8812	Dispatch	50,501	26,514	6,697	0	0	0	83,712
8813	Call Center	3,922,831	1,950,066	1,833,048	0	0	0	7,705,945
8813	Call Center - Base Telephone	343,000	0	0	0	0	0	343,000
8814	Credit Management	1,581,320	237,086	228,325	70,260	80,634	37,910	2,235,534
8816	Consumer Services	821,883	0	0	0	0	0	821,883
8817	RMGT Service Orders	544,690	270,769	254,521	0	0	0	1,069,980
8818	RMMGT Management Control	495,651	246,392	231,606	0	0	0	973,649
8819	Current Diversion	1,457,464	705,504	0	0	0	0	2,162,968
8820	Small commercial	637,604	95,595	96,086	0	0	0	829,285
8823	East Branch Walk-In	578,351	86,712	83,508	25,697	29,491	13,865	817,622
8824	Multi-Family Partnership Program	223,850	111,278	104,600	0	0	0	439,728
	Subtotal Call Center Allocable O&M	**24,827,619**	**8,017,553**	**5,034,296**	**835,135**	**916,105**	**626,215**	**40,256,923**
		61.67%	**19.92%**	**12.51%**	**2.07%**	**2.28%**	**1.56%**	**100.00%**
Other Austin Energy Cost Dedicated to Customer Care								
8341	CIS Accounting Services	410,547	132,578	83,247	13,810	15,149	10,355	665,685
	AE IT CIS Projects	579,278	187,066	117,460	19,485	21,375	14,611	939,275
	CTM Allocation	726,696	108,953	104,927	32,288	37,055	17,421	1,027,340
	Sub-Total Other Allocable Expense	**1,716,521**	**428,596**	**305,634**	**65,583**	**73,579**	**42,387**	**2,632,300**
	GRAND TOTAL ALLOCATIONS	**26,544,140**	**8,446,149**	**5,339,930**	**900,718**	**989,683**	**668,602**	**42,889,223**
	GRAND TOTAL PERCENTAGE ALLOCATIONS	**61.89%**	**19.69%**	**12.45%**	**2.10%**	**2.31%**	**1.56%**	**100.00%**

Customer Care Cost Allocation Project
Customer Care Meters Data
Source: CC's CIS

Electric

	Utility	Month	# of Meters	AMR	(Electric Meters - AMR) = Total Number of Manual Electric meters
	Electric	200810	435,708	151,608	284,100
	Electric	200811	437,236	187,701	249,535
	Electric	200812	440,826	207,688	233,138
	Electric	200901	456,651	224,086	232,565
	Electric	200902	438,038	236,972	201,066
	Electric	200903	445,999	253,352	192,647
	Electric	200904	451,274	272,109	179,165
	Electric	200905	439,557	293,320	146,237
	Electric	200906	432,947	311,105	121,842
	Electric	200907	438,934	332,827	106,107
	Electric	200908	432,222	355,551	76,671
	Electric	200909	440,854	374,081	66,773
Total	**Electric**		**5,290,246.00**	3,200,400	2,089,846
	Avg # Elec Meters		**440,854**		**174,154**

Water

	Utility	Month	# of Meters
	Water	200810	212,947
	Water	200811	213,022
	Water	200812	213,135
	Water	200901	223,226
	Water	200902	203,605
	Water	200903	213,464
	Water	200904	217,877
	Water	200905	214,213
	Water	200906	214,282
	Water	200907	226,444
	Water	200908	193,656
	Water	200909	214,939
Total	**Water**		**2,560,810.00**
	Avg # Water Meters		**213,401**

Total Meters

Utility	Meters	% of Total
Electric	440,854	67%
Water	213,401	33%
	654,255	**100%**

Total Meters Read

Utility	Meters Read	% of Total
Electric	174,154	**44.94%**
Water	213,401	**55.06%**
Total	**387,555**	**100.00%**

Customer Care Service Orders

Source: CC's CIS

Month	Electric S/O Count	Water S/O Count	El & WA S/O Count	Cumm Total
Oct-08	11,806	3,650	19,756	35,212
Nov-08	8,836	2,738	13,864	25,438
Dec-08	10,009	3,059	17,156	30,224
Jan-09	9,538	2,995	17,416	29,949
Feb-09	9,239	2,975	16,228	28,442
Mar-09	9,623	3,097	18,973	31,693
Apr-09	9,375	2,985	20,239	32,599
May-09	9,318	2,632	19,292	31,242
Jun-09	10,675	3,118	21,890	35,683
Jul-09	10,996	3,876	24,035	38,907
Aug-09	10,199	4,094	21,054	35,347
Sep-09	8,892	3,234	20,706	32,832
Total	**118,506**	**38,453**	**230,609**	**387,568**

ADJ. TOTAL	**233,811**	**153,758**		**387,568**
% TOTAL	60.33%	39.67%		
Formulas for Adjusted	**=118506+(0.5*230609)**	**=38453+(0.5*230,609)**		

		Formulas calculations
% Electric Only	30.58%	**118,506 divided by 387,568**
% Water Only	9.92%	**38,453 divided by 387,568**
% Elec & Water	59.50%	**230,609 divided by 387,568**
Cumm Total	**100.00%**	

2011 Proposed Budget

(Source Approved 2010 Budget)

***The FY2010 Proposed Customer Care Budget was developed by adjusting Medical Insurance object code by 8% over the FY2010 Approved amount. The remainder of the budget was held constant.**

Note: Doesn't include the 311 Information center

Sum of S	**FY2010 Proposed Budget***	
ORG	**ORGN_NAME**	**FY2011 PROPOSED Budget**
1125	VP, CUSTOMER CARE	561,961
8801	CALL CENTER ADMINISTRATION	203,024
8802	BILLING SERVICES ADMIN	1,051,959
8803	CALL CENTER CUSTOMER COMPLAINT	1,675,400
8804	CALL CENTER TRAINING	853,660
8805	REMITTANCE PROCESSING	982,937
8806	CCC-SYSTEM MANAGEMENT	317,481
8807	BILLING	12,711,033
8809	REV MEASURE-FIELD SERVICES OPS	2,490,148
8810	REV MEASUR-CONTRACT COMPLIANCE	3,088,332
8811	REVENUE MEASUREMENT&CONTROL	546,075
8812	REVENUE MEASUREMENT DISPATCH	73,138
8813	CALL CENTER	7,308,783
8814	CREDIT MANAGEMENT	2,108,649
8816	CCC-CONSUMER SERVICES	726,719
8817	SERVICE OERDER CLOSING	911,374
8818	QUALITY MANAGEMENT	867,912
8819	CURRENT DIVERSION	1,919,772
8820	CCC-SMALL COMMERCIAL	712,974
8823	EAST BRANCH WALK-IN	711,885
8824	MULTIFAMILY PARTNERSHIP PRGM	397,433
8992	CUST CARE & MARKETING CORP	36,274
Grand Total		**40,256,923**

Additional Budget		**FY2010 proposed Budget**
8341	CIS Accounting	665,685
ITT		939,275
CTM		1,027,340

42,889,223

Billing Data Summary

Source: CIS system

Summary - Revenue by Utility

Utility	FY2009	% of Total	FY2008	% of Total	FY2007	% of Total	FY09-07Avg.	% of Total	% of Change FY07 to FY09
Electric	1,038,240,789	69.48%	1,023,973,135	70.81%	926,029,198	72.11%	996,081,041	70.74%	12%
Water	172,940,171	11.57%	154,690,652	10.70%	120,393,861	9.38%	149,341,561	10.61%	44%
Wastewater	157,747,182	10.56%	148,753,393	10.29%	124,969,083	9.73%	143,823,220	10.21%	26%
SWS	45,052,869	3.02%	45,052,869	3.12%	42,664,816	3.32%	44,256,852	3.14%	6%
Drainage	51,969,956	3.48%	50,560,858	3.50%	49,844,307	3.88%	50,791,707	3.61%	4%
TUF	28,295,839	1.89%	23,122,402	1.60%	20,220,200	1.57%	23,879,480	1.70%	40%
Total	**1,494,246,806**	**100.00%**	**1,446,153,309**	**100.00%**	**1,284,121,466**	**100.00%**	**1,408,173,860**	**100.00%**	16%

Summary - Bills by Utility

Utility	FY2009	% of Total	FY2008	% of Total	FY2007	% of Total	FY09-07Avg.	% of Total	% of Change FY07 to FY09
Electric	4,984,147	22.61%	4,844,637	22.52%	4,749,024	22.50%	4,859,269	22.54%	5%
Water	2,472,806	11.22%	2,411,725	11.21%	2,362,198	11.19%	2,415,576	11.21%	5%
Wastewater	2,328,511	10.56%	2,267,083	10.54%	2,216,277	10.50%	2,270,624	10.53%	5%
SWS	3,991,824	18.11%	3,991,824	18.56%	3,923,274	18.59%	3,968,974	18.41%	2%
Drainage	4,238,073	19.22%	4,102,168	19.07%	4,041,851	19.15%	4,127,364	19.15%	5%
TUF	4,032,194	18.29%	3,895,750	18.11%	3,817,194	18.08%	3,915,046	18.16%	6%
Total	**22,047,555**	**100.00%**	**21,513,187**	**100.00%**	**21,109,818**	**100.00%**	**21,556,853**	**100.00%**	4%

Summary - Revenue by Electric, Water, Wastewater

Utility	FY2009	% of Total	FY2008	% of Total	FY2007	% of Total	FY09-07Avg.	% of Total	% of Change FY07 to FY09
Electric	1,038,240,789	75.84%	1,023,973,135	77.14%	926,029,198	77.80%	996,081,041	76.89%	12%
Water	172,940,171	12.63%	154,690,652	11.65%	120,393,861	10.12%	149,341,561	11.53%	44%
Wastewater	157,747,182	11.52%	148,753,393	11.21%	143,823,220	12.08%	150,107,932	11.59%	10%
Total	**1,368,928,142**	**100.00%**	**1,327,417,180**	**100.00%**	**1,190,246,279**	**100.00%**	**1,295,530,534**	**100.00%**	

Summary - Bills by Electric, Water, Wastewater

Utility	FY2009	% of Total	FY2008	% of Total	FY2007	% of Total	FY09-07Avg.	% of Total	FY07 to FY09
Electric	4,984,147	50.93%	4,844,637	50.87%	4,749,024	50.91%	4,859,269	50.91%	
Water	2,472,806	25.27%	2,411,725	25.32%	2,362,198	25.33%	2,415,576	25.31%	
Wastewater	2,328,511	23.80%	2,267,083	23.81%	2,216,277	23.76%	2,270,624	23.79%	
Total	**9,785,464**	**100.00%**	**9,523,445**	**100.00%**	**9,327,499**	**100.00%**	**9,545,469**	**100.00%**	

Customer Care Cost Allocation Project

FTEs by Organization

Source: Customer Care FTE Count
Personnel count as of Budget

ORGN	ORGN_NAME	Total
1125	VP, CUSTOMER CARE	3.00
8801	CALL CENTER ADMINISTRATION	2.00
8802	CAS-ADMIN	11.00
8803	CALL CENTER CUSTOMER COMPLAINT	18.00
8804	CALL CENTER TRAINING	12.00
8805	CAS-PAYMENT PROCESSING	13.00
8806	CCC-SYSTEM MANAGEMENT	3.00
8807	CAS-BILLING	21.00
8808	CAS-ARCP/RESEARCH	-
8809	REV MEASURE-FIELD SERVICES OPS	33.00
8810	REV MEASUR-CONTRACT COMPLIANCE	1.00
8811	REVENUE MEASUREMENT&CONTROL	2.00
8812	REVENUE MEASUREMENT DISPATCH	1.00
8813	CALL CENTER	70.00
8814	CAS-CREDIT MGMT	12.00
8816	CCC-CONSUMER SERVICES	9.00
8817	CAS-SERVICE ORDER CLOSING	15.00
8818	QUALITY MANAGMENT	10.00
8819	CURRENT DIVERSION	23.00
8820	CCC-SMALL COMMERCIAL	11.00
8823	EAST BRANCH WALK-IN	10.00
8824	MULTIFAMILY PARTNERSHIP PRGM	4.00
Grand Total		**284.00**

Does not include Org. 8821 311 Call Center's	68.00

Customer Care Projected FY2011 Budget

					0.08		
Sum of SumOfAMOUNT							
orglink	**ORGN_N**	**Object C**	**OBJECT_**	**OBJECT_GESCRIPTION**	**Total**	**Insurance Multiplier @ 8%**	**FY2011 Projected Budget**
1125	**Vp, Cus**	Personn	**5001**	Regular wages - full-time	241,571.00		241,571.00
			5026	Stability pay	1,500.00		1,500.00
			5051	Personnel savings	(23,117.00)		(23,117.00)
			5052	Furlough savings	(1,536.00)		(1,536.00)
			5133	Phone allowance	420.00		420
			5185	Insurance-health/life/dental	25,857.00	2,068.56	27,925.56
			5190	FICA tax	15,097.00		15,097.00
			5191	Medicare tax	3,531.00		3,531.00
			5196	Contribution to employees ret	19,326.00		19,326.00
		Contrac	**5860**	Services-other	79,507.00		79,507.00
			6501	Travel city business	12,642.00		12,642.00
			6503	Staff dev-seminars	980.00		980.00
			6632	Memberships	34,300.00		34,300.00
			6633	Subscriptions	1,186.00		1,186.00
		Commo	**7454**	Educational/promotional	980.00		980.00
			7482	Food/ice	980.00		980.00
			7486	Books-library	980.00		980.00
			7500	Office supplies	490.00		490.00
			7600	Small tools/minor equipment	392.00		392.00
1125 Total					**415,086.00**	**2,068.56**	**417,154.56**
8800	**Reimbu**	Expens	**8504**	AE customer care/other city de	(14,419,917.00)		(14,419,917.00)
8800 Total					**(14,419,917.00)**	**0.00**	**(14,419,917.00)**
8801	**Call Ce**	Personn	**5001**	Regular wages - full-time	128,211.00		128,211.00
			5026	Stability pay	2,000.00		2,000.00
			5051	Personnel savings	(15,410.00)		(15,410.00)
			5052	Furlough savings	(1,391.00)		(1,391.00)
			5133	Phone allowance	1,260.00		1,260.00
			5185	Insurance-health/life/dental	17,238.00	1,379.04	18,617.04
			5190	FICA tax	8,151.00		8,151.00
			5191	Medicare tax	1,906.00		1,906.00
			5196	Contribution to employees ret	10,257.00		10,257.00
		Contrac	**5610**	Services-janitorial	490.00		490.00
			6450	AGvertising/publication	784.00		784.00

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8801	Call Ce	Contrac	6503	Staff dev-seminars	882.00		882.00
			6551	Mileage reimbursements	294.00		294.00
		Commc	7135	Household/cleaning supplies	98.00		98.00
			7425	Medical/dental supplies	98.00		98.00
			7482	Food/ice	343.00		343.00
			7486	Books-library	245.00		245.00
			7500	Office supplies	980.00		980.00
			7600	Small tools/minor equipment	98.00		98.00
			7601	Safety equipment	294.00		294.00
			7610	Minor computer hardware	686.00		686.00
8801 Total					157,514.00	1,379.04	158,893.04
8802	Billing	Personr	5001	Regular wages - full-time	620,549.00		620,549.00
			5005	Overtime	10,000.00		10,000.00
			5026	Stability pay	10,312.00		10,312.00
			5051	Personnel savings	(61,339.00)		(61,339.00)
			5052	Furlough savings	(5,908.00)		(5,908.00)
			5133	Phone allowance	1,680.00		1,680.00
			5185	Insurance-health/life/dental	94,809.00	7,584.72	102,393.72
			5190	FICA tax	39,219.00		39,219.00
			5191	Medicare tax	9,171.00		9,171.00
			5196	Contribution to employees ret	49,642.00		49,642.00
		Contrac	6246	Interdeptl-records retention	24,500.00		24,500.00
			6452	Printing/binding/photo/repr	4,900.00		4,900.00
			6501	Travel city business	3,920.00		3,920.00
			6503	Staff dev-seminars	1,764.00		1,764.00
			6551	Mileage reimbursements	588.00		588.00
			6633	Subscriptions	98.00		98.00
		Commc	7454	Educational/promotional	1,176.00		1,176.00
			7482	Food/ice	5,292.00		5,292.00
			7500	Office supplies	24,500.00		24,500.00
			7600	Small tools/minor equipment	4,370.00		4,370.00
			7615	Office furnishings	4,900.00		4,900.00
8802 Total					844,143.00	7,584.72	851,727.72
8803	Cust. C	Personr	5001	Regular wages - full-time	938,059.00		938,059.00
			5026	Stability pay	14,890.00		14,890.00
			5051	Personnel savings	(98,242.00)		(98,242.00)

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8803	Cust. C	Personn	5052	Furlough savings	(5,940.00)		(5,940.00)
			5133	Phone allowance	840.00		840.00
			5185	Insurance-health/life/dental	155,142.00	12,411.36	167,553.36
			5190	FICA tax	59,134.00		59,134.00
			5191	Medicare tax	13,830.00		13,830.00
			5196	Contribution to employees ret	75,046.00		75,046.00
		Contrac	5860	Services-other	441,000.00		441,000.00
			6126	Rental-other equipment	735.00		735.00
			6406	Telephone equipment	980.00		980.00
			6415	Postage	32,340.00		32,340.00
			6452	Printing/binding/photo/repr	29,400.00		29,400.00
			6503	Staff dev-seminars	1,498.00		1,498.00
			6551	Mileage reimbursements	588.00		588.00
		Commc	7127	Electrical/lighting	196.00		196.00
			7454	Educational/promotional	2,940.00		2,940.00
			7482	Food/ice	1,396.00		1,396.00
			7500	Office supplies	3,724.00		3,724.00
			7580	Software	1,372.00		1,372.00
			7600	Small tools/minor equipment	1,323.00		1,323.00
			7610	Minor computer hardware	1,960.00		1,960.00
8803 Total					1,672,211.00	12,411.36	1,684,622.36
8804	Call Ce	Personn	5001	Regular wages - full-time	601,888.00		601,888.00
			5026	Stability pay	3,500.00		3,500.00
			5051	Personnel savings	(45,002.00)		(45,002.00)
			5052	Furlough savings	(3,729.00)		(3,729.00)
			5185	Insurance-health/life/dental	103,428.00	8,274.24	111,702.24
			5190	FICA tax	37,533.00		37,533.00
			5191	Medicare tax	8,777.00		8,777.00
			5196	Contribution to employees ret	48,153.00		48,153.00
		Contrac	6388	Maintenance-computer software	7,840.00		7,840.00
			6452	Printing/binding/photo/repr	4,234.00		4,234.00
			6501	Travel city business	5,880.00		5,880.00
			6503	Staff dev-seminars	5,619.00		5,619.00
			6632	Memberships	1,470.00		1,470.00
		Commc	7135	Household/cleaning supplies	49.00		49.00
			7425	Medical/dental supplies	294.00		294.00

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8804	Call Ce	Commc	7454	Educational/promotional	1,960.00		1,960.00
			7482	Food/ice	735.00		735.00
			7486	Books-library	735.00		735.00
			7500	Office supplies	3,920.00		3,920.00
			7580	Software	1,960.00		1,960.00
			7610	Minor computer hardware	735.00		735.00
8804 Total					789,979.00	8,274.24	798,253.24
8805	Remitta	Personr	5001	Regular wages - full-time	648,359.00		648,359.00
			5026	Stability pay	8,760.00		8,760.00
			5051	Personnel savings	(61,918.00)		(61,918.00)
			5052	Furlough savings	(5,328.00)		(5,328.00)
			5133	Phone allowance	420.00		420.00
			5185	Insurance-health/life/dental	112,047.00	8,963.76	121,010.76
			5190	FICA tax	40,768.00		40,768.00
			5191	Medicare tax	9,533.00		9,533.00
			5196	Contribution to employees ret	51,866.00		51,866.00
		Contrac	5860	Services-other	31,850.00		31,850.00
			6128	Rental-safe deposit/postal	1,323.00		1,323.00
			6250	Fleet-equip.preventative maint	7,827.00		7,827.00
			6255	Transportation-city veh fuel	6,753.00		6,753.00
			6386	Maintenance-office equipmen	19,600.00		19,600.00
			6389	Maintenance-other equipment	980.00		980.00
			6503	Staff dev-seminars	3,747.00		3,747.00
			6551	Mileage reimbursements	98.00		98.00
			6632	Memberships	490.00		490.00
		Commc	7500	Office supplies	9,800.00		9,800.00
			7600	Small tools/minor equipment	980.00		980.00
8805 Total					887,955.00	8,963.76	896,918.76
8806	Call Cn	Personr	5001	Regular wages - full-time	166,150.00		166,150.00
			5005	Overtime	1,400.00		1,400.00
			5026	Stability pay	1,000.00		1,000.00
			5051	Personnel savings	(9,656.00)		(9,656.00)
			5052	Furlough savings	(379.00)		(379.00)
			5185	Insurance-health/life/dental	25,857.00	2,068.56	27,925.56
			5190	FICA tax	10,364.00		10,364.00
			5191	Medicare tax	2,425.00		2,425.00

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8806	Call Cn	Personn	5196	Contribution to employees ret	13,292.00		13,292.00
		Contrac	6551	Mileage reimbursements	196.00		196.00
		Commo	7610	Minor computer hardware	392.00		392.00
8806 Total					211,041.00	2,068.56	213,109.56
8807	Billing	Personn	5001	Regular wages - full-time	1,057,787.00		1,057,787.00
			5005	Overtime	20,000.00		20,000.00
			5026	Stability pay	16,682.00		16,682.00
			5051	Personnel savings	(103,592.00)		(103,592.00)
			5052	Furlough savings	(7,321.00)		(7,321.00)
			5133	Phone allowance	1,140.00		1,140.00
			5185	Insurance-health/life/dental	180,999.00	14,479.92	195,478.92
			5190	FICA tax	66,691.00		66,691.00
			5191	Medicare tax	15,594.00		15,594.00
			5196	Contribution to employees ret	84,619.00		84,619.00
		Contrac	5860	Services-other	9,547,650.00		9,547,650.00
			6250	Fleet-equip.preventative maint	980.00		980.00
			6255	Transportation-city veh fuel	882.00		882.00
			6415	Postage	2,091,751.00		2,091,751.00
			6452	Printing/binding/photo/repr	19,600.00		19,600.00
			6501	Travel city business	1,960.00		1,960.00
			6854	Miscellaneous expense	215,600.00		215,600.00
		Commo	7478	Clothing/clothing material	294.00		294.00
8807 Total					13,211,316.00	14,479.92	13,225,795.92
8809	Rev Me	Personn	5001	Regular wages - full-time	1,476,013.00		1,476,013.00
			5004	Shift Gifferential	9,400.00		9,400.00
			5005	Overtime	175,324.00		175,324.00
			5026	Stability pay	23,465.00		23,465.00
			5030	On call hours	8,596.00		8,596.00
			5037	Call back time	21,890.00		21,890.00
			5051	Personnel savings	(158,237.00)		(158,237.00)
			5052	Furlough savings	(10,997.00)		(10,997.00)
			5133	Phone allowance	1,560.00		1,560.00
			5185	Insurance-health/life/dental	284,427.00	22,754.16	307,181.16
			5190	FICA tax	93,061.00		93,061.00
			5191	Medicare tax	21,765.00		21,765.00
			5196	Contribution to employees ret	118,085.00		118,085.00

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8809	Rev Me	Contrac	6203	Interdeptl charges	941.00		941.00
			6250	Fleet-equip.preventative maint	108,807.00		108,807.00
			6255	Transportation-city veh fuel	291,480.00		291,480.00
			6387	Maintenance-computer harGware	1,039.00		1,039.00
			6452	Printing/binding/photo/repr	1,249.00		1,249.00
			6501	Travel city business	3,110.00		3,110.00
		Commc	7122	Hardware/wire/steel	462.00		462.00
			7134	Chemicals	980.00		980.00
			7135	Household/cleaning supplies	980.00		980.00
			7310	Gasoline/oil/grease	980.00		980.00
			7450	Photographic	490.00		490.00
			7456	Identification	98.00		98.00
			7460	Meters	4,547.00		4,547.00
			7478	Clothing/clothing material	25,375.00		25,375.00
			7600	Small tools/minor equipment	5,990.00		5,990.00
			7601	Safety equipment	9,187.00		9,187.00
8809 Total					2,520,067.00	22,754.16	2,542,821.16
8810	Rev Me	Personr	5001	Regular wages - full-time	61,069.00		61,069.00
			5026	Stability pay	1,000.00		1,000.00
			5051	Personnel savings	(6,020.00)		(6,020.00)
			5052	Furlough savings	(506.00)		(506.00)
			5185	Insurance-health/life/dental	8,619.00	689.52	9,308.52
			5190	FICA tax	3,848.00		3,848.00
			5191	Medicare tax	900.00		900.00
			5196	Contribution to employees ret	4,886.00		4,886.00
		Contrac	5860	Services-other	3,145,236.00		3,145,236.00
			6415	Postage	44.00		44.00
			6416	Priority mail/parcel services	176.00		176.00
			6503	Staff dev-seminars	1,873.00		1,873.00
8810 Total					3,221,125.00	689.52	3,221,814.52
8811	Revenu	Personr	5001	Regular wages - full-time	156,853.00		156,853.00
			5026	Stability pay	2,464.00		2,464.00
			5051	Personnel savings	(15,256.00)		(15,256.00)
			5052	Furlough savings	(1,771.00)		(1,771.00)
			5133	Phone allowance	1,140.00		1,140.00
			5185	Insurance-health/life/dental	17,238.00	1,379.04	18,617.04

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8811	Revenu	Personn	5190	FICA tax	9,337.00		9,337.00
			5191	Medicare tax	2,326.00		2,326.00
			5196	Contribution to employees ret	12,548.00		12,548.00
		Contrac	6121	Rental-real estate-office	313,600.00		313,600.00
			6415	Postage	441.00		441.00
			6452	Printing/binding/photo/repr	1,323.00		1,323.00
			6501	Travel city business	1,960.00		1,960.00
			6551	Mileage reimbursements	1,176.00		1,176.00
		Commo	7482	Food/ice	3,051.00		3,051.00
			7500	Office supplies	10,192.00		10,192.00
			7600	Small tools/minor equipment	18,914.00		18,914.00
			7610	Minor computer hardware	980.00		980.00
8811 Total					536,516.00	1,379.04	537,895.04
8812	Rev Me	Personn	5001	Regular wages - full-time	60,174.00		60,174.00
			5051	Personnel savings	(4,871.00)		(4,871.00)
			5185	Insurance-health/life/dental	8,619.00	689.52	9,308.52
			5190	FICA tax	3,731.00		3,731.00
			5191	Medicare tax	873.00		873.00
			5196	Contribution to employees ret	4,814.00		4,814.00
		Contrac	6416	Priority mail/parcel services	706.00		706.00
		Commo	7500	Office supplies	980.00		980.00
8812 Total					75,026.00	689.52	75,715.52
8813	Call Ce	Personn	5001	Regular wages - full-time	3,118,800.00		3,118,800.00
			5004	Shift Gifferential	12,000.00		12,000.00
			5005	Overtime	64,000.00		64,000.00
			5026	Stability pay	35,779.00		35,779.00
			5037	Call back time	1,418.00		1,418.00
			5051	Personnel savings	(281,227.00)		(281,227.00)
			5052	Furlough savings	(21,933.00)		(21,933.00)
			5133	Phone allowance	2,220.00		2,220.00
			5185	Insurance-health/life/dental	603,330.00	48,266.40	651,596.40
			5190	FICA tax	195,712.00		195,712.00
			5191	Medicare tax	45,782.00		45,782.00
			5196	Contribution to employees ret	249,517.00		249,517.00
		Contrac	5720	Services-temporary employme	1,764,000.00		1,764,000.00
			5860	Services-other	528,857.00		528,857.00

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8813	Call Ce	Contrac	6123	Rental-real estate-other	784.00		784.00
			6389	Maintenance-other equipment	238,140.00		238,140.00
			6404	Telephone-base cost	343,000.00		343,000.00
			6406	Telephone equipment	2,940.00		2,940.00
			6503	Staff dev-seminars	8,753.00		8,753.00
			6551	Mileage reimbursements	196.00		196.00
			6632	Memberships	833.00		833.00
		Commc	7127	Electrical/lighting	490.00		490.00
			7425	Medical/dental supplies	98.00		98.00
			7482	Food/ice	4,900.00		4,900.00
			7500	Office supplies	7,840.00		7,840.00
			7580	Software	84,280.00		84,280.00
			7601	Safety equipment	490.00		490.00
			7610	Minor computer hardware	5,880.00		5,880.00
			7615	Office furnishings	108.00		108.00
8813 Total					7,016,987.00	48,266.40	7,065,253.40
8814	CreGit	Personr	5001	Regular wages - full-time	581,734.00		581,734.00
			5026	Stability pay	6,182.00		6,182.00
			5037	Call back time	3,000.00		3,000.00
			5051	Personnel savings	(54,491.00)		(54,491.00)
			5052	Furlough savings	(4,612.00)		(4,612.00)
			5133	Phone allowance	1,260.00		1,260.00
			5185	Insurance-health/life/dental	103,428.00	8,274.24	111,702.24
			5190	FICA tax	36,528.00		36,528.00
			5191	Medicare tax	8,543.00		8,543.00
			5196	Contribution to employees ret	46,537.00		46,537.00
		Contrac	5860	Services-other	1,465,100.00		1,465,100.00
			6415	Postage	980.00		980.00
			6452	Printing/binding/photo/repr	9,800.00		9,800.00
			6501	Travel city business	490.00		490.00
			6503	Staff dev-seminars	1,873.00		1,873.00
			6551	Mileage reimbursements	588.00		588.00
			6633	Subscriptions	980.00		980.00
		Commc	7482	Food/ice	1,102.00		1,102.00
			7500	Office supplies	1,960.00		1,960.00
8814 Total					2,210,982.00	8,274.24	2,219,256.24

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8816	Call Ce	Personn	5001	Regular wages - full-time	577,033.00		577,033.00
			5026	Stability pay	8,000.00		8,000.00
			5051	Personnel savings	(55,326.00)		(55,326.00)
			5052	Furlough savings	(5,403.00)		(5,403.00)
			5133	Phone allowance	720.00		720.00
			5185	Insurance-health/life/dental	77,571.00	6,205.68	83,776.68
			5190	FICA tax	36,317.00		36,317.00
			5191	Medicare tax	8,494.00		8,494.00
			5196	Contribution to employees ret	46,163.00		46,163.00
		Contrac	6501	Travel city business	1,960.00		1,960.00
			6503	Staff dev-seminars	1,372.00		1,372.00
			6551	Mileage reimbursements	490.00		490.00
			6632	Memberships	980.00		980.00
			6633	Subscriptions	98.00		98.00
		Commo	7482	Food/ice	784.00		784.00
			7500	Office supplies	735.00		735.00
			7600	Small tools/minor equipment	490.00		490.00
			7610	Minor computer hardware	490.00		490.00
			7615	Office furnishings	3,185.00		3,185.00
8816 Total					704,153.00	6,205.68	710,358.68
8817	Service	Personn	5001	Regular wages - full-time	677,188.00		677,188.00
			5026	Stability pay	8,619.00		8,619.00
			5051	Personnel savings	(64,103.00)		(64,103.00)
			5052	Furlough savings	(5,608.00)		(5,608.00)
			5185	Insurance-health/life/dental	129,285.00	10,342.80	139,627.80
			5190	FICA tax	42,523.00		42,523.00
			5191	Medicare tax	9,943.00		9,943.00
			5196	Contribution to employees ret	54,170.00		54,170.00
		Contrac	5860	Services-other	1,960.00		1,960.00
8817 Total					853,977.00	10,342.80	864,319.80
8818	Quality	Personn	5001	Regular wages - full-time	662,252.00		662,252.00
			5026	Stability pay	4,000.00		4,000.00
			5051	Personnel savings	(54,301.00)		(54,301.00)
			5052	Furlough savings	(6,193.00)		(6,193.00)
			5133	Phone allowance	1,140.00		1,140.00
			5185	Insurance-health/life/dental	86,190.00	6,895.20	93,085.20

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8818	Quality	Personn	5190	FICA tax	40,708.00		40,708.00
			5191	Medicare tax	9,678.00		9,678.00
			5196	Contribution to employees ret	52,980.00		52,980.00
		Contrac	6501	Travel city business	980.00		980.00
			6503	Staff dev-seminars	1,960.00		1,960.00
			6561	Parking costs	147.00		147.00
		Commc	7454	Educational/promotional	343.00		343.00
			7482	Food/ice	441.00		441.00
			7486	Books-library	196.00		196.00
			7500	Office supplies	735.00		735.00
			7580	Software	735.00		735.00
			7600	Small tools/minor equipment	49.00		49.00
8818 Total					802,040.00	6,895.20	808,935.20
8819	Curren	Personn	5001	Regular wages - full-time	1,151,905.00		1,151,905.00
			5005	Overtime	34,439.00		34,439.00
			5026	Stability pay	14,900.00		14,900.00
			5030	On call hours	5,400.00		5,400.00
			5037	Call back time	7,054.00		7,054.00
			5051	Personnel savings	(95,814.00)		(95,814.00)
			5052	Furlough savings	(9,085.00)		(9,085.00)
			5133	Phone allowance	840.00		840.00
			5185	Insurance-health/life/dental	198,237.00	15,858.96	214,095.96
			5190	FICA tax	72,391.00		72,391.00
			5191	Medicare tax	16,931.00		16,931.00
			5196	Contribution to employees ret	92,154.00		92,154.00
		Contrac	6203	Interdeptl charges	130,610.00		130,610.00
			6250	Fleet-equip.preventative maint	2,419.00		2,419.00
			6452	Printing/binding/photo/repr	1,253.00		1,253.00
			6501	Travel city business	1,470.00		1,470.00
			6503	Staff dev-seminars	4,744.00		4,744.00
			6633	Subscriptions	4,567.00		4,567.00
			6843	Government permits anG fees	384.00		384.00
		Commc	7134	Chemicals	490.00		490.00
			7310	Gasoline/oil/grease	490.00		490.00
			7478	Clothing/clothing material	1,859.00		1,859.00
			7600	Small tools/minor equipment	7,515.00		7,515.00

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8819	Curren	Commo	7601	Safety equipment	1,728.00		1,728.00
8819 Total					1,646,881.00	15,858.96	1,662,739.96
8820	Ccc-Sn	Personn	5001	Regular wages - full-time	518,419.00		518,419.00
			5026	Stability pay	8,531.00		8,531.00
			5037	Call back time	3,000.00		3,000.00
			5051	Personnel savings	(51,151.00)		(51,151.00)
			5052	Furlough savings	(4,293.00)		(4,293.00)
			5185	Insurance-health/life/dental	94,809.00	7,584.72	102,393.72
			5190	FICA tax	32,671.00		32,671.00
			5191	Medicare tax	7,639.00		7,639.00
			5196	Contribution to employees ret	41,478.00		41,478.00
		Contrac	6123	Rental-real estate-other	490.00		490.00
			6406	Telephone equipment	980.00		980.00
			6450	AGvertising/publication	1,764.00		1,764.00
			6452	Printing/binding/photo/repr	1,078.00		1,078.00
			6503	Staff dev-seminars	1,873.00		1,873.00
			6551	Mileage reimbursements	588.00		588.00
			6632	Memberships	490.00		490.00
		Commo	7454	Educational/promotional	1,176.00		1,176.00
			7482	Food/ice	1,078.00		1,078.00
			7500	Office supplies	1,078.00		1,078.00
			7600	Small tools/minor equipment	490.00		490.00
			7610	Minor computer hardware	490.00		490.00
			7615	Office furnishings	980.00		980.00
8820 Total					663,658.00	7,584.72	671,242.72
8821	Call Cn	Personn	5001	Regular wages - full-time	3,044,106.00		3,044,106.00
			5005	Overtime	49,560.00		49,560.00
			5026	Stability pay	10,612.00		10,612.00
			5051	Personnel savings	(281,537.00)		(281,537.00)
			5052	Furlough savings	(20,259.00)		(20,259.00)
			5133	Phone allowance	4,380.00		4,380.00
			5185	Insurance-health/life/dental	586,092.00	46,887.36	632,979.36
			5190	FICA tax	189,008.00		189,008.00
			5191	Medicare tax	44,365.00		44,365.00
			5196	Contribution to employees ret	243,542.00		243,542.00
		Contrac	5280	Consultant-others	138,180.00		138,180.00

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8821	Call Cn	Contrac	5720	Services-temporary employme	2,254,000.00		2,254,000.00
			5860	Services-other	112,543.00		112,543.00
			6121	Rental-real estate-office	509,600.00		509,600.00
			6388	Maintenance-computer software	519,400.00		519,400.00
			6404	Telephone-base cost	140,169.00		140,169.00
			6406	Telephone equipment	2,450.00		2,450.00
			6501	Travel city business	6,860.00		6,860.00
			6503	Staff dev-seminars	8,242.00		8,242.00
			6551	Mileage reimbursements	4,900.00		4,900.00
			6632	Memberships	1,470.00		1,470.00
			6633	Subscriptions	490.00		490.00
		Commc	7454	Educational/promotional	4,900.00		4,900.00
			7478	Clothing/clothing material	1,470.00		1,470.00
			7482	Food/ice	6,370.00		6,370.00
			7486	Books-library	2,842.00		2,842.00
			7500	Office supplies	6,174.00		6,174.00
			7580	Software	33,663.00		33,663.00
			7600	Small tools/minor equipment	8,330.00		8,330.00
		Expens	8505	Expense refunGs	(2,000,000.00)		(2,000,000.00)
8821 Total					5,631,922.00	46,887.36	5,678,809.36
8823	East Br	Personr	5001	Regular wages - full-time	485,909.00		485,909.00
			5005	Overtime	3,000.00		3,000.00
			5026	Stability pay	3,448.00		3,448.00
			5051	Personnel savings	(37,788.00)		(37,788.00)
			5052	Furlough savings	(2,491.00)		(2,491.00)
			5133	Phone allowance	420.00		420.00
			5185	Insurance-health/life/dental	86,190.00	6,895.20	93,085.20
			5190	FICA tax	30,366.00		30,366.00
			5191	Medicare tax	7,102.00		7,102.00
			5196	Contribution to employees ret	38,873.00		38,873.00
		Contrac	5560	Services-construction contr	196,000.00		196,000.00
			5860	Services-other	29,400.00		29,400.00
			6383	Maintenance-builGings	196.00		196.00
			6406	Telephone equipment	3,528.00		3,528.00
			6452	Printing/binding/photo/repr	980.00		980.00
			6501	Travel city business	490.00		490.00

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
8823	East Br	Contrac	6503	Staff dev-seminars	1,049.00		1,049.00
			6551	Mileage reimbursements	490.00		490.00
		Commc	7135	Household/cleaning supplies	490.00		490.00
			7478	Clothing/clothing material	2,205.00		2,205.00
			7580	Software	4,900.00		4,900.00
			7600	Small tools/minor equipment	980.00		980.00
			7610	Minor computer hardware	4,655.00		4,655.00
			7615	Office furnishings	4,410.00		4,410.00
			7815	Cash over/short	490.00		490.00
8823 Total					865,292.00	6,895.20	872,187.20
8824	Multifa	Personr	5001	Regular wages - full-time	196,664.00		196,664.00
			5051	Personnel savings	(20,190.00)		(20,190.00)
			5052	Furlough savings	(1,206.00)		(1,206.00)
			5185	Insurance-health/life/dental	34,476.00	2,758.08	37,234.08
			5190	FICA tax	12,194.00		12,194.00
			5191	Medicare tax	2,851.00		2,851.00
			5196	Contribution to employees ret	15,734.00		15,734.00
		Contrac	5860	Services-other	110,074.00		110,074.00
			6404	Telephone-base cost	490.00		490.00
			6452	Printing/binding/photo/repr	980.00		980.00
			6501	Travel city business	1,470.00		1,470.00
			6503	Staff dev-seminars	899.00		899.00
			6551	Mileage reimbursements	294.00		294.00
			6632	Memberships	980.00		980.00
		Commc	7454	Educational/promotional	588.00		588.00
			7482	Food/ice	392.00		392.00
			7500	Office supplies	392.00		392.00
			7615	Office furnishings	1,470.00		1,470.00
8824 Total					358,552.00	2,758.08	361,310.08
8992	Custon	Contrac	6407	Telephone-cellular phones	19,418.00		19,418.00
			6854	Miscellaneous expense	16,856.00		16,856.00
8992 Total					36,274.00	0.00	36,274.00
GranD Total					30,912,780.00	242,711.04	31,155,491.04
					Minus Citywide call center		(5,678,809.36)
					Add back expenses refund from other Utilities		14,419,917.00
							39,896,598.68

Sum of SumOfAMOUNT							
orglink	ORGN_N	Object C	OBJECT_	OBJECT_GESCRIPTION	Total	Insurance Multiplier @ 8%	FY2011 Projected Budget
					Additional Budget		FY2010 proposed Budget
					8341	CIS Accounting	665,685
					ITT		939,275
					CTM		1,027,340
							42,528,898.68

FY2012 PROPOSED CUSTOMER CARE ALLOCATION

KPMG MODEL

Assumptions:	***%***
Regular Wages	3%
Medical Insurance	10%
CTM transfer	2.50%

FY2012 Proposed AE Cost Allocation

Allocation based on KPMG FY02 Model

Utility	FY12 Budget Alloc	% of Total
Electric *	$ 27,964,475.4	58.93%
Water	$ 10,573,658.5	22.28%
Wastewater	$ 5,982,440.8	12.61%
Solid Waste	$ 1,057,442.9	2.23%
Drainage	$ 1,083,025.4	2.28%
Transportation	$ 795,996.5	1.68%
Total	**$ 47,457,040**	**100.00%**
Reimbursements	**$ 19,492,564**	

FY 2012 Allocation Factors & Percents Per Utility

Allocation Factors	Electric	Water	Wastewater	Solid Waste	Drainage	Transportation	Totals
Service Revenue by Utility	69.96%	10.62%	10.22%	3.58%	3.59%	2.02%	100.00%
Service Revenue by E, W, WW only	77.02%	11.69%	11.29%				100.00%
Bills by Utility	22.50%	11.15%	10.50%	18.48%	19.17%	18.21%	100.00%
Bills by E, W, WW only	50.96%	25.26%	23.78%				100.00%
Service Orders by Utility	58.32%	33.68%	**8.00%**				100.00%
Meters Read	16.31%	77.69%	**6.00%**				100.00%
Total Meters By Utility	66.28%	33.72%					100.00%

0

Allocation of Customer Care Orgs

Source: CC's FY10 data from CIS, FY11 Amended Budget with projected assumptions

Distribution Of Administrative Budget By Allocation Factors within Customer Care

Org.	Description	FTEs	Proposed FY12 Budget	Distribution of Admin/Training Per FTE	Adjusted Service Area Req.	Allocation Method
1125	VP, Customer Care	3.00	574,261	0	0	Distributed amongst all orgs per FTE
8801	Call Center Administration	2.00	209,594	0	0	Distributed amongst all orgs per FTE
8802	Billing Services Adminstration	11.00	1,081,224	0	0	Distributed amongst all orgs per FTE
8804	Call Center Training	11.00	881,134	0	0	Distributed amongst all orgs per FTE
8992	Customer Care & Marketing Corporate	0	36,274	0	0	Distributed amongst all orgs per FTE
8803	Customer Center Complaint	17.00	1,718,020	186,229	1,904,250	100% AE (AE is accepting 100% of the cost because no way to capture that
8805	Remittance Processing	14.00	1,017,821	153,365	1,171,187	Service Revenue by Utility
8806	Call Center Operation System Mgmt	4.00	247,003	43,819	290,821	Service Revenue by Utility
8807	Billing	19.00	1,609,051	208,139	1,817,190	Bills by E, W, WW only
8807	Billing - CIS	0	8,855,000	0	8,855,000	Service Revenue by Utility
8807	Billing - Postage	0	2,300,922	0	2,300,922	Bills by Utility
8809	Rev Measure-Field Services Ops	33.00	2,566,853	361,504	2,928,357	Service Orders by Utility
8810	Rev Measure-Contract Compliance	1.00	3,308,187	10,954.67	3,319,142	Meters Read
8811	Revenue Measurement & Control	2.00	552,054	21,909	573,963	Bills by E, W, WW only
8812	Revenue Measurement & Dispatch	1.00	75,793	10,955	86,747	Service Orders by Utility
8813	Call Center	70.00	7,069,310	766,827	7,836,137	Bills by E, W, WW only
8813	Call Center - Base Telephone	0	343,000	0	343,000	100% AE
8814	Credit Management	12.00	2,137,868	131,456	2,269,324	Service Revenue by Utility
8816	CCC-Consumer Services	9.00	752,485	98,592	851,077	100% AE
8817	Service Order Closing	15.00	946,448	164,320	1,110,768	Bills by E, W, WW only
8818	Quality Management	9.00	911,519	98,592	1,010,111	Bills by E, W, WW only
8819	Current Diversion	23.00	1,977,306	251,957	2,229,263	Total Meters By Utility
8820	CCC-Small Commercial	11.00	785,987	120,501	906,488	Service Revenue by E, W, WW Only
8823	East Branch Walk-In	10.00	735,899	109,547	845,445	Service Revenue by Utility
8824	Muli-Familiy Partnership Program	4.00	407,045	43,819	450,863	Bills by E, W, WW only
	Subtotal Call Center	**281.00**	**41,100,056**	**2,782,486**	**41,100,056**	
Other Austin Energy Cost Dedicated to Customer Care						
	AE IT CIS Projects	-	1,006,478	0	1,006,478	Overall Percentage Average
8341	CIS Accounting Services	-	718,062	0	718,062	Service Revenue by Utility
	CTM Cost Allocations	-	1,157,444	0	1,157,444	Service Revenue by Utility
	Subtotal Other Expenses		**2,881,984**	0	**2,881,984**	
	Total to be allocated		**43,982,040**	**2,782,486**	**43,982,040**	
	CC & B CIP Allocation		3,475,000	0	3,475,000	
	GRAND TOTAL ALLOCATION AMOUNT		**47,457,040**		**47,457,040**	

Customer Care Cost Allocation Cost Per Org

Source: CC's FY10 data from CIS, FY11 Amended Budget with projected assumptions

Org	Org name	Electric	Water	Wastewater	Solid Waste	Drainage	Transportation	Totals
8803	Customer Complaint	1,904,250	0	0	0	0	0	1,904,250
8805	Payment Processing	819,420	124,352	119,700	41,948	42,101	23,666	1,171,187
8806	System Management	203,473	30,878	29,723	10,416	10,454	5,877	290,821
8807	Customer Billing	926,007	459,033	432,150	0	0	0	1,817,190
8807	Customer Billing - CIS	6,195,392	940,188	905,018	317,153	318,316	178,932	8,855,000
8807	Customer Billing - Postage	517,625	256,593	241,566	425,155	440,996	418,986	2,300,922
8809	Field Services	1,707,821	986,268	234,269	0	0	0	2,928,357
8810	Meter Reading	541,375	2,578,619	199,149	0	0	0	3,319,142
8811	Revenue Measure & Control	292,481	144,987	136,496	0	0	0	573,963
8812	Dispatch	50,591	29,216	6,940	0	0	0	86,747
8813	Call Center	3,993,152	1,979,455	1,863,530	0	0	0	7,836,137
8813	Call Center - Base Telephone	343,000	0	0	0	0	0	343,000
8814	Credit Management	1,587,730	240,948	231,934	81,279	81,577	45,856	2,269,324
8816	Consumer Services	851,077	0	0	0	0	0	851,077
8817	RMGT Service Orders	566,027	280,587	264,154	0	0	0	1,110,768
8818	RMMGT Management Control	514,734	255,160	240,217	0	0	0	1,010,111
8819	Current Diversion	1,477,628	751,635	0	0	0	0	2,229,263
8820	Small commercial	698,159	105,950	102,379	0	0	0	906,488
8823	East Branch Walk-In	591,515	89,766	86,408	30,281	30,392	17,084	845,445
8824	Multi-Family Partnership Program	229,752	113,891	107,221	0	0	0	450,863
	Subtotal Call Center Allocable O&M	24,011,207	9,367,526	5,200,854	906,232	923,836	690,401	41,100,056
		58.42%	**22.79%**	**12.65%**	**2.20%**	**2.25%**	**1.68%**	**100.00%**
Other Austin Energy Cost Dedicated to Customer Care								
8341	CIS Accounting Services	419,502	163,661	90,864	15,833	16,140	12,062	718,062
	AE IT CIS Projects	587,998	229,396	127,361	22,192	22,623	16,907	1,006,478
1306	CTM Allocation	809,805	122,893	118,296	41,455	41,607	23,388	1,157,444
	Sub-Total Other Allocable Expense	1,817,304	515,950	336,521	79,480	80,371	52,357	2,881,984
	TOTAL ALLOCATIONS	**25,828,511**	**9,883,476**	**5,537,375**	**985,712**	**1,004,207**	**742,759**	**43,982,040**
	GRAND TOTAL PERCENTAGE ALLOCATIONS	**58.73%**	**22.47%**	**12.59%**	**2.24%**	**2.28%**	**1.69%**	**100.00%**
	CC & B CIP Allocation	**2,135,964**	**690,183**	**445,066**	**71,731**	**78,818**	**53,238**	**3,475,000**
	GRAND TOTAL ALLOCATION AMOUNT	**27,964,475**	**10,573,659**	**5,982,441**	**1,057,443**	**1,083,025**	**795,997**	**47,457,040**

Customer Care Cost Allocation Project
Customer Care Meters Data
Source: CC's CIS FY2010

******Updated 01/13/2011 by Pete Sanders******

Electric

Utility	Month	# of Meters	AMR	Total Number of Manual Electric meters (Electric Meters - AMR)
Electric	200910	461,955	355,848	106,107
Electric	200911	395,691	319,020	76,671
Electric	200912	436,827	370,054	66,773
Electric	201001	434,988	378,507	56,481
Electric	201002	393,819	342,546	51,273
Electric	201003	437,419	383,445	53,974
Electric	201004	426,939	394,964	31,975
Electric	201005	399,259	379,884	19,375
Electric	201006	419,527	405,541	13,986
Electric	201007	418,581	410,006	8,575
Electric	201008	419,113	409,893	9,220
Electric	201009	415,895	408,661	7,234
Total	**Electric**	**5,060,013.00**	4,558,369	501,644
	Avg # Elec Meters	**421,668**		**41,804**

Water

Utility	Month	# of Meters
Water	200910	226,444
Water	200911	193,656
Water	200912	214,939
Water	201001	215,021
Water	201002	202,874
Water	201003	227,686
Water	201004	224,984
Water	201005	205,393
Water	201006	215,452
Water	201007	215,714
Water	201008	215,641
Water	201009	216,108
Total	**Water**	**2,573,912.00**
	Avg # Water Meters	**214,493**

Total Meters during FY2010

Utility	Meters	% of Total
Electric	421,668	66%
Water	214,493	34%
	636,160	**100%**

Total Meters Read FYduring 2010

Utility	Meters Read	% of Total
Electric	41,804	16%
Water	214,493	84%
Total	**256,296**	**100.00%**

Prior Year Comparisson For Meters READ

	FY2010	FY2009		
Utility	**Meters Read**	**Meters Read**	**Variance**	**%**
Electric	41,804	174,154	-132,350	-76%
Water	214,493	213,401	1,092	1%
Total	256,296	387,555		

Customer Care Service Orders

******Updated 01/13/2011 by Pete Sanders******

Source: CC's CIS FY2011

Month	Electric S/O Count	Water S/O Count	El & WA S/O Count	Cumm Total
Oct-09	9,120	3,170	20,287	32,577
Nov-09	7,066	2,704	17,147	26,917
Dec-09	7,718	3,271	16,987	27,976
Jan-10	7,483	3,015	17,125	27,623
Feb-10	8,066	3,190	17,324	28,580
Mar-10	9,398	3,691	20,866	33,955
Apr-10	8,198	3,096	18,190	29,484
May-10	8,722	2,873	20,316	31,911
Jun-10	8,356	2,997	21,005	32,358
Jul-10	9,071	3,213	22,918	35,202
Aug-10	7,573	3,250	19,569	30,392
Sep-10	8,167	3,386	18,547	30,100
Total	**98,938**	**37,856**	**230,281**	**367,075**

ADJ. TOTAL	**214,079**	**152,997**	**367,075**
% TOTAL	58.32%	41.68%	
Formulas for Adjusted	**=98938+(0.5*230281)**	**=37856+(0.5*230,281)**	

		Formulas calculations
% Electric Only	26.95%	**98,938 divided by 367,075**
% Water Only	10.31%	**37,856 divided by 367,075**
% Elec & Water	62.73%	**230,281 divided by 367,075**
Cumm Total	**100.00%**	

2012 Proposed Budget for Customer care based on projected assumptions

(Source Approved 2010 Budget) ****Updated 01/20/2011 by Pete Sanders****

***The FY2010 Proposed Customer Care Budget was developed by adjusting Medical Insurance object code by 8% over the FY2010 Approved amount. The remainder of the budget was held constant.**

Note: Doesn't include the 311 Information center

Sum of S	**FY2010 Proposed Budget***		
ORG	**ORGN_NAME**	**FY2012 Proposed Budget**	
1125	VP, CUSTOMER CARE	574,261	
8801	CALL CENTER ADMINISTRATION	209,594	
8802	BILLING SERVICES ADMIN	1,081,224	
8803	CALL CENTER CUSTOMER COMPLAINT	1,718,020	
8804	CALL CENTER TRAINING	881,134	
8805	REMITTANCE PROCESSING	1,017,821	
8806	CCC-SYSTEM MANAGEMENT	247,003	
8807	BILLING	12,764,973	
8809	REV MEASURE-FIELD SERVICES OPS	2,566,853	
8810	REV MEASUR-CONTRACT COMPLIANCE	3,308,187	**Subtracted out AMI budget $6,962,813**
8811	REVENUE MEASUREMENT&CONTROL	552,054	
8812	REVENUE MEASUREMENT DISPATCH	75,793	
8813	CALL CENTER	7,412,310	
8814	CREDIT MANAGEMENT	2,137,868	
8816	CCC-CONSUMER SERVICES	752,485	
8817	SERVICE OERDER CLOSING	946,448	
8818	QUALITY MANAGEMENT	911,519	
8819	CURRENT DIVERSION	1,977,306	
8820	CCC-SMALL COMMERCIAL	785,987	
8823	EAST BRANCH WALK-IN	735,899	
8824	MULTIFAMILY PARTNERSHIP PRGM	407,045	
8992	CUST CARE & MARKETING CORP	36,274	
Grand Total		**41,100,056**	

Additional Budget		**FY2012 proposed Budget**
8341	CIS Accounting	718,062
ITT		1,006,478
CTM		1,157,444

Billing Data Summary

Source: CIS system

******Updated 01/13/2011 by Pete Sanders******

Summary - Revenue by Utility

Utility	FY2010	% of Total	FY2009	% of Total	FY2008	% of Total	FY10-08Avg.	% of Total	% of Change FY08 to FY10
Electric	1,028,430,576	69.63%	1,038,240,789	69.48%	1,023,973,135	70.81%	1,030,214,833	69.96%	0%
Water	141,393,194	9.57%	172,940,171	11.57%	154,690,652	10.70%	156,341,339	10.62%	-9%
Wastewater	144,978,255	9.82%	157,747,182	10.56%	148,753,393	10.29%	150,492,944	10.22%	-3%
SWS	68,109,827	4.61%	45,052,869	3.02%	45,052,869	3.12%	52,738,522	3.58%	51%
Drainage	56,264,933	3.81%	51,969,956	3.48%	50,560,858	3.50%	52,931,916	3.59%	11%
TUF	37,844,267	2.56%	28,295,839	1.89%	23,122,402	1.60%	29,754,169	2.02%	64%
Total	**1,477,021,052**	**100.00%**	**1,494,246,806**	**100.00%**	**1,446,153,309**	**100.00%**	**1,472,473,722**	**100.00%**	2%

Summary - Bills by Utility

Utility	FY2010	% of Total	FY2009	% of Total	FY2008	% of Total	FY10-08Avg.	% of Total	% of Change FY08 to FY10
Electric	5,050,181	22.37%	4,984,147	22.61%	4,844,637	22.52%	4,959,655	22.50%	4%
Water	2,491,157	11.03%	2,472,806	11.22%	2,411,725	11.21%	2,458,563	11.15%	3%
Wastewater	2,348,144	10.40%	2,328,511	10.56%	2,267,083	10.54%	2,314,579	10.50%	4%
SWS	4,237,302	18.77%	3,991,824	18.11%	3,991,824	18.56%	4,073,650	18.48%	6%
Drainage	4,336,042	19.20%	4,238,073	19.22%	4,102,168	19.07%	4,225,428	19.17%	6%
TUF	4,115,679	18.23%	4,032,194	18.29%	3,895,750	18.11%	4,014,541	18.21%	6%
Total	**22,578,505**	**100.00%**	**22,047,555**	**100.00%**	**21,513,187**	**100.00%**	**22,046,416**	**100.00%**	5%

Summary - Revenue by Electric, Water, Wastewater

Utility	FY2010	% of Total	FY2009	% of Total	FY2008	% of Total	FY10-08Avg.	% of Total	% of Change FY08 to FY10
Electric	1,028,430,576	78.22%	1,038,240,789	75.84%	1,023,973,135	77.04%	1,030,214,833	77.02%	0%
Water	141,393,194	10.75%	172,940,171	12.63%	154,690,652	11.64%	156,341,339	11.69%	-9%
Wastewater	144,978,255	11.03%	157,747,182	11.52%	150,492,944	11.32%	151,072,794	11.29%	-4%
Total	**1,314,802,025**	**100.00%**	**1,368,928,142**	**100.00%**	**1,329,156,730**	**100.00%**	**1,337,628,966**	**100.00%**	

Summary - Bills by Electric, Water, Wastewater

Utility	FY2010	% of Total	FY2009	% of Total	FY2008	% of Total	FY10-08Avg.	% of Total	% of Change FY08 to FY10
Electric	5,050,181	51.07%	4,984,147	50.93%	4,844,637	50.87%	4,959,655	50.96%	
Water	2,491,157	25.19%	2,472,806	25.27%	2,411,725	25.32%	2,458,563	25.26%	
Wastewater	2,348,144	23.74%	2,328,511	23.80%	2,267,083	23.81%	2,314,579	23.78%	
Total	**9,889,482**	**100.00%**	**9,785,464**	**100.00%**	**9,523,445**	**100.00%**	**9,732,797**	**100.00%**	

Customer Care Cost Allocation Project

FTEs by Organization ****Updated 01/13/2

Source: Customer Care FTE Count FY2011 Approved Budget

ORGN	ORGN_NAME	Total
1125	VP, CUSTOMER CARE	3.00
8801	CALL CENTER ADMINISTRATION	2.00
8802	CAS-ADMIN	11.00
8803	CALL CENTER CUSTOMER COMPLAINT	17.00
8804	CALL CENTER TRAINING	11.00
8805	CAS-PAYMENT PROCESSING	14.00
8806	CCC-SYSTEM MANAGEMENT	4.00
8807	CAS-BILLING	19.00
8808	CAS-ARCP/RESEARCH	-
8809	REV MEASURE-FIELD SERVICES OPS	33.00
8810	REV MEASUR-CONTRACT COMPLIANCE	1.00
8811	REVENUE MEASUREMENT&CONTROL	2.00
8812	REVENUE MEASUREMENT DISPATCH	1.00
8813	CALL CENTER	70.00
8814	CAS-CREDIT MGMT	12.00
8816	CCC-CONSUMER SERVICES	9.00
8817	CAS-SERVICE ORDER CLOSING	15.00
8818	QUALITY MANAGMENT	9.00
8819	CURRENT DIVERSION	23.00
8820	CCC-SMALL COMMERCIAL	11.00
8823	EAST BRANCH WALK-IN	10.00
8824	MULTIFAMILY PARTNERSHIP PRGM	4.00
Grand Total		**281.00**

Does not include Org. 8821 311 Call Center's	70.00

Customer Care Projected FY2012 Budget

						0.10	0.03	
Sum of EXPENSEBUDGET						**Insurance**	**PFP %**	**FY2012 Projected**
MEGA_BUSINESS_U	**UNIT**	**ObjtCategory**	**OBJT**	**OBJTdesc**	**Total**	**Multiplier ADJ**	**ADJ**	**Budget with ADJ**
Customer Care	**1125**	Personnel	**5001**	REGULAR WAGES - FULL TIME	315,178		9,455	324,633
			5026	STABILITY PAY	3,000			3,000
			5051	PERSONNEL SAVINGS	(21,344)			(21,344)
			5133	PHONE ALLOWANCE	1,560			1,560
			5185	INSURANCE-HEALTH/LIFE/DENTAL	28,443	2,844		31,287
			5190	FICA TAX	15,789			15,789
			5191	MEDICARE TAX	4,654			4,654
			5196	RETIREMENT CONTRIBUTION - COA	25,266			25,266
		Contractuals	**5860**	SERVICES - OTHER	79,507			79,507
			6501	TRAVEL - CITY BUSINESS	35,300			35,300
			6503	STAFF DEV-SEMINARS	35,300			35,300
			6632	MEMBERSHIPS	34,300			34,300
			6633	SUBSCRIPTIONS	1,186			1,186
		Commodities	**7454**	EDUCATIONAL/PROMOTIONAL MAT'L	980			980
			7482	FOOD/ICE	980			980
			7486	BOOKS	980			980
			7500	OFFICE SUPPLIES	490			490
			7600	SMALL TOOLS/MINOR EQUIPMENT	392			392
	1125 Total				**561,961**	2,844	9,455	574,261
	8800	Expense Refunds	**8504**	AE CALL CENTER REIMB. FROM OTHER CITY DEPT.	(15,429,111)			(15,429,111)
	8800 Total				**(15,429,111)**	0	0	(15,429,111)
	8801	Personnel	**5001**	REGULAR WAGES - FULL TIME	155,777		4,673	160,450
			5026	STABILITY PAY	2,000			2,000
			5051	PERSONNEL SAVINGS	(3,385)			(3,385)
			5133	PHONE ALLOWANCE	1,260			1,260
			5185	INSURANCE-HEALTH/LIFE/DENTAL	18,962	1,896		20,858
			5190	FICA TAX	9,884			9,884
			5191	MEDICARE TAX	2,315			2,315
			5196	RETIREMENT CONTRIBUTION - COA	12,487			12,487
		Contractuals	**5610**	SERVICES - JANITORIAL	490			490
			6450	ADVERTISING/PUBLICATION	784			784
			6551	MILEAGE REIMBURSEMENTS	294			294
		Commodities	**7135**	HOUSEHOLD & CLEANING SUPPLIES	98			98
			7425	MEDICAL/DENTAL SUPPLIES	98			98
			7482	FOOD/ICE	343			343
			7486	BOOKS	245			245
			7500	OFFICE SUPPLIES	980			980
			7600	SMALL TOOLS/MINOR EQUIPMENT	98			98
			7601	SAFETY EQUIPMENT	294			294
	8801 Total				**203,024**	1,896	4,673	209,594
	8802	Personnel	**5001**	REGULAR WAGES - FULL TIME	627,850		18,836	646,686
			5005	OVERTIME	14,100			14,100
			5006	TEMPORARY EMPLOYEES	195,886			195,886
			5026	STABILITY PAY	7,413			7,413
			5051	PERSONNEL SAVINGS	(42,658)			(42,658)
			5125	BILINGUAL PAY	1,800			1,800

Sum of EXPENSEBUDGET						Insurance	PFP %	FY2012 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Multiplier ADJ	ADJ	Budget with ADJ
Customer Care	8802	Personnel	5133	PHONE ALLOWANCE	1,680			1,680
			5185	INSURANCE-HEALTH/LIFE/DENTAL	104,291	10,429		114,720
			5190	FICA TAX	39,686			39,686
			5191	MEDICARE TAX	9,293			9,293
			5196	RETIREMENT CONTRIBUTION - COA	50,318			50,318
		Contractuals	6452	PRINTING/BINDING/REPRODUCTION	5,000			5,000
			6551	MILEAGE REIMBURSEMENTS	600			600
			6633	SUBSCRIPTIONS	100			100
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	1,200			1,200
			7482	FOOD/ICE	5,400			5,400
			7500	OFFICE SUPPLIES	25,000			25,000
			7615	OFFICE FUNISHINGS	5,000			5,000
	8802 Total				**1,051,959**	10,429	18,836	1,081,224
	8803	Personnel	5001	REGULAR WAGES - FULL TIME	883,421		26,503	909,924
			5006	TEMPORARY EMPLOYEES	22,391			22,391
			5026	STABILITY PAY	10,500			10,500
			5051	PERSONNEL SAVINGS	(63,999)			(63,999)
			5125	BILINGUAL PAY	5,400			5,400
			5185	INSURANCE-HEALTH/LIFE/DENTAL	161,177	16,118		177,295
			5190	FICA TAX	55,621			55,621
			5191	MEDICARE TAX	13,022			13,022
			5196	RETIREMENT CONTRIBUTION - COA	70,769			70,769
		Contractuals	5860	SERVICES - OTHER	441,000			441,000
			6126	RENTAL - OTHER EQUIPMENT	735			735
			6406	TELEPHONE EQUIPMENT	980			980
			6415	POSTAGE	31,680			31,680
			6452	PRINTING/BINDING/REPRODUCTION	29,400			29,400
			6551	MILEAGE REIMBURSEMENTS	588			588
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	2,940			2,940
			7482	FOOD/ICE	1,396			1,396
			7500	OFFICE SUPPLIES	3,724			3,724
			7580	SOFTWARE < $1,000	1,372			1,372
			7600	SMALL TOOLS/MINOR EQUIPMENT	1,323			1,323
			7610	MINOR COMPUTER HARDWARE	1,960			1,960
	8803 Total				**1,675,400**	16,118	26,503	1,718,020
	8804	Personnel	5001	REGULAR WAGES - FULL TIME	568,174		17,045	585,219
			5006	TEMPORARY EMPLOYEES	96,085			96,085
			5026	STABILITY PAY	4,000			4,000
			5051	PERSONNEL SAVINGS	(38,553)			(38,553)
			5125	BILINGUAL PAY	5,400			5,400
			5133	PHONE ALLOWANCE	720			720
			5185	INSURANCE-HEALTH/LIFE/DENTAL	104,291	10,429		114,720
			5190	FICA TAX	35,708			35,708
			5191	MEDICARE TAX	8,360			8,360
			5196	RETIREMENT CONTRIBUTION - COA	45,541			45,541
		Contractuals	6388	MAINTENANCE - COMPUTER SOFTWARE	7,840			7,840
			6452	PRINTING/BINDING/REPRODUCTION	4,234			4,234
			6632	MEMBERSHIPS	1,470			1,470
		Commodities	7135	HOUSEHOLD & CLEANING SUPPLIES	49			49
			7425	MEDICAL/DENTAL SUPPLIES	296			296

Sum of EXPENSEBUDGET						Insurance	PFP %	FY2012 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Multiplier ADJ	ADJ	Budget with ADJ
Customer Care	8804	Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	1,960			1,960
			7482	FOOD/ICE	735			735
			7486	BOOKS	735			735
			7500	OFFICE SUPPLIES	3,920			3,920
			7580	SOFTWARE < $1,000	1,960			1,960
			7610	MINOR COMPUTER HARDWARE	735			735
	8804 Total				**853,660**	10,429	17,045	881,134
	8805	Personnel	5001	REGULAR WAGES - FULL TIME	720,362		21,611	741,973
			5026	STABILITY PAY	9,480			9,480
			5051	PERSONNEL SAVINGS	(45,148)			(45,148)
			5133	PHONE ALLOWANCE	420			420
			5185	INSURANCE-HEALTH/LIFE/DENTAL	132,734	13,273		146,007
			5190	FICA TAX	45,386			45,386
			5191	MEDICARE TAX	10,628			10,628
			5196	RETIREMENT CONTRIBUTION - COA	57,747			57,747
		Contractuals	5860	SERVICES - OTHER	32,500			32,500
			6128	RENTAL-SAFE DEP./P.O. BOXES	1,350			1,350
			6250	FLEET EQUIPM. PREVENTATIVE MAINTN.	7,987			7,987
			6255	TRANSPORTATION-CITY VEH. FUEL	6,891			6,891
			6389	MAINTENANCE - OTHER EQUIPT	1,000			1,000
			6551	MILEAGE REIMBURSEMENTS	100			100
			6632	MEMBERSHIPS	500			500
		Commodities	7600	SMALL TOOLS/MINOR EQUIPMENT	1,000			1,000
	8805 Total				**982,937**	13,273	21,611	1,017,821
	8806	Personnel	5001	REGULAR WAGES - FULL TIME	191,676		5,750	197,426
			5005	OVERTIME	1,400			1,400
			5026	STABILITY PAY	2,000			2,000
			5051	PERSONNEL SAVINGS	(17,256)			(17,256)
			5133	PHONE ALLOWANCE	1,260			1,260
			5185	INSURANCE-HEALTH/LIFE/DENTAL	28,443	2,844		31,287
			5190	FICA TAX	12,106			12,106
			5191	MEDICARE TAX	2,835			2,835
			5196	RETIREMENT CONTRIBUTION - COA	15,356			15,356
		Contractuals	6551	MILEAGE REIMBURSEMENTS	196			196
		Commodities	7610	MINOR COMPUTER HARDWARE	392			392
	8806 Total				**238,408**	2,844	5,750	247,003
	8807	Personnel	5001	REGULAR WAGES - FULL TIME	976,308		29,289	1,005,597
			5005	OVERTIME	20,000			20,000
			5006	TEMPORARY EMPLOYEES	24,899			24,899
			5026	STABILITY PAY	16,762			16,762
			5051	PERSONNEL SAVINGS	(73,280)			(73,280)
			5125	BILINGUAL PAY	1,800			1,800
			5133	PHONE ALLOWANCE	1,140			1,140
			5185	INSURANCE-HEALTH/LIFE/DENTAL	189,620	18,962		208,582
			5190	FICA TAX	61,903			61,903
			5191	MEDICARE TAX	14,495			14,495
			5196	RETIREMENT CONTRIBUTION - COA	78,264			78,264
		Contractuals	5860	SERVICES - OTHER	8,857,000			8,857,000
			6255	TRANSPORTATION-CITY VEH. FUEL	900			900
			6415	POSTAGE	2,300,922			2,300,922

Sum of EXPENSEBUDGET						Insurance	PFP %	FY2012 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Multiplier ADJ	ADJ	Budget with ADJ
Customer Care	8807	Contractuals	6452	PRINTING/BINDING/REPRODUCTION	20,000			20,000
			6854	MISCELLANEOUS EXPENSE	220,000			220,000
		Commodities	7478	CLOTHING/CLOTHING MATERIAL	300			300
	8807 Total				**12,711,033**	24,651	29,289	12,764,973
	8809	Personnel	5001	REGULAR WAGES - FULL TIME	1,513,933		45,418	1,559,351
			5004	SHIFT DIFFERENTIAL	9,400			9,400
			5005	OVERTIME	175,324			175,324
			5026	STABILITY PAY	25,942			25,942
			5030	ON CALL HOURS	8,596			8,596
			5037	CALL BACK TIME	21,890			21,890
			5051	PERSONNEL SAVINGS	(102,523)			(102,523)
			5125	BILINGUAL PAY	3,600			3,600
			5133	PHONE ALLOWANCE	2,280			2,280
			5185	INSURANCE-HEALTH/LIFE/DENTAL	312,873	31,287		344,160
			5190	FICA TAX	96,071			96,071
			5191	MEDICARE TAX	22,502			22,502
			5196	RETIREMENT CONTRIBUTION - COA	121,372			121,372
		Contractuals	6203	INTERDEPARTMENTAL CHARGES	941			941
			6250	FLEET EQUIPM. PREVENTATIVE MAINTN.	61,174			61,174
			6255	TRANSPORTATION-CITY VEH. FUEL	163,586			163,586
			6387	MAINTENANCE - COMPUTER HARDWARE	1,039			1,039
			6452	PRINTING/BINDING/REPRODUCTION	1,249			1,249
		Commodities	7122	HARDWARE/WIRE/STEEL	462			462
			7134	CHEMICALS	980			980
			7135	HOUSEHOLD & CLEANING SUPPLIES	980			980
			7310	GASOLINE/OIL/GREASE	980			980
			7450	PHOTOGRAPHIC SUPPLIES	500			500
			7456	IDENTIFICATION	98			98
			7460	METERS	4,547			4,547
			7478	CLOTHING/CLOTHING MATERIAL	25,375			25,375
			7600	SMALL TOOLS/MINOR EQUIPMENT	7,790			7,790
			7601	SAFETY EQUIPMENT	9,187			9,187
	8809 Total				**2,490,148**	31,287	45,418	2,566,853
	8810	Personnel	5001	REGULAR WAGES - FULL TIME	62,576		1,877	64,453
			5026	STABILITY PAY	1,000			1,000
			5051	PERSONNEL SAVINGS	(4,238)			(4,238)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	9,481	948		10,429
			5190	FICA TAX	3,951			3,951
			5191	MEDICARE TAX	925			925
			5196	RETIREMENT CONTRIBUTION - COA	5,017			5,017
		Contractuals	5860	SERVICES - OTHER	3,052,425			3,052,425
			6123	RENTAL-REAL ESTATE-OTHER	117,000			117,000
			6388	MAINTENANCE - COMPUTER SOFTWARE	57,000			57,000
			6415	POSTAGE	45			45
			6416	PRIORITY MAIL/PARCEL SERVICES	180			180
	8810 Total				**3,305,362**	948	1,877	3,308,187
	8811	Personnel	5001	REGULAR WAGES - FULL TIME	136,091		4,083	140,174
			5005	OVERTIME	1,898			1,898
			5026	STABILITY PAY	1,000			1,000
			5051	PERSONNEL SAVINGS	(9,370)			(9,370)

Sum of EXPENSEBUDGET						Insurance	PFP %	FY2012 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Multiplier ADJ	ADJ	Budget with ADJ
Customer Care	8811	Personnel	5185	INSURANCE-HEALTH/LIFE/DENTAL	18,962	1,896		20,858
			5190	FICA TAX	8,507			8,507
			5191	MEDICARE TAX	1,991			1,991
			5196	RETIREMENT CONTRIBUTION - COA	10,895			10,895
		Contractuals	5860	SERVICES - OTHER	20,000			20,000
			6121	RENTAL-REAL ESTATE-OFFFICE	320,000			320,000
			6415	POSTAGE	441			441
			6452	PRINTING/BINDING/REPRODUCTION	1,323			1,323
			6551	MILEAGE REIMBURSEMENTS	1,200			1,200
		Commodities	7482	FOOD/ICE	3,051			3,051
			7500	OFFICE SUPPLIES	10,192			10,192
			7600	SMALL TOOLS/MINOR EQUIPMENT	18,914			18,914
			7610	MINOR COMPUTER HARDWARE	980			980
	8811 Total				**546,075**	1,896	4,083	552,054
	8812	Personnel	5001	REGULAR WAGES - FULL TIME	56,885		1,707	58,592
			5051	PERSONNEL SAVINGS	(3,852)			(3,852)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	9,481	948		10,429
			5190	FICA TAX	3,536			3,536
			5191	MEDICARE TAX	828			828
			5196	RETIREMENT CONTRIBUTION - COA	4,560			4,560
		Contractuals	6416	PRIORITY MAIL/PARCEL SERVICES	720			720
		Commodities	7500	OFFICE SUPPLIES	980			980
	8812 Total				**73,138**	948	1,707	75,793
	8813	Personnel	5001	REGULAR WAGES - FULL TIME	3,126,645		93,799	3,220,444
			5004	SHIFT DIFFERENTIAL	12,000			12,000
			5005	OVERTIME	64,000			64,000
			5026	STABILITY PAY	37,673			37,673
			5037	CALL BACK TIME	1,418			1,418
			5051	PERSONNEL SAVINGS	(214,918)			(214,918)
			5125	BILINGUAL PAY	43,200			43,200
			5133	PHONE ALLOWANCE	960			960
			5185	INSURANCE-HEALTH/LIFE/DENTAL	654,189	65,419		719,608
			5190	FICA TAX	198,819			198,819
			5191	MEDICARE TAX	46,560			46,560
			5196	RETIREMENT CONTRIBUTION - COA	250,620			250,620
		Contractuals	5720	SERVICES - TEMP. EMPLOYMENT	1,764,000			1,764,000
			5860	SERVICES - OTHER	574,857			574,857
			6123	RENTAL-REAL ESTATE-OTHER	784			784
			6389	MAINTENANCE - OTHER EQUIPT	238,140			238,140
			6404	TELEPHONE - BASE COST	343,000			343,000
			6406	TELEPHONE EQUIPMENT	2,940			2,940
			6551	MILEAGE REIMBURSEMENTS	196			196
			6632	MEMBERSHIPS	833			833
		Commodities	7425	MEDICAL/DENTAL SUPPLIES	98			98
			7482	FOOD/ICE	4,800			4,800
			7500	OFFICE SUPPLIES	8,320			8,320
			7580	SOFTWARE < $1,000	84,280			84,280
			7601	SAFETY EQUIPMENT	490			490
			7610	MINOR COMPUTER HARDWARE	5,880			5,880
			7615	OFFICE FUNISHINGS	3,308			3,308

Sum of EXPENSEBUDGET						Insurance	PFP %	FY2012 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Multiplier ADJ	ADJ	Budget with ADJ
Customer Care	8813 Total				7,253,092	65,419	93,799	7,412,310
	8814	Personnel	5001	REGULAR WAGES - FULL TIME	596,062		17,882	613,944
			5026	STABILITY PAY	6,403			6,403
			5037	CALL BACK TIME	3,000			3,000
			5051	PERSONNEL SAVINGS	(40,365)			(40,365)
			5125	BILINGUAL PAY	3,600			3,600
			5133	PHONE ALLOWANCE	1,260			1,260
			5185	INSURANCE-HEALTH/LIFE/DENTAL	113,772	11,377		125,149
			5190	FICA TAX	37,746			37,746
			5191	MEDICARE TAX	8,839			8,839
			5196	RETIREMENT CONTRIBUTION - COA	47,782			47,782
		Contractuals	5860	SERVICES - OTHER	1,315,100			1,315,100
			6415	POSTAGE	980			980
			6452	PRINTING/BINDING/REPRODUCTION	9,800			9,800
			6551	MILEAGE REIMBURSEMENTS	588			588
			6633	SUBSCRIPTIONS	980			980
		Commodities	7482	FOOD/ICE	1,102			1,102
			7500	OFFICE SUPPLIES	1,960			1,960
	8814 Total				2,108,609	11,377	17,882	2,137,868
	8816	Personnel	5001	REGULAR WAGES - FULL TIME	574,430		17,233	591,663
			5026	STABILITY PAY	10,000			10,000
			5051	PERSONNEL SAVINGS	(38,900)			(38,900)
			5133	PHONE ALLOWANCE	720			720
			5185	INSURANCE-HEALTH/LIFE/DENTAL	85,329	8,533		93,862
			5190	FICA TAX	36,481			36,481
			5191	MEDICARE TAX	8,543			8,543
			5196	RETIREMENT CONTRIBUTION - COA	46,049			46,049
		Contractuals	6551	MILEAGE REIMBURSEMENTS	490			490
			6632	MEMBERSHIPS	980			980
			6633	SUBSCRIPTIONS	98			98
		Commodities	7482	FOOD/ICE	784			784
			7500	OFFICE SUPPLIES	735			735
			7600	SMALL TOOLS/MINOR EQUIPMENT	490			490
			7610	MINOR COMPUTER HARDWARE	490			490
	8816 Total				726,719	8,533	17,233	752,485
	8817	Personnel	5001	REGULAR WAGES - FULL TIME	695,073		20,852	715,925
			5026	STABILITY PAY	9,490			9,490
			5051	PERSONNEL SAVINGS	(47,147)			(47,147)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	142,215	14,222		156,437
			5190	FICA TAX	43,781			43,781
			5191	MEDICARE TAX	10,252			10,252
			5196	RETIREMENT CONTRIBUTION - COA	55,710			55,710
		Contractuals	5860	SERVICES - OTHER	2,000			2,000
	8817 Total				911,374	14,222	20,852	946,448
	8818	Personnel	5001	REGULAR WAGES - FULL TIME	599,577			599,577
			5006	TEMPORARY EMPLOYEES	124,495			124,495
			5026	STABILITY PAY	2,500			2,500
			5051	PERSONNEL SAVINGS	(40,834)			(40,834)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	85,329	8,533		93,862
			5190	FICA TAX	37,400			37,400

Sum of EXPENSEBUDGET						Insurance	PFP %	FY2012 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Multiplier ADJ	ADJ	Budget with ADJ
Customer Care	8818	Personnel	5191	MEDICARE TAX	8,757			8,757
			5196	RETIREMENT CONTRIBUTION - COA	48,042			48,042
		Contractuals	6561	PARKING SPACE COSTS	147			147
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	343			343
			7482	FOOD/ICE	441			441
			7486	BOOKS	196			196
			7500	OFFICE SUPPLIES	735			735
			7580	SOFTWARE < $1,000	735			735
			7600	SMALL TOOLS/MINOR EQUIPMENT	49			49
	8818 Total				**867,912**	22,754	20,852	911,519
	8819	Personnel	5001	REGULAR WAGES - FULL TIME	1,190,920		35,728	1,226,648
			5005	OVERTIME	34,439			34,439
			5026	STABILITY PAY	14,228			14,228
			5030	ON CALL HOURS	5,400			5,400
			5037	CALL BACK TIME	7,054			7,054
			5051	PERSONNEL SAVINGS	(80,755)			(80,755)
			5125	BILINGUAL PAY	5,400			5,400
			5133	PHONE ALLOWANCE	1,560			1,560
			5185	INSURANCE-HEALTH/LIFE/DENTAL	218,063	21,806		239,869
			5190	FICA TAX	74,989			74,989
			5191	MEDICARE TAX	17,557			17,557
			5196	RETIREMENT CONTRIBUTION - COA	95,463			95,463
		Contractuals	6203	INTERDEPARTMENTAL CHARGES	133,276			133,276
			6250	FLEET EQUIPM. PREVENTATIVE MAINTN.	50,052			50,052
			6255	TRANSPORTATION-CITY VEH. FUEL	133,843			133,843
			6452	PRINTING/BINDING/REPRODUCTION	1,253			1,253
			6633	SUBSCRIPTIONS	4,567			4,567
			6843	GOVERNMENT PERMITS AND FEES	384			384
		Commodities	7134	CHEMICALS	490			490
			7310	GASOLINE/OIL/GREASE	490			490
			7478	CLOTHING/CLOTHING MATERIAL	1,821			1,821
			7600	SMALL TOOLS/MINOR EQUIPMENT	7,515			7,515
			7601	SAFETY EQUIPMENT	1,763			1,763
	8819 Total				**1,919,772**	21,806	35,728	1,977,306
	8820	Personnel	5001	REGULAR WAGES - FULL TIME	561,055		16,832	577,887
			5026	STABILITY PAY	9,928			9,928
			5051	PERSONNEL SAVINGS	(35,973)			(35,973)
			5125	BILINGUAL PAY	9,000			9,000
			5185	INSURANCE-HEALTH/LIFE/DENTAL	113,772	11,377		125,149
			5190	FICA TAX	35,927			35,927
			5191	MEDICARE TAX	8,408			8,408
			5196	RETIREMENT CONTRIBUTION - COA	44,979			44,979
		Contractuals	6123	RENTAL-REAL ESTATE-OTHER	490			490
			6406	TELEPHONE EQUIPMENT	980			980
			6450	ADVERTISING/PUBLICATION	1,764			1,764
			6452	PRINTING/BINDING/REPRODUCTION	1,078			1,078
			6551	MILEAGE REIMBURSEMENTS	588			588
			6632	MEMBERSHIPS	490			490
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	1,176			1,176
			7482	FOOD/ICE	1,078			1,078

Sum of EXPENSEBUDGET						Insurance	PFP %	FY2012 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Multiplier ADJ	ADJ	Budget with ADJ
Customer Care	**8820**	Commodities	**7500**	OFFICE SUPPLIES	1,078			1,078
			7600	SMALL TOOLS/MINOR EQUIPMENT	490			490
			7610	MINOR COMPUTER HARDWARE	490			490
			7615	OFFICE FUNISHINGS	980			980
	8820 Total				**757,778**	11,377	16,832	785,987
	8821	Personnel	**5001**	REGULAR WAGES - FULL TIME	3,252,945		97,588	3,350,533
			5005	OVERTIME	49,560			49,560
			5006	TEMPORARY EMPLOYEES	223,912			223,912
			5026	STABILITY PAY	13,286			13,286
			5051	PERSONNEL SAVINGS	(220,622)			(220,622)
			5125	BILINGUAL PAY	27,000			27,000
			5133	PHONE ALLOWANCE	5,940			5,940
			5185	INSURANCE-HEALTH/LIFE/DENTAL	663,670	66,367		730,037
			5190	FICA TAX	203,810			203,810
			5191	MEDICARE TAX	47,873			47,873
			5196	RETIREMENT CONTRIBUTION - COA	260,748			260,748
		Contractuals	**5280**	CONSULTANT - OTHERS	102,180			102,180
			5720	SERVICES - TEMP. EMPLOYMENT	2,254,000			2,254,000
			5860	SERVICES - OTHER	112,543			112,543
			6121	RENTAL-REAL ESTATE-OFFFICE	509,600			509,600
			6388	MAINTENANCE - COMPUTER SOFTWARE	438,500			438,500
			6404	TELEPHONE - BASE COST	140,169			140,169
			6406	TELEPHONE EQUIPMENT	2,450			2,450
			6551	MILEAGE REIMBURSEMENTS	4,900			4,900
			6632	MEMBERSHIPS	1,470			1,470
			6633	SUBSCRIPTIONS	490			490
		Commodities	**7454**	EDUCATIONAL/PROMOTIONAL MAT'L	4,900			4,900
			7478	CLOTHING/CLOTHING MATERIAL	1,470			1,470
			7482	FOOD/ICE	6,370			6,370
			7486	BOOKS	2,842			2,842
			7500	OFFICE SUPPLIES	6,174			6,174
			7580	SOFTWARE < $1,000	33,663			33,663
			7600	SMALL TOOLS/MINOR EQUIPMENT	8,330			8,330
		Expense Refunds	**8505**	EXPENSE REFUNDS	(6,079,087)			(6,079,087)
	8821 Total				**2,079,086**	66,367	97,588	2,243,041
	8823	Personnel	**5001**	REGULAR WAGES - FULL TIME	484,421		14,533	498,954
			5005	OVERTIME	20,800			20,800
			5026	STABILITY PAY	3,500			3,500
			5051	PERSONNEL SAVINGS	(33,114)			(33,114)
			5125	BILINGUAL PAY	7,200			7,200
			5185	INSURANCE-HEALTH/LIFE/DENTAL	94,810	9,481		104,291
			5190	FICA TAX	30,518			30,518
			5191	MEDICARE TAX	7,146			7,146
			5196	RETIREMENT CONTRIBUTION - COA	38,804			38,804
		Contractuals	**5560**	SERVICES - CONSTR. CONTRACTS	30,000			30,000
			6383	MAINTENANCE - BUILDINGS	200			200
			6406	TELEPHONE EQUIPMENT	3,600			3,600
			6452	PRINTING/BINDING/REPRODUCTION	3,000			3,000
			6551	MILEAGE REIMBURSEMENTS	500			500
		Commodities	**7127**	ELECTRICAL/LIGHTING	2,000			2,000

Sum of EXPENSEBUDGET						Insurance	PFP %	FY2012 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Multiplier ADJ	ADJ	Budget with ADJ
Customer Care	**8823**	Commodities	**7135**	HOUSEHOLD & CLEANING SUPPLIES	500			500
			7478	CLOTHING/CLOTHING MATERIAL	2,250			2,250
			7580	SOFTWARE < $1,000	5,000			5,000
			7600	SMALL TOOLS/MINOR EQUIPMENT	1,000			1,000
			7610	MINOR COMPUTER HARDWARE	4,750			4,750
			7615	OFFICE FUNISHINGS	4,500			4,500
			7815	CASH OVER/SHORT	500			500
	8823 Total				**711,885**	9,481	14,533	735,899
	8824	Personnel	**5001**	REGULAR WAGES - FULL TIME	193,970		5,819	199,789
			5006	TEMPORARY EMPLOYEES	34,057			34,057
			5051	PERSONNEL SAVINGS	(13,136)			(13,136)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	37,924	3,792		41,716
			5190	FICA TAX	12,057			12,057
			5191	MEDICARE TAX	2,821			2,821
			5196	RETIREMENT CONTRIBUTION - COA	15,550			15,550
		Contractuals	**5860**	SERVICES - OTHER	110,074			110,074
			6404	TELEPHONE - BASE COST	490			490
			6452	PRINTING/BINDING/REPRODUCTION	980			980
			6551	MILEAGE REIMBURSEMENTS	294			294
			6632	MEMBERSHIPS	980			980
		Commodities	**7454**	EDUCATIONAL/PROMOTIONAL MAT'L	580			580
			7482	FOOD/ICE	400			400
			7500	OFFICE SUPPLIES	392			392
	8824 Total				**397,433**	3,792	5,819	407,045
	8992	Contractuals	**6407**	TELEPHONE-CELLULAR PHONES	19,418			19,418
			6854	MISCELLANEOUS EXPENSE	16,856			16,856
	8992 Total				**36,274**	0	0	36,274
Customer Care Total					**27,033,928**			27,033,928
GranG Total					**27,033,928**	**352,693**	**527,365**	**27,913,986**

FY2013 PROPOSED CUSTOMER CARE ALLOCATION

KPMG MODEL

Assumptions:	***%***
Regular Wages	3%
Medical Insurance	10%

FY2013 Proposed AE Cost Allocation

Allocation based on KPMG FY02 Model

Utility	FY13 Budget Alloc	% of Total
Electric *	$ 26,868,661.9	55.48%
Water	$ 12,366,896.9	25.54%
Wastewater	$ 6,129,251.1	12.66%
Solid Waste	$ 1,114,637.8	2.30%
Drainage	$ 1,086,060.3	2.24%
Transportation	$ 861,497.5	1.78%
Total	**$ 48,427,005**	**100.00%**
Reimbursements	**$ 21,558,344**	

FY 2013 Allocation Factors & Percents Per Utility

Allocation Factors	Electric	Water	Wastewater	Solid Waste	Drainage	Transportation	Totals
Service Revenue by Utility	68.71%	11.29%	9.95%	4.01%	3.64%	2.39%	100.00%
Service Revenue by E, W, WW only	76.51%	12.57%	10.91%				100.00%
Bills by Utility	22.42%	11.07%	10.43%	18.60%	19.23%	18.24%	100.00%
Bills by E, W, WW only	51.04%	25.20%	23.75%				100.00%
Service Orders by Utility	56.33%	35.67%	**8.00%**				100.00%
Meters Read	1.73%	92.27%	**6.00%**				100.00%
Total Meters By Utility	66.12%	33.88%					100.00%

Wastewater Percentages are based on billed revenue, number of bills, and since Wasterwater has no service orders nor meters, KPMG provided

Allocation of Customer Care Orgs

Source: CC's FY11 data from CIS, FY13 Amended Budget with projected assumptions

Distribution Of Administrative Budget By Allocation Factors within Customer Care

Org.	Description	FTEs	Proposed FY13 Budget	Distribution of Admin/Training Per FTE	Adjusted Service Area Req.	Allocation Method
1125	VP, Customer Care	2.00	529,546	0	0	Distributed amongst all orgs per FTE
8801	Call Center Administration	2.00	211,756	0	0	Distributed amongst all orgs per FTE
8802	Billing Services Adminstration	6.00	708,548	0	0	Distributed amongst all orgs per FTE
8804	Call Center Training	11.00	814,828	0	0	Distributed amongst all orgs per FTE
8992	Customer Care & Marketing Corporate	0	47,126	0	0	Distributed amongst all orgs per FTE
8803	Customer Center Complaint	16.00	1,649,263	143,368	1,792,630	100% AE (AE is accepting 100% of the cost because no way to capture that
8805	Remittance Processing	10.00	813,985	89,605	903,589	Service Revenue by Utility
8806	Call Center Operation System Mgmt	2.00	177,824	17,921	195,745	Service Revenue by Utility
8807	Billing	45.00	3,773,071	403,222	4,176,292	Bills by E, W, WW only
8807	Billing - CIS	0	8,407,000	0	8,407,000	Service Revenue by Utility
8807	Billing - Postage	0	2,122,062	0	2,122,062	Bills by Utility
8809	Rev Measure-Field Services Ops	33.00	2,690,148	295,696	2,985,844	Service Orders by Utility
8810	Rev Measure-Contract Compliance	1.00	3,961,361	8,960	3,970,321	Meters Read
8811	Revenue Measurement & Control	2.00	613,886	17,921	631,807	Bills by E, W, WW only
8812	Revenue Measurement & Dispatch	1.00	86,158	8,960	95,118	Service Orders by Utility
8813	Call Center	69.00	7,120,905	618,273	7,739,178	Bills by E, W, WW only
8813	Call Center - Base Telephone	0	343,000	0	343,000	100% AE
8814	Credit Management	12.00	1,975,246	107,526	2,082,772	Service Revenue by Utility
8816	CCC-Consumer Services	9.00	788,333	80,644	868,978	100% AE
8817	Service Order Closing	0	0	0	0	Bills by E, W, WW only
8818	Quality Management	7.00	588,036	62,723	650,760	Bills by E, W, WW only
8819	Current Diversion	23.00	1,923,443	206,091	2,129,534	Total Meters By Utility
8820	CCC-Small Commercial	11.00	769,363	98,565	867,928	Service Revenue by E, W, WW Only
8823	East Branch Office	6.00	439,961	53,763	493,724	Service Revenue by Utility
8824	Muli-Familiy Partnership Program	4.00	276,289	35,842	312,131	Bills by E, W, WW only
8826	North Branch Office	4.00	302,831	35,842	338,673	Service Revenue by Utility
8827	Consumer Services Management Adm	3.00	280,659	26,881	307,541	Service Revenue by Utility
	Subtotal Call Center	**279.00**	**41,414,627**	**2,311,805**	**41,414,627**	
Other Austin Energy Cost Dedicated to Customer Care						
	AE IT CIS Projects	-	1,693,811	0	1,693,811	Overall Percentage Average
8341	CIS Accounting Services	-	686,123	0	686,123	Service Revenue by Utility
	CTM Cost Allocations	-	1,157,444	0	1,157,444	Service Revenue by Utility
	Subtotal Other Expenses		**3,537,378**	0	**3,537,378**	
	Total to be allocated		**44,952,005**	**2,311,805**	**44,952,005**	
	CC & B CIP Allocation		3,475,000	0	3,475,000	
	GRAND TOTAL ALLOCATION AMOUNT		**48,427,005**		**48,427,005**	

Customer Care Cost Allocation Cost Per Org

Source: CC's FY11 data from CIS, FY13 Amended Budget with projected assumptions

Org	Org name	Electric	Water	Wastewater	Solid Waste	Drainage	Transportation	Totals
8803	CALL CENTER CUSTOMER COMPLAINT	1,792,630	0	0	0	0	0	1,792,630
8805	REMITTANCE PROCESSING	620,879	102,024	89,945	36,236	32,872	21,635	903,589
8806	CALL CNTR OPER SYS MGMT	134,501	22,101	19,485	7,850	7,121	4,687	195,745
8807	BILLING	2,131,773	1,052,556	991,963	0	0	0	4,176,292
8807	BILLING- CIS	5,776,656	949,228	836,847	337,142	305,837	201,290	8,407,000
8807	BILLING- Postage	475,846	234,947	221,422	394,780	408,011	387,056	2,122,062
8809	REV MEASURE-FIELD SERVICES	1,681,852	1,065,124	238,867	0	0	0	2,985,844
8810	CONTACT COMPLIANCE (Meter Reading)	68,634	3,663,469	238,219	0	0	0	3,970,321
8811	REVENUE MEASUREMENT & CONTROL	322,504	159,235	150,068	0	0	0	631,807
8812	REVENUE MEASUREMENT-DISPATCH	53,578	33,931	7,609	0	0	0	95,118
8813	CALL CENTER	3,950,436	1,950,515	1,838,228	0	0	0	7,739,178
8813	CALL CENTER-Base Telephone	343,000	0	0	0	0	0	343,000
8814	CREDIT MANAGEMENT	1,431,124	235,164	207,323	83,524	75,769	49,868	2,082,772
8816	CALL CENTER CONSUMER SERVICES	868,978	0	0	0	0	0	868,978
8817	SERVICE ORDER CLOSING	0	0	0	0	0	0	0
8818	QUALITY MANAGEMENT	332,178	164,012	154,570	0	0	0	650,760
8819	CURRENT DIVERSION	1408065	721469	0	0	0	0	2129534
8820	CCC-SMALL COMMERCIAL	664,090	109,124	94,714	0	0	0	867,928
8823	EAST BRANCH OFFICE	339,250	55,746	49,146	19,800	17,961	11,821	493,724
8824	MULTI-FAMILY PARTNERSHIP PROGRAM	159,326	78,667	74,138	0	0	0	312,131
8826	NORTH BRANCH OFFICE	75,943	37,497	35,338	63,005	65,117	61,773	338,673
8827	CONSUMER SERVICES MGMT ADMIN	5,316	283,772	18,452	0	0	0	307,541
	Subtotal Call Center Allocable O&M	22,636,557	10,918,580	5,266,336	942,338	912,687	738,129	41,414,627
		54.66%	**26.36%**	**12.72%**	**2.28%**	**2.20%**	**1.78%**	**100.00%**
Other Austin Energy Cost Dedicated to Customer Care								
8341	CIS ACOUNTING SERVICES	375,024	180,890	87,248	15,612	15,121	12,229	686,123
	AE IT CIS PROJECTS	925,809	446,557	215,387	38,541	37,328	30,189	1,693,811
1306	CTM ALLOCATION	795,308	130,686	115,214	46,416	42,106	27,713	1,157,444
	Sub-Total Other Allocable Expense	2,096,141	758,134	417,849	100,569	94,555	70,130	3,537,378
	TOTAL ALLOCATIONS	**24,732,698**	**11,676,714**	**5,684,185**	**1,042,907**	**1,007,242**	**808,259**	**44,952,005**
	GRAND TOTAL PERCENTAGE ALLOCATIONS	**55.02%**	**25.98%**	**12.65%**	**2.32%**	**2.24%**	**1.80%**	**100.00%**
	CC & B CIP Allocation	**2,135,964**	**690,183**	**445,066**	**71,731**	**78,818**	**53,238**	**3,475,000**
	GRAND TOTAL ALLOCATION AMOUNT	**26,868,662**	**12,366,897**	**6,129,251**	**1,114,638**	**1,086,060**	**861,497**	**48,427,005**

Customer Care Cost Allocation Project
Customer Care Meters Data

Source: Pamela Cleveland Revenue with Measurement FY2011

******Updated 01/05/2012 by Pete Sanders******

Electric

Utility	Month	# of Meters	AMR	Total Number of Manual Electric meters (Electric Meters - AMR)
Electric	Oct-10	417,413	408,661	8,752
Electric	Nov-10	416,644	412,734	3,910
Electric	Dec-10	417,248	413,543	3,705
Electric	Jan-11	417,877	414,114	3,763
Electric	Feb-11	417,993	414,155	3,838
Electric	Mar-11	417,917	414,155	3,762
Electric	Apr-11	418,537	414,771	3,766
Electric	May-11	418,848	415,315	3,533
Electric	Jun-11	417,245	413,869	3,376
Electric	Jul-11	419,247	415,904	3,343
Electric	Aug-11	419,049	417,083	1,966
Electric	Sep-11	419,733	418,221	1,512
Total Electric		**5,017,751.00**	4,972,525	45,226
Avg # Elec Meters		**418,146**		**3,769**

Water

Utility	Month	# of Meters
Water	Oct-10	213,909
Water	Nov-10	212,087
Water	Dec-10	214,054
Water	Jan-11	214,085
Water	Feb-11	213,670
Water	Mar-11	214,286
Water	Apr-11	214,451
Water	May-11	214,636
Water	Jun-11	214,783
Water	Jul-11	214,908
Water	Aug-11	215,034
Water	Sep-11	215,109
Total Water		**2,571,012.00**
Avg # Water Meters		**214,251**

Total Meters Read FYduring 2011

Utility	Meters Read	% of Total
Electric	3,769	1.73%
Water	214,251	98.27%
Total	**218,020**	**100.00%**

Total Meters during FY2011

Utility	Meters	% of Total
Electric	418,146	66%
Water	214,251	34%
	632,397	**100%**

Prior Year Comparisson For Meters Read

Utility	FY2011 Meters Read	FY2010 Meters Rea	Variance	% Variance
Electric	3,769	41,804	-38,035	-91%
Water	214,251	214,493	-242	0%
Total	**218,020**	**256,296**		

Customer Care Service Orders

******Updated 01/05/2012 by Pete Sanders******

Source: CC's CIS FY2011

Month	Electric S/O Count	Water S/O Count	El & WA S/O Count	Cumm Total
40,452	6,771	2,720	15,563	25,054
40,483	6,027	2,877	15,069	23,973
40,513	5,190	2,762	12,639	20,591
40,544	5,602	2,717	13,476	21,795
40,575	5,544	2,611	13,881	22,036
40,603	7,188	3,051	16,289	26,528
40,634	7,372	3,284	17,197	27,853
40,664	6,905	3,739	18,342	28,986
40,695	7,344	3,784	16,874	28,002
40,725	7,390	3,868	17,387	28,645
40,756	7,471	4,099	17,954	29,524
40,787	4,727	3,992	8,783	17,502
Total	**77,531**	**39,504**	**183,454**	**300,489**

ADJ. TOTAL	**169,258**	**131,231**		**300,489**
% TOTAL	56.33%	43.67%		
Formulas for Adjusted	**=77,531+(0.5*183,454)**	**=39,504+(0.5*183,454)**		

		Formulas calculations
% Electric Only	25.80%	**77,531 divided by 300,489**
% Water Only	13.15%	**39,504 divided by 300,489**
% Elec & Water	61.05%	**183,454 divided by 300,489**
Cumm Total	**100.00%**	

2013 Proposed Budget for Customer care based on projected assumptions

(Source Approved 2012 Budget) ****Updated 01/20/2011 by Pete Sanders****

***The FY2013 Proposed Customer Care Budget was developed by adjusting Medical Insurance by 10% and PFP by 2% over the FY2012 Approved Budget and the remaining budget was held constant.**

Note: Doesn't include the 311 Information center

Sum of S	**FY2010 Proposed Budget***		
ORG	**ORGN_NAME**	**FY2013 Proposed Budget**	
1125	VP, CUSTOMER CARE	529,546	
8801	CALL CENTER ADMINISTRATION	211,756	
8802	BILLING SERVICES ADMIN	708,548	
8803	CALL CENTER CUSTOMER COMPLAINT	1,649,263	
8804	CALL CENTER TRAINING	814,828	
8805	REMITTANCE PROCESSING	813,985	
8806	CALL CNTR OPERATIONS SYS MGMT	177,824	
8807	BILLING	14,302,133	
8809	REV MEASURE-FIELD SERVICES OPS	2,690,148	
8810	REV MEASUR-CONTRACT COMPLIANCE	3,961,361	**Subtracted out AMI budget $6,250,000**
8811	REVENUE MEASUREMENT&CONTROL	613,886	
8812	REVENUE MEASUREMENT DISPATCH	86,158	
8813	CALL CENTER	7,463,905	
8814	CREDIT MANAGEMENT	1,975,246	
8816	CALL CENTER CONSUMER SERVICES	788,333	
8817	SERVICE OERDER CLOSING	0	
8818	QUALITY MANAGEMENT	588,036	
8819	CURRENT DIVERSION	1,923,443	
8820	CCC-SMALL COMMERCIAL	769,363	
8823	EAST BRANCH OFFICE	439,961	
8824	MULTIFAMILY PARTNERSHIP PRGM	276,289	
8826	NORTH BRANCH OFFICE	302,831	
8827	CONSUMER SERVICES MGMT ADMIN	280,659	
8992	CUSTOMER CARE CORPORATE	47,126	
Grand Total		**41,414,627**	

Additional Budget		**FY2013 proposed Budget**	
8341	CIS Accounting	686,123	updated
ITT		1,693,811	updated
CTM		1,157,444	

Billing Data Summary

Source: CIS system

******Updated 12/22/2011 by Pete Sanders******

Summary - Revenue by Utility

Utility	FY2011	% of Total	FY2010	% of Total	FY2009	% of Total	FY11-09Avg.	% of Total	% of Change FY09 to FY11
Electric	1,054,977,912	67.12%	1,028,430,576	69.63%	1,038,240,789	69.48%	1,040,549,759	68.71%	2%
Water	198,620,222	12.64%	141,393,194	9.57%	172,940,171	11.57%	170,984,529	11.29%	15%
Wastewater	149,498,672	9.51%	144,978,255	9.82%	157,747,182	10.56%	150,741,370	9.95%	-5%
SWS	69,025,686	4.39%	68,109,827	4.61%	45,052,869	3.02%	60,729,461	4.01%	53%
Drainage	57,036,461	3.63%	56,264,933	3.81%	51,969,956	3.48%	55,090,450	3.64%	10%
TUF	42,634,800	2.71%	37,844,267	2.56%	28,295,839	1.89%	36,258,302	2.39%	51%
Total	**1,571,793,754**	**100.00%**	**1,477,021,052**	**100.00%**	**1,494,246,806**	**100.00%**	**1,514,353,871**	**100.00%**	5%

Summary - Bills by Utility

Utility	FY2011	% of Total	FY2010	% of Total	FY2009	% of Total	FY11-09Avg.	% of Total	% of Change FY09 to FY11
Electric	5,095,358	22.30%	5,050,181	22.37%	4,984,147	22.61%	5,043,229	22.42%	2%
Water	2,506,270	10.97%	2,491,157	11.03%	2,472,806	11.22%	2,490,078	11.07%	1%
Wastewater	2,363,534	10.35%	2,348,144	10.40%	2,328,511	10.56%	2,346,730	10.43%	2%
SWS	4,323,054	18.92%	4,237,302	18.77%	3,991,824	18.11%	4,184,060	18.60%	8%
Drainage	4,398,739	19.25%	4,336,042	19.20%	4,238,073	19.22%	4,324,285	19.23%	4%
TUF	4,158,726	18.20%	4,115,679	18.23%	4,032,194	18.29%	4,102,200	18.24%	3%
Total	**22,845,681**	**100.00%**	**22,578,505**	**100.00%**	**22,047,555**	**100.00%**	**22,490,580**	**100.00%**	4%

Summary - Revenue by Electric, Water, Wastewater

Utility	FY2011	% of Total	FY2010	% of Total	FY2009	% of Total	FY11-09Avg.	% of Total	% of Change FY09 to FY11
Electric	1,054,977,912	75.19%	1,028,430,576	78.22%	1,038,240,789	76.23%	1,040,549,759	76.51%	2%
Water	198,620,222	14.16%	141,393,194	10.75%	172,940,171	12.70%	170,984,529	12.57%	15%
Wastewater	149,498,672	10.65%	144,978,255	11.03%	150,741,370	11.07%	148,406,099	10.91%	-1%
Total	**1,403,096,806**	**100.00%**	**1,314,802,025**	**100.00%**	**1,361,922,329**	**100.00%**	**1,359,940,387**	**100.00%**	

Summary - Bills by Electric, Water, Wastewater

Utility	FY2011	% of Total	FY2010	% of Total	FY2009	% of Total	FY11-09Avg.	% of Total	% of Change FY09 to FY11
Electric	5,095,358	51.13%	5,050,181	51.07%	4,984,147	50.93%	5,043,229	51.04%	
Water	2,506,270	25.15%	2,491,157	25.19%	2,472,806	25.27%	2,490,078	25.20%	
Wastewater	2,363,534	23.72%	2,348,144	23.74%	2,328,511	23.80%	2,346,730	23.75%	
Total	**9,965,162**	**100.00%**	**9,889,482**	**100.00%**	**9,785,464**	**100.00%**	**9,880,036**	**100.00%**	

Customer Care Cost Allocation Project

FTEs by Organization

****Updated 12/28/2011****

Source: Customer Care FTE Count FY2012 Approved Budget

ORGN	ORGN_NAME	Total
1125	VP, CUSTOMER CARE	2.00
8801	CALL CENTER ADMINISTRATION	2.00
8802	BILLING SERVICES ADM	6.00
8803	CUSTOMER COMPLAINTS & RESOLUTIONS	16.00
8804	CALL CENTER TRAINING	11.00
8805	REMITTANCE PROCESSING	10.00
8806	CALL CENTER OPER SYS MGMT	2.00
8807	BILLING	45.00
8809	REV MEASURE-FIELD SERVICES OPS	33.00
8810	REV MEASUR-CONTRACT COMPLIANCE	1.00
8811	REVENUE MEASUREMENT&CONTROL	2.00
8812	REVENUE MEASUREMENT FIELD SUPP	1.00
8813	CALL CENTER	69.00
8814	CREDIT MGMT	12.00
8816	CALL CENTER CONSUMER SERVICES	9.00
8817	CAS-SERVICE ORDER CLOSING	0.00
8818	QUALITY MANAGMENT	7.00
8819	CURRENT DIVERSION	23.00
8820	CCC-SMALL COMMERCIAL	11.00
8823	EAST BRANCH OFFICE	6.00
8824	MULTIFAMILY PARTNERSHIP PRGM	4.00
8826	NORTH BRANCH OFFICE	4.00
8827	CONSUMER SERVICES MGMT ADMIN	3.00
Grand Total		**279.00**

Does not include Org. 8821 311 Call Center's	68.00
Grand total with City-wide call Center	**347.00**

Customer Care Projected FY2013 Budget

						10.00%	3.00%		
Sum of EXPENSEBUDGET						Insurance 10%	PFP 2%		FY2013 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	1125	Personnel	5001	REGULAR WAGES - FULL TIME	278,056		8,342		286,398
			5026	STABILITY PAY	3,000				3,000
			5051	PERSONNEL SAVINGS	(12,989)				(12,989)
			5133	PHONE ALLOWANCE	1,560				1,560
			5185	INSURANCE-HEALTH/LIFE/DENTAL	20,478	2,048			22,526
			5190	FICA TAX	13,175		395		13,570
			5191	MEDICARE TAX	4,099		123		4,222
			5196	RETIREMENT CONTRIBUTION - COA	22,244				22,244
		Contractuals	5860	SERVICES - OTHER	79,507				79,507
			6501	TRAVEL - CITY BUSINESS	35,100				35,100
			6503	STAFF DEV-SEMINARS	35,100				35,100
			6632	MEMBERSHIPS	34,300				34,300
			6633	SUBSCRIPTIONS	1,186				1,186
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	980				980
			7482	FOOD/ICE	980				980
			7486	BOOfS	980				980
			7500	OFFICE SUPPLIES	490				490
			7600	SMALL TOOLS/MINOR EQUIPMENT	392				392
	1125 Total				**518,638**	2,048	8,860	0	529,546
	8800	Expense Refunds	8504	AE CALL CENTER REIMB. FROM OTHER CITY DEPT.	(5,887,700)				(5,887,700)
	8800 Total				**(5,887,700)**	0	0	0	(5,887,700)
	8801	Personnel	5001	REGULAR WAGES - FULL TIME	158,950		4,769		163,719
			5026	STABILITY PAY	2,500				2,500
			5051	PERSONNEL SAVINGS	(7,425)				(7,425)
			5133	PHONE ALLOWANCE	1,260				1,260
			5185	INSURANCE-HEALTH/LIFE/DENTAL	20,478	2,048			22,526
			5190	FICA TAX	10,007		300		10,307
			5191	MEDICARE TAX	2,360		71		2,431
			5196	RETIREMENT CONTRIBUTION - COA	12,715				12,715
		Contractuals	5610	SERVICES - JANITORIAL	490				490
			6450	ADVERTISING/PUBLICATION	784				784
			6551	MILEAGE REIMBURSEMENTS	294				294
		Commodities	7135	HOUSEHOLD & CLEANING SUPPLIES	98				98
			7425	MEDICAL/DENTAL SUPPLIES	98				98
			7482	FOOD/ICE	343				343
			7486	BOOfS	245				245
			7500	OFFICE SUPPLIES	980				980
			7600	SMALL TOOLS/MINOR EQUIPMENT	98				98
			7601	SAFETY EQUIPMENT	294				294
	8801 Total				**204,569**	2,048	5,140	0	211,756
	8802	Personnel	5001	REGULAR WAGES - FULL TIME	521,788		15,654		537,442
			5026	STABILITY PAY	2,000				2,000
			5051	PERSONNEL SAVINGS	(30,140)				(30,140)
			5133	PHONE ALLOWANCE	2,820				2,820
			5185	INSURANCE-HEALTH/LIFE/DENTAL	71,673	7,167	2,150		80,990

Sum of EXPENSEBUDGET						Insurance 10%	PFP 2%		FY2013 Projected
MEGA_BUSINESS_UI	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8802	Personnel	5190	FICA TAX	32,539		976		33,515
			5191	MEDICARE TAX	7,638				7,638
			5196	RETIREMENT CONTRIBUTION - COA	41,743				41,743
		Contractuals	5860	SERVICES - OTHER	3,840				3,840
			6452	PRINTING/BINDING/REPRODUCTION	3,000				3,000
			6633	SUBSCRIPTIONS	100				100
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	1,200				1,200
			7482	FOOD/ICE	5,700				5,700
			7500	OFFICE SUPPLIES	15,200				15,200
			7580	SOFTWARE < $1,000	1,000				1,000
			7615	OFFICE FUNISHINGS	2,500				2,500
	8802 Total				682,601	7,167	18,780	0	708,548
	8803	Personnel	5001	REGULAR WAGES - FULL TIME	812,589		24,378		836,967
			5006	TEMPORARY EMPLOYEES	26,254				26,254
			5026	STABILITY PAY	9,690				9,690
			5051	PERSONNEL SAVINGS	(47,566)				(47,566)
			5125	BILINGUAL PAY	3,600				3,600
			5133	PHONE ALLOWANCE	1,440				1,440
			5185	INSURANCE-HEALTH/LIFE/DENTAL	163,824	16,382			180,206
			5190	FICA TAX	51,342		1,540		52,882
			5191	MEDICARE TAX	12,006		360		12,366
			5196	RETIREMENT CONTRIBUTION - COA	65,008				65,008
			5140	ALLOWANCE/OTHER PAY	(720)				(720)
		Contractuals	5860	SERVICES - OTHER	441,000				441,000
			6126	RENTAL - OTHER EQUIPMENT	735				735
			6406	TELEPHONE EQUIPMENT	980				980
			6415	POSTAGE	25,000				25,000
			6452	PRINTING/BINDING/REPRODUCTION	29,400				29,400
			6551	MILEAGE REIMBURSEMENTS	588				588
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	2,940				2,940
			7482	FOOD/ICE	1,396				1,396
			7500	OFFICE SUPPLIES	3,724				3,724
			7580	SOFTWARE < $1,000	1,372				1,372
			7600	SMALL TOOLS/MINOR EQUIPMENT	1,000				1,000
			7610	MINOR COMPUTER HARDWARE	1,000				1,000
	8803 Total				1,606,602	16,382	26,278	0	1,649,263
	8804	Personnel	5001	REGULAR WAGES - FULL TIME	577,881		17,336		595,217
			5026	STABILITY PAY	5,265				5,265
			5051	PERSONNEL SAVINGS	(26,995)				(26,995)
			5125	BILINGUAL PAY	1,800				1,800
			5133	PHONE ALLOWANCE	720				720
			5185	INSURANCE-HEALTH/LIFE/DENTAL	112,629	11,263			123,892
			5190	FICA TAX	36,313		1,089		37,402
			5191	MEDICARE TAX	8,492		255		8,747
			5196	RETIREMENT CONTRIBUTION - COA	46,230				46,230
		Contractuals	6388	MAINTENANCE - COMPUTER SOFTWARE	7,840				7,840
			6452	PRINTING/BINDING/REPRODUCTION	4,000				4,000
			6632	MEMBERSHIPS	1,000				1,000
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	1,960				1,960

Sum of EXPENSEBUDGET						Insurance 10%	PFP 2%		FY2013 Projected
MEGA_BUSINESS_UI	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8804	Commodities	7482	FOOD/ICE	735				735
			7486	BOOfS	400				400
			7500	OFFICE SUPPLIES	3,920				3,920
			7580	SOFTWARE < $1,000	1,960				1,960
			7610	MINOR COMPUTER HARDWARE	735				735
	8804 Total				784,885	11,263	18,681	0	814,828
	8805	Personnel	5001	REGULAR WAGES - FULL TIME	476,568		14,297		490,865
			5005	OVERTIME	7,680				7,680
			5026	STABILITY PAY	6,500				6,500
			5051	PERSONNEL SAVINGS	(33,909)				(33,909)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	102,390	10,239			112,629
			5190	FICA TAX	29,950		899		30,849
			5191	MEDICARE TAX	7,003		210		7,213
			5196	RETIREMENT CONTRIBUTION - COA	38,128				38,128
		Contractuals	5860	SERVICES - OTHER	129,173				129,173
			6128	RENTAL-SAFE DEP./P.O. BOXES	1,350				1,350
			6250	FLEET EQUIPM. PREVENTATIVE MAINTN.	8,786				8,786
			6255	TRANSPORTATION-CITY VEH. FUEL	1,233				1,233
		Commodities	7500	OFFICE SUPPLIES	12,488				12,488
			7600	SMALL TOOLS/MINOR EQUIPMENT	1,000				1,000
	8805 Total				788,340	10,239	15,406	0	813,985
	8806	Personnel	5001	REGULAR WAGES - FULL TIME	134,171		4,025		138,196
			5005	OVERTIME	1,400				1,400
			5026	STABILITY PAY	2,000				2,000
			5051	PERSONNEL SAVINGS	(9,121)				(9,121)
			5133	PHONE ALLOWANCE	1,260				1,260
			5185	INSURANCE-HEALTH/LIFE/DENTAL	20,478	2,048			22,526
			5190	FICA TAX	8,521		256		8,777
			5191	MEDICARE TAX	1,993		60		2,053
			5196	RETIREMENT CONTRIBUTION - COA	10,734				10,734
	8806 Total				171,436	2,048	4,341	0	177,824
	8807	Personnel	5001	REGULAR WAGES - FULL TIME	2,222,721		66,682		2,289,403
			5005	OVERTIME	29,560				29,560
			5006	TEMPORARY EMPLOYEES	415,433				415,433
			5026	STABILITY PAY	35,860				35,860
			5051	PERSONNEL SAVINGS	(80,941)				(80,941)
			5125	BILINGUAL PAY	3,600				3,600
			5185	INSURANCE-HEALTH/LIFE/DENTAL	460,755	46,076			506,831
			5190	FICA TAX	140,256		4,208		144,464
			5191	MEDICARE TAX	32,797		984		33,781
			5196	RETIREMENT CONTRIBUTION - COA	177,825				177,825
		Contractuals	5860	SERVICES - OTHER	8,412,500				8,412,500
			6255	TRANSPORTATION-CITY VEH. FUEL	1,456				1,456
			6415	POSTAGE	2,122,062				2,122,062
			6452	PRINTING/BINDING/REPRODUCTION	20,000				20,000
			6854	MISCELLANEOUS EXPENSE	190,000				190,000
		Commodities	7478	CLOTHING/CLOTHING MATERIAL	300				300
	8807 Total				14,184,184	46,076	71,873	0	14,302,133
	8809	Personnel	5001	REGULAR WAGES - FULL TIME	1,534,232		46,027		1,580,259

Sum of EXPENSEBUDGET						Insurance 10%	PFP 2%		FY2013 Projected
MEGA_BUSINESS_UI	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8809	Personnel	5004	SHIFT DIFFERENTIAL	9,400				9,400
			5005	OVERTIME	154,285				154,285
			5026	STABILITY PAY	24,937				24,937
			5030	ON CALL HOURS	10,000				10,000
			5037	CALL BACf TIME	21,890				21,890
			5051	PERSONNEL SAVINGS	(71,670)				(71,670)
			5125	BILINGUAL PAY	1,800				1,800
			5133	PHONE ALLOWANCE	1,140				1,140
			5185	INSURANCE-HEALTH/LIFE/DENTAL	337,887	33,789			371,676
			5190	FICA TAX	96,851		2,906		99,757
			5191	MEDICARE TAX	22,649		679		23,328
			5196	RETIREMENT CONTRIBUTION - COA	122,736				122,736
		Contractuals	6203	INTERDEPARTMENTAL CHARGES	941				941
			6250	FLEET EQUIPM. PREVENTATIVE MAINTN.	61,174				61,174
			6255	TRANSPORTATION-CITY VEH. FUEL	205,644				205,644
			6387	MAINTENANCE - COMPUTER HARDWARE	500				500
			6452	PRINTING/BINDING/REPRODUCTION	800				800
			6632	MEMBERSHIPS	50				50
		Commodities	7122	HARDWARE/WIRE/STEEL	462				462
			7134	CHEMICALS	980				980
			7135	HOUSEHOLD & CLEANING SUPPLIES	980				980
			7310	GASOLINE/OIL/GREASE	980				980
			7450	PHOTOGRAPHIC SUPPLIES	500				500
			7460	METERS	4,547				4,547
			7478	CLOTHING/CLOTHING MATERIAL	25,375				25,375
			7600	SMALL TOOLS/MINOR EQUIPMENT	8,990				8,990
			7601	SAFETY EQUIPMENT	9,187				9,187
			9051	OTHER EQUIPMENT	19,500				19,500
	8809 Total				2,606,747	33,789	49,612	0	2,690,148
	8810	Personnel	5001	REGULAR WAGES - FULL TIME	63,839		1,915		65,754
			5026	STABILITY PAY	1,000				1,000
			5051	PERSONNEL SAVINGS	(2,982)				(2,982)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	10,239	1,024			11,263
			5190	FICA TAX	4,020		121		4,141
			5191	MEDICARE TAX	940		28		968
			5196	RETIREMENT CONTRIBUTION - COA	5,107				5,107
		Contractuals	5860	SERVICES - OTHER	9,898,110			(6,250,000)	3,648,110
			6123	RENTAL-REAL ESTATE-OTHER	83,000				83,000
			6388	MAINTENANCE - COMPUTER SOFTWARE	145,000				145,000
	8810 Total				10,208,273	1,024	2,064	(6,250,000)	3,961,361
	8811	Personnel	5001	REGULAR WAGES - FULL TIME	150,125		4,504		154,629
			5026	STABILITY PAY	1,000				1,000
			5051	PERSONNEL SAVINGS	(7,013)				(7,013)
			5133	PHONE ALLOWANCE	720				720
			5185	INSURANCE-HEALTH/LIFE/DENTAL	20,478	2,048			22,526
			5190	FICA TAX	9,414		282		9,696
			5191	MEDICARE TAX	2,202		66		2,268
			5196	RETIREMENT CONTRIBUTION - COA	12,009				12,009
		Contractuals	5860	SERVICES - OTHER	54,400				54,400

Sum of EXPENSEBUDGET						Insurance 10%	PFP 2%		FY2013 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8811	Contractuals	6121	RENTAL-REAL ESTATE-OFFFICE	320,000				320,000
			6415	POSTAGE	441				441
			6452	PRINTING/BINDING/REPRODUCTION	1,323				1,323
			6551	MILEAGE REIMBURSEMENTS	2,500				2,500
			6632	MEMBERSHIPS	250				250
		Commodities	7482	FOOD/ICE	5,051				5,051
			7500	OFFICE SUPPLIES	14,192				14,192
			7600	SMALL TOOLS/MINOR EQUIPMENT	18,914				18,914
			7610	MINOR COMPUTER HARDWARE	980				980
	8811 Total				606,986	2,048	4,852	0	613,886
	8812	Personnel	5001	REGULAR WAGES - FULL TIME	58,047		1,741		59,788
			5051	PERSONNEL SAVINGS	(2,712)				(2,712)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	10,239	1,024			11,263
			5190	FICA TAX	3,599		108		3,707
			5191	MEDICARE TAX	842		25		867
			5196	RETIREMENT CONTRIBUTION - COA	4,644				4,644
		Contractuals	6416	PRIORITY MAIL/PARCEL SERVICES	720				720
		Commodities	7500	OFFICE SUPPLIES	980				980
	8812 Total				76,359	3,072	6,727	0	86,158
	8813	Personnel	5001	REGULAR WAGES - FULL TIME	3,082,223		92,467		3,174,690
			5004	SHIFT DIFFERENTIAL	12,000				12,000
			5005	OVERTIME	64,000				64,000
			5026	STABILITY PAY	30,435				30,435
			5037	CALL BACf TIME	1,418				1,418
			5051	PERSONNEL SAVINGS	(146,072)				(146,072)
			5125	BILINGUAL PAY	32,400				32,400
			5133	PHONE ALLOWANCE	1,860				1,860
			5185	INSURANCE-HEALTH/LIFE/DENTAL	696,252	69,625			765,877
			5190	FICA TAX	195,241		5,857		201,098
			5191	MEDICARE TAX	45,666		1,370		47,036
			5196	RETIREMENT CONTRIBUTION - COA	246,561				246,561
		Contractuals	5720	SERVICES - TEMP. EMPLOYMENT	1,764,000				1,764,000
			5860	SERVICES - OTHER	574,857				574,857
			6123	RENTAL-REAL ESTATE-OTHER	784				784
			6389	MAINTENANCE - OTHER EQUIPT	238,140				238,140
			6404	TELEPHONE - BASE COST	343,000				343,000
			6406	TELEPHONE EQUIPMENT	3,910				3,910
			6632	MEMBERSHIPS	833				833
		Commodities	7482	FOOD/ICE	4,800				4,800
			7500	OFFICE SUPPLIES	8,320				8,320
			7580	SOFTWARE < $1,000	84,280				84,280
			7601	SAFETY EQUIPMENT	490				490
			7610	MINOR COMPUTER HARDWARE	5,880				5,880
			7615	OFFICE FUNISHINGS	3,308				3,308
	8813 Total				7,294,586	69,625	99,694	0	7,463,905
	8814	Personnel	5001	REGULAR WAGES - FULL TIME	614,014		18,420		632,434
			5026	STABILITY PAY	5,893				5,893
			5037	CALL BACf TIME	3,000				3,000
			5051	PERSONNEL SAVINGS	(28,735)				(28,735)

Sum of EXPENSEBUDGET						Insurance 10%	PFP 2%		FY2013 Projected
MEGA_BUSINESS_UI	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8814	Personnel	5125	BILINGUAL PAY	3,600				3,600
			5185	INSURANCE-HEALTH/LIFE/DENTAL	122,868	12,287			135,155
			5190	FICA TAX	38,658		1,160		39,818
			5191	MEDICARE TAX	9,038		271		9,309
			5196	RETIREMENT CONTRIBUTION - COA	49,122				49,122
		Contractuals	5860	SERVICES - OTHER	1,111,100				1,111,100
			6415	POSTAGE	500				500
			6452	PRINTING/BINDING/REPRODUCTION	9,800				9,800
			6551	MILEAGE REIMBURSEMENTS	588				588
			6633	SUBSCRIPTIONS	600				600
		Commodities	7482	FOOD/ICE	1,102				1,102
			7500	OFFICE SUPPLIES	1,960				1,960
	8814 Total				1,943,108	12,287	19,851	0	1,975,246
	8816	Personnel	5001	REGULAR WAGES - FULL TIME	586,113		17,583		603,696
			5026	STABILITY PAY	10,000				10,000
			5051	PERSONNEL SAVINGS	(27,379)				(27,379)
			5125	BILINGUAL PAY	1,800				1,800
			5133	PHONE ALLOWANCE	720				720
			5185	INSURANCE-HEALTH/LIFE/DENTAL	92,151	9,215			101,366
			5190	FICA TAX	37,116		1,113		38,229
			5191	MEDICARE TAX	8,682		260		8,942
			5196	RETIREMENT CONTRIBUTION - COA	46,891				46,891
		Contractuals	6551	MILEAGE REIMBURSEMENTS	490				490
			6632	MEMBERSHIPS	980				980
			6633	SUBSCRIPTIONS	98				98
		Commodities	7482	FOOD/ICE	784				784
			7500	OFFICE SUPPLIES	735				735
			7600	SMALL TOOLS/MINOR EQUIPMENT	490				490
			7610	MINOR COMPUTER HARDWARE	490				490
	8816 Total				760,161	9,215	18,957	0	788,333
	8818	Personnel	5001	REGULAR WAGES - FULL TIME	444,100		13,323		457,423
			5026	STABILITY PAY	2,500				2,500
			5051	PERSONNEL SAVINGS	(27,201)				(27,201)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	71,673	7,167			78,840
			5190	FICA TAX	27,690		831		28,521
			5191	MEDICARE TAX	6,476		194		6,670
			5196	RETIREMENT CONTRIBUTION - COA	35,528				35,528
		Contractuals	6561	PARfING SPACE COSTS	147				147
			6632	MEMBERSHIPS	1,350				1,350
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	343				343
			7482	FOOD/ICE	200				200
			7486	BOOfS	196				196
			7500	OFFICE SUPPLIES	735				735
			7580	SOFTWARE < $1,000	2,735				2,735
			7600	SMALL TOOLS/MINOR EQUIPMENT	49				49
	8818 Total				566,521	7,167	14,348	0	588,036
	8819	Personnel	5001	REGULAR WAGES - FULL TIME	1,227,927		36,838		1,264,765
			5005	OVERTIME	26,173				26,173
			5026	STABILITY PAY	15,490				15,490

Sum of EXPENSEBUDGET						Insurance 10%	PFP 2%		FY2013 Projected
MEGA_BUSINESS_UI	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8819	Personnel	5030	ON CALL HOURS	10,000				10,000
			5037	CALL BACf TIME	7,054				7,054
			5051	PERSONNEL SAVINGS	(57,319)				(57,319)
			5125	BILINGUAL PAY	1,800				1,800
			5133	PHONE ALLOWANCE	1,140				1,140
			5185	INSURANCE-HEALTH/LIFE/DENTAL	235,497	23,550			259,047
			5190	FICA TAX	77,272		2,318		79,590
			5191	MEDICARE TAX	18,073		542		18,615
			5196	RETIREMENT CONTRIBUTION - COA	98,232				98,232
		Contractuals	6250	FLEET EQUIPM. PREVENTATIVE MAINTN.	50,052				50,052
			6255	TRANSPORTATION-CITY VEH. FUEL	20,204				20,204
			6452	PRINTING/BINDING/REPRODUCTION	1,253				1,253
			6632	MEMBERSHIPS	450				450
			6633	SUBSCRIPTIONS	4,567				4,567
			6558	PROFESSIONAL REGISTRATION	75				75
		Commodities	7134	CHEMICALS	490				490
			7310	GASOLINE/OIL/GREASE	200				200
			7478	CLOTHING/CLOTHING MATERIAL	15,000				15,000
			7580	SOFTWARE < $1,000	400				400
			7600	SMALL TOOLS/MINOR EQUIPMENT	11,165				11,165
			7601	SAFETY EQUIPMENT	5,000				5,000
			9051	OTHER EQUIPMENT	90,000				90,000
	8819 Total				**1,860,195**	23,550	39,698	0	1,923,443
	8820	Personnel	5001	REGULAR WAGES - FULL TIME	542,047		16,261		558,308
			5026	STABILITY PAY	10,000				10,000
			5051	PERSONNEL SAVINGS	(25,321)				(25,321)
			5125	BILINGUAL PAY	7,200				7,200
			5185	INSURANCE-HEALTH/LIFE/DENTAL	112,629	11,263			123,892
			5190	FICA TAX	34,674		1,040		35,714
			5191	MEDICARE TAX	8,104		243		8,347
			5196	RETIREMENT CONTRIBUTION - COA	43,356				43,356
		Contractuals	6450	ADVERTISING/PUBLICATION	1,500				1,500
			6452	PRINTING/BINDING/REPRODUCTION	1,000				1,000
			6632	MEMBERSHIPS	490				490
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	1,000				1,000
			7482	FOOD/ICE	1,078				1,078
			7500	OFFICE SUPPLIES	1,078				1,078
			7600	SMALL TOOLS/MINOR EQUIPMENT	250				250
			7610	MINOR COMPUTER HARDWARE	490				490
			7615	OFFICE FUNISHINGS	980				980
	8820 Total				**740,555**	11,263	17,545	0	769,363
	8821	Personnel	5001	REGULAR WAGES - FULL TIME	3,237,242		97,117		3,334,359
			5005	OVERTIME	45,000				45,000
			5026	STABILITY PAY	18,207				18,207
			5051	PERSONNEL SAVINGS	(151,148)				(151,148)
			5125	BILINGUAL PAY	16,200				16,200
			5133	PHONE ALLOWANCE	4,260				4,260
			5185	INSURANCE-HEALTH/LIFE/DENTAL	706,491	70,649			777,140
			5190	FICA TAX	202,283		6,068		208,351

Sum of EXPENSEBUDGET						Insurance 10%	PFP 2%		FY2013 Projected
MEGA_BUSINESS_U	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8821	Personnel	5191	MEDICARE TAX	47,510		1,425		48,935
			5196	RETIREMENT CONTRIBUTION - COA	258,967				258,967
		Contractuals	5280	CONSULTANT - OTHERS	111,180				111,180
			5720	SERVICES - TEMP. EMPLOYMENT	2,000,000				2,000,000
			5860	SERVICES - OTHER	245,160				245,160
			6121	RENTAL-REAL ESTATE-OFFFICE	439,600				439,600
			6388	MAINTENANCE - COMPUTER SOFTWARE	388,500				388,500
			6404	TELEPHONE - BASE COST	140,169				140,169
			6406	TELEPHONE EQUIPMENT	3,450				3,450
			6551	MILEAGE REIMBURSEMENTS	4,900				4,900
			6632	MEMBERSHIPS	1,470				1,470
			6633	SUBSCRIPTIONS	490				490
		Commodities	7454	EDUCATIONAL/PROMOTIONAL MAT'L	4,900				4,900
			7478	CLOTHING/CLOTHING MATERIAL	1,470				1,470
			7482	FOOD/ICE	6,370				6,370
			7486	BOOfS	2,842				2,842
			7500	OFFICE SUPPLIES	6,174				6,174
			7580	SOFTWARE < $1,000	33,663				33,663
			7600	SMALL TOOLS/MINOR EQUIPMENT	8,330				8,330
	8821 Total				**7,783,680**	70,649	104,611	0	7,958,940
	8823	Personnel	5001	REGULAR WAGES - FULL TIME	305,490		9,165		314,655
			5005	OVERTIME	5,200				5,200
			5026	STABILITY PAY	4,000				4,000
			5051	PERSONNEL SAVINGS	(23,408)				(23,408)
			5125	BILINGUAL PAY	3,600				3,600
			5185	INSURANCE-HEALTH/LIFE/DENTAL	61,434	6,143			67,577
			5190	FICA TAX	19,412		582		19,994
			5191	MEDICARE TAX	4,540		136		4,676
			5196	RETIREMENT CONTRIBUTION - COA	24,441				24,441
		Contractuals	5280	CONSULTANT - OTHERS	2,000				2,000
			5560	SERVICES - CONSTR. CONTRACTS	2,000				2,000
			6383	MAINTENANCE - BUILDINGS	200				200
			6452	PRINTING/BINDING/REPRODUCTION	1,000				1,000
			6551	MILEAGE REIMBURSEMENTS	500				500
		Commodities	7127	ELECTRICAL/LIGHTING	1,000				1,000
			7135	HOUSEHOLD & CLEANING SUPPLIES	250				250
			7478	CLOTHING/CLOTHING MATERIAL	1,125				1,125
			7500	OFFICE SUPPLIES	400				400
			7580	SOFTWARE < $1,000	2,500				2,500
			7600	SMALL TOOLS/MINOR EQUIPMENT	1,000				1,000
			7610	MINOR COMPUTER HARDWARE	4,750				4,750
			7615	OFFICE FUNISHINGS	2,000				2,000
			7815	CASH OVER/SHORT	500				500
	8823 Total				**423,934**	6,143	9,883	0	439,961
	8824	Personnel	5001	REGULAR WAGES - FULL TIME	197,924		5,938		203,862
			5026	STABILITY PAY	1,000				1,000
			5051	PERSONNEL SAVINGS	(9,246)				(9,246)
			5185	INSURANCE-HEALTH/LIFE/DENTAL	40,956	4,096			45,052
			5190	FICA TAX	12,332		370		12,702

Sum of EXPENSEBUDGET						Insurance 10%	PFP 2%		FY2013 Projected
MEGA_BUSINESS_UI	UNIT	ObjtCategory	OBJT	OBJTdesc	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	**8824**	Personnel	**5191**	MEDICARE TAX	2,884		87		2,971
			5196	RETIREMENT CONTRIBUTION - COA	15,833				15,833
		Contractuals	**6404**	TELEPHONE - BASE COST	490				490
			6452	PRINTING/BINDING/REPRODUCTION	980				980
			6551	MILEAGE REIMBURSEMENTS	294				294
			6632	MEMBERSHIPS	980				980
		Commodities	**7454**	EDUCATIONAL/PROMOTIONAL MAT'L	580				580
			7482	FOOD/ICE	400				400
			7500	OFFICE SUPPLIES	392				392
	8824 Total				**265,799**	4,096	6,394	0	276,289
	8992	Contractuals	**6407**	TELEPHONE-CELLULAR PHONES	30,270				30,270
			6854	MISCELLANEOUS EXPENSE	16,856				16,856
	8992 Total				**47,126**	0	0	0	47,126
	8825	Expense Refunds	**8505**	EXPENSE REFUNDS	(6,079,086)				(6,079,086)
	8825 Total				**(6,079,086)**	0	0	0	(6,079,086)
	8826	Personnel	**5001**	REGULAR WAGES - FULL TIME	195,612		5,868		201,480
			5005	OVERTIME	5,000				5,000
			5026	STABILITY PAY	1,000				1,000
			5125	BILINGUAL PAY	1,800				1,800
			5185	INSURANCE-HEALTH/LIFE/DENTAL	40,956	4,096			45,052
			5190	FICA TAX	12,301		369		12,670
			5191	MEDICARE TAX	2,874		86		2,960
			5196	RETIREMENT CONTRIBUTION - COA	15,649				15,649
		Contractuals	**5280**	CONSULTANT - OTHERS	2,000				2,000
			6452	PRINTING/BINDING/REPRODUCTION	1,000				1,000
			6551	MILEAGE REIMBURSEMENTS	500				500
		Commodities	**7127**	ELECTRICAL/LIGHTING	2,000				2,000
			7135	HOUSEHOLD & CLEANING SUPPLIES	500				500
			7478	CLOTHING/CLOTHING MATERIAL	1,020				1,020
			7500	OFFICE SUPPLIES	400				400
			7580	SOFTWARE < $1,000	2,500				2,500
			7600	SMALL TOOLS/MINOR EQUIPMENT	1,000				1,000
			7610	MINOR COMPUTER HARDWARE	3,800				3,800
			7615	OFFICE FUNISHINGS	2,000				2,000
			7815	CASH OVER/SHORT	500				500
	8826 Total				**292,412**	4,096	6,324	0	302,831
	8828	Expense Refunds	**8504**	AE CALL CENTER REIMB. FROM OTHER CITY DEPT.	(12,461,652)				(12,461,652)
	8828 Total				**(12,461,652)**	0	0	0	(12,461,652)
	8827	Personnel	**5001**	REGULAR WAGES - FULL TIME	205,649		6,169		211,818
			5026	STABILITY PAY	1,500				1,500
			5185	INSURANCE-HEALTH/LIFE/DENTAL	30,717	3,072			33,789
			5190	FICA TAX	12,888		387		13,275
			5191	MEDICARE TAX	3,015		90		3,105
			5196	RETIREMENT CONTRIBUTION - COA	16,452				16,452
			5140	ALLOWANCE/OTHER PAY	720				720
	8827 Total				**270,941**	3,072	6,647	0	280,659
Customer Care Total					**30,260,200**	358,365	576,565	(6,250,000)	24,945,130

FY2014 PROPOSED CUSTOMER CARE ALLOCATION

KPMG MODEL

Assumptions:	***%***
Regular Wages	3%
Medical Insurance	8%

FY2014 Proposed AE Cost Allocation

Allocation based on KPMG FY02 Model

Utility	FY14 Budget Alloc	% of Total
Electric *	$ 28,700,419.8	58.72%
Water	$ 13,024,145.3	26.65%
Wastewater	$ 4,185,620.9	8.56%
Solid Waste	$ 1,157,129.3	2.37%
Drainage	$ 995,217.3	2.04%
Transportation	$ 817,624.5	1.67%
Total	**$ 48,880,157**	**100.00%**

Reimbursements	**$**	**20,179,737**

Changed allocation for Call Center to Meters by Utility instead

FY 2014 Allocation Factors & Percents Per Utility

Allocation Factors	Electric	Water	Wastewater	Solid Waste	Drainage	Transportation	Totals
Service Revenue by Utility	67.28%	12.15%	10.41%	4.21%	3.45%	2.49%	100.00%
Service Revenue by E, W, WW only	74.40%	13.44%	12.16%				100.00%
Bills by Utility	21.67%	10.71%	10.09%	21.57%	18.56%	17.40%	100.00%
Bills by E, W, WW only	51.02%	25.21%	23.76%				100.00%
Service Orders by Utility	60.41%	31.59%	**8.00%**				100.00%
Meters Read	0.52%	93.48%	**6.00%**				100.00%
Total Meters By Utility	66.26%	33.74%					100.00%

Wastewater Percentages are based on billed revenue, number of bills, and since Wasterwater has no service orders nor meters, KPMG provided

Allocation of Customer Care Orgs

Source: CC's FY12 data from CC&B, FY14 Proposed Budget with projected assumptions

Distribution Of Administrative Budget By Allocation Factors within Customer Care

Org.	Description	FTEs	Proposed FY14 Budget	Distribution of Admin/Training Per FTE	Adjusted Service Area Req.	Allocation Method
1125	VP, Customer Care	2.00	563,052	0	0	Distributed amongst all orgs per FTE
8801	Call Center Administration	2.00	230,808	0	0	Distributed amongst all orgs per FTE
8802	Billing Services Adminstration	7.00	1,027,354	0	0	Distributed amongst all orgs per FTE
8804	Call Center Training	13.00	1,017,520	0	0	Distributed amongst all orgs per FTE
8992	Customer Care & Marketing Corporate	0	39,606	0	0	Distributed amongst all orgs per FTE
8803	Customer Center Complaint	18.00	2,150,546	202,383	2,352,929	100% AE (AE is accepting 100% of the cost because no way to capture that
8805	Remittance Processing	10.00	884,046	112,435	996,481	Service Revenue by Utility
8806	Call Center Operation System Mgmt	2.00	196,234	22,487	218,721	Service Revenue by Utility
8807	Billing	45.00	3,664,375	505,958	4,170,333	Bills by E, W, WW only
8807	Billing - CIS	0	6,269,712	0	6,269,712	Service Revenue by Utility
8807	Billing - Postage	0	2,276,700	0	2,276,700	Bills by Utility
8809	Rev Measure-Field Services Ops	33.00	2,910,362	371,036	3,281,398	Service Orders by Utility
8810	Rev Measure-Contract Compliance	-	3,876,110	0	3,876,110	Meters Read
8811	Revenue Measurement & Control	2.00	605,004	22,487	627,491	Bills by E, W, WW only
8812	Revenue Measurement & Dispatch	2.00	203,087	22,487	225,574	Service Orders by Utility
8813	Call Center	67.00	7,967,215	753,316	8,720,530	Bills by E, W, WW only
8813	Call Center - Base Telephone	0	343,000	0	343,000	100% AE
8814	Credit Management	10.00	2,254,285	112,435	2,366,720	Service Revenue by Utility
8816	CCC-Consumer Services	9.00	835,832	101,192	937,023	100% AE
8817	Service Order Closing	0	0	0	0	Bills by E, W, WW only
8818	Quality Management	9.00	810,553	101,192	911,744	Bills by E, W, WW only
8819	Current Diversion	23.00	2,032,109	258,601	2,290,709	Total Meters By Utility
8820	CCC-Small Commercial	10.00	763,825	112,435	876,260	Service Revenue by E, W, WW Only
8823	East Branch Office	6.00	493,160	67,461	560,621	Service Revenue by Utility
8824	Muli-Familiy Partnership Program	4.00	298,664	44,974	343,639	Bills by E, W, WW only
8826	North Branch Office	4.00	319,236	44,974	364,210	Service Revenue by Utility
8827	Consumer Services Management Adm	2.00	201,062	22,487	223,549	Service Revenue by Utility
	Subtotal Call Center	**280.00**	**42,233,454**	**2,878,340**	**42,233,454**	
Other Austin Energy Cost Dedicated to Customer Care						
	AE IT CIS Projects	-	723,637	0	723,637	Overall Percentage Average
8341	CIS Accounting Services	-	790,757	0	790,757	Service Revenue by Utility
	CTM Cost Allocations	-	1,049,066	0	1,049,066	Service Revenue by Utility
	Subtotal Other Expenses		**2,563,460**	0	**2,563,460**	
	Total to be allocated		**44,796,914**	**2,878,340**	**44,796,914**	
	CC & B CIP Allocation		4,083,242	0	4,083,242	
	GRAND TOTAL ALLOCATION AMOUNT		**48,880,156**		**48,880,156**	

Customer Care Cost Allocation Cost Per Org

Source: CC's FY12 data from CC&B, FY14 Proposed Budget with projected assumptions

Org	Org name	Electric	Water	Wastewater	Solid Waste	Drainage	Transportation	Totals
8803	CALL CENTER CUSTOMER COMPLAINT	2,352,929	0	0	0	0	0	2,352,929
8805	REMITTANCE PROCESSING	670,410	121,117	103,767	41,951	34,416	24,820	996,481
8806	CALL CNTR OPER SYS MGMT	147,151	26,584	22,776	9,208	7,554	5,448	218,721
8807	BILLING	2,127,882	1,051,533	990,918	0	0	0	4,170,333
8807	BILLING- CIS	4,218,124	762,049	652,886	263,948	216,541	156,165	6,269,712
8807	BILLING- Postage	493,421	243,833	229,777	490,973	422,472	396,224	2,276,700
8809	REV MEASURE-FIELD SERVICES	1,982,205	1,036,681	262,512	0	0	0	3,281,398
8810	CONTACT COMPLIANCE (Meter Reading)	20,051	3,623,492	232,567	0	0	0	3,876,110
8811	REVENUE MEASUREMENT & CONTROL	320,173	158,219	149,099	0	0	0	627,491
8812	REVENUE MEASUREMENT-DISPATCH	136,263	71,265	18,046	0	0	0	225,574
8813	CALL CENTER	5,778,240	2,942,291	-	0	0	0	8,720,530
8813	CALL CENTER-Base Telephone	343,000	0	0	0	0	0	343,000
8814	CREDIT MANAGEMENT	1,592,277	287,662	246,455	99,636	81,741	58,950	2,366,720
8816	CALL CENTER CONSUMER SERVICES	937,023	0	0	0	0	0	937,023
8817	SERVICE ORDER CLOSING	0	0	0	0	0	0	0
8818	QUALITY MANAGEMENT	465,211	229,893	216,641	0	0	0	911,744
8819	CURRENT DIVERSION	1517828	772881	0	0	0	0	2290709
8820	CCC-SMALL COMMERCIAL	651,942	117,780	106,538	0	0	0	876,260
8823	EAST BRANCH OFFICE	377,173	68,140	58,379	23,601	19,363	13,964	560,621
8824	MULTI-FAMILY PARTNERSHIP PROGRAM	175,339	86,647	81,652	0	0	0	343,639
8826	NORTH BRANCH OFFICE	245,033	44,268	37,926	15,333	12,579	9,072	364,210
8827	CUSTOMER SERVICES MGMT ADMIN	48,449	23,942	22,562	48,209	41,482	38,905	223,549
	Subtotal Call Center Allocable O&M	24,600,124	11,668,276	3,432,501	992,858	836,149	703,547	42,233,454
		58.25%	**27.63%**	**8.13%**	**2.35%**	**1.98%**	**1.67%**	**100.00%**
Other Austin Energy Cost Dedicated to Customer Care								
8341	CIS ACOUNTING SERVICES	460,600	218,471	64,268	18,590	15,656	13,173	790,757
	AE IT CIS PROJECTS	421,504	199,927	58,813	17,012	14,327	12,055	723,637
1306	CTM ALLOCATION	705,788	127,508	109,243	44,164	36,232	26,130	1,049,066
	Sub-Total Other Allocable Expense	1,587,892	545,905	232,324	79,766	66,215	51,357	2,563,460
	TOTAL ALLOCATIONS	**26,188,016**	**12,214,181**	**3,664,825**	**1,072,624**	**902,363**	**754,904**	**44,796,914**
	GRAND TOTAL PERCENTAGE ALLOCATIONS	**58.46%**	**27.27%**	**8.18%**	**2.39%**	**2.01%**	**1.69%**	**100.00%**
	CC & B CIP Allocation	**2,512,404**	**809,964**	**520,796**	**84,505**	**92,854**	**62,720**	**4,083,243**
	GRAND TOTAL ALLOCATION AMOUNT	**28,700,420**	**13,024,145**	**4,185,621**	**1,157,129**	**995,217**	**817,624**	**48,880,157**

Customer Care Cost Allocation Project
Customer Care Meters Data

Source: Pamela Cleveland & Bill Kelly Revenue Measurement FY2012

******Updated 01/16/2013 ******

Electric

Utility	Month	# of Meters	AMR	Total Number of Manual Electric meters (Electric Meters - AMR)
Electric	Oct-11	421,718	420,775	943
Electric	Nov-11	420,025	418,927	1,098
Electric	Dec-11	420,158	419,075	1,083
Electric	Jan-12	419,936	418,863	1,073
Electric	Feb-12	420,733	418,728	2,005
Electric	Mar-12	421,791	419,919	1,872
Electric	Apr-12	421,951	420,673	1,278
Electric	May-12	422,315	421,043	1,272
Electric	Jun-12	423,015	421,741	1,274
Electric	Jul-12	423,552	422,563	989
Electric	Aug-12	423,589	423,259	330
Electric	Sep-12	423,891	423,703	188
Total Electric		**5,062,674.00**	5,049,269	13,405
Avg # Elec Meters		**421,890**		**1,117**

Water

Utility	Month	# of Meters
Water	Oct-11	213,652
Water	Nov-11	212,743
Water	Dec-11	212,897
Water	Jan-12	212,859
Water	Feb-12	213,247
Water	Mar-12	213,497
Water	Apr-12	216,225
Water	May-12	216,425
Water	Jun-12	216,151
Water	Jul-12	216,540
Water	Aug-12	216,709
Water	Sep-12	216,978
Total Water		**2,577,923.00**
Avg # Water Meters		**214,827**

Total Meters Read FYduring 2012

Utility	Meters Read	% of Total
Electric	1,117	0.52%
Water	214,827	99.48%
Total	**215,944**	**100.00%**

Total Meters during FY2012

Utility	Meters	% of Total
Electric	421,890	66%
Water	214,827	34%
	636,716	**100%**

Prior Year Comparisson For Meters Read

Utility	FY2012 Meters Read	FY2011 Meters Rea	Variance	% Variance
Electric	1,117	3,769	-2,652	-70%
Water	214,827	214,251	576	0%
Total	**215,944**	**218,020**		

Customer Care Service Orders

******Updated 04/05/2013 ******

Source: CC&B Jason Lopez FY2012

Month	Electric S/O Count	Water S/O Count	El & WA S/O Count	Cumm Total
11-Oct	19,437	8,500	35,541	63,478
11-Nov	17,676	7,366	32,570	57,612
11-Dec	17,871	7,688	33,088	58,647
12-Jan	20,528	7,539	36,031	64,098
12-Feb	20,491	7,627	36,101	64,219
12-Mar	20,495	8,079	36,936	65,510
12-Apr	20,855	7,767	36,406	65,028
12-May	24,709	9,168	43,089	76,966
12-Jun	27,979	9,441	48,511	85,931
12-Jul	31,406	9,808	52,898	94,112
12-Aug	39,860	10,825	64,764	115,449
12-Sep	23,775	7,694	39,454	70,923
Total	**285,082**	**101,502**	**495,389**	**881,973**

ADJ. TOTAL	**532,777**	**349,197**		**881,973**
% TOTAL	60.41%	39.59%		
Formulas for Adjusted	**=285,082+(0.5*495,389)**	**=101,502+(0.5*495,389)**		

		Formulas calculations
% Electric Only	32.32%	**285,082 divided by 881,973**
% Water Only	11.51%	**101,502 divided by 881,973**
% Elec & Water	56.17%	**495,389 divided by 881,973**
Cumm Total	**100.00%**	

2014 Proposed Budget for Customer care based on projected assumptions

(Source Proposed 2014 Budget, adjusted for PFP) ******Updated 04/05/2013 ******

***The FY2014 Proposed Customer Care Budget was developed by adjusting PFP by 3% over the FY2014 Proposed Budget and the remaining budget was as entered in eCOMBS at 04/05/13.**

Note: DOESN'T INCLUDE THE 311 CITY-WIDE INFORMATION CENTER OR EXPENSE REIMBURSEMENTS

Sum of $	**FY2014 Proposed Budget***		
ORG	**ORGN_NAME**	**FY2014 Proposed Budget**	
1125	VP, CUSTOMER CARE	563,052	
8801	CALL CENTER ADMINISTRATION	230,808	
8802	BILLING SERVICES ADMIN	1,027,354	
8803	CALL CENTER CUSTOMER COMPLAINT	2,150,546	
8804	CALL CENTER TRAINING	1,017,520	
8805	REMITTANCE PROCESSING	884,046	
8806	CALL CNTR OPERATIONS SYS MGMT	196,234	
8807	BILLING	12,210,787	
8809	REV MEASURE-FIELD SERVICES OPS	2,910,362	
8810	REV MEASUR-CONTRACT COMPLIANCE	3,876,110	**Subtracted out AMI budget $6,250,000**
8811	REVENUE MEASUREMENT&CONTROL	605,004	
8812	REVENUE MEASUREMENT DISPATCH	203,087	
8813	CALL CENTER	8,310,215	
8814	CREDIT MANAGEMENT	2,254,285	
8816	CALL CENTER CONSUMER SERVICES	835,832	
8817	SERVICE OERDER CLOSING	0	
8818	QUALITY MANAGEMENT	810,553	
8819	CURRENT DIVERSION	2,032,109	
8820	CCC-SMALL COMMERCIAL	763,825	
8823	EAST BRANCH OFFICE	493,160	
8824	MULTIFAMILY PARTNERSHIP PRGM	298,664	
8826	NORTH BRANCH OFFICE	319,236	
8827	CONSUMER SERVICES MGMT ADMIN	201,062	
8992	CUSTOMER CARE CORPORATE	39,606	
Grand Total		**42,233,454**	

Additional Budget		**FY2014 Proposed Budget**	
8341	CIS Accounting: Updated 11/5/12	790,757	updated 11/05/2012
ITT	AE IT CIS Projects: Updated 01/18/13	723,637	This equals IT staff time recorded to TKs: 1120319800, 1120082600, 1120372500 = 702,5
CTM	CTM Cost Allocations: Updated 11/5/12	1,049,066	updated 11/05/2012

44,796,914

Billing Data Summary

Source: CC&B system Jason Lopez

******Updated 04/05/2013 ******

Summary - Revenue by Utility

Utility	FY2012	% of Total	FY2011	% of Total	FY2010	% of Total	FY12-10Avg.	% of Total	% of Change FY10 to FY12
Electric	1,291,371,368	65.64%	1,054,977,912	67.12%	1,028,430,576	69.63%	1,124,926,619	67.28%	26%
Water	269,676,264	13.71%	198,620,222	12.64%	141,393,194	9.57%	203,229,893	12.15%	91%
Wastewater	227,875,596	11.58%	149,498,672	9.51%	144,978,255	9.82%	174,117,508	10.41%	57%
SWS	74,040,133	3.76%	69,025,686	4.39%	68,109,827	4.61%	70,391,882	4.21%	9%
Drainage	59,946,216	3.05%	57,036,461	3.63%	56,264,933	3.81%	57,749,203	3.45%	7%
TUF	44,462,948	2.26%	42,634,800	2.71%	37,844,267	2.56%	41,647,338	2.49%	17%
Total	**1,967,372,525**	**100.00%**	**1,571,793,754**	**100.00%**	**1,477,021,052**	**100.00%**	**1,672,062,444**	**100.00%**	33%

Summary - Bills by Utility

Utility	FY2012	% of Total	FY2011	% of Total	FY2010	% of Total	FY12-10Avg.	% of Total	% of Change FY10 to FY12
Electric	5,213,356	20.49%	5,095,358	22.30%	5,050,181	22.37%	5,119,632	21.67%	3%
Water	2,592,460	10.19%	2,506,270	10.97%	2,491,157	11.03%	2,529,962	10.71%	4%
Wastewater	2,440,694	9.59%	2,363,534	10.35%	2,348,144	10.40%	2,384,124	10.09%	4%
SWS	6,722,351	26.42%	4,323,054	18.92%	4,237,302	18.77%	5,094,236	21.57%	59%
Drainage	4,415,662	17.35%	4,398,739	19.25%	4,336,042	19.20%	4,383,481	18.56%	2%
TUF	4,059,017	15.95%	4,158,726	18.20%	4,115,679	18.23%	4,111,141	17.40%	-1%
Total	**25,443,540**	**100.00%**	**22,845,681**	**100.00%**	**22,578,505**	**100.00%**	**23,622,575**	**100.00%**	13%

Summary - Revenue by Electric, Water, Wastewater

Utility	FY2012	% of Total	FY2011	% of Total	FY2010	% of Total	FY12-10Avg.	% of Total	% of Change FY10 to FY12
Electric	1,291,371,368	72.19%	1,054,977,912	75.19%	1,028,430,576	76.52%	1,124,926,619	74.40%	26%
Water	269,676,264	15.07%	198,620,222	14.16%	141,393,194	10.52%	203,229,893	13.44%	91%
Wastewater	227,875,596	12.74%	149,498,672	10.65%	174,117,508	12.96%	183,830,592	12.16%	31%
Total	**1,788,923,228**	**100.00%**	**1,403,096,806**	**100.00%**	**1,343,941,278**	**100.00%**	**1,511,987,104**	**100.00%**	

Summary - Bills by Electric, Water, Wastewater

Utility	FY2012	% of Total	FY2011	% of Total	FY2010	% of Total	FY12-10Avg.	% of Total	% of Change FY10 to FY12
Electric	5,213,356	50.88%	5,095,358	51.13%	5,050,181	51.07%	5,119,632	51.02%	
Water	2,592,460	25.30%	2,506,270	25.15%	2,491,157	25.19%	2,529,962	25.21%	
Wastewater	2,440,694	23.82%	2,363,534	23.72%	2,348,144	23.74%	2,384,124	23.76%	
Total	**10,246,510**	**100.00%**	**9,965,162**	**100.00%**	**9,889,482**	**100.00%**	**10,033,718**	**100.00%**	

Customer Care Cost Allocation Project

FTEs by Organization

****Updated 03/31/2013****

Source: Customer Care FTE Count FY2014 Proposed FTE Count

ORGN	ORGN_NAME	Total
1125	VP, CUSTOMER CARE	2.00
8801	CALL CENTER ADMINISTRATION	2.00
8802	BILLING SERVICES ADM	7.00
8803	CUSTOMER COMPLAINTS & RESOLUTIONS	18.00
8804	CALL CENTER TRAINING	13.00
8805	REMITTANCE PROCESSING	10.00
8806	CALL CENTER OPER SYS MGMT	2.00
8807	BILLING	45.00
8809	REV MEASURE-FIELD SERVICES OPS	33.00
8810	REV MEASUR-CONTRACT COMPLIANCE	-
8811	REVENUE MEASUREMENT&CONTROL	2.00
8812	REVENUE MEASUREMENT FIELD SUPP	2.00
8813	CALL CENTER	67.00
8814	CREDIT MGMT	10.00
8816	CALL CENTER CONSUMER SERVICES	9.00
8817	CAS-SERVICE ORDER CLOSING	0.00
8818	QUALITY MANAGMENT	9.00
8819	CURRENT DIVERSION	23.00
8820	CCC-SMALL COMMERCIAL	10.00
8823	EAST BRANCH OFFICE	6.00
8824	MULTIFAMILY PARTNERSHIP PRGM	4.00
8826	NORTH BRANCH OFFICE	4.00
8827	CONSUMER SERVICES MGMT ADMIN	2.00
Grand Total		**280.00**

Does not include Org. 8821 311 Call Center's	69.00
Grand total with City-wide call Center	**349.00**

Customer Care Projected FY2014 Budget

Note: Used FY14 Proposed in eCOMBS which has Ins calculated

10.00% 3.00%

Sum of SumOfSumOfAMOUNT							Insurance 10%	PFP 3%		FY2014 Projected
MEGA_BUSINESS_I	orglink	ORGN_NAME	ObjtCategory	OBJECT_CD	OBJECT_DESCRIPTION	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	1125	Vp, Customer Care	Regular wages - ful	Personnel	5001	286,416		8,592		295,008
			Stability pay	Personnel	5026	3,000				3,000
			Personnel savings			(17,994)				(17,994)
			Phone allowance	Personnel	5133	1,560				1,560
			Insurance-health/lil	Personnel	5185	22,780				22,780
			FICA tax	Personnel	5190	13,575		407		13,982
			Medicare tax	Personnel	5191	4,219		127		4,346
			Contribution to em	Personnel	5196	51,555				51,555
			Services-other	Contractuals	5860	79,507				79,507
			Travel city business	Contractuals	6501	35,000				35,000
			Staff dev-seminars	Contractuals	6503	35,000				35,000
			Memberships	Contractuals	6632	34,300				34,300
			Subscriptions	Contractuals	6633	1,186				1,186
			Educational/promo	Commodities	7454	980				980
			Food/ice	Commodities	7482	980				980
			Books-library	Commodities	7486	980				980
			Office supplies	Commodities	7500	490				490
			Small tools/minor e	Commodities	7600	392				392
	1125 Total					**553,926**	**0**	**9,126**	**0**	**563,052**
	8800	Customer Contact Center Reim	AE customer care/c	Expense Refunds	8504	(5,871,330)				(5,871,330)
	8800 Total					**(5,871,330)**				**(5,871,330)**
	8801	Call Center Adm.	Regular wages - ful	Personnel	5001	163,738		4,912		168,650
			Stability pay	Personnel	5026	2,500				2,500
			Personnel savings			(10,287)				(10,287)
			Phone allowance	Personnel	5133	1,260				1,260
			Insurance-health/lil	Personnel	5185	22,780				22,780
			FICA tax	Personnel	5190	10,385		312		10,697
			Medicare tax	Personnel	5191	2,429		73		2,502
			Contribution to em	Personnel	5196	29,472				29,472
			Food/ice	Commodities	7482	343				343
			Books-library	Commodities	7486	245				245
			Office supplies	Commodities	7500	980				980
			Small tools/minor e	Commodities	7600	98				98
			Advertising/publica	Contractuals	6450	784				784
			Mileage reimburser	Contractuals	6551	294				294
			Household/cleaning	Commodities	7135	98				98
			Medical/dental supp	Commodities	7425	98				98
			Safety equipment	Commodities	7601	294				294
	8801 Total					**225,511**	**0**	**5,297**	**0**	**230,808**
	8802	Billing Services Admin	Regular wages - ful	Personnel	5001	555,984		16,680		572,664
			Stability pay	Personnel	5026	4,500				4,500
			Personnel savings			(34,318)				(34,318)
			Phone allowance	Personnel	5133	2,820				2,820
			Insurance-health/lil	Personnel	5185	79,730				79,730
			FICA tax	Personnel	5190	34,908		1,047		35,955
			Medicare tax	Personnel	5191	8,167		245		8,412

Customer Care Projected FY2014 Budget

Note: Used FY14 Proposed in eCOMBS which has Ins calculated

10.00% 3.00%

Sum of SumOfSumOfAMOUNT							Insurance 10%	PFP 3%		FY2014 Projected
MEGA_BUSINESS_I	orglink	ORGN_NAME	ObjtCategory	OBJECT_CD	OBJECT_DESCRIPTION	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8802	Billing Services Admin	Contribution to emp	Personnel	5196	100,076				100,076
			Services-other	Contractuals	5860	18,900				18,900
			Subscriptions	Contractuals	6633	100				100
			Educational/promo	Commodities	7454	1,200				1,200
			Food/ice	Commodities	7482	5,850				5,850
			Office supplies	Commodities	7500	15,600				15,600
			Mileage reimburser	Contractuals	6551	600				600
			Overtime	Personnel	5005	10,350				10,350
			Temporary employ	Personnel	5006	180,115				180,115
			Services-survey	Contractuals	5700	17,200				17,200
			Printing/binding/ph	Contractuals	6452	3,000				3,000
			Software	Commodities	7580	1,500				1,500
			Office furnishings	Commodities	7615	3,100				3,100
	8802 Total					1,009,382	0	17,972	0	1,027,354
	8803	Cust. Complaints & Rsltn	Regular wages - ful	Personnel	5001	944,987		28,350		973,337
			Stability pay	Personnel	5026	8,500				8,500
			Personnel savings			(58,739)				(58,739)
			Phone allowance	Personnel	5133	720				720
			Insurance-health/lif	Personnel	5185	205,020				205,020
			FICA tax	Personnel	5190	59,495		1,785		61,280
			Medicare tax	Personnel	5191	13,913		417		14,330
			Contribution to emp	Personnel	5196	170,096				170,096
			Services-other	Contractuals	5860	606,563				606,563
			Educational/promo	Commodities	7454	13,565				13,565
			Food/ice	Commodities	7482	900				900
			Office supplies	Commodities	7500	4,499				4,499
			Small tools/minor e	Commodities	7600	1,000				1,000
			Advertising/publica	Contractuals	6450	32,500				32,500
			Mileage reimburser	Contractuals	6551	4,088				4,088
			Printing/binding/ph	Contractuals	6452	69,400				69,400
			Software	Commodities	7580	1,372				1,372
			Bilingual Pay	Personnel	5125	5,400				5,400
			Rental-other equipr	Contractuals	6126	9,735				9,735
			Telephone equipme	Contractuals	6406	980				980
			Postage	Contractuals	6415	25,000				25,000
			Minor computer ha	Commodities	7610	1,000				1,000
	8803 Total					2,119,994	0	30,552	0	2,150,546
	8804	Call Center Training	Regular wages - ful	Personnel	5001	675,250		20,258		695,508
			Stability pay	Personnel	5026	9,175				9,175
			Personnel savings			(42,116)				(42,116)
			Phone allowance	Personnel	5133	720				720
			Insurance-health/lif	Personnel	5185	148,070				148,070
			FICA tax	Personnel	5190	42,703		1,281		43,984
			Medicare tax	Personnel	5191	9,988		300		10,288
			Contribution to emp	Personnel	5196	121,544				121,544
			Memberships	Contractuals	6632	1,000				1,000

Customer Care Projected FY2014 Budget

Note: Used FY14 Proposed in eCOMBS which has Ins calculated

10.00% 3.00%

Sum of SumOfSumOfAMOUNT							Insurance 10%	PFP 3%		FY2014 Projected
MEGA_BUSINESS_I	orglink	ORGN_NAME	ObjtCategory	OBJECT_CD	OBJECT_DESCRIPTION	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8804	Call Center Training	Educational/promo	Commodities	7454	1,960				1,960
			Food/ice	Commodities	7482	735				735
			Books-library	Commodities	7486	400				400
			Office supplies	Commodities	7500	3,920				3,920
			Mileage reimburser	Contractuals	6551	1,200				1,200
			Printing/binding/pl	Contractuals	6452	4,000				4,000
			Software	Commodities	7580	1,960				1,960
			Bilingual Pay	Personnel	5125	3,600				3,600
			Minor computer ha	Commodities	7610	735				735
			Awards	Contractuals	6361	200				200
			Maintenance-comp	Contractuals	6388	10,638				10,638
	8804 Total					995,682	0	21,838	0	1,017,520
	8805	Remittance Processing	Regular wages - ful	Personnel	5001	495,458		14,864		510,322
			Stability pay	Personnel	5026	8,765				8,765
			Personnel savings			(31,127)				(31,127)
			Insurance-health/lif	Personnel	5185	113,900				113,900
			FICA tax	Personnel	5190	31,260		938		32,198
			Medicare tax	Personnel	5191	7,311		219		7,530
			Contribution to em	Personnel	5196	89,183				89,183
			Services-other	Contractuals	5860	133,067				133,067
			Memberships	Contractuals	6632	500				500
			Small tools/minor e	Commodities	7600	1,000				1,000
			Overtime	Personnel	5005	2,970				2,970
			Rental-safe deposit/	Contractuals	6128	2,973				2,973
			Fleet-equip.prevent	Contractuals	6250	9,665				9,665
			Transportation-city	Contractuals	6255	2,500				2,500
			Maintenance-other	Contractuals	6389	500				500
			Clothing/clothing m	Commodities	7478	100				100
	8805 Total					868,025	0	16,021	0	884,046
	8806	Call Cntr Oper Sys. Mgmt	Regular wages - ful	Personnel	5001	138,175		4,145		142,320
			Stability pay	Personnel	5026	2,500				2,500
			Personnel savings			(8,681)				(8,681)
			Phone allowance	Personnel	5133	1,260				1,260
			Insurance-health/lif	Personnel	5185	22,780				22,780
			FICA tax	Personnel	5190	8,800		264		9,064
			Medicare tax	Personnel	5191	2,058		62		2,120
			Contribution to em	Personnel	5196	24,871				24,871
	8806 Total					191,763	0	4,471	0	196,234
	8807	Billing	Regular wages - ful	Personnel	5001	2,286,631		68,599		2,355,230
			Stability pay	Personnel	5026	36,970				36,970
			Personnel savings			(143,956)				(143,956)
			Insurance-health/lif	Personnel	5185	512,550				512,550
			FICA tax	Personnel	5190	144,173		4,325		148,498
			Medicare tax	Personnel	5191	33,719		1,012		34,731
			Contribution to em	Personnel	5196	411,596				411,596
			Services-other	Contractuals	5860	6,269,712				6,269,712

Customer Care Projected FY2014 Budget

Note: Used FY14 Proposed in eCOMBS which has Ins calculated

10.00% **3.00%**

Sum of SumOfSumOfAMOUNT							Insurance 10%	PFP 3%		FY2014 Projected
MEGA_BUSINESS_I	orglink	ORGN_NAME	ObjtCategory	OBJECT_CD	OBJECT_DESCRIPTION	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8807	Billing	Overtime	Personnel	5005	70,725				70,725
			Printing/binding/ph	Contractuals	6452	22,000				22,000
			Office furnishings	Commodities	7615	21,675				21,675
			Bilingual Pay	Personnel	5125	1,800				1,800
			Postage	Contractuals	6415	2,276,700				2,276,700
			Fleet-equip.prevent	Contractuals	6250	1,100				1,100
			Transportation-city	Contractuals	6255	1,456				1,456
			Miscellaneous expe	Contractuals	6854	190,000				190,000
	8807 Total					**12,136,851**	**0**	**73,936**	**0**	**12,210,787**
	8809	Rev Measure-Field Services Op	Regular wages - ful	Personnel	5001	1,566,698		47,001		1,613,699
			Stability pay	Personnel	5026	29,229				29,229
			Personnel savings			(97,617)				(97,617)
			Phone allowance	Personnel	5133	840				840
			Insurance-health/lif	Personnel	5185	375,870				375,870
			FICA tax	Personnel	5190	99,111		2,973		102,084
			Medicare tax	Personnel	5191	23,182		695		23,877
			Contribution to emp	Personnel	5196	282,004				282,004
			Memberships	Contractuals	6632	70				70
			Small tools/minor e	Commodities	7600	8,990				8,990
			Household/cleaning	Commodities	7135	2,000				2,000
			Medical/dental supp	Commodities	7425	2,000				2,000
			Safety equipment	Commodities	7601	9,187				9,187
			Overtime	Personnel	5005	154,285				154,285
			Printing/binding/ph	Contractuals	6452	800				800
			Bilingual Pay	Personnel	5125	1,800				1,800
			Minor computer ha	Commodities	7610	8,500				8,500
			Fleet-equip.prevent	Contractuals	6250	61,174				61,174
			Transportation-city	Contractuals	6255	205,644				205,644
			Clothing/clothing m	Commodities	7478	25,375				25,375
			Shift differential	Personnel	5004	9,400				9,400
			On call hours	Personnel	5030	10,000				10,000
			Call back time	Personnel	5037	21,890				21,890
			Interdeptl charges	Contractuals	6203	941				941
			Maintenance-compu	Contractuals	6387	500				500
			Hardware/wire/stee	Commodities	7122	462				462
			Electrical/lighting	Commodities	7127	50				50
			Chemicals	Commodities	7134	980				980
			Elctrcal conductors	Commodities	7146	300				300
			Gasoline/oil/grease	Commodities	7310	980				980
			Photographic	Commodities	7450	500				500
			Meters	Commodities	7460	54,547				54,547
	8809 Total					**2,859,692**	**0**	**50,670**	**0**	**2,910,362**
	8810	Rev Measur-Contract Compliar	Services-other	Contractuals	5860	9,898,110			(6,250,000)	3,648,110
			Maintenance-compu	Contractuals	6388	145,000				145,000
			Rental-real estate-o	Contractuals	6123	83,000				83,000
	8810 Total					**10,126,110**	**0**	**0**	**(6,250,000)**	**3,876,110**

Customer Care Projected FY2014 Budget

Note: Used FY14 Proposed in eCOMBS which has Ins calculated

10.00% 3.00%

Sum of SumOfSumOfAMOUNT							Insurance 10%	PFP 3%		FY2014 Projected
MEGA_BUSINESS_I	orglink	ORGN_NAME	ObjtCategory	OBJECT_CD	OBJECT_DESCRIPTION	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8811	Revenue Measurement&Contrc	Regular wages - ful	Personnel	5001	154,627		4,639		159,266
			Stability pay	Personnel	5026	1,000				1,000
			Personnel savings			(9,714)				(9,714)
			Phone allowance	Personnel	5133	720				720
			Insurance-health/lil	Personnel	5185	22,780				22,780
			FICA tax	Personnel	5190	9,694		291		9,985
			Medicare tax	Personnel	5191	2,267		68		2,335
			Contribution to em	Personnel	5196	27,833				27,833
			Services-other	Contractuals	5860	54,400				54,400
			Memberships	Contractuals	6632	250				250
			Food/ice	Commodities	7482	5,051				5,051
			Office supplies	Commodities	7500	14,192				14,192
			Small tools/minor e	Commodities	7600	18,914				18,914
			Mileage reimburser	Contractuals	6551	2,500				2,500
			Printing/binding/pl	Contractuals	6452	1,323				1,323
			Postage	Contractuals	6415	441				441
			Minor computer ha	Commodities	7610	980				980
			Rental-real estate-o	Contractuals	6121	292,748				292,748
	8811 Total					**600,006**	**0**	**4,998**	**0**	**605,004**
	8812	Rev Measurement Field Supp.	Regular wages - ful	Personnel	5001	144,810		4,344		149,154
			Stability pay	Personnel	5026	500				500
			Personnel savings			(8,564)				(8,564)
			Insurance-health/lil	Personnel	5185	22,780				22,780
			FICA tax	Personnel	5190	9,010		270		9,280
			Medicare tax	Personnel	5191	2,107		63		2,170
			Contribution to em	Personnel	5196	26,066				26,066
			Office supplies	Commodities	7500	980				980
			Priority mail/parce	Contractuals	6416	720				720
	8812 Total					**198,409**	**0**	**4,678**	**0**	**203,087**
	8813	Call Center	Regular wages - ful	Personnel	5001	3,052,726		91,582		3,144,308
			Stability pay	Personnel	5026	32,358				32,358
			Personnel savings			(191,898)				(191,898)
			Phone allowance	Personnel	5133	720				720
			Insurance-health/lil	Personnel	5185	763,130				763,130
			FICA tax	Personnel	5190	193,325		5,800		199,125
			Medicare tax	Personnel	5191	45,215		1,356		46,571
			Contribution to em	Personnel	5196	549,489				549,489
			Services-other	Contractuals	5860	474,857				474,857
			Memberships	Contractuals	6632	833				833
			Food/ice	Commodities	7482	4,800				4,800
			Office supplies	Commodities	7500	8,320				8,320
			Safety equipment	Commodities	7601	490				490
			Overtime	Personnel	5005	64,000				64,000
			Software	Commodities	7580	84,280				84,280
			Office furnishings	Commodities	7615	3,300				3,300
			Bilingual Pay	Personnel	5125	32,400				32,400

Customer Care Projected FY2014 Budget

Note: Used FY14 Proposed in eCOMBS which has Ins calculated

10.00% 3.00%

Sum of SumOfSumOfAMOUNT							Insurance 10%	PFP 3%		FY2014 Projected
MEGA_BUSINESS_I	orglink	ORGN_NAME	ObjtCategory	OBJECT_CD	OBJECT_DESCRIPTION	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8813	Call Center	Telephone equipme	Contractuals	6406	3,910				3,910
			Minor computer ha	Commodities	7610	5,880				5,880
			Maintenance-other	Contractuals	6389	238,140				238,140
			Call back time	Personnel	5037	1,418				1,418
			Rental-real estate-o	Contractuals	6123	784				784
			Services-temporary	Contractuals	5720	2,500,000				2,500,000
			Telephone-base cos	Contractuals	6404	343,000				343,000
	8813 Total					**8,211,477**	**0**	**98,738**	**0**	**8,310,215**
	8814	Credit Management	Regular wages - ful	Personnel	5001	523,392		15,702		539,094
			Stability pay	Personnel	5026	6,000				6,000
			Personnel savings			(32,882)				(32,882)
			Phone allowance	Personnel	5133	1,140				1,140
			Insurance-health/lil	Personnel	5185	113,900				113,900
			FICA tax	Personnel	5190	33,116		993		34,109
			Medicare tax	Personnel	5191	7,745		232		7,977
			Contribution to em	Personnel	5196	94,210				94,210
			Services-other	Contractuals	5860	1,111,100				1,111,100
			Subscriptions	Contractuals	6633	600				600
			Food/ice	Commodities	7482	650				650
			Office supplies	Commodities	7500	1,960				1,960
			Mileage reimburser	Contractuals	6551	588				588
			Temporary employ	Personnel	5006	360,230				360,230
			Printing/binding/pl	Contractuals	6452	9,800				9,800
			Bilingual Pay	Personnel	5125	3,600				3,600
			Postage	Contractuals	6415	2,208				2,208
	8814 Total					**2,237,357**	**0**	**16,928**	**0**	**2,254,285**
	8816	Call Center Consumer Serv.	Regular wages - ful	Personnel	5001	585,706		17,571		603,277
			Stability pay	Personnel	5026	8,000				8,000
			Personnel savings			(36,532)				(36,532)
			Phone allowance	Personnel	5133	720				720
			Insurance-health/lil	Personnel	5185	102,510				102,510
			FICA tax	Personnel	5190	36,967		1,109		38,076
			Medicare tax	Personnel	5191	8,646		259		8,905
			Contribution to em	Personnel	5196	105,427				105,427
			Memberships	Contractuals	6632	980				980
			Subscriptions	Contractuals	6633	98				98
			Food/ice	Commodities	7482	300				300
			Office supplies	Commodities	7500	300				300
			Small tools/minor e	Commodities	7600	490				490
			Mileage reimburser	Contractuals	6551	490				490
			Office furnishings	Commodities	7615	500				500
			Bilingual Pay	Personnel	5125	1,800				1,800
			Minor computer ha	Commodities	7610	490				490
	8816 Total					**816,892**	**0**	**18,940**	**0**	**835,832**
	8818	Quality Management	Regular wages - ful	Personnel	5001	564,907		16,947		581,854
			Stability pay	Personnel	5026	5,777				5,777

Customer Care Projected FY2014 Budget

Note: Used FY14 Proposed in eCOMBS which has Ins calculated

10.00% 3.00%

Sum of SumOfSumOfAMOUNT							Insurance 10%	PFP 3%		FY2014 Projected
MEGA_BUSINESS_I	orglink	ORGN_NAME	ObjtCategory	OBJECT_CD	OBJECT_DESCRIPTION	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	**8818**	Quality Management	**Personnel savings**			(31,992)				(31,992)
			Insurance-health/lil	Personnel	5185	102,510				102,510
			FICA tax	Personnel	5190	35,381		1,061		36,442
			Medicare tax	Personnel	5191	8,274		248		8,522
			Contribution to em	Personnel	5196	101,684				101,684
			Memberships	Contractuals	6632	1,350				1,350
			Educational/promo	Commodities	7454	343				343
			Food/ice	Commodities	7482	200				200
			Books-library	Commodities	7486	196				196
			Office supplies	Commodities	7500	735				735
			Small tools/minor e	Commodities	7600	49				49
			Software	Commodities	7580	2,735				2,735
			Parking costs	Contractuals	6561	147				147
	8818 Total					**792,296**	**0**	**18,257**	**0**	**810,553**
	8819	Current Diversion	**Regular wages - ful**	Personnel	5001	1,281,074		38,432		1,319,506
			Stability pay	Personnel	5026	20,736				20,736
			Personnel savings			(79,936)				(79,936)
			Phone allowance	Personnel	5133	2,400				2,400
			Insurance-health/lil	Personnel	5185	261,970				261,970
			FICA tax	Personnel	5190	80,973		2,429		83,402
			Medicare tax	Personnel	5191	18,937		568		19,505
			Contribution to em	Personnel	5196	230,592				230,592
			Memberships	Contractuals	6632	500				500
			Subscriptions	Contractuals	6633	4,567				4,567
			Books-library	Commodities	7486	0				0
			Small tools/minor e	Commodities	7600	11,165				11,165
			Safety equipment	Commodities	7601	5,000				5,000
			Overtime	Personnel	5005	26,173				26,173
			Printing/binding/pl	Contractuals	6452	1,253				1,253
			Software	Commodities	7580	400				400
			Bilingual Pay	Personnel	5125	1,800				1,800
			Fleet-equip.prevent	Contractuals	6250	50,052				50,052
			Transportation-city	Contractuals	6255	20,204				20,204
			Clothing/clothing m	Commodities	7478	15,000				15,000
			On call hours	Personnel	5030	10,000				10,000
			Call back time	Personnel	5037	7,054				7,054
			Chemicals	Commodities	7134	490				490
			Gasoline/oil/grease	Commodities	7310	200				200
			Meters	Commodities	7460	20,000				20,000
			Professional registr	Contractuals	6558	75				75
	8819 Total					**1,990,679**	**0**	**41,430**	**0**	**2,032,109**
	8820	Ccc-Small Commercial	**Regular wages - ful**	Personnel	5001	510,058		15,302		525,360
			Stability pay	Personnel	5026	10,500				10,500
			Personnel savings			(32,044)				(32,044)
			Insurance-health/lil	Personnel	5185	113,900				113,900
			FICA tax	Personnel	5190	32,606		978		33,584

Customer Care Projected FY2014 Budget

Note: Used FY14 Proposed in eCOMBS which has Ins calculated

10.00% 3.00%

Sum of SumOfSumOfAMOUNT							Insurance 10%	PFP 3%		FY2014 Projected
MEGA_BUSINESS_I	orglink	ORGN_NAME	ObjtCategory	OBJECT_CD	OBJECT_DESCRIPTION	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8820	Ccc-Small Commercial	Medicare tax	Personnel	5191	7,628		229		7,857
			Contribution to em	Personnel	5196	91,808				91,808
			Memberships	Contractuals	6632	490				490
			Educational/promo	Commodities	7454	1,000				1,000
			Food/ice	Commodities	7482	550				550
			Office supplies	Commodities	7500	1,100				1,100
			Small tools/minor e	Commodities	7600	250				250
			Advertising/publica	Contractuals	6450	1,500				1,500
			Printing/binding/pl	Contractuals	6452	1,000				1,000
			Office furnishings	Commodities	7615	980				980
			Bilingual Pay	Personnel	5125	5,400				5,400
			Minor computer ha	Commodities	7610	490				490
			Parking costs	Contractuals	6561	100				100
	8820 Total					747,316	0	16,509	0	763,825
	8823	East Branch Office	Regular wages - ful	Personnel	5001	318,178		9,545		327,723
			Stability pay	Personnel	5026	5,265				5,265
			Personnel savings			(19,613)				(19,613)
			Insurance-health/lif	Personnel	5185	68,340				68,340
			FICA tax	Personnel	5190	20,278		608		20,886
			Medicare tax	Personnel	5191	4,743		142		4,885
			Contribution to em	Personnel	5196	57,273				57,273
			Office supplies	Commodities	7500	400				400
			Small tools/minor e	Commodities	7600	1,000				1,000
			Household/cleaning	Commodities	7135	250				250
			Overtime	Personnel	5005	8,500				8,500
			Printing/binding/pl	Contractuals	6452	1,000				1,000
			Software	Commodities	7580	2,500				2,500
			Bilingual Pay	Personnel	5125	3,600				3,600
			Minor computer ha	Commodities	7610	4,750				4,750
			Clothing/clothing r	Commodities	7478	900				900
			Electrical/lighting	Commodities	7127	1,000				1,000
			Consultant-others	Contractuals	5280	3,000				3,000
			Maintenance-office	Contractuals	6386	1,000				1,000
			Cash over/short	Commodities	7815	500				500
	8823 Total					482,864	0	10,296	0	493,160
	8824	Multifamily Partnership Prgm	Regular wages - ful	Personnel	5001	199,742		5,992		205,734
			Stability pay	Personnel	5026	2,468				2,468
			Personnel savings			(12,549)				(12,549)
			Insurance-health/lif	Personnel	5185	45,560				45,560
			FICA tax	Personnel	5190	12,648		379		13,027
			Medicare tax	Personnel	5191	2,958		89		3,047
			Contribution to em	Personnel	5196	35,953				35,953
			Memberships	Contractuals	6632	980				980
			Educational/promo	Commodities	7454	580				580
			Food/ice	Commodities	7482	100				100
			Office supplies	Commodities	7500	200				200

Customer Care Projected FY2014 Budget

Note: Used FY14 Proposed in eCOMBS which has Ins calculated

10.00% 3.00%

Sum of SumOfSumOfAMOUNT							Insurance 10%	PFP 3%		FY2014 Projected
MEGA_BUSINESS_I	orglink	ORGN_NAME	ObjtCategory	OBJECT_CD	OBJECT_DESCRIPTION	Total	Insurance Multiplier ADJ	ADJ	Cellnet (AMR) Adj	Budget with ADJ
Customer Care	8824	Multifamily Partnership Prgm	Mileage reimburser	Contractuals	6551	294				294
			Printing/binding/pl	Contractuals	6452	980				980
			Bilingual Pay	Personnel	5125	1,800				1,800
			Telephone-base cos	Contractuals	6404	490				490
	8824 Total					292,204	0	6,460	0	298,664
	8826	North Branch Office	Regular wages - ful	Personnel	5001	201,468		6,044		207,512
			Stability pay	Personnel	5026	2,000				2,000
			Personnel savings			(12,657)				(12,657)
			Insurance-health/lil	Personnel	5185	45,560				45,560
			FICA tax	Personnel	5190	12,726		382		13,108
			Medicare tax	Personnel	5191	2,976		89		3,065
			Contribution to em	Personnel	5196	36,264				36,264
			Office supplies	Commodities	7500	400				400
			Small tools/minor e	Commodities	7600	1,000				1,000
			Overtime	Personnel	5005	6,624				6,624
			Printing/binding/pl	Contractuals	6452	1,000				1,000
			Software	Commodities	7580	2,500				2,500
			Bilingual Pay	Personnel	5125	1,800				1,800
			Rental-other equip	Contractuals	6126	1,160				1,160
			Minor computer ha	Commodities	7610	3,800				3,800
			Clothing/clothing n	Commodities	7478	750				750
			Electrical/lighting	Commodities	7127	1,000				1,000
			Consultant-others	Contractuals	5280	3,000				3,000
			Maintenance-office	Contractuals	6386	850				850
			Cash over/short	Commodities	7815	500				500
	8826 Total					312,721	0	6,515	0	319,236
	8827	Customer Service Management	Regular wages - ful	Personnel	5001	143,603		4,308		147,911
			Stability pay	Personnel	5026	1,500				1,500
			Personnel savings			(8,410)				(8,410)
			Insurance-health/lil	Personnel	5185	22,780				22,780
			FICA tax	Personnel	5190	8,996		270		9,266
			Medicare tax	Personnel	5191	2,104		63		2,167
			Contribution to em	Personnel	5196	25,848				25,848
	8827 Total					196,421	0	4,641	0	201,062
	8828	Billing and Revenue Reimburs	AE customer care/c	Expense Refunds	8504	(15,016,245)				(15,016,245)
	8828 Total					(15,016,245)				(15,016,245)
	8992	Customer Care Corporate	Miscellaneous expe	Contractuals	6854	16,856				16,856
			Telephone-cellular	Contractuals	6407	22,750				22,750
	8992 Total					39,606				39,606
Grand Total						27,117,609	0	478,270	(6,250,000)	21,345,879

NXP/Samsung 1-95. Were the rate case expenses associated with PUC Docket No. 40627, *Petition by Homeowners United for Rate Fairness to Review Austin Rate Ordinance No. 20120607055,* entirely born by customers outside the City limits? If not, how were these rate case expenses allocated by customer class?

ANSWER:

Yes.

Prepared by: MKD
Sponsored by: Mark Dreyfus

NXP/Samsung 1-96. Please provide a detailed explanation and support for the amounts allocated to AE for luxury items, 1st class tickets, hotels that cost above $200 a night, and meals over $50. Explain each charge and reason for the charge.

ANSWER:

Austin Energy does not maintain records that are responsive to this request. All travel purchases and reimbursements are subject to the City of Austin's Travel Policy and Procedure which details allowable travel expenses. The policy currently in effect is attached.

Attachment 1 – City of Austin Travel Policy and Procedure Fiscal Year 2001-2002.

Prepared by: BE
Sponsored by: Mark Dombroski

CITY OF AUSTIN
TRAVEL POLICY AND PROCEDURE
FISCAL YEAR 2001-2002

CITY OF AUSTIN
TRAVEL POLICY AND PROCEDURE
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Department of Financial and Administrative Services
Controller's Office

CITY OF AUSTIN
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I. INTRODUCTION

A. ***Purposes***. The purposes of this travel policy are as follows:

1. To establish clear, uniform policies and procedures for the reimbursement of travel costs incurred while on City business.

2. To clearly identify travel expenses eligible for payment by the City.

3. To account for and report properly for all travel-related expenses.

B. A***ssumption***. This policy is based on the assumption that a travel policy should provide a reasonable level of reimbursement to the traveler while meeting the City's responsibility to taxpayers and rate payers.

C. ***Official Policy***. This policy applies to official travel of all City of Austin employees and prospective employees, as well as to travel of all non-City personnel seeking reimbursement from the City, regardless of the funding sources for travel. Official travel is travel that is reasonable and necessary for the conduct of official City business.

II. RESPONSIBILITIES

A. ***Employee Responsibilities***.

1. Ensure that a Travel Expense Claim is filed in accordance with this policy.

2. Be conservative in expenditures while traveling on City business, as if such costs were being paid by the employee personally. Exercise prudence in the selection of lodging, meals, and training.

B. ***Department Responsibilities.*** Departmental responsibilities are broad and include the following areas:

1. Make travel arrangements and accommodations so that total travel expenses are as low as possible.

   There are often several ways to arrange travel and accommodations. Departments should ensure that these are made in such a way as to minimize total cost. Unusual arrangements, i.e. those that appear to violate this travel policy but in fact result in lower total travel expense, should be well documented by departments.

2. Implement and monitor approved departmental travel budget.

3. Establish adequate internal controls to provide reasonable assurance that instances of noncompliance with this travel policy are detected and resolved.

4. Report travel expenditures under the proper accounting codes and according to procedure.

5. Authorize travel advances where necessary.

6. Review Travel Expense Claims to ensure compliance with this travel policy. All travel claims should also include the employee's conference/training and airline itineraries (if applicable).

7. Authorize reimbursement for properly completed Travel Expense Claims.

8. Submit travel advances and travel claims to the Controller's Office timely.

9. Arrange air travel in accordance with section IV.E.2. of this travel policy (see pp. 9 and 10). Authorize or dispute air travel charges in accordance with section IV.E.2.

10. Assure that duplicate travel claims are not submitted; assure that expenses claimed for reimbursement have not been paid directly by the City.

11. Ensure that the department as a whole complies with this policy; separate departmental policies that do not comply with this policy are not valid.

12. Within 24 hours, provide Financial Services with any travel-related information not reflected in the department's accounting records, in accordance with section VII.A. of this policy.

13. *Electric Department* – review and approve authorized Electric Department travel claims.

C. ***Controller's Office Responsibilities.***

1. On a sample basis, review Travel Expense Claims for compliance with this policy.

2. Make payment for authorized travel advances and for reimbursement of authorized travel claims.

3. Provide periodic reports to the City Manager or Assistant City Managers of any travel-related problems identified. Furnish other information as requested.

4. Revise this travel policy annually or as needed.

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III. AUTHORITY TO TRAVEL

Authorization. All travel by employees, prospective employees, and board and commission members shall be authorized and approved by the department director or director's designee. Travel by department directors, Assistant City Managers, the City Manager, and Council Members need not be authorized beforehand but is subject to the provisions of this travel policy and to review for compliance with the policy.

IV. EXPENSES ELIGIBLE FOR REIMBURSEMENT

A. ***Information.*** To assist employees in identifying allowable travel costs, departments may want to provide employees with pages four through eight prior to their traveling.

   For information on allowable meal or lodging costs, contact the Controller's Office, Cost Accounting Section, 499-3495.

B. ***Summary.*** Pages four and five contain summaries of costs that are eligible for reimbursement. Detailed information about the eligible costs follows the summaries.

   Page six describes expenses that are non-reimbursable.

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Receipts are Required for the Expenses on this Page
For More Details See Page Number Shown in Right-hand Margin

Description	Amount (1) Reimbursed	Page
Lodging (including taxes) (2):		6-7
Cities listed in Runzheimer Index	RI average	
Cities ***not*** listed in Runzheimer Index	RI average (5)	
Meals (including tip):		7-8
Cities listed in Runzheimer Index	RI average	
Cities ***not*** listed in Runzheimer Index	RI average (5)	
Or use per diem (no receipts required) -	See list	5,7,8
Transportation:		8-10
Airline (3)	Coach	
Car rental, gas	Actual	
City Vehicle, gas, repairs	Actual	
Taxi/limousine	Actual	
Parking/Toll	Actual	
Training Seminars/Conferences:		10-11
Registration (6)	Actual	
Books, supplies	Actual	
Other:		10-11
Business calls	Actual	
Personal calls (1 arrival, 1 departure)	$5 each (max.)	
Traveler's Checks (4)	Actual	
Tips other than meals (7)	Actual, inc. per diem	
Cleaning and laundry (7)	Actual, inc. per diem	
Client Entertainment	RI average	

NOTE:

(1) Reimbursement is for actual costs, limited by the amounts or guidelines noted.
(2) Request lowest rate (governmental, corporate or other) for hotels.
(3) Attempt to book ahead to obtain lower fares if appropriate. See section IV.E.2. for procedures on booking air travel. Attach itinerary to travel claim, including airfare prepaid by the City.
(4) Reimbursement is for checks covering actual expenses only.
(5) Use closest and/or most comparable city listed in Runzheimer.
(6) Attach itinerary to travel claim confirming dates and name of conference hotel.
(7) Costs are included in per diem rate as incidental expense

Other: Review the policy for additional information.

RI = Runzheimer Meal and Lodging Index. Contact Controller's Office for Runzheimer amounts

CITY OF AUSTIN
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Receipts <u>not</u> Required for the Expenses on this Page
For More Details See Page Shown in Right-Hand Margin

Description	**Amount Reimbursed**	**Page**
Meals (1): Includes incidental expenses: tips, laundry See attached schedule to determine applicable rate. If destination is not listed on schedule, use the standard rate of $ 30	The standard meal allowance is $ 30 per day for most areas in the U.S. Other locations in the United States are designated as high cost areas, qualifying for higher standard meal allowances	7-8
Transportation: Personal vehicle: no car allowance	IRS rate, as listed in the budget manual or as amended by Controller's Office, or departmental approved rate (if lower than IRS rate)	10
car allowance	.15/mile	

NOTE:

(1) For each trip, choose reimbursement for meals based on either actual costs (with receipts) or per diem. Travelers may not choose per-diem reimbursement for some days/meals of a trip and receipt-based reimbursement for others. See pages 7 and 8 for more information.

CITY OF AUSTIN
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***Personal travel expenses which are not reimbursable include, but are not limited to, the following*:**

1. Loss of funds or personal property.
2. Entertainment expenses, including the cost of alcoholic beverages, or the cost of movie rental expense.
3. Transportation - taxi fare, parking, toll fees or mileage - to and from entertainment and restaurants.
4. Flight or trip insurance.
5. Laundry/dry-cleaning costs (if per diem rates are used).
6. Excess baggage charge for personal belongings.
7. Gasoline or repair costs for privately owned vehicles.
8. Cost of meals in excess of the allowed amount.
9. Cost of lodging in excess of the allowed amount.
10. Excessive mileage reimbursement (mileage incurred for personal reasons - see section IV.E.3.).
11. Unauthorized expenses for car rental.
12. Unauthorized registration fees.

Expenses will be reimbursed based on the following guidelines:

C. ***Lodging***.

1. ***Reimbursable Amounts***. Lodging receipts are required. Reimbursement is based on the actual costs (including hotel-motel occupancy tax).

   For cities that are included in the Runzheimer Index, reimbursement will be limited to the Runzheimer average, with one exception as noted below. For cities not included in the Runzheimer Index, use the closest and/or most comparable city listed. ***However***, if an employee attends a conference or seminar and the conference hotel rate exceeds the Runzheimer Index, the rate of the conference hotel will be reimbursed. Note that the City is ***not exempt*** from the hotel-motel occupancy tax. Include the tax in hotel payments.

2. ***Room Rate***. Reservations should be made at the lowest rate possible. In most cases, this will be the "governmental rate." However, in some instances a "corporate rate" or other rate will be lower.

   Be prepared to provide the hotel with some form of identification, such as a City identification card, to indicate official travel status for the City.

3. ***Other***. If a guest accompanies a claimant, obtain the single occupancy rate and note it on the lodging bill. In no case will the City pay more than the (lowest) single occupancy rate when only one employee on business occupies the room.

   Lodging provided by family/friends is non-reimbursable. Meals, groceries, or gifts for people providing lodging to City employees is non-reimbursable by the City.

   Other lodging costs (e.g. motor home parking) will be reimbursed on an actual basis provided they do not exceed comparable costs that would have been incurred under other, more usual lodging arrangements.

D. ***Meals***.

1. ***Introduction***. Travelers may elect to be reimbursed for meal costs under one of two methods: (1) a per-diem method (no receipts are required) or (2) based on actual costs up to the Runzheimer Index average amount (receipts must be provided). Meals provided at no cost to the traveler, e.g. those provided by friends, family, or seminars, are not eligible for per-diem reimbursement. See section IV.D.2 below for a discussion of the per diem reimbursement method and IV.D.3. below for a discussion of the actual-cost (receipt-based) method. Methods of reimbursement may not be mixed during any one trip or day. A traveler may not choose per-diem reimbursement for some days/meals of a trip and receipt-based reimbursement for others.

2. ***Per Diem Meal Costs and Incidental Expenses***. Under the per-diem method, travelers will be reimbursed an amount in accordance with IRS Publication 1542. The publication establishes a per diem amount for meals and incidental expenses based on the travel destination. The five per diem rates are as follows:

(1)	Rates per Meal		
Per diem rate	**Breakfast**	**Lunch**	**Dinner**
$30.00 (2)	$6.50	$8.50	$15.00
$34.00	$7.50	$9.50	$17.00
$38.00	$8.50	$10.50	$19.00
$42.00	$9.50	$11.50	$21.00
$46.00	$10.50	$12.50	$23.00

(1) See attached schedule to determine applicable rate. Use Standard Rate if trip destination not listed
(2) Standard Rate

Partial per diems will be paid if some meals are not eligible for reimbursement. Meals are ineligible for reimbursement under conditions described in section IV.D.3. In addition, meals provided at no cost to the traveler, e.g. those provided by friends, family, or seminars, are not eligible for per diem reimbursement.

If reimbursement is on a per-diem basis, any costs incurred by the traveler exceeding the per-diem reimbursement allowance will be considered personal expenses.

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3. ***Reimbursable Meal Costs - Actual-Cost Method***. Rather than being reimbursed on a per-diem method, travelers may elect to be reimbursed for meals based on the Runzheimer Index. Reimbursement for meals under this method is allowed for actual costs paid, including tips, and limited to the Runzheimer Index average amount. Costs exceeding the Runzheimer Index average are considered personal expenses.

   Call the Controller's Office for meal reimbursement amounts for cities not listed in Runzheimer.

4. ***Meals Eligible for Reimbursement***. The time of departure from or arrival in Austin determines the meals eligible for reimbursement, according to the following schedule (assuming the claimant is based in Austin):

Leave from Austin	***Allowed***
Before 7 a.m.	Breakfast
Before 11 a.m.	Lunch
Before 6 p.m.	Dinner

Arrive in Austin	***Allowed***
After 9 a.m.	Breakfast
After 1 p.m.	Lunch
After 7 p.m.	Dinner

5. Other meal costs (e.g. grocery costs) will be reimbursed on an actual basis provided they do not exceed comparable costs that would have been incurred under other, more usual meal arrangements.

E. ***Transportation***. Reimbursement of transportation costs will be based on the most economical and practical mode of transportation for the City, cost and other factors considered. The determination of the most economical method is not made on the basis of personal preference or minor inconvenience to the traveler resulting from common carrier scheduling. See Section VI for additional information.

1. ***Air Transportation***. Use coach-class accommodations. First-class accommodations may be allowed only under unusual circumstances or emergency situations, such as:

   a. the only regularly scheduled flights between points are first-class flights, or

   b. space is not available in coach-class accommodations on any scheduled flight in time to accomplish the purpose of the official travel, which is so urgent that it cannot be postponed.

   The claimant must submit with the travel report a written explanation of the circumstances which resulted in non-coach airfare. The explanation must be approved by the department director or designee.

   When arranging air travel, departments may want to avoid fare restrictions that limit flexibility. Some fares may not allow for refunds, transfers, changes, or cancellations. However, if there is little likelihood that travel arrangements will change, airfare should be booked as early as possible and all discounts should be pursued.

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Frequent-flyer miles or other bonuses provided to the traveler for travel on City business are City property. Departments are responsible for maintaining a current inventory of such bonuses and for insuring that they are used for City business.

Two-for-one tickets are to be used only when both parties are City employees and both parties are on official City business. Airline tickets purchased for non-City employees should not be charged to the City's charge account. These tickets are to be paid for directly by the employee or the non-City employee traveling companion

2. ***Procedures for Booking Air Travel***. Airfares may be purchased either through a travel agency or directly from an airline.

   If purchasing airfare through a travel agency, use the following procedures:

   a. Authorized departmental personnel call the travel agencies to arrange the flight(s) and provide the agency with the American Airlines travel card account number. Each department has (1) authorized person who will have this information. Any individual who calls to make a reservation must have the travel card account number.

   b. Individuals are not to charge airline tickets to their personal credit card. You must go through the authorized person in your department or use the American Airlines travel card account number to make your reservations.

   c. Each department will receive a monthly statement directly from American Airlines. Charges on this statement will belong only to that specific department.

   d. Departments have (2) weeks to verify all charges then prepare a payment document for the total amount of the statement. These statements must be paid in full. Contact Accounts Payable for a list of procedures on preparing these documents.

   e. Each department will be responsible for tracking their own frequent flier miles. Individuals are not permitted to accumulate frequent flier miles for personal use.

      Tickets purchased directly from airlines by an employee should be reimbursed to the employee (or paid for with a travel advance as outlined in Section IX) through the filing of a Travel Expense Claim. The employee must attach the original passenger coupon of the airfare ticket to the Travel Expense Claim.

3. ***Personal Vehicle***. A claimant may be reimbursed for the use of a privately owned vehicle while on official travel only. Reimbursement for transportation shall be made at the IRS rate, as listed in the budget manual for cost estimating purposes, or as amended by Controller's Office, or departmental approved rate (if lower than IRS rate).

   a. ***Car Allowance Limits***. Recipients of an executive car allowance are eligible for mileage reimbursement at the rate of 15 cents per mile driven on official business, if the trip has a destination outside the employee's service area (Travis and surrounding counties).

CITY OF AUSTIN
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b. ***Other Limits***. Claimants should limit claims for mileage reimbursement in situations in which claimants can reasonably travel together. When two to three claimants are aware that they have the same itinerary on the same dates and are traveling on the same City business for which mileage in a personal car is claimed, payment should be claimed and allowed for only one of the claimants.

c. ***Other Costs***. No other expenses or costs of operating a personally owned automobile are allowed, other than for cost of parking fees or toll charges.

4. ***Rental Vehicle***. Rental of a vehicle is authorized when it is more practicable and/or less expensive than the use of taxi cabs or other public transportation for official business. The cost of gas for the rental car is reimbursable. Receipts are required.

5. ***City Vehicle***. A City-furnished automobile should be used whenever it is reasonably available and a car is required for official travel.

   Get a credit card from the Fleet Management Division of the Financial Services Department for purchases of fuel and minor repairs. Fill the fuel tank at one of the City service centers prior to departure. Use self-service facilities for purchase of fuel outside of Austin. Return the credit card and fuel purchase receipts to Fleet Management.

F. ***Other Expenses Eligible for Reimbursement***. Other expenses for which a claimant may be reimbursed are listed below. When making purchases with a City of Austin credit card or purchase order, claimants should use the City tax identification number (1-74-6000085-8) while on travel status in Texas, so as to not pay sales tax on purchases. The number is printed on the travel pamphlet for easy reference. A vendor should contact the Controller's Office, 499-2599, if a tax-exempt certificate is required.

1. ***Receipts required***. Expenses included as part of a registration fee (e.g. meals, lodging, etc.) are not additionally reimbursable as separate items.

   a. ***Training Seminars and Conferences***. The receipt shall include the agenda or program identifying all activities that are included in the registration fee.

   b. ***Books and Supplies***. These expenses are reimbursable only if necessary and related to City business. The items are City property.

   c. ***Taxi/Limousine Service in Other Cities***. Related to approved travel for business purposes. Transportation to/from entertainment and restaurants is not reimbursable.

   d. ***Repair of City Vehicles***. Repair costs for City vehicles (parts, labor and towing charges) should be approved by the Fleet Management Division of Public Works in advance, where circumstances allow.

   e. ***Telephone/Telegraph***. Business calls charged to lodging bills or credit cards will be recognized as a reasonable expense.

Personal calls (**one arrival** and **one departure** call) may be reimbursed for the actual costs, up to a **maximum** of $5 **for each call (for any one call)**.

f. ***Parking***. Actual costs for parking is reimbursable with receipts.

g. ***Freight charges*** to ship City equipment or materials.

h. ***Travelers' Checks***. The cost of travelers' checks will be reimbursed with receipts, up to the amount of travel expense incurred and paid as cash outlay by the employee. Expenses incurred for travelers' checks above this limit will be considered a personal expense to the traveler.

i. ***Laundry/dry-cleaning costs*** incurred in the first week of travel (these are reimbursable after four days on continuous travel status but only for trips totaling eight days or more on continuous travel status). If using a per diem reimbursement, these costs are included in the rate.

j. ***Client entertainment.*** Related to official City business. Receipt should include name of client and their place of employment.

V. NON-REIMBURSABLE EXPENSES

See page 6.

VI. PERSONAL TRIPS MADE IN CONJUNCTION WITH BUSINESS TRIPS

A. ***Reimbursable Amounts***. If a claimant travels to another city on personal business during the course of a business trip, the base cost that would have been incurred had the individual gone directly to the business destination should be documented by the claimant. The base amount will be the amount of the reimbursable expense. In addition, in combining personal and business travel, the claimant must charge as vacation time the extra travel time associated with the vacation.

B. ***Transportation Specials***. Two-for-one tickets are to be used only when both parties are City employees and both parties are on official City business. Airline tickets purchased for non-City employees should not be charged to the City's charge account. These tickets are to be paid for directly by the employee or the non-City employee traveling companion.

VII. ACCOUNTING FOR TRAVEL EXPENSES

A. ***General***. Each department is ***solely*** responsible for ensuring that information on its current-year and prior-year travel expense is readily available for dissemination or analysis. Financial Services will respond to any requests for information on travel expense by using standard AFS2 system reports; each department should therefore either: (1) ensure that all entries to the travel account codes against its budget are appropriate, complete, and up to date (as discussed below in section VII.B.), or (2) be prepared to provide complete information on its current and prior-year travel expense to Financial Services within one day of such a request.

CITY OF AUSTIN
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B. ***Travel Account Codes***. There are four objects or account codes that should be used to record travel expense. These are discussed in detail below.

1. ***6501 - Travel City Business***.

   Use this object to record all travel expense incurred by City employees, Council Members, and board and commission members ***except*** for travel expense incurred in going to and returning from training and seminars or conferences whose purpose is mostly educational.

   The cost of meals, lodging, transportation, and other expenses incurred while on City business (except for training and seminars or conferences as described in the paragraph immediately above) should be recorded in this object.

   Reimbursement for mileage incurred while on travel status (outside of Travis and surrounding counties) and for the purpose of conducting City business (except for training) should be recorded in this object. Nothing else should be recorded in this object. Do not record seminar fees, conference fees, or training costs in this object (use object 6531, "Seminar/Training Fees" instead).

2. ***6520 - Employee Recruiting***.

   Use this object to record travel expense (meals, lodging, transportation) for prospective employees only. This object may also be used to record meal costs for City staff incurred during recruitment.

   Nothing else should be recorded in this object.

3. ***6532 - Educational Travel***.

   Use this object to record travel expenses (meals, lodging, transportation, etc.) incurred in traveling to and from training and seminars or conferences whose purpose is mainly educational and whose duration is less than two weeks and to record expenses incurred while attending such training, seminars, or conferences (except as noted immediately below).

   Do not record training, seminar, or conference fees themselves with this object; these should be recorded in object 6531, "Seminar/Training Fees".

   Do not record travel costs incurred in traveling to and from training that lasts for more than two weeks or in attending training sessions of longer than two weeks. These costs should be recorded in object 6533 (see discussion immediately below).

   Do not record anything else in this object.

4. ***6533 - Extended Educational Travel***.

   Use this object to record travel costs incurred in traveling to and from training that lasts longer than two weeks and costs incurred while attending such training. This object should normally be used only by Police Department and Fire Department employees.

Do not record the costs of the training sessions themselves in this object. Use object 6531, "Seminar/Training Fees" instead.

5, **Other Account Codes**
Do not use object 6500, "Travel Claims Outstanding" for any reason. Travel advances should be posted against balance sheet account 5350 in fund 7990.

Do not use object 6531, "Seminar/Training Fees" for recording travel-related expenses of any kind. This object should be used only to record the actual costs of seminar fees, not any travel expenses incurred in going to or returning from seminars.

Do not use object 6551, "Mileage Reimbursements - Local", for recording mileage expense incurred while traveling outside of an employee's normal service area. Object 6551 should be used only for reimbursement of mileage in Travis and surrounding counties.

C. ***Accounting Description***. As discussed in section A above, the Controller's Office will use standard AFS2 system reports for reporting and analysis of travel expenditures. Departments should therefore use the following conventions when filling out payments documents (PV-Qs), JVs, or any other accounting document that records, adjusts, or corrects travel expense. This applies to reimbursement on a Travel Expense Claim, to direct payments made to airlines, hotels, etc.

Fill out the description field of the accounting document (27 characters) as follows, with a space between each item:

Item	***Example***
Last name, first name initial	Smith,J
Destination (first if multiple)	Dallas
Purpose	Trng.

The first two items, name and destination, are mandatory. The third item, purpose, is optional. Use abbreviations if necessary. The invoice date on all payment documents should be the date of departure.

VIII. TRAVEL EXPENSE CLAIMS

A. ***Travel Expense Claim***. This claim is a two-page form; page one has summary information on the first side, with Schedules A, B, and C on the second side. Schedule D is a separate page; it should be used by travelers requesting reimbursement on an actual-cost basis (receipts required). Note that it does not have to be completed and attached if no reimbursement for meals is requested or if meal reimbursement is requested on a per-diem basis. The Travel Expense Claim has two uses:

1. To itemize and report in one location all the reimbursable expenses incurred by a traveler.

2. To pay the traveler any amounts owed or document the amount of refund due to the City. With a PV-Q sticker and an authorized signature, the form may be used as a PV-Q payment document.

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Departments are responsible for ensuring that all Travel Expense Claims submitted to the Controller's Office are properly filled out and authorized, and that all expenses incurred by the traveler are appropriately reported on the claim and are adequately supported by documentation. They are also responsible for ensuring that claims are filed timely.

Departments should ensure that expenses claimed by an employee, e.g. airfare, have not been paid directly by the City. Verification may be required.

The Travel Expense Claim form will not be stocked. Departments may request a copy of the form from the Controller's Office; they should make photocopies of the form for their use.

B. ***File Request Promptly***. Within 20 working days after the completion of the trip, the claimant will submit to the Controller's Office a properly completed Travel Expense Claim. Note that the Travel Expense Claim can be hand-written (if legible). Typewritten forms are not required.

The claimant must do the following when requesting reimbursement:

1. Itemize all reimbursable expenses incurred. Do not include any expenses for which reimbursement is not sought. Do not include any expenses that have been paid directly by the City; do not include any personal expenses.

2. Attach required original invoices or other receipts. Indicate type of payment made (cash, personal check, credit card, etc). Copies of credit card tickets or statements or personal checks (front and back) are also acceptable. Any amounts included in the invoices or receipts that are personal expenses should be so noted on the invoices or receipts; the claimant should initial any amounts so noted.

3. Fill out all applicable sections of the claim appropriately and timely. Submit timely to department for review.

C. ***Amount Due City***. Within 20 days of returning from the trip, submit payment by cash or check for any amount owed to the City (see Section IX for information on travel advances). Deposit it using the normal cash deposit procedures with the appropriate City cashier. Do not send cash or checks to the Controller's Office attached to the Travel Expense Claim. The account coding for the Cash Receipt document will be as follows:

Fund	7990
Balance Sheet Account	5350

Submit with the Travel Expense Claim a copy of the validated Cash Receipt document for any amount repaid by the claimant to the City. Excess advance amounts must be returned and documented (copy of the cash receipt) upon submission of the travel claim to the Controller's Office.

D. 1. ***Amount Due Claimant - Payment Document***. As discussed in section A above, the department can use the Travel Expense Claim form as a payment document by attaching a PV-Q sticker (questions

regarding this should be addressed to Accounts Payable: 499-2599), or by submitting, at the same time the Travel Expense Claim is submitted, a properly authorized PV-Q for the amount to be paid to the claimant. Departments should keep photocopies of all travel documents, particularly copies of Travel Expense Claims with PV-Q stickers, since there is no carbon for these documents.

2. ***Amount Due Claimant - Petty Cash Reimbursement***. Reimbursement by Petty Cash is also allowed, up to a maximum of $150 for each trip. Travelers seeking reimbursement from petty cash should follow the same procedures outlined above in sections A - C. The first page of the travel expense claim (that shows the amount due the claimant) should have "Petty Cash" written in the bottom left-hand corner indicating the reimbursement will be through petty cash rather than with a payment voucher. The travel expense claim, along with receipts and all other supporting documentation should be submitted with the petty cash when seeking reimbursement. The accounting line on the payment document that reimburses the petty cash drawer should follow the same description conventions discussed in section VII.C.

   Departments that reimburse travel expenses frequently through petty cash may want to consider reimbursing petty cash for travel expenses on a separate PV-Q. This will allow for better tracking of their travel expenses on the accounting system.

E. ***Review Claim***. The Controller's Office will process the properly completed Travel Expense Claim and payment document within five days. The Controller's Office will review the claim for reasonableness of the account coding. Compliance reviews of claims will be done on a sample basis, with results communicated periodically to the City Manager or Assistant City Managers.

CITY OF AUSTIN
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IX. TRAVEL ADVANCES

A. ***Optional Advance***. A travel advance is an option available to an employee on travel status who will have out-of-pocket cash expenses.

If an advance is taken, a completed travel claim must be filed within 60 days from the return of the business trip. If this condition is not met, the advance amount will be treated as income to the employee and no adjustment can be made when it is returned.

Advances for less than $150 should be handled through petty cash, preferably on a unique payment document. The original or a copy of the Request for Travel Authorization and Advance form (see section B below) should be submitted as documentation when petty cash is reimbursed. The maximum amount that may be advanced is the total of cash expenses paid by the employee while on travel status.

Note that a travel advance is a payment made directly to the employee for anticipated expenses that he will pay directly from his pocket. It is not a payment made by the City, for example to a travel agency, hotel, or seminar on behalf of the employee.

Employees who have travel advances outstanding (who have not filed a Travel Expense Claim) are not eligible for additional advances. See Section VII for procedures on filing a Travel Expense Claim.

B. ***Request for Travel Advance***. Employees requesting an advance should submit a completed, signed Request for Travel Authorization and Travel Advance to the appropriate person(s) in their department for preparation and approval of a PV-Q payment document.

Departments may also use their own travel advance forms provided they contain the following information:

> traveling employee's name and signature or initials, destination, dates and purpose of travel, and itemization of estimated costs to be covered by the advance.

Departments wishing to use their own Request for Travel Authorization and Travel Advance forms should submit their own forms to the Controller's Office for approval (must be approved by the Controller or a Deputy Controller). The Travel Advance form is available on diskette from the Controller's Office.

The Controller's Office form and any other authorized departmental variations will constitute an Agreement between the City and the employee. The employee's signature on the Agreement authorizes the Controller's Office to withhold subsequent advances until the employee satisfies the requirements of the agreement, i.e. timely submission of the properly authorized Travel Reimbursement Request or the repayment of the advance. The signature on the payment document (or on the form itself if the form is to be used as a payment document - see below) evidences departmental approval for the advance.

Like the Travel Expense Claim form, an authorized "Request for Travel Authorization and Advance" may also be used as a payment document with a PV-Q sticker attached. Otherwise, a copy (e.g. a photocopy) of the Request or facsimile should be attached to a PV-Q submitted by the department. Any PV-Qs that do not have a properly completed (and authorized as discussed above) "Request for Travel Authorization and Travel Advance" attached as backup will be returned to the submitting department.

C. ***Payment Document***. Department affixes a PV-Q sticker to the Request form (or alternatively prepares a PV-Q with the Request attached) and submits the properly authorized document to the Controller's Office for the travel advance. Submit the document to the Controller's Office no more than ten and no fewer than five working days prior to the trip.

Manual checks will not be issued, unless the trip is of an emergency nature, i.e. the event requiring the travel was not scheduled. If the trip is of an emergency nature and an advance is necessary, the completed documents must be submitted to the Controller's Office. The request for an emergency check must be directed to the Accounts Payable Manager or to a Deputy Controller. ***DELAY IN SUBMITTING THE ADVANCE REQUEST IS NOT CONSIDERED AN EMERGENCY.***

D. ***Return Advance***. The claimant must return an advance timely:

1. ***Excess Advance***. Any unspent advance amount must be returned to the department within ten working days. See section IX.A. for additional information.

2. ***Canceled Trip***. If the trip is canceled, the advance check must be returned immediately by the employee to the department. The department should void the check by clearly marking "VOID" on the check in ink and should return it to the Controller's Office within five working days. The check should not be held for later use. It should not be deposited in the bank with a Cash Receipt document.

E. ***Past Due Advances***. If a Travel Expense Claim for an advance is not received in the Controller's Office within 20 working days, the Controller's Office may notify the employee that no further advances will be made until a Travel Expense Claim is submitted. In addition, if an advance meets the criteria as stipulated in Section IX.A. of the Travel Policy, it may be included in the employee's taxable wages. The Controller's Office may refer further delinquent advances to the City's Claims Office.

X. DEFINITIONS

Terms used in this policy are defined as follows:

Authorized Signature. Signature of an employee of a department designated to approve Travel Expense Claims submitted by that department. Should be on file with the Department of Financial Services as an authorized signature for accounts payable documents.

Claimant. Employee, prospective employee, or other authorized person submitting a claim for reimbursement of expenses actually incurred, and/or for payments to third parties on his/her behalf while on travel status.

Employee. Person employed by the City, whether part-time or full-time, temporary or permanent.

Third Party Payments. Payments made directly by the City to outside vendors. Includes professional organizations, travel agencies, hotels, etc.

CITY OF AUSTIN
TRAVEL POLICY AND PROCEDURE
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CITY OF AUSTIN LGFS PAYMENT VOUCHER
TRAVEL EXPENSE CLAIM

PLACE PREPRINTED P1 LABEL HERE
If no payment is due to the claimant,
do not attach P1-N label.

P1 DATE
SCHD.PYMT. DATE
PULL CHECK FOR PICKUP
P1

VEND.CODE
EMPLOYEE NAME
ADDRESS1
ADDRESS2
CITY/ST
ZIP

EMPLOYEE INFORMATION
DEPT
DIVISION
DOCUMENT TOTAL $

ACCOUNT CODES AND AMOUNT FOR REIMBURSEMENT - SEE "AMOUNT DUE CLAIMANT" BELOW

LN	CD	REF NUMBER/LN		CM#	VI NUMBER/LN		INV DATE	DESCRIPTION		
	FUND	AGCY	ORGN/SUB	ACTV	FUNC	OBJ/SUB	REV/SUB	JOB NO.	RCAT	BS ACCT
	DISC TY	LINE AMOUNT		I/.D	P/F					
01										
02										

ACCOUNT CODES, AMOUNTS TO CHARGE TOTAL TRAVEL COSTS TO BUDGET LINES. SEE "TOTAL AMOUNT CLAIMED" BELOW.

	FUND	AGCY	ORGN/SUB	ACTV	FUNC	OBJ/REV	S/O	BS ACCT	WORKORDER	RCAT	AMOUNT
03											
04											

COSTS PAID BY CLAIMANT (NOT PAID BY CITY)

Description	Notes	Amount
Lodging	Schedule A	
Meals	Schedule B or D; not both	
Registration	Attach receipt	
Airfare, railfare	Attach receipt	
Rental car	Attach receipt	
Rental car gas, oil	Attach receipt	
City car gas, repairs	Attach receipt	
Personal car mileage	Schedule C	
Taxi, shuttle, metro	Attach receipt	
Parking	Attach receipt	
Phone	Receipt required	
Tips other than meals	Attach receipt	
Other - list separately	Receipt required	
TOTAL AMOUNT CLAIMED	Must match total of lines 03,04 above	
LESS ADVANCE BY CITY	List P1-N or MW ref. no.:	
AMOUNT DUE CITY	Attach copy of Cash Receipt doc.	
AMOUNT DUE CLAIMANT	Must match total of P1-N lines 01, 02 above	

TRIP DESTINATION:

PURPOSE OF TRAVEL, OTHER CITY EMPLOYEES WHO TRAVELED IN SAME VEHICLE.

THE STATE OF TEXAS, COUNTY OF TRAVIS.
I do solemnly swear that the expense account rendered totaling $_____ is true, correct, justly due and unpaid and that all just and lawful offsets, payments and credits have been made, and that the expenditures are reasonable and necessary and have been paid by me.
CLAIMANT SIGNATURE:

DEPARTMENTAL VERIFICATION - SIGNATURE & DATE

DEPARTMENTAL APPROVAL - SIGNATURE & DATE

FSD REVIEW - SIGNATURE & DATE

CITY OF AUSTIN
TRAVEL POLICY AND PROCEDURE
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CITY OF AUSTIN
TRAVEL EXPENSE CLAIM

NAME	
DATE & TIME OF TRAVEL	DEPART: / / a.m. / p.m.
	RETURN: / / a.m. / p.m.

SCHEDULE A - LODGING

If you stayed in lodging in cities with different Runzheimer rates, attach a separate page to calculate the allowable reimbursement.
Amount allowable for lodging costs is the lower of the Runzheimer average amount or actual costs.
Exception: if the seminar/ meeting is at the hotel.

A. Hotel name:

B. City:
If this city is not listed in the Runzheimer Index, also list the city used to determine the allowable amount.

C. 1. Runzheimer Avg. cost: $
2. No. of days X
3. Total allowed (1 x 2): $

D. Amount paid by claimant for room and room tax. ATTACH RECEIPT $

E. TOTAL ALLOWED FOR
1. Lower of lines C or D, except
2. If seminar was at this hotel, line D is allowed. $

SCHEDULE B - MEAL COSTS (PER

Use SCHEDULE D for reimbursement for actual meal costs (receipts required). Do NOT use both Sched. B and Sched. D for the same trip.

Instructions: List the dates of travel and number (1) each meal which is eligible for the per diem.

DATE	BREAKF.	LUNCH	DINNER
Example: 7 / 1 /9x	1		1
1. Total no. of meals			
2. Per meal amount	$	$	$
3. Amount allowed (1 x 2)			
4. TOTAL ALLOWED FOR ALL MEALS		$	

SCHEDULE C - PERSONAL CAR

Do you receive a car allowance?
____ No. Use full mileage rate.
Yes. Use reduced mileage rate.

Use mileage rate:

ODOMETER 1. End of trip	
2. Less reading at start	( )
3. Total miles (1) - (2)	
4. Less personal travel	( )
5. Allowable miles (3) - (4)	
TOTAL ALLOWED FOR MILEAGE: (5) x mileage rate above	$

CITY OF AUSTIN
TRAVEL POLICY AND PROCEDURE
FISCAL YEAR 2001-2002

CITY OF AUSTIN **TRAVEL EXPENSE CLAIM** **SCHEDULE D - MEAL COSTS** **REIMBURSEMENT BASED ON ACTUAL COSTS**	EMPLOYEE NAME	
	DEPT	
Use Schedule D for reimbursement for actual meal costs. Receipts are required. Do NOT use both Schedule D and B for the same trip. Complete the information requested below. The amount "Allowable Each Day" is the lower of these amounts for each meal: (1) the Runzheimer Average or (2) the actual costs. Enter the "Total Allowable Meal Costs" on the Travel Expense Claim.	DATE OF TRAVEL	
	Employee Signature	
	DEPT Review	

DATE	CITY	(1) RUNZHEIMER AVERAGE BREAKF.	LUNCH	DINNER	(2) ACTUAL COSTS BREAKF.	LUNCH	DINNER	ALLOWABLE EACH DAY
01/10/92	EX: Austin, Tx	7.75	7.75	* 18.80	* 5.65	* 0.00	19.00	(all *) 24.45
								0.00
								0.00
								0.00
								0.00
								0.00
								0.00
								0.00
								0.00
								0.00
								0.00
								0.00
								0.00
TOTAL ALLOWABLE MEAL COSTS (ATTACH RECEIPTS)							$	0.00

CITY OF AUSTIN
TRAVEL POLICY AND PROCEDURE
FISCAL YEAR 2001-2002

CITY OF AUSTIN LGFS PAYMENT VOUCHER REQUEST FOR TRAVEL AUTHORIZATION AND TRAVEL ADVANCE

PLACE PREPRINTED P1 LABEL HERE

P1 DATE	*	*	
SCHEDULED PYMT DATE	*	PULL CHECK FOR PICKUP	
P1	*	*	

VENDOR CODE	*	*
EMPLOYEE NAME	*	
ADDRESS1	*	
ADDRESS2	*	
CITY/ST	*	
ZIP	*	

EMPLOYEE INFORMATION

DEPT	*
DIVISION	*
DOCUMENT TOTAL $	

ACCOUNT CODES AND AMOUNT FOR TRAVEL ADVANCE

LN	INVOICE NO.	FUND
01	*	799

BS ACCT	INV. DATE	DESCRIPTION (LAST NAME, INITIAL, DESTINATION)	AMOUNT
5350	* / /	*	0

DESTINATION *	DATE(S) *

PURPOSE OF TRAVEL
*
*

TRAVEL ADVANCE: List the amounts requested for expenses to be paid by the traveler (not paid directly by the City).

Transportation	$	*
Hotel	$	*
Meals	$	*
Registration	$	*
Other (explain or list separately)	$	*
Other	$	*
TOTAL Advance Requested:	$	0

EMPLOYEE SIGNATURE, DATE

DEPARTMENTAL VERIFICATION - SIGNATURE, DATE

DEPARTMENTAL APPROVAL - SIGNATURE, DATE

Date Advance Required: *

FOR INFORMATION ONLY - ACCOUNT CODES AND AMOUNT TO CHARGE TOTAL TRAVEL COSTS TO BUDGET LINES

	FUND	AGCY	ORGN	ACTV	OBJT	RPTG	WORKORDER	AMOUNT
01	*	*	*	*	*	*	*	*
02	*	*	*	*	*	*	*	*

NXP/Samsung 1-97. Please provide all Austin City Council and City Manager instructions on the Cost of Service Study, the process for the rate case, discussions regarding the development of rates and procedures for this proceeding.

ANSWER:

The Austin City Council provides instructions to the City Manager through Ordinances and Resolutions passed by a majority of the Council. The Council—acting as the Council or as the Austin Energy Utility Oversight Committee—may also discuss direction as part of briefings or discussions with City staff. The City staff acts under direction of the City Manager to carry out instructions from the Council.

Approved Ordinances and Resolutions from the Council include the following:

City of Austin Ordinance No. 20120607-055, An Ordinance Prescribing and Levying Rates and Charges for Sales Made and Services Rendered in Connection with the Electric Light and Power System of the City of Austin for Residential, Commercial, Public, and Other Uses of Electric Light and Power Sold and Served by the City of Austin. – June 7, 2012 City Council Meeting – Item 55

Resolution No. 20141120-099 directing hiring of a Consumer Advocate to represent residential, small commercial and worship customers – November 20, 2014 City Council Meeting – Item 99

Council action changing the classification of small commercial customers based on the single peak to the average of the customers' 4 summer peaks. – September 9, 2015 Budget Reading

Approval of contract extension for NewGen – October 1, 2015 City Council Meeting – Item 32

Approval of Impartial Hearings Examiner Contract – October 15, 2015 City Council Meeting – Item 19

Approval of contract for legal services with Lloyd Gosselink – January 28, 2016 City Council Meeting – Item 28

Briefings and discussions with the Council include the following:

June 25, 2015 Austin Energy Utility Oversight Committee meeting – Briefing regarding cost of service study, including engaging a consumer advocate

December 3, 2015 Austin Energy Utility Oversight Committee – Discuss issues related to the selection and hiring of an independent consumer advocate for Austin Energy's current rate review process.

January 25, 2016 Austin Energy Utility Oversight Committee meeting – Update regarding procurement of a consumer advocate

December 15, 2015 Council Work Session - Briefing on Austin Energy Cost of Service Study and Rate Review

January 25, 2016 Austin Energy Utility Oversight Committee meeting - Briefing regarding cost of service/rate review procedures and rate design recommendations

Direction from the City Manager is memorialized in the following:

Copies of ordinances, resolutions and videos of meetings may be obtained on the City of Austin's website: www.austintexas.gov

Attachment 1 – Austin Energy Cost of Service and Rate Review Briefing to Austin City Council, January 25, 2016
Attachment 2 – Memorandum to Marc A. Ott from Larry Weis, Independent Rate Review Process, May 11, 2015

Prepared by: HM
Sponsored by: Mark Dreyfus

www.austinenergy.com

Austin Energy Cost of Service and Rate Review

January 25, 2016

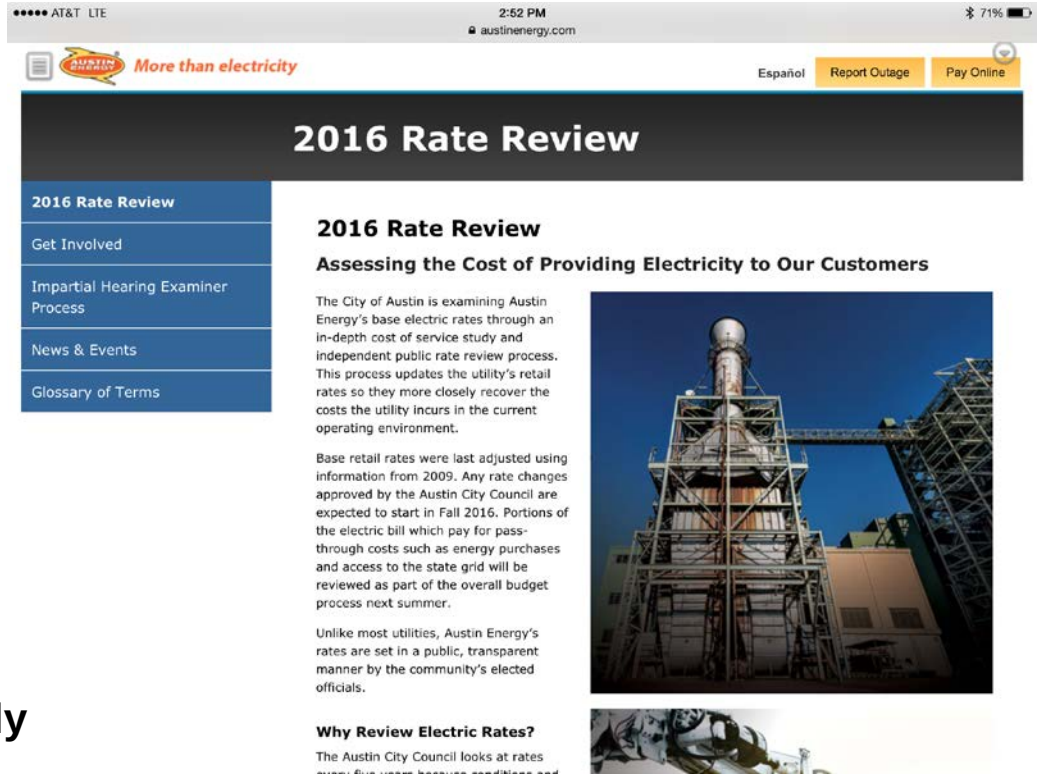
CLEAN, AFFORDABLE, RELIABLE ENERGY AND EXCELLENT CUSTOMER SERVICE

Current Schedule Highlights

- December 14, 2015—Electric Utility Commission briefing on Revenue Requirement and Cost of Service
- December 15, 2015—City Council Work Session briefing
- January 14, 2016—Pre-hearing conference
- January 25, 2016—Utility Oversight Committee briefing on rate design recommendations
- January 25, 2016—Release of AE's Rates Report to Council
- January 25, 2016—EUC briefing on rate design recommendations
- End January, 2016—Begin proceedings before Impartial Hearings Examiner
- May 6, 2016—Impartial Hearings Examiner recommendations report released
- May & June 2016—**Recommendation:** hold three Council Work Sessions
- June 2016—**Recommendation:** hold two Council public hearings
- June 23, 2016—final Council decision meeting

How Customers May Participate

- **Informal:**
  - **Web Page: from austinenergy.com select "rates"**
  - **Sign up for e-mail alerts**
  - **Review documents, posted on the web page of the Office of the City Clerk**
  - **View hearings to be archived on the City's website**



- **Formal:**
  - **Participate fully**
  - **Accessibility**
  - **Forms available for download**
  - **Directions available on the web**

Steps in Cost of Service and Rate Setting

- Revenue Requirement
- Cost Allocation
- Rate Design

Guiding Policies and Principles

- Affordability Goals:
  - 2 percent per year
  - Competitiveness
- Austin Energy Strategic Plan
- City of Austin Climate Protection Plan (2007) and Austin Energy Resource Generation Plan to 2025
- Financial Policies of the City of Austin and 2012 Rate Ordinance

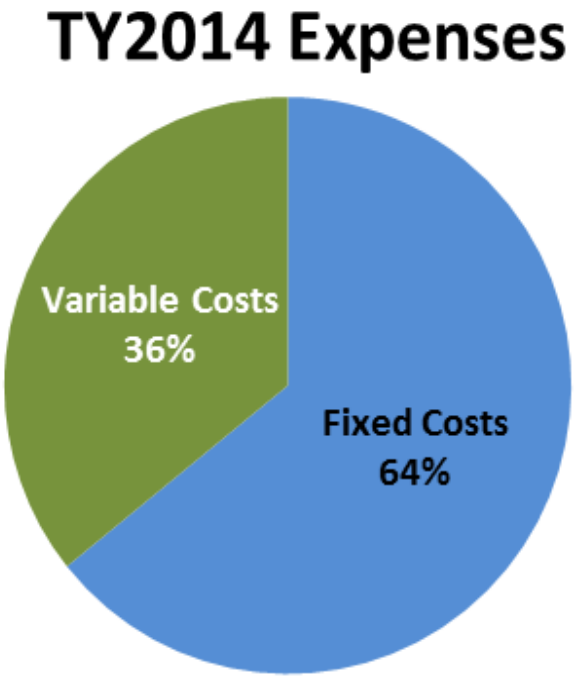
Austin Energy's Objectives

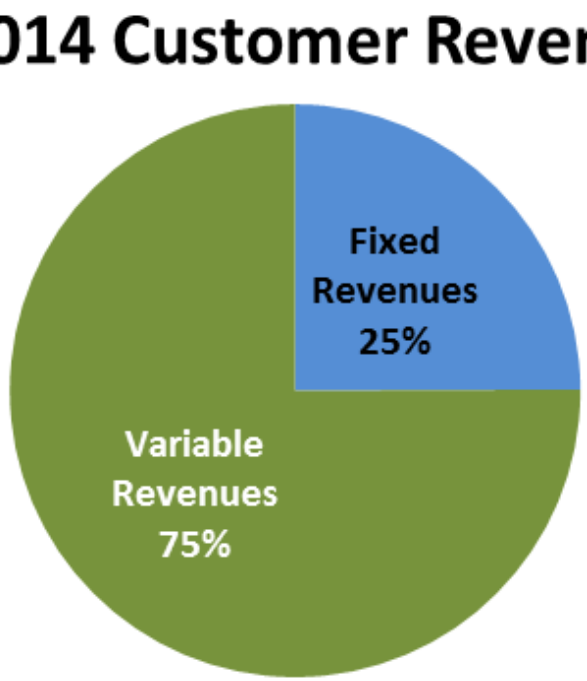
- Transparent process
- Fairness for all customers
- Focus on affordability
- Adhere to applicable State and local laws and City policies
- Sustain long-term financial health of the utility

Conclusions from Cost of Service Analysis: Financial Health

- **Reduce base rates by $17.4 million**.
  - Additional reductions expected in the Regulatory Charge and Power Supply Adjustment.
  - Regulatory Charge and Power Supply Adjustment to be set in FY 2017 budget process.
- Significant progress since 2012 in restoring the financial health of Austin Energy.
- Continue to face long-run revenue stability challenges.

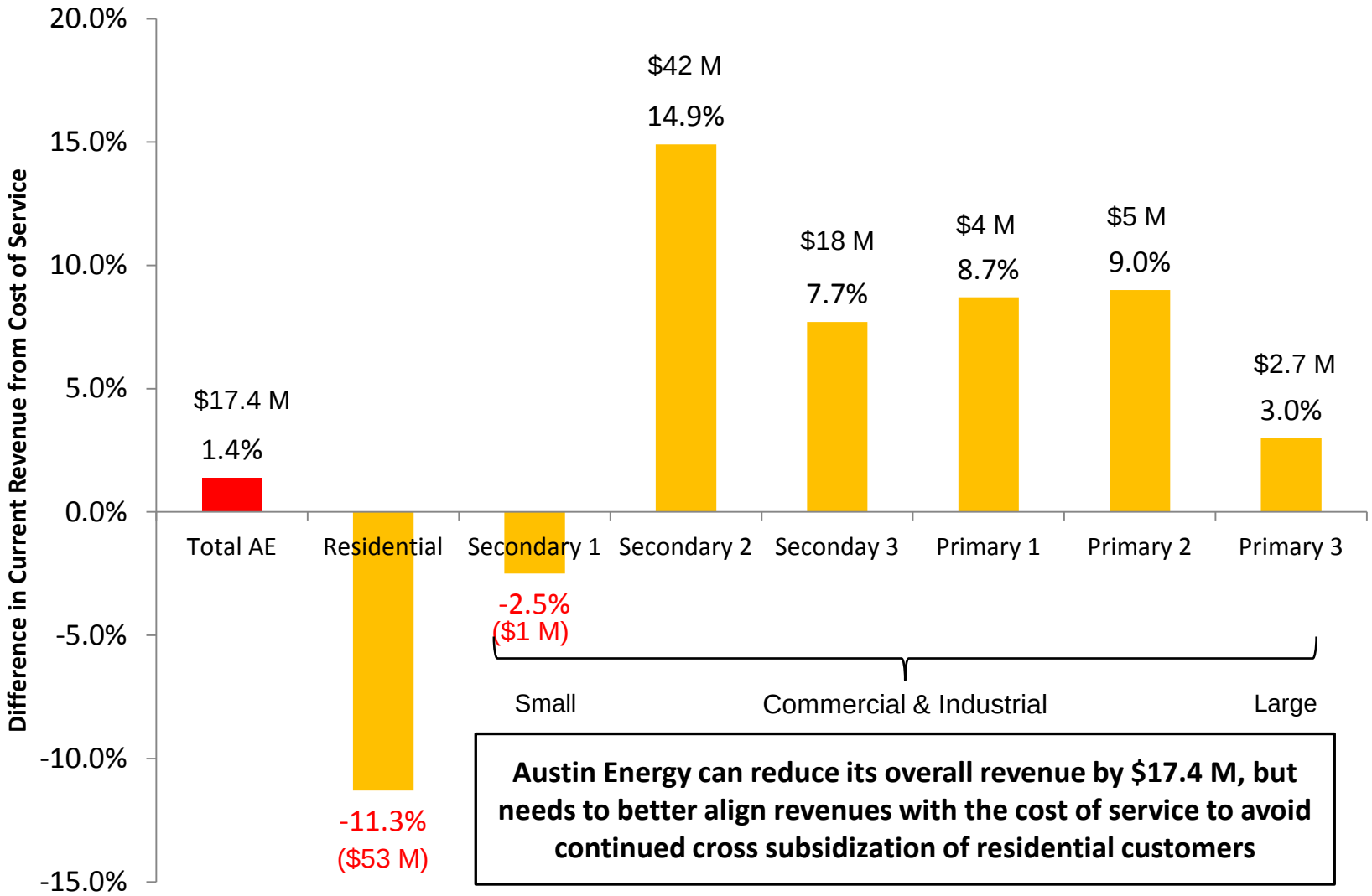
Conclusions from Cost of Service Analysis: Financial Health





Low fixed cost recovery contributes to revenue instability.
Declining consumption aggravates long-term stability.

Conclusions from Cost of Service Analysis: Revenue Alignment



Austin Energy can reduce its overall revenue by $17.4 M, but needs to better align revenues with the cost of service to avoid continued cross subsidization of residential customers

Rate Design:
Policy Recommendations

Rate Structure Analysis Conclusions

- Rate structure adopted in 2012 remains sound.
- Some needed adjustments identified from:
  - Experience since 2012
  - Community feedback
  - Interim studies
  - Improved Cost of Service data

Key Rate Transformation Steps in 2012

- Consolidated rate classes
- Unbundled charges from base rates
  - Community Benefits Charge
  - Regulatory Charge
- Reformed the Power Supply Adjustment
- Raised the Customer Charge
- Embedded incentives for energy efficiency in base rates
- Tiered the residential rate structure
- Adopted the Value of Solar
- Created discounts for key commercial accounts
- Introduced a low-income (CAP) funding mechanism

Community Benefit Charges

- **Maintain:** current Customer Assistance Program (CAP), energy efficiency services and service area street lighting rate policies.
  - Adopt greater uniformity in calculation of Community Benefit Charge.

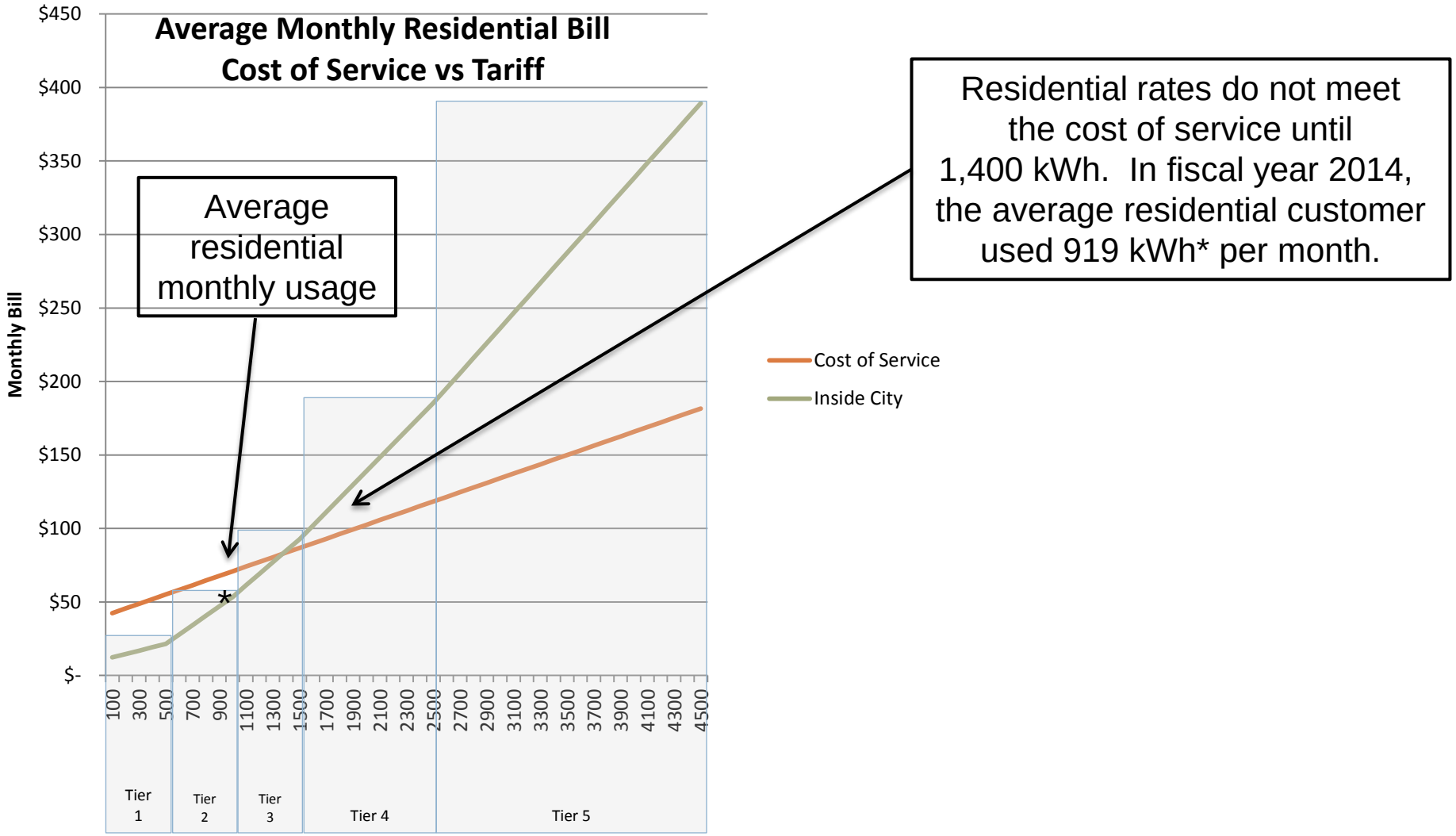
Rate Recommendations: Seasonality (summer/winter differential)

- **Recommendation:** eliminate seasonality factor in base rates
  - Seasonal fluctuation potentially burdensome
  - Limited cost justification supporting seasonal factors
  - Adopt seasonality in Power Supply Adjustment

Residential Rate Tier Adjustments

- Current 5-tier rate design recovers insufficient revenues for most customers.
  - Declining residential usage suggests continued instability in residential cost recovery.
- **Recommendation:** Flatten 5 residential tiers:
  - Better alignment with Cost of Service
  - Improve stability of cost recovery
- Rates will retain a tiered structure providing price signals to encourage conservation and energy efficiency investments.

Nearly 80 Percent of Residential Electricity is Sold Below the Cost of Service



Note: Annual consumption of 903 kWh as reported by EIA is based on 2014 calendar year while the 919 kWh is based on City of Austin's fiscal year 2014.

Proposed Residential Tiers

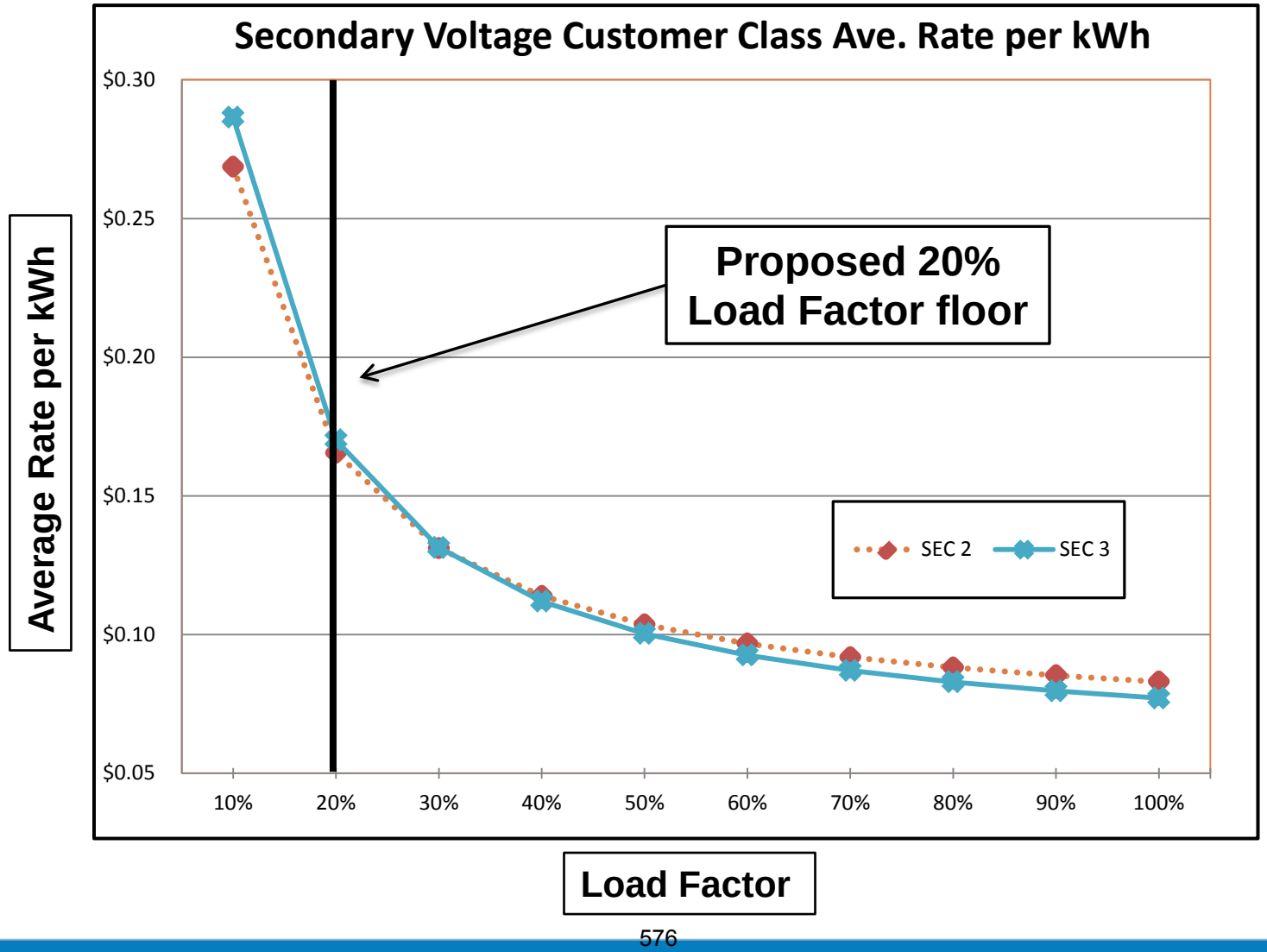
Residential Base Rates for Inside the City Limits Customers

	Existing Rate	Proposed Rate
Basic Charges ($/month)		
Customer Charge	10.00	10.00
Delivery Charge	0.00	0.00
Summer Tier Rates ($/kWh)		
First Tier (0 – 500 kWh)	0.03300	0.03300
Second Tier (501 – 1,000 kWh)	0.08000	0.05600
Third Tier (1,001 – 1,500 kWh)	0.09100	0.07595
Fourth Tier (1,501 – 2,500 kWh)	0.11000	0.09100
Fifth Tier (2,501 kWh and over)	0.11400	0.10595
Non-Summer Tier Rates ($/kWh)		
First Tier (0 – 500)	0.01800	0.03300
Second Tier (501 – 1,000)	0.05600	0.05600
Third Tier (1,001 – 1,500)	0.07200	0.07595
Fourth Tier (1,501 – 2,500)	0.08400	0.09100
Fifth Tier (2,501 and over)	0.09600	0.10595

Small Commercial Classes

- **Maintain:** Policy adopted by Council (in FY 2016 budget) assigning customer classes based on 4 month summer peak.
  - Approximately 1,700 customers of 14,000 customers switched from S2 to S1 in January 2016 implementation.
- **Maintain:** 10 kW break point between S1 and S2 classes.
- **Recommendation:** Extend the boundary of S2 and S3 to 300 kW.
- **Recommendation:** Establish a Load Factor floor for secondary customers of 20 percent Load Factor.
  - 3,300 customers in S2
  - 30 customers in S3
  - Shift of $7 million from low Load Factor secondary customers to higher Load Factor customers.

Secondary Customer Load Factor Floor



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Outside City Customers

- **Recommendation:** Maintain $5.75 million discount for outside city customers adopted in 2013 settlement.

Pass-through Charges Uniformity

- Pass-through charges: Regulatory Charge, Community Benefit Charge, and Power Supply Adjustment Charge.
- Current Power Supply Adjustment policy sets charge as a "uniform rate."
  - Similar policy/rate calculation for all customer classes.
  - Adjusted by voltage level for line losses.
- Regulatory Charge and some components of the Community Benefit Charge can be volatile from year to year.
- **Recommendation:** recover Regulatory Charge and Community Benefit Charge in a more uniform manner, similar to Power Supply Adjustment.

Commercial Discounts

- **Maintain:** Existing discount for Independent School Districts.
- **Recommendation:** Provide State account discount at conclusion of current contract.
- **Recommendation:** Add discount for military bases.
- **Recommendation:** Conclude transition providing rate discount for house of worship accounts, discontinuing the house of worship rate.
- **Recommendation:** For all commercial customers receiving a discount, set discounts in a uniform manner, at 20 percent off of base rates.

Rate Design:

Recommendations for Allocating $17.4 Million Reduction

Allocation of $17.4 M Reduction: Residential Customers

- Hold total base revenue collections from Residential constant.
- Implement revenue neutral adjustments within the Residential class to help stabilize revenue collections.
- Forecasted reductions in Power Supply Adjustment and Regulatory Charge anticipated to benefit Residential class.

Allocation of $17.4 M Reduction: Commercial Customers

- Secondary and Primary Non-residential Classes: No class receive an increase.
  - Account for changes in the Regulatory Charge and PSA anticipated to be adopted in summer budget.
- Small Secondary (S1): Hold constant
  - Currently within 2.5 percent of Cost of Service.
  - Customers shifting from S2 to S1 receiving reductions.
- Medium Secondary (S2 and S3): Direct the majority of reductions to Secondary.
- Primary: Bring as close as feasible to Cost of Service.
- T2: Bring to Cost of Service in accordance with T2 tariff.
  - Three year transition prior to pass through of any increases.
- Assure a rational progression of rates across customer classes as customer load increases.

Proposed Non-residential Rates

Non-Residential Base Rates for Inside the City Limits Customers							
	S1	S2	S3	P1	P2	P3	T1
Customer Charge ($/month)	18.00	27.50	71.50	275.00	2,200.00	2,750.00	2,750.00
Delivery Charge ($/kW)	0.00	4.00	4.50	3.50	4.00	4.50	0.00
Demand Charge ($/kW)	0.00	5.75	7.25	8.50	9.50	10.25	12.00
Energy Charge ($/kWh)	0.05190	0.02421	0.01955	0.00500	0.00360	0.00300	0.00500

Proposed base rates only. Additional adjustments to the structure of the Regulatory Charge and the Community Benefit Charge are proposed to eliminate volatility in those charges.

Issues for Study Prior to Next Cost of Service Assessment

Residential Studies

- Tiered structure of residential rates
- Lifeline study of minimum residential energy uses
- Cost of service of multi-family and single-family residences
- Cost of service of three-phase residential customers

Commercial Studies

- Cost of service of downtown network service
- Rate structure for S1 class
- Demand charges for customers peaking outside AE system peak
- Potential for kilovolt ampere reactive (kvar) billing (alternative to the current power factor correction)

Rate Design:
Customer Impacts

Residential Customer Impacts

	Change in Average Monthly Bill		Average Monthly kWh	Percent of Similar Customers *
Electric Heat	Tier 1 Customer	$1.43	416	7.43%
	Tier 2 Customer	-$0.90	751	9.72%
	Tier 3 Customer	-$0.56	1,175	5.57%
	Tier 4 Customer	-$3.41	1,877	1.23%
	Tier 5 Customer	-$11.85	3,732	0.09%
Gas Heat	Tier 2 Customer	$0.22	562	9.12%
	Tier 3 Customer	-$5.26	1,087	6.58%
	Tier 5 Customer	-$13.16	2,184	0.73%

* Percent of all customers with twelve months of billing data within same block (i.e. 400 - 499). Example customers represent 50.3% of all customers with twelve months of billing data.

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge.

S1 Impact—Monthly Bill Comparison

Type of Use	ISD	Restaurant	Utility	Office	Medical	HOW	Service	Retail	HOW
Average Bill									
Existing	$185	$156	$105	$105	$103	$76	$56	$51	$39
Proposed	$182	$147	$102	$101	$100	$77	$54	$49	$47
Variance Proposed to Existing	-$3	-$9	-$3	-$4	-$3	$1	-$1	-$2	$9
Percent Change	-2%	-6%	-3%	-4%	-3%	1%	-2%	-4%	23%
Average									
Monthly kWh	1,649	1,297	858	837	820	598	364	309	296
Monthly KW	12.6	6.6	4.8	5.2	5.2	6.3	3.4	4.9	7.7
Peak KW	16.4	7.9	5.5	7.1	6.4	8.9	4.4	6.6	9.7

In/Out COA	Inside	Inside	Outside	Inside	Inside	Inside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Calculated from the monthly usage patterns of actual customers.

S2 Impact—Monthly Bill Comparison

Type of Use	Retail	Restaurant	ISD	Utility	Office	Medical	Service	HOW	HOW
Average Bill									
Existing	$983	$729	$838	$534	$434	$405	$314	$192	$136
Proposed	$932	$691	$773	$498	$411	$357	$296	$246	$182
Variance Proposed to Existing	-$52	-$38	-$66	-$36	-$23	-$48	-$18	$53	$47
Percent Change	-5%	-5%	-8%	-7%	-5%	-12%	-6%	28%	34%
Average									
Monthly kWh	7,894	6,503	5,940	4,277	2,971	2,277	2,214	1,475	1,040
Monthly KW	33.1	19.8	28.6	15.0	16.1	17.2	10.8	16.5	17.7
Peak KW	41.4	21.6	40.4	18.9	24.9	28.0	13.8	21.4	24.0
Load Factor	33.5%	44.7%	41.6%	39.1%	26.0%	18.7%	28.8%	12.4%	8.3%
In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Calculated from the monthly usage patterns of actual customers.

S3 Impact—Monthly Bill Comparison

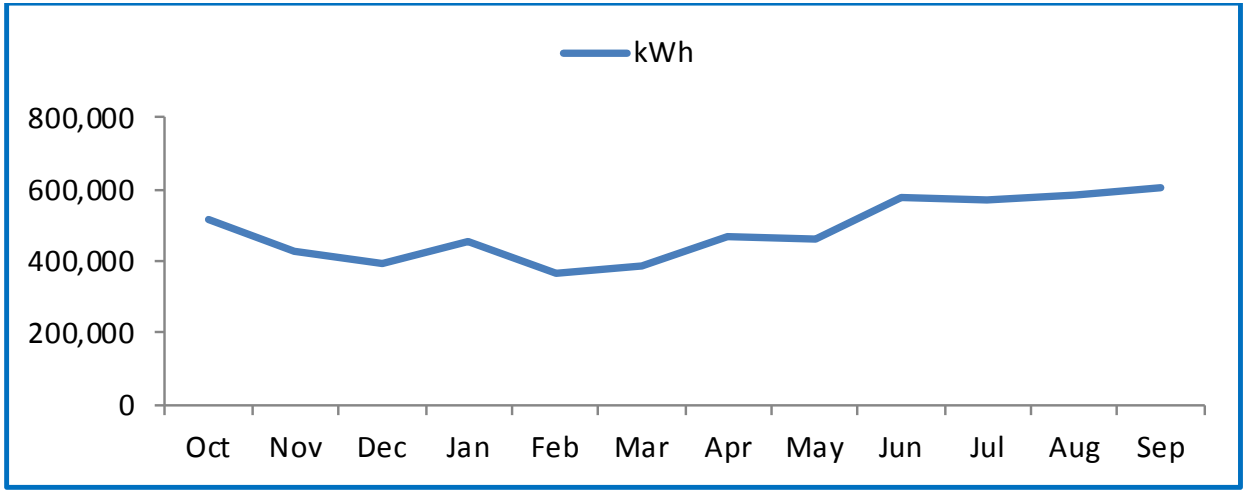
Type of Use	Utility	ISD	Retail	Medical	Office	Restaurant	Retail	HOW	HOW
Average Bill									
Existing	$32,868	$32,634	$32,310	$25,181	$16,432	$11,765	$11,818	$10,530	$6,594
Proposed	$31,835	$31,920	$31,520	$24,895	$16,174	$11,577	$11,577	$10,451	$8,072
Variance Proposed to Existing	-$1,032	-$713	-$790	-$285	-$258	-$188	-$241	-$79	$1,478
Percent Change	-3%	-2%	-2%	-1%	-2%	-2%	-2%	-1%	22%
Average									
Monthly kWh	316,200	304,167	289,500	279,850	172,650	127,433	116,425	86,550	50,525
Monthly KW	965.0	1000.0	1027.5	619.5	433.0	276.0	337.0	358.3	641.0
Peak KW	1059.0	1160.0	1130.0	663.0	516.0	316.0	405.0	489.0	840.0
Load Factor	44.6%	41.6%	38.5%	62.0%	56.2%	62.7%	47.2%	33.4%	10.9%

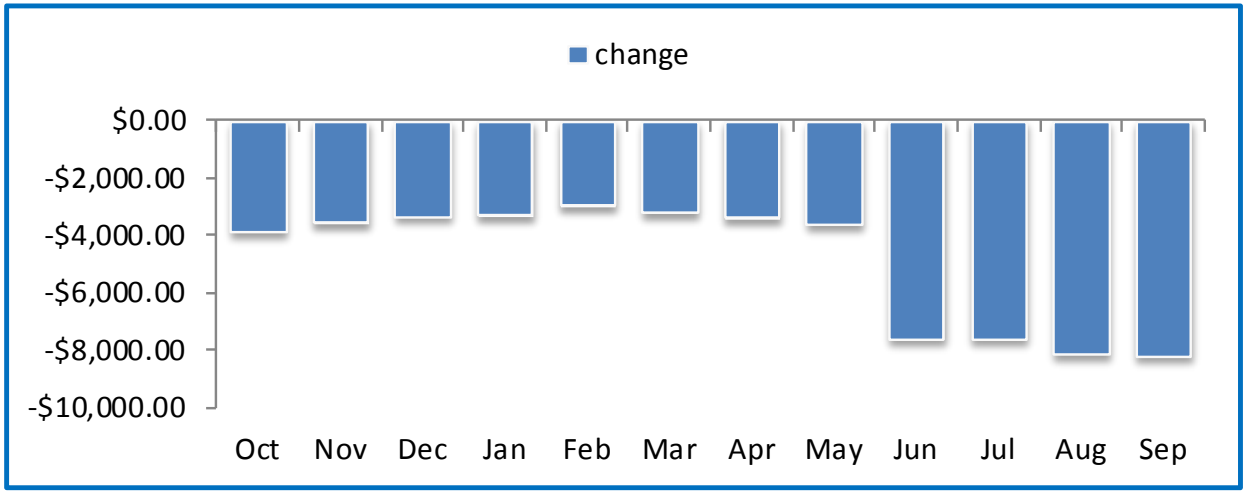
In/Out COA	Inside	Inside	Inside	Outside	Inside	Outside	Inside	Inside	Inside
Monthly kWh									

Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Calculated from the monthly usage patterns of actual customers.

P1—Sample Monthly Bill Comparison

Type of Use	Retail
Average Bill	
Existing	$37,750
Proposed	$32,840
Variance Proposed to Existing	-$4,910
Percent Change	-13%
Average	
Monthly kWh	483,300
Monthly KW	870.0
Peak KW	1020.0
Load Factor	75.8%

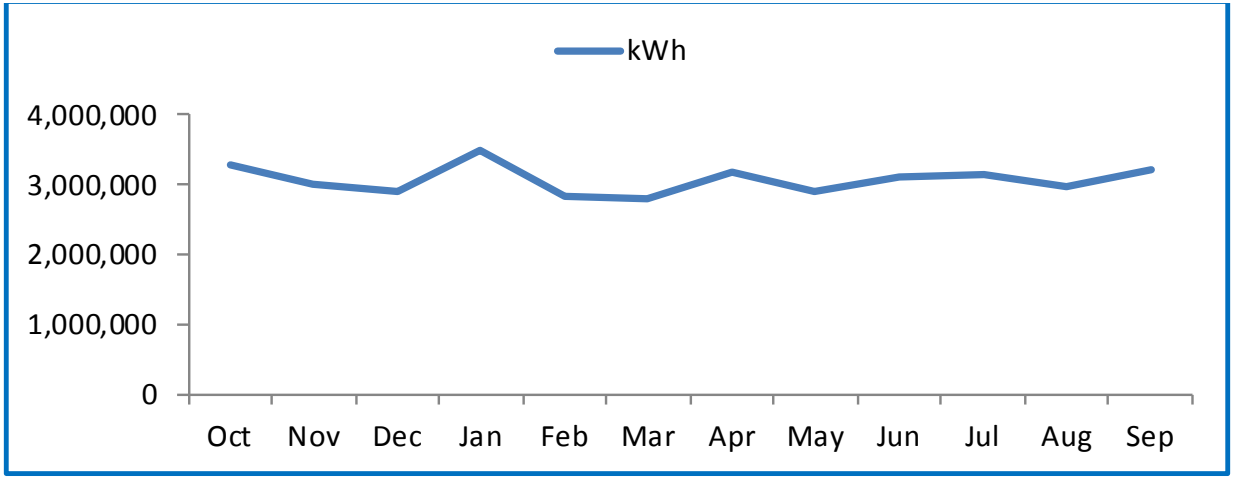


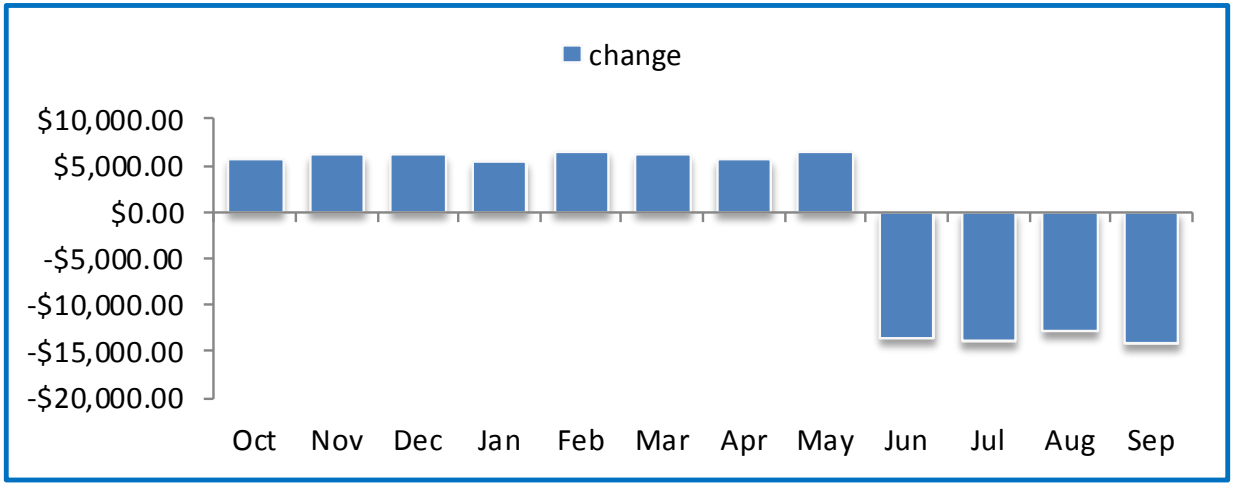


Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Average P1 customer used for illustration.

P2—Sample Monthly Bill Comparison

Type of Use	Industrial
Average Bill	
Existing	$196,648
Proposed	$196,152
Variance Proposed to Existing	-$496
Percent Change	0%
Average	
Monthly kWh	3,065,306
Monthly KW	4525.8
Peak KW	4680.0
Load Factor	92.8%





Impacts reflect proposed base rate adjustments and forecasted changes to PSA and Regulatory Charge. Average P2 customer used for illustration.

Next Steps

- Publish rates report and proposed tariffs
- Publish Cost of Service model
- Finalize procedural rules
- Begin discovery process before Impartial Hearings Examiner
- Outreach to customer groups to encourage participation

MEMORANDUM

TO: Marc A. Ott, City Manager

FROM: Larry Weis, General Manager

DATE: May 11, 2015

SUBJECT: Independent Rate Review Process

As required by Council policy, Austin Energy is directed to conduct a Cost of Service study every five years to determine if any rate adjustments should be recommended for Council approval and adoption. Accordingly, Austin Energy staff is preparing to kick off its 2016 Cost of Service study. Completion of that Cost of Service study will then initiate an *independent* rate review process that will allow the Council to (1) examine equity across customer classes, (2) address the Cost of Service of commercial and industrial customers (as recently raised with Council in the on-going discussions regarding contracts), (3) revisit reserves policies, and (4) adjust any lingering rate structure issues. It is my intent to propose a reduction to average system rates, or at the very least maintain system rates because to do otherwise is to invite legislative oversight of Austin Energy.

The Financial Policies of the City of Austin require that Austin Energy conduct a Cost of Service study a minimum of every five years (Austin Energy Financial Policies No. 17). Council Ordinance establishes a policy that the Council will review AE's rates every five years (Ordinance No. 20120607-055). That ordinance further establishes a process calling for an impartial hearing examiner to conduct the review and make recommendations to Council. The ordinance also calls for engaging an independent consumer advocate to represent the interests of residential and small business customers. A second resolution (Resolution No. 20141120-099) reiterated the direction to hire a consumer advocate.

Engaging an impartial hearings examiner to conduct an independent rate review process, consistent with Council direction, offers the greatest opportunity to conduct the review swiftly and to incorporate the lessons learned of the last rate review. The hearings examiner will facilitate the technical deliberations among the staff and stakeholders, and will then help to inform the Council deliberations on matters of policy.

We are initiating several items necessary to start the process that will eventually come to the Council. Those include the following:

- Issue an RFP to engage an impartial hearings examiner.
- Issue an RFP to hire an independent consumer advocate.
- Extend funding for Phase II of existing contract with Cost of Service consultant.
- Initiate contract with outside counsel.

We are preparing to discuss this issue with the Council at the June meeting of the Austin Energy Utility Oversight Committee. The working schedule will allow the Council to consider the recommendations from the impartial hearing examiner on a schedule to be incorporated into the FY2017 budget discussion. That timeline will also allow for the resolution of the Cost of Service study and independent rate review well in advance of the 2017 legislative session.

I look forward to discussing this effort with you in greater detail in the near future.

NXP/Samsung 1-98. Identify all instances in the proposed rates where rates are projected to recover a different amount than the revenue requirement amount allocates to that class. For each, explain the rationale for not setting rates equal to costs.

ANSWER:

Please see Figure 5.21 in the Report to Council narrative located on page 5-28 for a list of all instances in which proposed revenues for a rate class recover an amount different than the cost of service revenue requirement.

Please see Austin Energy's Response to NXP 1-21 for a discussion on the rationale for setting rates.

Prepared by: BE
Sponsored by: Mark Dreyfus

NXP/Samsung 1-99. Provide all studies of Austin Energy rates compared to other municipal rates and Austin Energy rates compared to prevailing ERCOT retail market rates.

ANSWER:

Please see Attachment 1.

Prepared by: JHO
Sponsored by: Mark Dreyfus

Austin Energy Affordability Benchmarking Study Update
Evaluation of Electricity Rates and Bills

Residential Electricity Bill Comparison
Final Report

December 2013

Austin Energy Affordability Benchmarking Study Evaluation of Electricity Rates and Bills

Residential Electricity Bill Comparison

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions and observations contained herein attributed to Leidos Engineering, LLC, (Leidos) constitute the opinions of Leidos. To the extent that statements, information, and opinions provided by the client or others have been used in the preparation of this report, Leidos has relied upon the same to be accurate and for which no assurances are intended and no representations or warranties are made. Leidos makes no certification and gives no assurances except as explicitly set forth in this report.

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Executive Summary

In 2013, Austin Energy (AE) retained Leidos Engineering, LLC (Leidos) and ReSolved Energy, LLC (Leidos Team) to conduct an analysis of AE customer electricity bills compared to electricity bills of customers of other utilities in Texas. This report contains the findings made by the Leidos Team related to the pricing of electricity for residential customers and fundamentally replicates a study conducted in 2010 on behalf of AE.

The current study provides information for the October 2012 through September 2013 time frame. This time period was chosen as it incorporates the first full year of AE's rate increase that went into effect October 1, 2012.

The Leidos Team used publicly available data sources to obtain information on electricity bills in 12 cities and/or electricity market areas in Texas. Sources included:

- The Public Utility Commission of Texas (PUCT) website (http://www.puc.state.tx.us/electric/rates/index.cfm). The PUCT provides historical pricing data at four usage levels [500 kilowatt-hours (kWh), 1,000 kWh, 1,500 kWh and 2,000 kWh] within competitive markets of the state.
- The Texas Electric Choice website (http://www.powertochoose.org) and individual retail electric provider (REP) websites.
- For electric utility service providers not currently participating in retail choice, published tariff rates were used to calculate a representative monthly bill for each of the four usage levels noted above, plus one additional usage level of 3,500 kWh, representing extremely high average monthly usage.

Due to the imprecise nature of the selection process used in the calculations and the limited number of offerings reported by the PUCT, results should be interpreted as indicative rather than conclusive. Variable and indexed price offerings were not included in this analysis, nor were any offerings with a term of less than 12 months.

The Leidos Team's analysis indicates that the dollar amount of AE's residential electricity bills at representative levels of energy usage are similar to that of other utilities and electricity providers in Texas at usage levels at 1,500 kWh or below. AE's residential bills are the most favorable at lower usage levels, particularly at 500 kWh monthly usage, due to its five tiered rate structure that provides a lower rate for the first 500 kWh of monthly electricity usage. The percentage difference between AE's bills at different levels and the average of all the other utilities included in this study, as well as the average for the other publicly owned utilities in this study are shown in Figure ES-1.

Figure ES-1
Summary Comparison – Monthly Electricity Bill Averages

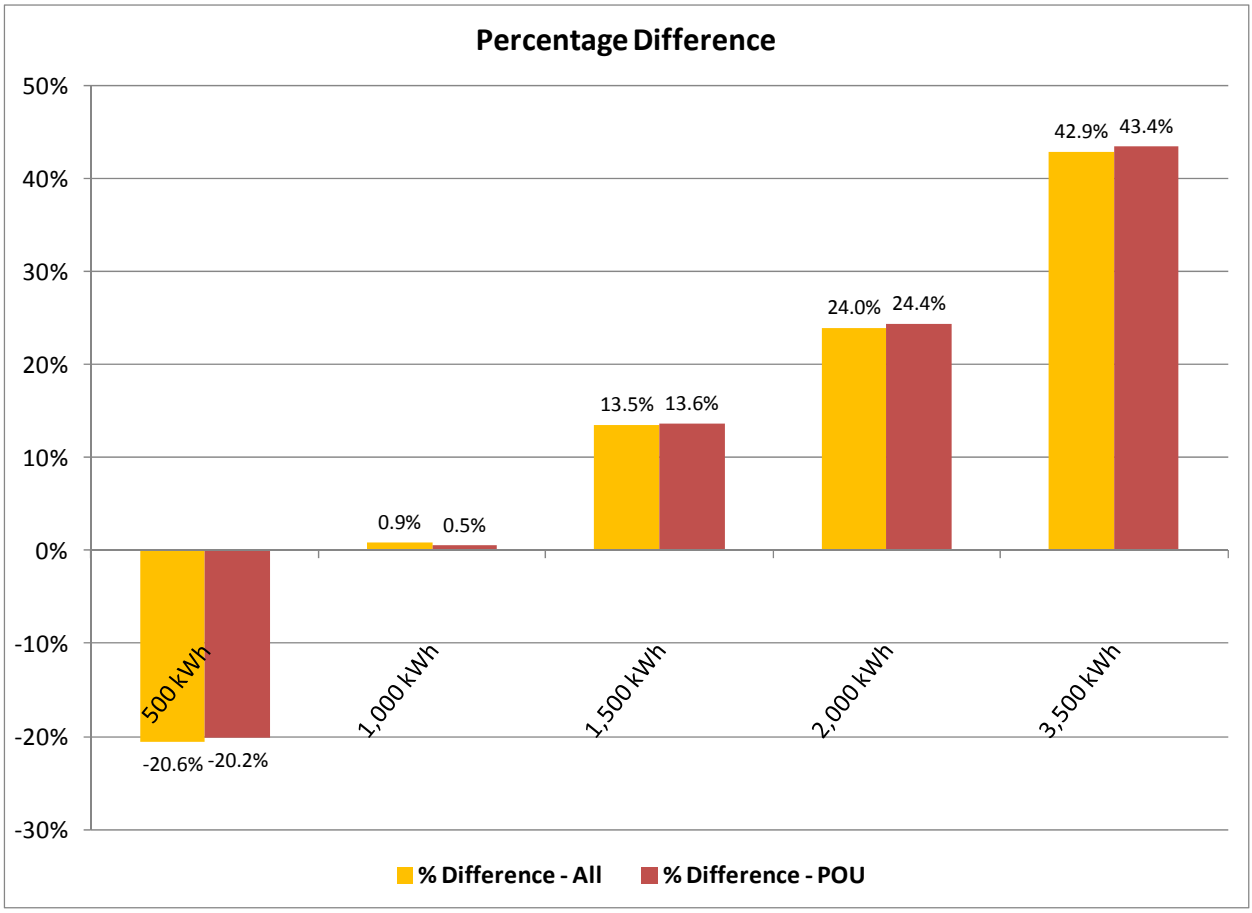


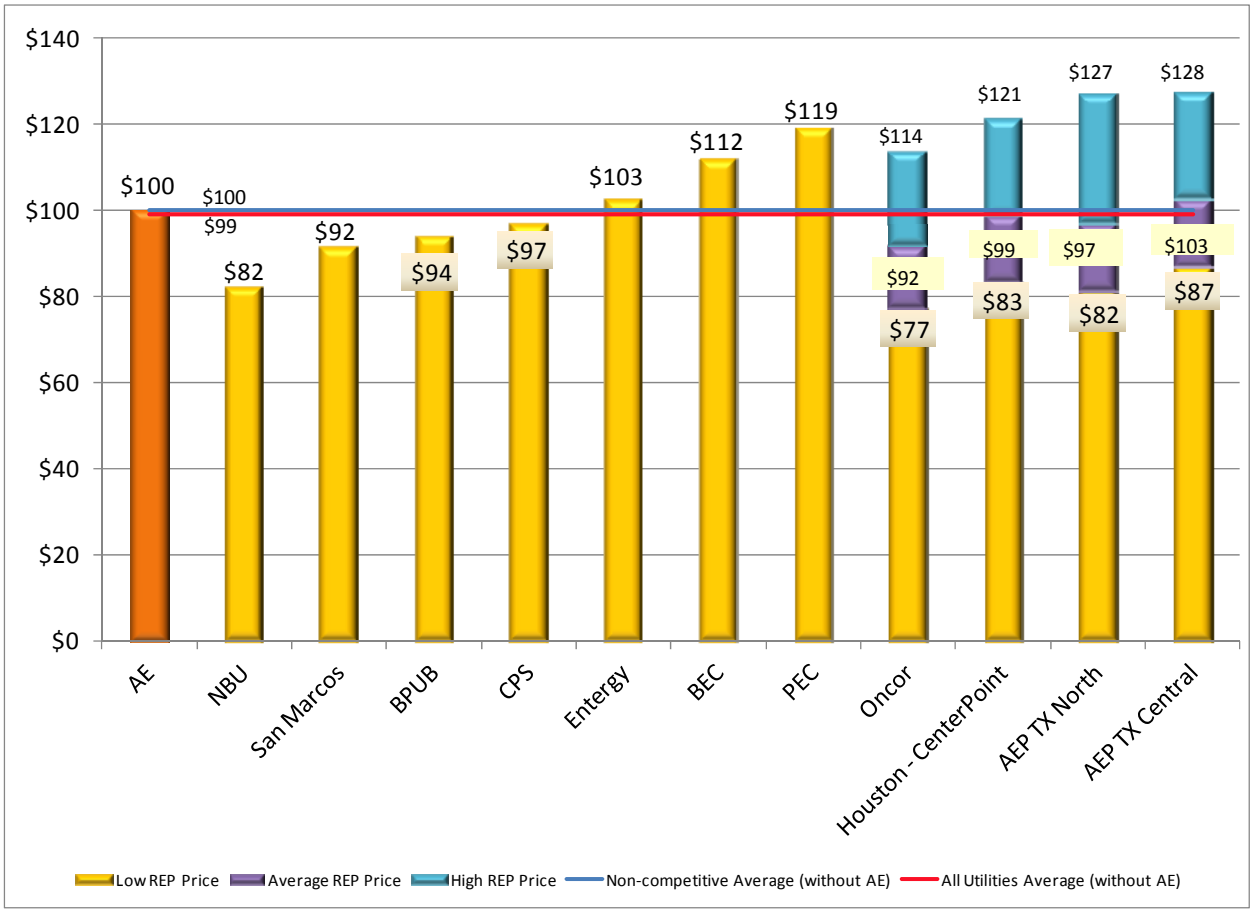
Figure ES-2 provides a side-by-side comparison of representative monthly customer bills at the 1,000 kWh usage level during the October 2012 through September 2013 timeframe. 1,000 kWh per month is considered fairly typical usage in homes in the U.S., with residential usage in Texas averaging 1,168 kWh per month in 2012 according to the Department of Energy.[1] At this level, calculated bills for the New Braunfels Utilities (NBU), City of San Marcos Utility Service (San Marcos), Brownsville Public Utilities Board (BPUB), San Antonio City Public Service (CPS Energy), and AE, as well as the average price offered by REP's in Dallas, Houston and Abilene would have been $100 or less per month. Average residential monthly usage of electricity across AE's service territory is significantly lower than in other service territories assessed in this comparison. Actual bills for AE residential customers will compare more favorably than a simple comparison of rates.

For the Transmission and Distribution Service Providers (TDSP) market areas, the following graph displays three levels of pricing for each market: the lowest cost fixed price offering

[1] http://www.eia.doe.gov/ask/electricity_faqs.asp

available from REPs each month averaged across the year, the average cost of the REP offering each month and the highest cost each month averaged across the year. A more detailed explanation of the methodology used in this study is included in the body of this report. Acronyms or titles used for the various electric utilities included in the figures below are defined in Table 1 of this report.

Figure ES-2
Average Monthly Bill at 1,000 kWh



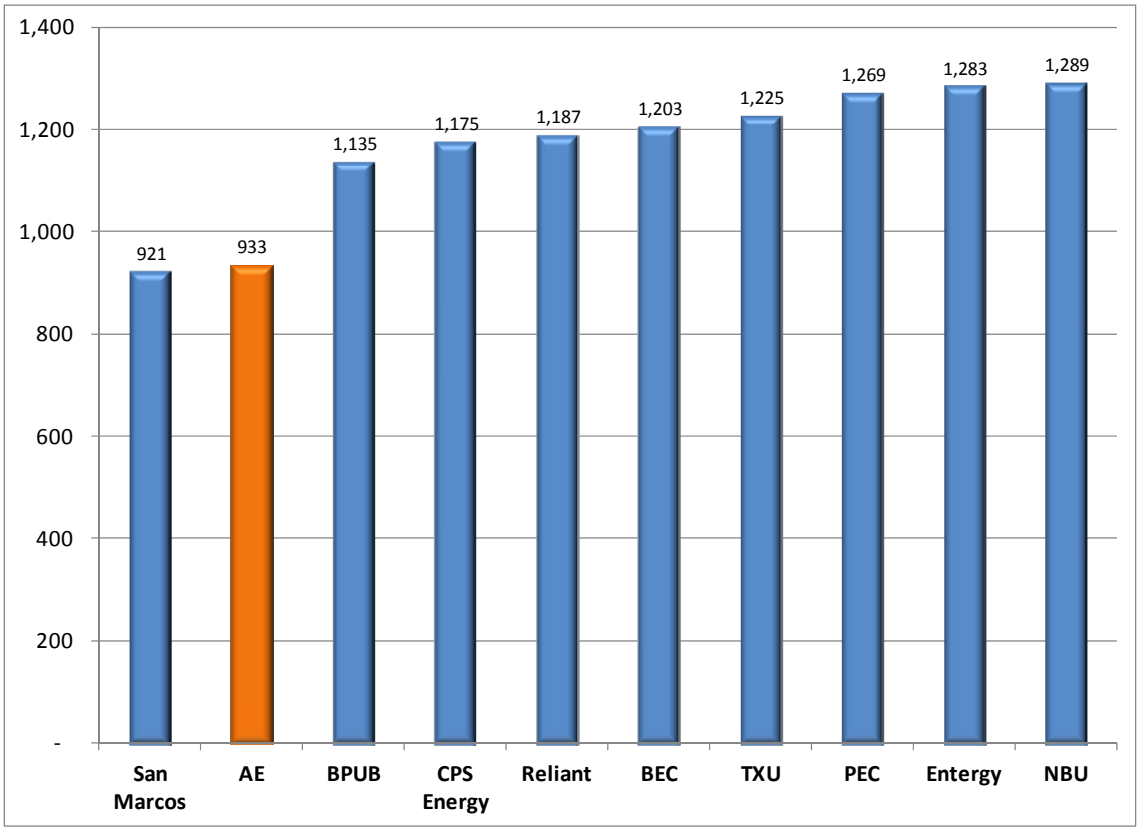
Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis; however, due to imperfect knowledge of the offerings, replication of these results may be problematic.

As noted in the 2010 affordability report, the drop in natural gas prices from approximately $8 per million British Thermal Units (MMBtu) in 2008 to a price under $4 per MMBtu in 2010 and the subsequent continuing pricing below $5 price in 2012 and 2013 appears to have played a role in the convergence of electricity prices over time.

Even the average of the least expensive fixed price offerings by a REP in each of the four TDSP territories which serve Houston, Dallas, Corpus Christi and Abilene, respectively, would have been among the highest prices in 2007 and 2008; however, these bills decreased appreciably in

the 2009 through 2013 period, attribute in part, to the decline in natural gas prices. The current downward trend in natural gas prices is highly correlated to the decline in electricity bills from REPs. AE's generation mix is less reliant on gas-fired capacity than the Electric Reliability Council of Texas (ERCOT) overall generation mix. This, along with AE's efforts to control the costs of natural gas through its fuel hedging program, may lessen any negative impact of rising natural gas prices on pricing for AE. Conversely, the current decrease in natural gas prices provide short-term price advantages to many other providers, while having less impact on AE's prices.

Figure ES-3
Average Monthly Usage (kWh)



Comparing average usage level in each territory demonstrates an important aspect of the total affordability picture in AE territory because its customers' average usage is significantly lower than almost any other area in the state. A simple comparison of rates ignores a key component of customers' bills, which are determined by the combination of usage and rates. The lower average usage in AE territory may be due to many factors, but is likely due at least in part to the aggressive energy efficiency programs promoted by AE.

Results found in this study also reflect AE's new five tier residential rate structure. In designing the rates that went into effect in 2012, AE followed several policy goals which included keeping rates low for customers with relatively low usage and providing strong pricing signals to high-use customers to support conservation and energy efficiency measures.

Austin Energy Affordability Benchmarking Study
Evaluation of Electricity Rates and Bills

Residential Electricity Bill Comparison

December 2013

Austin Energy Affordability Benchmarking Study Evaluation of Electricity Rates and Bills

Residential Electricity Bill Comparison

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions and observations contained herein attributed to Leidos Engineering, LLC (Leidos) constitute the opinions of Leidos. To the extent that statements, information, and opinions provided by the client or others have been used in the preparation of this report, Leidos has relied upon the same to be accurate and for which no assurances are intended and no representations or warranties are made. Leidos makes no certification and gives no assurances except as explicitly set forth in this report.

Introduction

In conjunction with its initiative to determine the affordability of Austin Energy's (AE) fully bundled retail rates for residential, commercial and industrial customers, AE retained Leidos Engineering, LLC (Leidos) and ReSolved Energy Consulting, LLC (Leidos Team) to conduct an analysis comparing AE customer electricity bills with those of customers of other utilities serving similar customer loads, or demand, in other metropolitan areas within Texas. This report is an update to the 2010 Affordability Benchmark Study and reflects the Leidos Team's findings pertaining to residential customer electricity pricing in 2012 and 2013.

Methodological Approach to Bill Comparisons

Data Sources

Publicly available data sources were used to obtain information on rates charged for the period of October 2012 through September 2013 by electric utilities serving customers within Texas. This time period was chosen as it incorporates the first full year of AE's rate increase that went into effect October 1, 2012. Data sources included the Public Utility Commission of Texas (PUCT) website (http://www.puc.state.tx.us/electric/rates/index.cfm), the Texas Electric Choice website (http://www.powertochoose.org), and individual Retail Electric Provider (REP) websites to obtain each product's *Electricity Facts Label* (EFL) information related to type of product (fixed rate, variable rate, or indexed rate), pricing and contract terms.

According to the PUCT's Substantive Rules – Chapter 25, Applicable to Electric Service Providers; Subchapter R, Customer Protection Rules for Retail Electric Service, "For a fixed rate product, the EFL shall provide the total average price for electric service reflecting all recurring charges, excluding state and local sales taxes, and reimbursement for the state miscellaneous gross receipts tax, to the customer."[2] The rule and discussions with PUCT staff led to our understanding that all surcharges such as the Advanced Metering Systems Surcharge and System Benefit Fund charge are included in the PUCT data.

For electric utility service providers and market areas not included in retail choice in Texas, rate tariffs were obtained from individual utility web sites. These published rates were used to calculate a representative monthly bill for each of five usage levels (500 kilowatt hours (kWh), 1,000 kWh, 1,500 kWh, 2,000 kWh, and 3,500 kWh), the first four levels of which correspond with the usage levels reported by the PUCT for the competitive market areas of the state. Both fixed (monthly service charge/fee) and variable price components (price per kWh, fuel adjustment clause, and other adjustments, as available) were included in the calculations, as well as summer and non-summer rates as applicable. Instances where specific data were not available are documented in the Table Notes.

Additional detail on methodology used is provided below as well as in Table Note 1.

[2] Public Utility Commission of Texas website. http://www.puc.state.tx.us/rules/subrules/electric/index.cfm.

Benchmarked Service Providers

Table 1, shown below, displays the city/metropolitan areas included in our analysis and the corresponding utility provider in non-competitive markets or what is called the Transmission and Distribution Service Provider (TDSP) in competitive market areas of Texas. The TDSPs, sometimes called wires companies, transmit and deliver electricity to the customer via poles and wires that each company owns. TDSP's are responsible for maintenance and repair of the poles and wires and are regulated by the PUCT.

Table 1
Electric Service Providers by City

City	Electric Service Provider or Territory
Abilene	AEP Texas North (formerly West Texas Utilities)
Austin	Austin Energy (AE)
Beaumont	Entergy Texas (Entergy)
Brownsville	Brownsville Public Utilities Board (BPUB)
Cedar Park	Pedernales Electric Cooperative (PEC)
Corpus Christi	AEP Texas Central (formerly Central Power & Light)
Dallas	Oncor (formerly TXU)
Elgin	Bluebonnet Electric Cooperative (BEC)
Houston	Center Point Energy (formerly Reliant Energy Houston Light & Power)
New Braunfels	New Braunfels Utilities (NBU)
San Antonio	City of San Antonio CPS Energy (CPS Energy)
San Marcos	City of San Marcos Utility Service (San Marcos)

Table 2 displays the number of residential customers and residential megawatt hour (MWh) sales in 2012 for electric providers in non-competitive markets.

Due to deregulation in Texas, REPs sell, bill, and provide customer service for electricity in competitive markets in Texas, with the energy being delivered to customers over the TDSP's infrastructure. TDSPs provide transmission and distribution service in specific geographic territories while REPs tend to serve an area that extends beyond one city and/or geographic market and may serve customers in numerous geographic areas. Because of this complexity and potential misinterpretation of the data related to the number of customers and MWh sales for REPs and TDSPs, it is not presented in the following table. A more thorough discussion of electric competition in Texas is provided later in this report.

Some of the electric service providers included in the table below serve more than one city or geographic region. For this reason, the number of residential electric customers for the utility exceeds the city population in some instances.

Table 2
City and Utility Demographics

City	City Population*	Utility	No. of Residential Electric Customers for the Utility **	Residential MWh Sales in 2012**
Austin	842,542	AE	378,873	4,241,660
Elgin	8,232	BEC	70,662	1,020,488
Beaumont	118,228	Entergy Texas	364,095	5,603,724
Brownsville	180,097	BPUB	40,750	555,154
Cedar Park	57,957	PEC	223,611	3,406,048
New Braunfels	60,761	NBU	25,781	398,790
San Antonio	1,382,951	CPS Energy	654,203	9,221,307
San Marcos	50,001	City of San Marcos	18,072	199,706

*Source: U.S. Census Bureau, 2012 Population Estimate
** Source: EIA Form 861, 2012 data

Data Assumptions

Retail Electric Providers

The PUCT "Bill Comparison, Monthly Bill" (http://www.puc.texas.gov/industry/electric/rates/RESbill.aspx) data were used to obtain a total bill offering price for selected REPs and programs for each month of each year of the time period included in the analysis. This data is provided at four usage levels: 500 kWh; 1,000 kWh; 1,500 kWh; and 2,000 kWh. Service offerings for which the respective "Electricity Facts Label" (EFL) indicated it was a fixed price service were included in the analysis. For program offerings in 2012 that were not offered in September 2013 and hence no longer have an EFL posted on the service providers' website, the program name was used to classify offerings as fixed price. Due to the imprecise nature of the selection process, results should be interpreted as indicative rather than conclusive. Variable and indexed price offerings and offerings that included renewable resources were not included in this analysis.

AE provides service to customers under a fixed rate tariff that is typically adjusted annually for changes in fuel costs incurred by the utility. To provide comparability in assessing AE's rates against rates available in the competitive market place, the Leidos Team used monthly market

prices as the basis for computing an annual competitive market proxy price. Only fixed term products with a term of 12 months or more were used in the calculations of the annual proxy. The prices of offerings for each month are averaged over a 12 month period to create a levelized offering that is most similar to AE's terms of service. Other shorter term (i.e., variable, typically month-to-moth) products are available to customers in competitive territories, but these were excluded from our analysis to maintain comparability. At any point in time, the price of competitive service will vary based on the price forecast for natural gas. The Leidos Team therefore used a twelve month proxy to smooth out volatility arising from the natural gas market. This approach may attenuate short term changes in market prices, but will nevertheless recognize pricing changes that occur over longer terms.

The "all-in" fixed prices reflect a monthly average of the fixed rate bills for each month from October 2012 through September 2013 totaled across the respective year in each of four TDSPs – Oncor Electric Delivery (formerly TXU), CenterPoint Energy Houston Electric (formerly Reliant Energy HL&P), AEP Texas Central (formerly Central Power and Light) and AEP Texas North (formerly West Texas Utilities) and divided by 12.

The "lowest" and "highest" data reflect the lowest and highest fixed rate price, respectively, each month totaled across the study time period and then divided by 12 to obtain an average lowest and highest monthly cost.

Electric Providers in Non-competitive Markets

For electric utility providers in non-competitive areas of Texas, published tariff rates were used to calculate a representative bill for each of the five usage levels (500 kWh, 1,000 kWh, 1,500 kWh, 2,000 kWh and 3,500 kWh). This bill calculation included fixed charges such as a monthly service fee and all applicable variable costs, based on data availability.

The Electric Division of the PUCT provides a residential monthly electricity bill comparison based on data collected from various utilities in markets within Texas that are not open to competition. The data and computations are provided by each participating utility. Each utility calculates a typical customer's bill for two levels of usage (500 kWh and 1,000 kWh) based on their internal rate tariff. AE, CPS Energy, City of San Marcos, and Entergy Texas participate in the PUCT survey and their reported data from October 2012 through September 2013 was compared to the representative bill calculated for this study by the Leidos Team.

Based on the monthly average for the period October 2012 through September 2013, results of this comparison reveal that the PUCT reported and Leidos Team calculated bills are essentially the same for both CPS Energy and AE. However, there are some minor discrepancies between the representative bills the Leidos Team calculated for Entergy Texas and San Marcos and the bill amounts reported to the PUCT. For example, at the 500 kWh level, the average bill for the time period as reported to the PUCT by Entergy Texas was $56, which is slightly higher than the bill calculated using the rate information Entergy Texas has posted on their website ($54). Since the utilities offer more than one rate for residential customers, these differences are likely due to the Leidos Team using a single residential rate schedule, while the utilities may have reported aggregated residential costs across multiple rates structures (time-of-use, all electric, etc.) to the PUCT. The Leidos Team's calculation for San Marcos was based on rate information posted on their website (http://www.ci.san-marcos.tx.us/departments/finance/utilityrates.htm) as well as

information provided by the utility department based on our Team's telephone inquiry. At the 500 kWh usage level, our analysis resulted in a monthly average bill of $51, while the PUCT data reports an average of $48.

Table 3
PUCT Bill Comparison
Monthly Average Residential Bills – October 2012 through September 2013

	PUCT Survey			
	Austin Energy	CPS Energy	Entergy Texas	City of San Marcos
	Calculated for 12 months/Reported to PUCT			
	($)	($)	($)	($)
500 kWh	45/45	52/52	54/56	51/48
1,000 kWh	100/100	97/97	103/106	92/88

Data Limitations

The PUCT "Bill Comparison, Monthly Bill" does not include all pricing offers from all REPs in its historical database; hence this analysis was limited to available data. The PUCT provides the following disclaimer:

> "This information is compiled by the Public Utility Commission of Texas from publicly available information from the Retail Electric Providers and PUC approved price to beat rates (through December 2006) using representative usage levels. The PUC makes no recommendation with respect to any REP. Although we believe these prices are accurate, the PUC makes no warranty that the prices in this table are currently being offered."[3]

Residential Electricity Bill Analysis at Specified Levels of Usage

For the 12 month period starting in October 2012, when AE instituted its most recent rate increase, the dollar amount of AE's residential electricity bills appears to be analogous with those of other utilities in the non-competitive market and REPs in Texas at usage levels of 1,500 kWh or below. Due to AE's five tier rate structure that provides a lower rate for the first 500 kWh of monthly electricity usage, AE's residential bills are more favorable at lower levels of, particularly at 500 kWh monthly usage. The monthly average residential electricity bill comparative data at five different levels of energy usage (500 kWh, 1,000 kWh, 1,500 kWh 2,000 kWh and 3,500 kWh) for the time period of October 2012 through September 2013 is shown in Table 4.

[3] Public Utility Commission of Texas website. http://www.puc.state.tx.us/electric/rates/RESbill.cfm

The comparison of AE and REP/TDSP pricing is complex because there are two different electric utility operational environments in Texas, the competitive market and the non-competitive market. Historically, a single company provided all parts of electricity service (generation, transmission and distribution and electricity sales to customers) within its geographic service territory. With competition, these functions were separated into different operating companies. In Texas, the TDSPs transmit and deliver electricity to customers through poles and wires owned by that company. Because they own the physical infrastructure associated with electricity transmission and distribution, TDSPs serve the specific geographic area in which they own assets. In contrast, REPs sell and bill for electricity (which is delivered over the TDSPs infrastructure); as such REPs are able to solicit for and serve customers in any of the competitive market areas in which they choose to operate.

Most REPs offer electricity products in several TDSP territories, with the amount of the total electricity bill for the same product at the same usage level varying slightly across the TDSP territories due to differences in transmission and distribution costs. Many of the REPs offer a variety of electric service products which may have fixed, variable or indexed pricing. A fixed electricity rate will generally remain the same throughout the term of the contract. A variable electricity rate can increase or decrease each month according to a method determined by the offering REP. An indexed rate is tied to a specific pricing formula offered by the REP. Electricity products sold via a longer contract period and a fixed rate typically provide the customer with price certainty. However, if market prices fall, customers on long-term, fixed contracts may have to wait until their contract expires to take advantage of the lower price. Variable and indexed rate plans can provide the benefit of an immediate pass-through of decreased market prices but also subject the customer to the risk of increased market prices that may be tied to natural gas price increases due to cold weather, natural disasters, or other market conditions.

In contrast to REPs who offer indexed and variable pricing which can fluctuate each month, AE and the other electric utilities that operate in non-competitive markets typically offer more stable pricing. One example of the volatility of variable rates plans is the Reliant Energy "Monthly Flex Plan" offered in the Oncor service territory. The price in October 2012 would have been $108.18 for 1,000 kWh of usage, compared to a price of $82.35 for the same product in July 2013.

Utilities operating in non-competitive markets set a base rate that is determined by their generation or power supply portfolio costs, transmission and distribution costs and operating costs. This price has historically been consistent over a relatively long time period. Minor adjustments may be made to bill costs through a fuel factor adjustment. For example, in 2012 AE restructured its base rates for the first time since 1994, although it had the ability to change the fuel factor adjustment on a regular basis. While some municipal and cooperative utilities make monthly adjustments to their fuel factor, AE generally updates its fuel factor on an annual basis.

In competitive markets, REPs typically set prices based on the current energy market which is highly dependent on the price of natural gas. Hence a comparison across market types (competitive vs. non-competitive) is likely to be indicative, rather than conclusive. Regardless of

these inherent differences, in an attempt to compare the most similar offerings possible, this analysis includes only fixed priced products with a term of at least 12 months, as these products most closely approximate the pricing of electricity from AE and other utilities that are not involved in retail competition.

To capture the resultant cost of electricity to consumers, the monthly price within each of the four TDSP service territories included in this analysis is presented in several ways in the following tables. To determine the "average" cost of electric service, an average price for all fixed priced offerings for each month of October 2012 through September 2013 was first obtained from the PUCT's *Average Annual Rate Comparison for Residential Electric Service* archive. The average cost of electric service across all fixed price, non-renewable generation offerings for each of the 12 months was summed and then the total was divided by 12. For example:

- In October 2012 consumers in Dallas could choose among fixed price offerings from Ambit Energy, Amigo Energy, Cirro Energy, Direct Energy, Dynowatt, First Choice Power, and several other REPs. For 500 kWh of usage, the average monthly electricity bill of all fixed priced offerings was $56.81.
- In November, 2012 the average price of electric service offerings in Dallas was $57.25 for 500 kWh of usage.
- Over the course of the year the average total bill for fixed price electric service in Dallas was $59, as seen in Table 5.
- Likewise, the lowest and highest fixed price offering was obtained each month of the study period and each month's lowest or highest price was summed across the year and then divided by 12 to report the average highest or lowest bill amount for of electric service on a monthly basis.

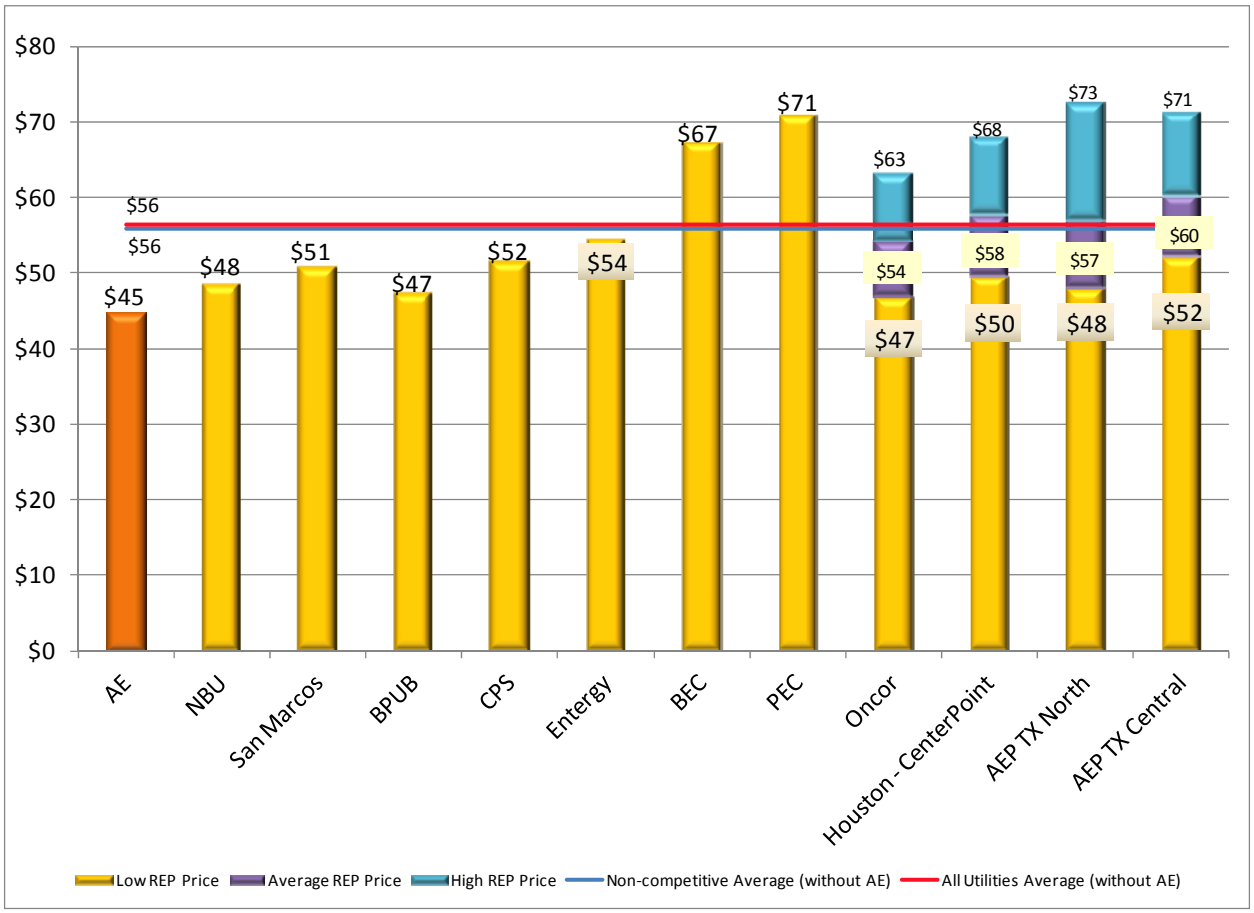
Residential Electricity Bill Analysis

The following is a summary of the results of this comparative study on pricing of residential electricity service for the 12 month period from October 2012 through September 2013.

At the 500 kWh level of usage:

- The total bill for electricity for AE residential customers would have averaged $45 per month (or $537 per year taking into account summer rates in June through September and non-summer rates the remaining eight months). At $45 per month, AE was the lowest among the providers included in our analysis. BPUB and NBU would also have provided this level of usage for less than $50 per month.
- The average cost for 500 kWh usage found in this study across all utilities (excluding AE) was $56 per month.
- PEC ($71) and the highest average bills in both Corpus Christi ($71) and Abilene ($73) markets would have been over $70 per month.

Figure 1
Average Monthly Bill for 500 KWh Usage



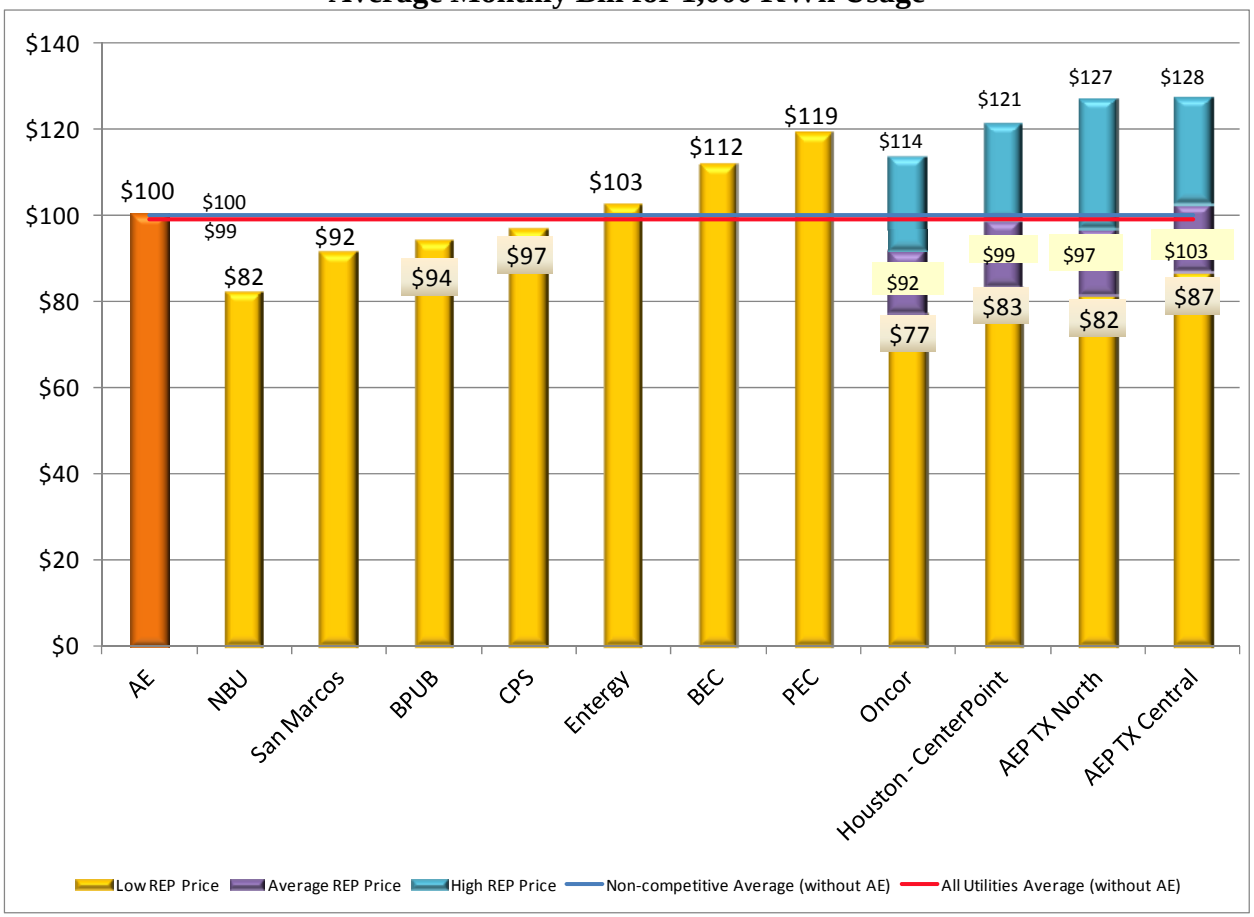
At the 1,000 kWh level of usage:

- The total electricity bill for AE residential customers would have averaged $100 per month (or $1,200 per year, taking into account summer rates in June through September and non-summer rates the remaining eight months) for this 12 month time period, which is above the monthly bill price that would have been provided by NBU ($82), San Macros ($92), BPUB ($94) and CPS Energy ($97), as well as higher than at least one offer in each of the four competitive markets of Dallas ($77), Abilene ($82) Houston ($83) and Corpus Christi ($87).

- Excluding AE, the average of all the utilities' offerings at 1,000 kWh would have been $99 per month.

- Entergy ($103), BEC ($112) and PEC ($119), would have had higher average bills than AE as would the average price ($103) within the Corpus Christi TDSP market.

Figure 2
Average Monthly Bill for 1,000 KWh Usage

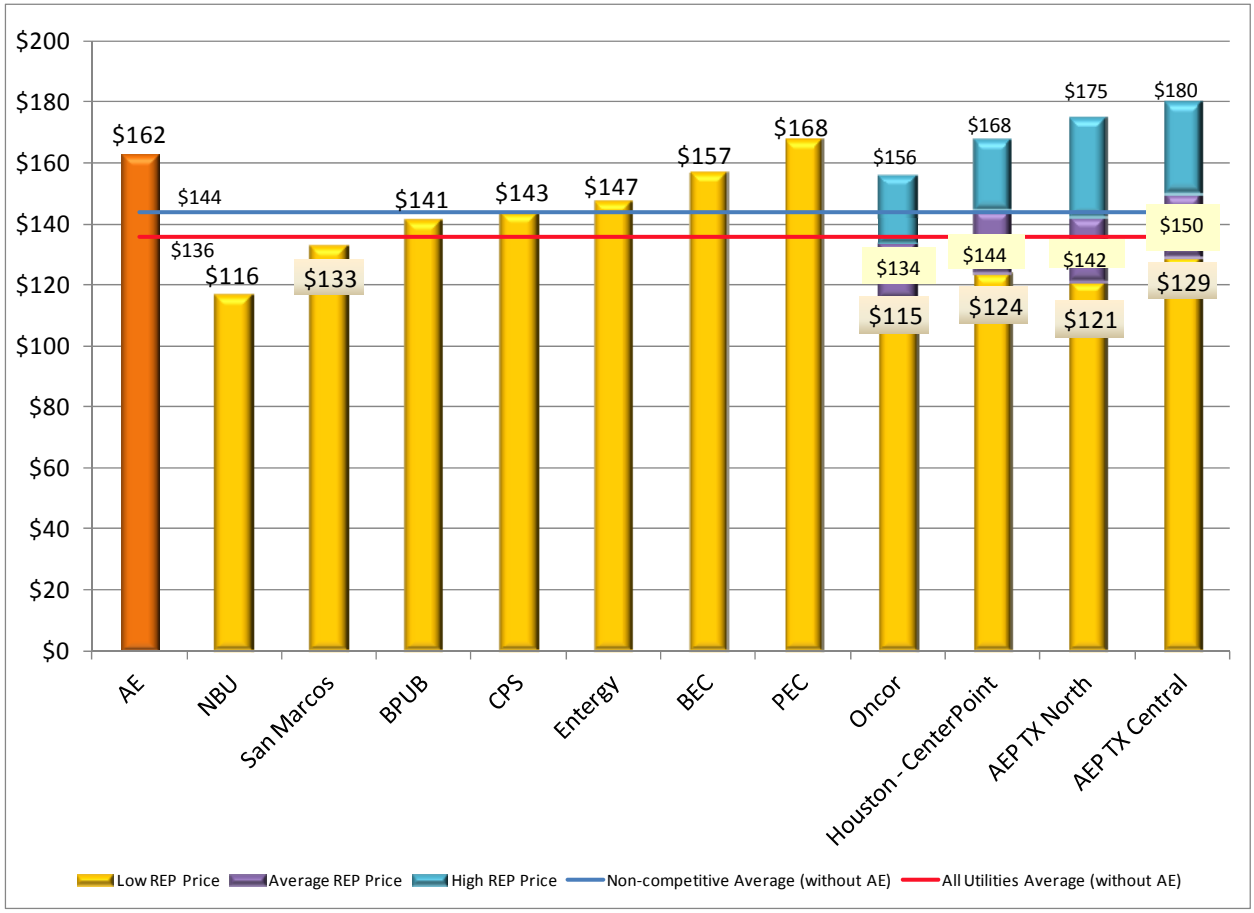


At the 1,500 kWh level of usage:

- For the 12-month period starting with AE's rate increase in October 2012, the electricity bill for AE residential customers would have averaged $162 per month, which would have been higher than monthly electricity bills from NBU ($116), San Marcos ($133), BPUB ($141), CPS Energy ($143), Entergy ($147), BEC ($157), and the average offerings in Dallas ($134), Abilene ($142), and Houston ($144), and Corpus Christi ($150), but below the PEC ($168).

- The average of the comparison utilities' offerings would have been $136 per month.

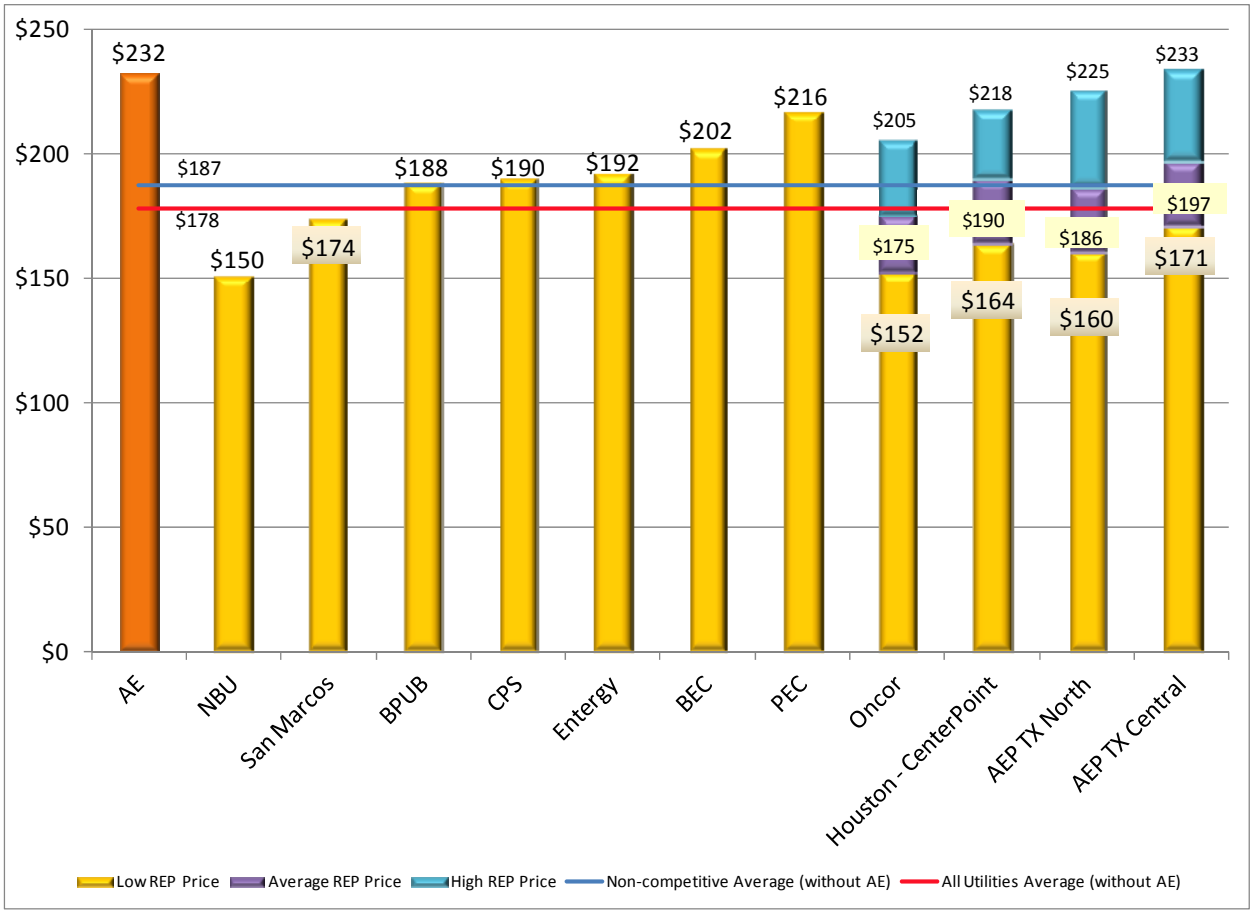
Figure 3
Average Monthly Bill for 1,500 KWh Usage



At the 2,000 kWh level of usage:

- The monthly electricity bill for AE residential customers would have averaged $232, which is above the price provided by NBU ($150), San Marcos ($174), BPUB ($188), CPS Energy ($190), Entergy ($192), BEC ($202), PEC ($216) and the highest offers in Dallas ($205), Houston ($218), and Abilene ($225). AE's bill would have been just below the highest offer in Corpus Christi ($233).

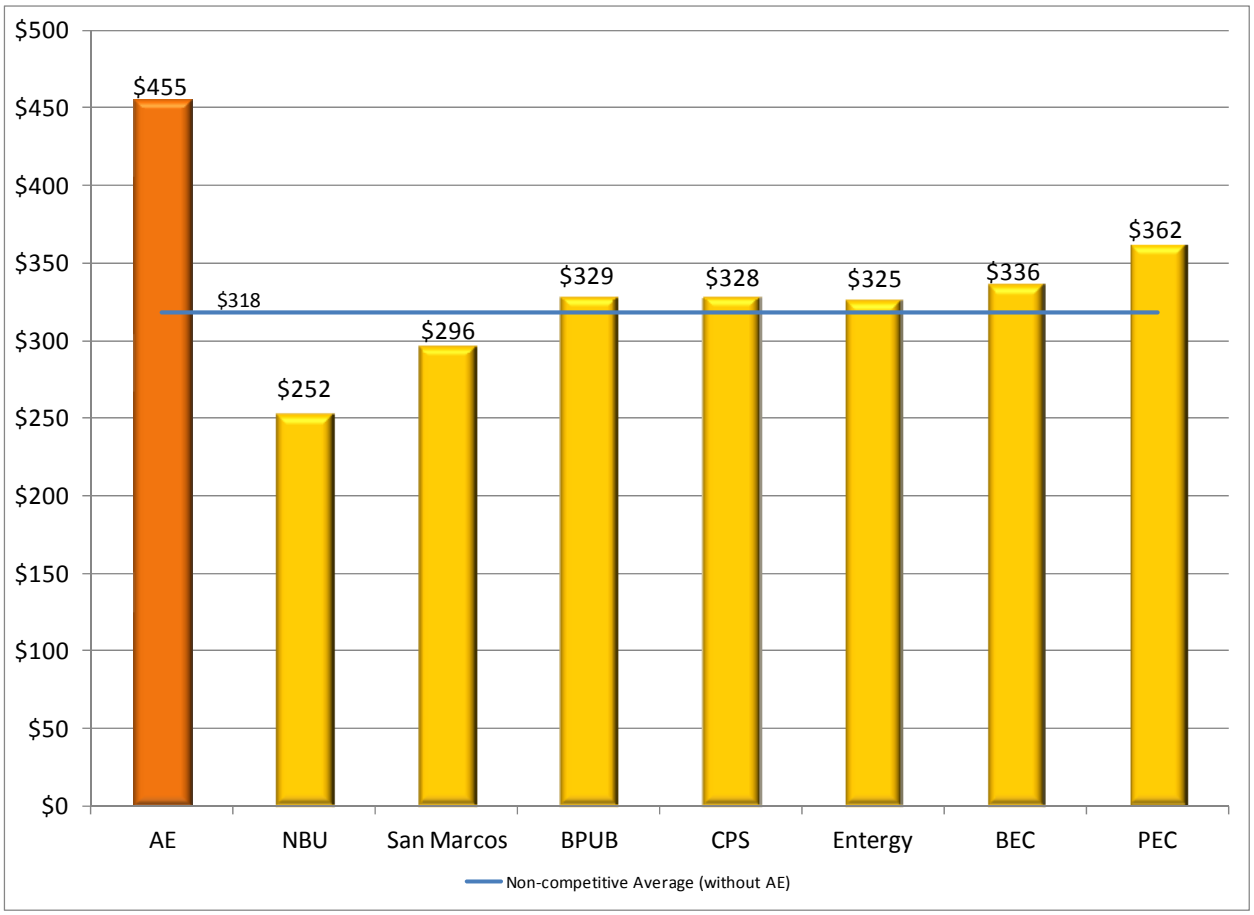
Figure 4
Average Monthly Bill for 2,000 KWh Usage



At the 3,500 kWh level of usage:

- The monthly electricity bill for AE residential customers would have averaged $455, which is substantially higher than the price provided by the municipal and cooperative utilities reviewed for this study. The PUCT does not report REP offers for usage above 2,000 kWh.

Figure 5
Average Monthly Bill for 3,500 KWh Usage



The results shown above are not surprising given AE's revised residential rate structure that went into effect in October 2012. The effect of the five tiered increasing block rate structure was to keep bills affordable at low levels of usage (500 kWh or less) as well as to send strong pricing signals to customer using significantly more than the average number of kWh per month. These price signals were designed to encourage high use customers to pursue conservation and energy efficiency measures.

These results represent a specific point in time and are not static. Several of the municipal utilities included in this analysis are currently initiating electric rate increases that either just went into effect in late 2013 or will be instituted in the near future.

- The City Council of San Marcos passed ordinance 2013-50 in September 2013 to increase the customer charge, energy charge and demand charge, as applicable, by four percent effective in October 2013.
- In November 2013, the City Council of San Antonio approved an increase in electricity rates of approximately 4.25 percent that will go into effect for CPS Energy customers on February 1, 2014. CPS Energy has indicated it expects to need further increases of 5.25 percent in 2016 and 4.5 percent in 2018.

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Table 4
Average Annual Monthly Residential Electricity Bills at Different Levels of Energy Usage – October 2012 – September 2013

Average Monthly All-In Fixed Price Offerings - October 2012 – September 2013[1]

City (Service Territory)	Austin (AE)	Elgin (Bluebonnet EC)[2]	Cedar Park (Pedernales EC)[3]	San Antonio (CPS Energy)[4]	Houston (Center Point Energy)[1]			Dallas (Oncor)[1]			Corpus (AEP Texas Central)[1]			Abilene (AEP Texas North)[1]			Browns-ville (BPUB)[5]	Beaumont (Entergy Texas)[6]	San Marcos (San Marcos)[7]	New Braunfels (NBU)[8]
Monthly usage					**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**				
500 kWh	$45	$67	$71	$52	$58	$50	$68	$54	$47	$63	$60	$52	$71	$57	$48	$73	$47	$54	$51	$48
1,000 kWh	100	112	119	97	99	83	121	92	77	114	103	87	128	97	82	127	94	103	92	82
1,500 kWh	162	157	168	143	144	124	168	134	115	156	150	129	180	142	121	175	141	147	133	116
2,000 kWh	232	202	216	190	190	164	218	175	152	205	197	171	233	186	160	225	188	192	174	150
3,500 kWh	455	336	362	328	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	329	325	296	252

	Lowest priced offering within a usage category
	Highest priced offering within a usage category

Source: See Table Notes on pages 25 and 26.
Reasonable efforts were made to insure the accuracy of the data included in the analysis; however, due to the imperfect knowledge of the offerings, replication of these results may be problematic.

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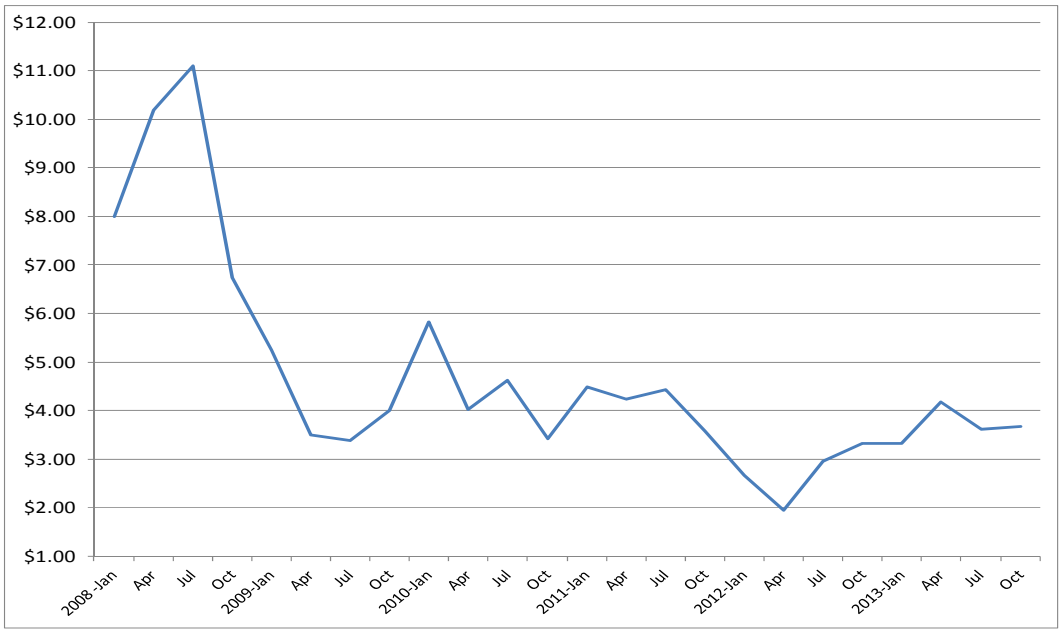
Trends in Natural Gas Costs

In Leidos' 2010 report to AE regarding electricity bill affordability, the Leidos Team found that the trend in natural gas prices are highly correlated with the decline in electricity bills from REPs in 2009 and 2010. AE met 15.7percent of its energy needs directly from its natural gas facilities and an additional 14.9 percent of its energy needs through purchased power derived predominantly from natural gas-fired power generation facilities in Fiscal Year 2013. The Electric Reliability Council of Texas (ERCOT) region met 44.6 percent of its energy needs from natural gas-fired generation facilities.[4] Therefore, AE's generation mix is less reliant on gas-fired capacity than the ERCOT overall generation mix. ERCOT's reliance on natural gas generation makes most retail rates in ERCOT sensitive to natural gas price movements. The relationship between natural gas prices and retail electricity prices was exhibited by the rise in providers' rates that occurred in 2008 when natural gas prices rose, followed by a decline in residential prices in 2009 and 2010 as natural gas prices fell. Based on the 2012-2013 analysis, REP prices have continued to decline as natural gas prices have remained at below $4 per million British Thermal Units (MMBtu) for most of the past two years, falling as low as below $2 per MMBtu in early 2012, as shown in Figure 6. In contrast, AE's diverse fuel mix and fuel hedging program help minimize short-term volatility while reducing the impact of future increases in natural gas prices.

Figure 6
Historic Natural Gas Prices



Source: EIA, Henry Hub Monthly Prices. http://www.eia.gov/dnav/ng/hist/rngwhhdm.htm

[4] http://www.ercot.com/news/press_releases/show/26382

At any point in time an individual can compare current offerings to AE prices at the powertochoose.org website. The methodology used in this report is intended to provide a bill comparison that reflects the way in which AE prices its electricity service. Short-term price changes due to volatility in natural gas prices and other factors that affect pricing may become less pervasive in a study that looks at longer periods of time, such as averages over the course of a year. This is more analogous to the way in which AE prices electricity. This analysis is intended to be replicable on an ongoing basis so that continuing long-term pricing trends can be evaluated and compared with AE prices.

Residential Electricity Bill Seasonal Pricing Analysis

Table 5 displays differences in seasonal pricing for selected utilities and REPs for the period of this study, by showing residential electricity bills for January and July 2013 at five usage levels (500 kWh, 1,000 kWh, 1,500 kWh, 2,000 kWh and 3,500 kWh). Several utilities in non-competitive markets, including AE and CPS Energy, have higher prices during the summer months to more accurately reflect the higher cost of energy for a summer peaking system. Additionally, the intent of AE's rate design strategy was to promote the greater use of energy efficiency incentives in summer months, which drives down the price for the total bill due to decreased energy usage. Therefore, it is important to evaluate these differences in seasonal pricing by comparing prices in an individual summer and non-summer month.

In 2013, fixed price contracts from REP's were mixed with prices in some markets higher in July than in January. This could be due to a number of reasons including the price of natural gas futures at the time of contracting which is often higher in summer months due to the summer peak season. Henry Hub natural gas spot prices generally trended slightly higher in the time period of January 2013 to July 2013 as compared to the low of approximately $2 in April 2012.

Table 5
Seasonal Monthly Residential Electricity Bills at Different Levels of Energy Usage

All-In Fixed Prices For January and July 2013

City (Service Territory)	Austin (AE)		Elgin (BEC)[2]		Cedar Park (PEC)[3]		San Antonio (CPS Energy)[4]		Houston (Center Point Energy)						Dallas (Oncor)					
	$		$		$		$		Average		Lowest		Highest		Average		Lowest		Highest	
Monthly Usage	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**
500 kWh	42	50	66	68	71	71	50	53	61	61	52	53	67	73	57	61	46	53	65	73
1,000 kWh	94	113	109	114	119	120	93	103	106	102	93	79	117	133	99	102	85	79	112	133
1,500 kWh	153	182	152	160	167	168	135	155	156	147	138	118	181	169	145	147	127	118	161	169
2,000 kWh	218	260	196	206	215	217	177	207	207	192	183	156	244	221	191	192	168	156	210	221
3,500 kWh	432	501	326	343	359	363	303	363	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

City (Service Territory)	Corpus (AEP Texas Central)						Abilene (AEP Texas North)						Brownsville (BPUB)[57]		Beaumont (Entergy Texas)[6]		San Marcos (San Marcos)[7]		New Braunfels (NBU)[8]	
	Average		Lowest		Highest		Average		Lowest		Highest		$		$		$		$	
Monthly Usage	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**	**Jan '13**	**July '13**
500 kWh	63	68	53	61	69	81	59	65	51	56	66	79	46	52	54	54	51	51	47	47
1,000 kWh	109	113	96	90	122	145	102	109	89	88	114	141	92	99	103	103	92	91	80	80
1,500 kWh	161	164	143	134	189	198	152	159	132	131	175	187	139	145	143	151	133	132	113	113
2,000 kWh	213	215	189	177	255	258	201	208	175	173	235	237	186	192	184	200	175	173	146	146
3,500 kWh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327	333	305	345	298	295	244	244

Lowest seasonally priced offering within a usage category

Highest seasonally priced offering within a usage category / season

Source: See Table Notes on pages 25 and 26.
Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

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Residential Bills Comparison Findings

As previously described under the Methodology section, two different approaches were used to determine representative values for residential customer bills. These methodologies were:

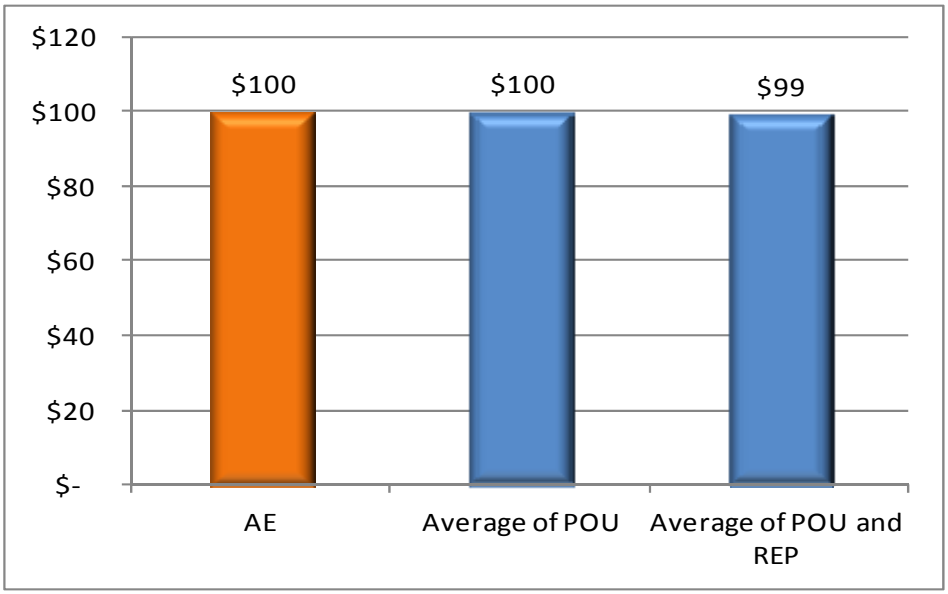
- PUCT data
- Published utility tariffs

In summary, at usage levels of 1,500 kWh or below, AE's residential electricity bills are similar to the other cities in Texas, including major metropolitan areas of Dallas, Houston, and San Antonio.

In comparison to the other cities included in this analysis, AE's residential bills are the most favorable at lower usage levels, particularly at 500 kWh monthly usage. This is due to AE's five tiered rate structure that provides a lower base rate for the first 500 kWh of monthly electricity usage.

Across the U.S., 1,000 kWh is generally viewed as the typical residential average monthly usage with residential usage in Texas averaging 1,168 kWh per month in 2012 according to the Department of Energy (DOE).[5] As such, Figure 7 provides a side-by-side comparison of representative monthly customer bills at the 1,000 kWh usage level over the time period of October 2012 through the first nine months of 2013.

Figure 7
Residential Monthly Bill Comparison at 1,000 kWh (October 2012 – September 2013)



[5] http://www.eia.gov/electricity/sales_revenue_price/

Along with the rate paid per kWh, the other determinate of how much each residential customer spends on electricity each month is their actual consumption of energy. As demonstrated in Figure 8, according to DOE's Energy Information and Administration (EIA) data, in 2012 AE's residential customers used an average of 933 kWh per month, substantially less than all other utilities in this study with the exception of San Marcos.

Figure 8
Average Monthly Usage (kWh)

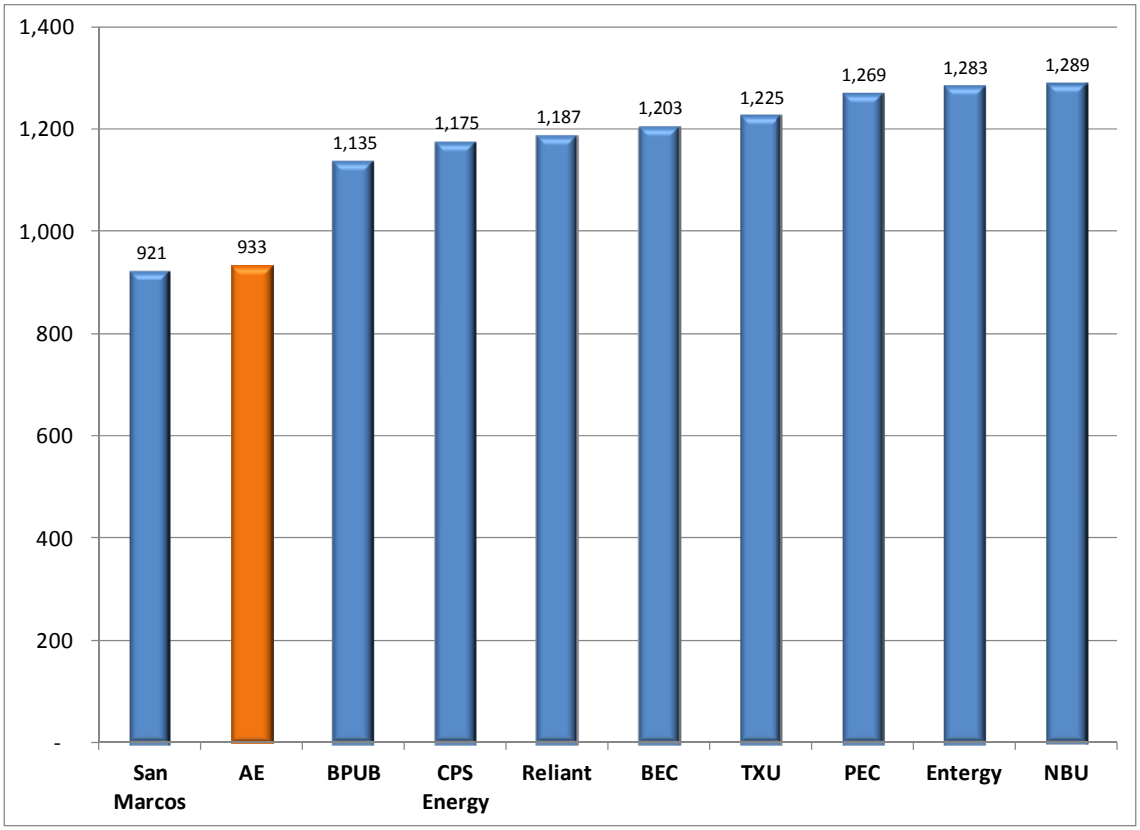
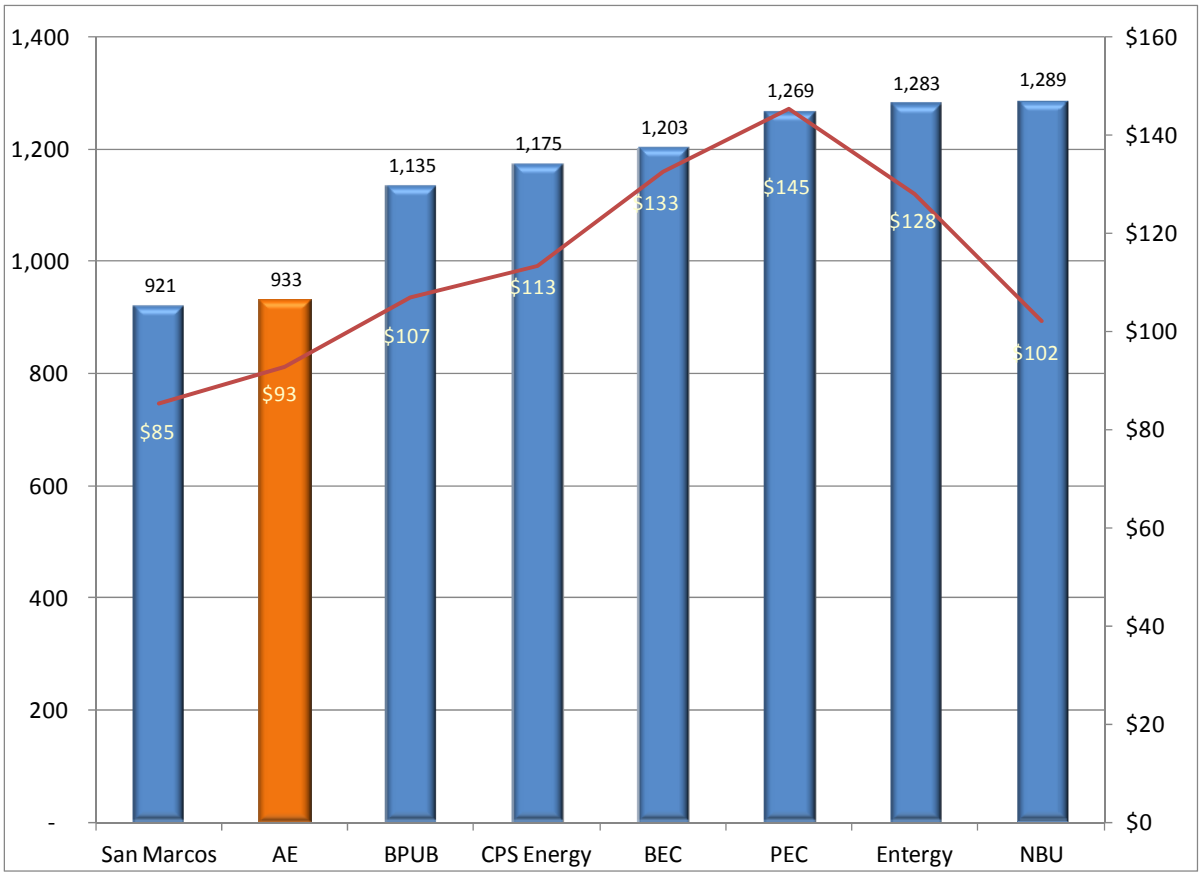


Figure 9 adds a depiction of the average customer kWh bill in each territory. Comparing average usage level in each territory demonstrates an important aspect of the total affordability picture in AE territory because its customers' average usage is significantly lower than almost any other area in the state. A simple comparison of rates ignores a key component of customers' bills, as the amount of the customers' bill is determined by the combination of usage and rates. The lower average usage in AE territory may be due to many factors but is likely due at least in part to the aggressive energy efficiency programs promoted by AE. As shown in Figure 9 (below), based on the combination of rate paid and actual monthly usage within each non-competitive market, San Marcos, AE and NBU's customers who use the market average electricity would have the lowest total monthly bills. Information for TXU and Reliant are not included in Figure 9, as bill data for REPs for this report came from PUCT data at specific usage levels (500 kWh, 1,000 kWh, etc.), not from tariff information. Extrapolating bills at other usage levels (such as

1,223 or 1,187 kWh) for these REPs would have required a different methodology than that used for the utilities in non-competitive markets, and as such that data would not have been directly comparable.

Figure 9
Average Monthly Usage & Associated Total Monthly Bill



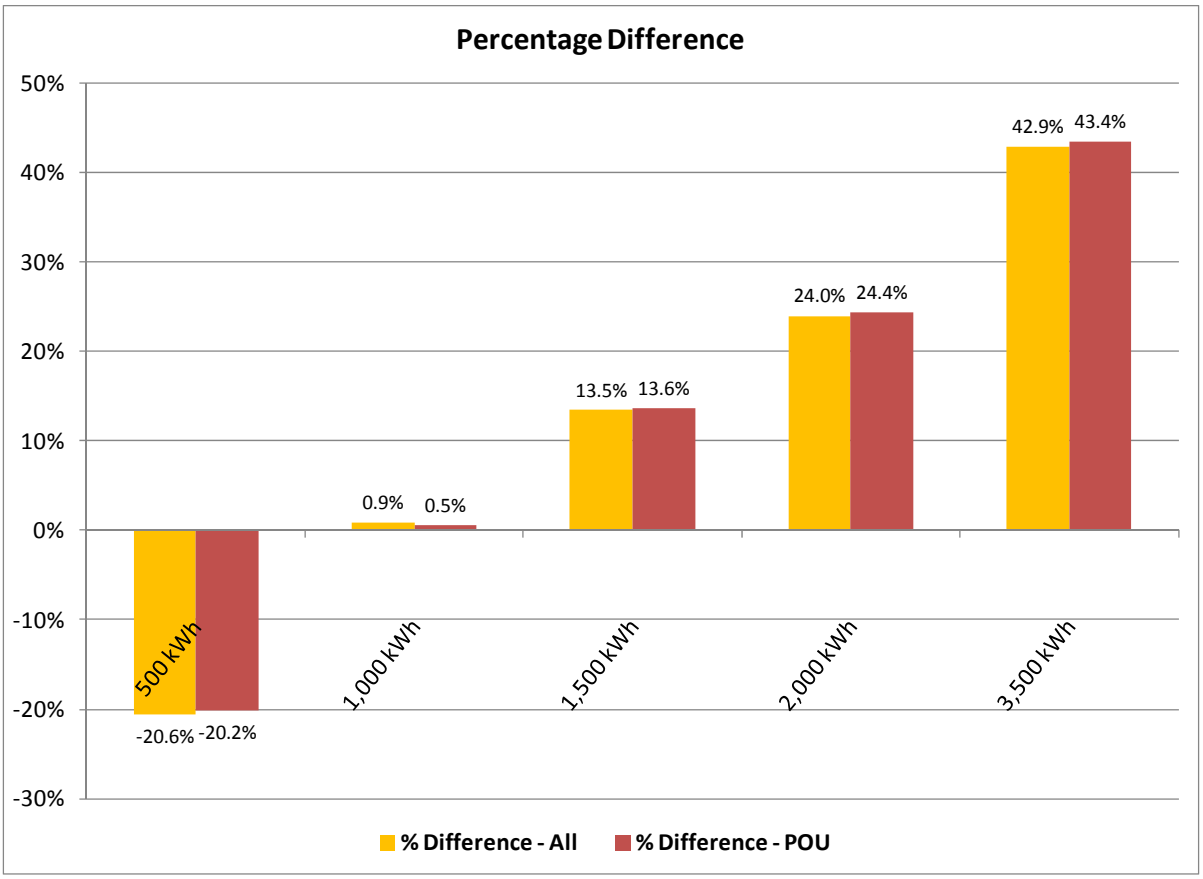
Residential Bills Conclusions

The findings of this analysis indicate that AE's residential monthly bills are comparable to bills from other electric providers in Texas at lower usage levels. The percentage difference between AE's bills and the average of the other utilities included in this comparison are shown in Figure 10. Details include:

- AE's representative bill for 500 kWh of monthly usage would have been almost 21 percent lower than the other utilities' average.
- At 1,000 kWh of usage, AE's bill would have been less than one percent higher than representative bills of all the other utilities or than the other publicly owned utilities.
- AE's bill at 1,500 kWh would have been approximately 14 percent higher than representative bills of other utilities or than the other publicly owned utilities.

- AE's bill at 2,000 kWh would have been approximately 24 percent higher than bills of other utilities included in the study.
- At an extremely high average usage level of 3,500 kWh, AE's bill would have been approximately 43 percent higher than representative bills of other utilities.
- Looking simply at these bill comparisons at predetermined usage levels does not tell the whole story of affordability in the AE territory, as average usage in the Austin area is substantially below most areas across the state.

Figure 10
Summary Comparison – Monthly Electricity Bill Averages



The results shown in Figure 10 (above) reflect AE's new five tier residential rate structure. AE followed several policy goals in designing the residential rates that went into effect in 2012. These goals included keeping rates and bills low for customers that exhibit average or below average monthly usage as well as providing strong pricing signals to high use customers to support conservation and implementation of energy efficiency measures.

Table Notes

[1] For the Retail Electric Providers, data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month of October, November and December of 2012 and the first nine months of 2013. This data is provided at four usage levels (500 kWh, 1,000 kWh, 1,500 kWh, and 2,000 kWh). Service offerings for which the respective "Electricity Facts Label" indicated fixed price service were included in the analysis. Variable and indexed price offering were not included in this analysis. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to imperfect knowledge of the offerings, replication of these results may be problematic.

The above "all-in" fixed prices reflect a monthly average of the fixed rate bills for each month of October 2012 through September 2013, respectively and totaled across the year in each of four TDSPs – Oncor Electric Delivery (formerly TXU), CenterPoint Energy Houston Electric (formerly Reliant Energy HL&P), AEP Texas Central (formerly Central Power and Light) and AEP Texas North (formerly West Texas Utilities) and divided by 12.

The "lowest" and "highest" data reflects the lowest and highest fixed rate price, respectively, each month of October 2012 through September 2013, totaled across the year and then divided by 12 to obtain an average lowest and highest monthly cost. Offerings using a naming convention that included the term green, pollution free, renewable, wind, or earthwise were classified as "renewable" offerings and are not included in this calculation.

For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill for each of the five usage levels (500 kWh, 1,000 kWh, 1,500 kWh, 2,000 kWh) and 3,500 kWh including fixed charges such as a monthly service fee and all applicable variable costs, based on data availability.

[2] BEC prices are based on a wholesale power charge of $0.072674/kWh and a service charge of $22.50, and a delivery charge of $0.023948/kWh. A Power Cost Recovery Factor (PCRF) of -$0.01/kWh was used for October 2012 through February 2013 and a PCRF of -$0.005/kWh was used for March 2013 through September 2013.

[3] PEC prices are based on a monthly customer charge of $22.50, plus a base power cost of $0.07208/kWh and a delivery charge of $0.03212/kWh. PEC prices include a Power Cost Adjustment of -$0.0080/kWh for October 2012 through January 2013 and -$0.0070/kWh for the months of February 2013 through September 2013.

[4] CPS Energy prices are based on a monthly customer charge of $8.25; an energy charge of $0.0668, a peak capacity charge of $0.0175 during the months of June through September 2013 for usage over 600 kWh per month; and an average Fuel and Regulatory Factor of $0.019765.

[5] BPUB price includes base rate of $0.04708/kWh for energy up to 500 kWh per month and a rate of $0.05479/kWh for all kWh over 500 per month; a monthly customer charge of $3.53 for October 2012 through March 2013 and $5.25 from April 2013 through September 2013; and a fuel adjustment factor which averaged = $0.0389 over the 12-month period.

[6] Entergy Texas prices based on Residential Service Rate Schedule effective October 29, 2012. Customer charge=$6.00 per month; Energy charge=$0.06296/kWh (except usage over 1,000 kWh during the winter is charged at $0.04722/kWh), Fuel adjustment factor= $0.0338496. Data came from the following url:
http://www.entergy-texas.com/content/price/tariffs/eti_rs.pdf

[7] City of San Marcos prices include a customer charge of $10.00; a base rate of $0.020/kWh; and an average of secondary Power Cost Recovery Factor (PCRF) of $0.061790/kWh over the 12-month period.

[8] NBU bill calculated using a customer service charge of $14.50; a base energy rate of $0.452 for the months of October 2012 through May 2013 (non-summer) and a base energy rate of $0.552 for the months of June through September 2013 (summer); a delivery charge of $0.0127/kWh ; and an average PCRA of $0.0068/kWh;

Glossary[6]

Commercial Customer: Includes businesses such as retail stores, restaurants, and educational institutions with a peak demand of 50 kW or more during any twelve month period. Small commercial customers may include businesses whose peak electric demand during any twelve month period is less than 50 kW.

Demand: The rate at which electric energy is delivered to or by a system at a given instant, or averaged over a designated period, usually expressed in kilowatt (kW) or megawatt (MW).

Department of Energy (DOE): A US federal agency established in 1977 which brings all major energy-related federal agencies under a single umbrella.

Electric Cooperative: (a) a corporation organized under the Texas Utilities Code, Chapter 161 or a predecessor statute to Chapter 161 and operating under that Chapter; (b) a corporation organized as an electric cooperative in a state other than Texas that has obtained a certificate or authority to conduct affairs in the state of Texas; or (c) a successor to an electric cooperative created before June 1, 1999, in accordance with a conversion plan approved by a vote of the members of the electric cooperative, regardless of whether the successor later purchases, acquires, merges with or consolidates with other electric cooperatives.

Electric Reliability Council of Texas (ERCOT): Refers to the independent organization and, in a geographic sense, refers to the area served by electric utilities, municipally-owned utilities, and electric cooperatives that are not synchronously interconnected with electric utilities outside the state of Texas.

Electric Utility: A person or river authority that owns or operates for compensation in this state equipment or facilities to produce, generate, transmit, distribute, sell, or furnish electricity in this state.

Energy Information and Administration (EIA): A US federal agency whose primary responsibility is management of statistics relating to energy production, use, and consequences.

Generation: Assets, activities and processes necessary and related to the production of electricity.

Industrial Customer: Includes factories or manufacturing plants and typically have the highest demand for electricity.

Kilowatt (kW): A measure of electrical power equal to 1,000 watts.

[6] Chapter 25. Substantive Rules Applicable to Electric Service Providers. Subchapter A. General Provisions. §25.5 Definitions. www.puc.state.tx.us
ERCOT online glossary: www.ercot.com/glossary
Window of State Government, online Energy Glossary: www.window.state.tx.us/specialrpt/energy/glossary
Energy Vortex Online Dictionary: www.energyvortex.com/energydictionary

Kilowatt hour (kWh): A quantitative measure of electric current flow equivalent to one thousand watts being used continuously for a period on one hour; the unit most commonly used to measure electrical energy, as opposed to kilowatt, which is simply a measure of available power.

Load: a) the amount of energy used per hour or kilowatt-hour or, b) the level of electricity demanded, typically measured in kilowatts or megawatts.

Municipally-Owned Utility: Any utility owned, operated, and controlled by a municipality or by a non-profit corporation whose directors are appointed by one or more municipalities.

Megawatt (MW): The electrical unit of power that equals 1 million Watts (1,000 kW).

Not-Opt In Entity (NOIE): An electric cooperative or municipally-owned utility that does not offer retail electric service customer choice.

Off-Peak Hours: All hours that are not on-peak, which end in 0700 to 2200 Central Pacific Time (CPT) from Monday through Friday excluding North American Electric Reliability Corporation (NERC) holidays.

On-Peak: Hours ending in 0700 to 2200 CPT from Monday through Friday excluding NERC holidays.

Public Utility Commission of Texas (PUCT): Formed in 1975 by the Legislature as a rate regulatory body, PUC now, since deregulation, oversees electric and telecommunications companies to ensure Texas consumers have access to competitive utility services. The PUC oversees competition in the wholesale and retail electricity and telecommunications markets, and regulates rates and services of non-competitive electric utilities and local exchange companies.

Rate: A compensation, tariff, charge, fare, toll, rental or classification that is directly or indirectly demanded, charged or collected by an electric utility for a service, product, or commodity.

Residential Customer: Include private households that utilize energy for such needs as heating, cooling, cooking, lighting, and small appliances.

Retail Electric Provider (REP): A person that sells electric energy to retail customers in this state.

Tariff: The schedule of a utility, municipally-owned utility or electric cooperative containing all rates and charges stated separately by type of service, the rules and regulations of the utility, and any contracts that affect rates, charges terms or conditions of service.

Transmission and/or Distribution Service Provider (TDSP): An Entity that is a TSP, a DSP or both, or an Entity that has been selected to own and operate Transmission Facilities and has a PUCT approved code of conduct.

Austin Energy Affordability Benchmarking Study Update
Evaluation of Electricity Rates and Bills

Commercial and Industrial Bill Comparisons
Final Report

December 2013

Austin Energy Affordability Benchmarking Study Update
Evaluation of Electricity Rates and Bills

Commercial and Industrial Bill Comparisons Report

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions and observations contained herein attributed to Leidos Engineering, LLC (Leidos), constitute the opinions of Leidos. To the extent that statements, information and opinions provided by the client or others have been used in the preparation of this report, Leidos has relied upon the same to be accurate and for which no assurances are intended and no representations or warranties are made. Leidos makes no certification and gives no assurances except as explicitly set forth in this report.

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Executive Summary

In 2013, Austin Energy (AE) retained Leidos Engineering, LLC (Leidos) and ReSolved Energy, LLC (Leidos Team) to conduct an analysis of AE customer electricity bills compared to electricity bills of customers of other utilities in Texas. This report contains the findings made by the Leidos Team related to the pricing of electricity for commercial and industrial customers and fundamentally replicates a study conducted in 2010 on behalf of AE.

The current study provides information for the October 2012 through September 2013 time frame. This time period was chosen as it incorporates the first full year of AE's rate increase that went into effect October 1, 2012.

The Leidos Team used publicly available data sources to obtain information on electricity bills in eight cities and/or electricity market areas in Texas. Sources included:

- For electric utility service providers not currently participating in retail choice, published tariff rates were used to calculate a representative monthly bill for 12 combinations of usage and load factor levels
- Department of Energy, Energy Information Administration (EIA) Form 861 data which includes self-reported information on sales (megawatt hours), revenue and number of customers.

Limitations on Availability of Comparative Data

Leidos' mission for this study was to compare AE customer electricity bills with customer electricity bills in selected cities across the state. Major challenges exist in comparing electricity bills in different regions. In the competitive areas of Texas, energy service is provided by competitive firms via private contracts between the supplier and the customer. The terms of these contracts are typically confidential. For this reason, it is extremely difficult to gain access to actual bills and contract provisions for the competitive areas of the state. There is no publicly available data set or survey that can be used to compare electricity bills. Since each individual customer may be served under unique terms, knowing the terms and prices of a few customers may not be representative of actual energy prices in the broader market.

In the regulated portions of the state—those served by municipal utilities such as AE, by cooperative utilities, and the non-Electric Reliability Council of Texas (ERCOT) portions of the state—utility rates are based on tariffs adopted by regulating authorities, for example city councils. These tariffs include all the costs of providing electric service. However, many factors come into play for these utilities in setting rates and tariffs. These factors include the service territory location within ERCOT, the type and characteristics of the mix of customers in the territory, the strategic aspirations of the utility owners, power supply characteristics including

fuel mix and age of assets, and others. The reader should also recognize this comparison is a snapshot of a point in time or period of time and some utilities are in the process of changing tariffs which could change their comparative position within this group. For example, several utilities included in this study have recently passed rate increases:

- The City Council of San Marcos passed an ordinance in September 2013 to increase the amount it charges for electricity by four percent effective in October 2013.
- The City Council of San Antonio recently approved an increase in electricity rates of approximately 4.25 percent that will go into effect February 1, 2014 for CPS Energy customers. CPS Energy expects to ask for 9.75 percent in additional increases in the next five years.

Leidos also calculated monthly representative electricity bills for AE's commercial and industrial customer bills. Leidos used AE rates schedules specified by AE to calculate the representative monthly bills at numerous demand and load factors and our calculations validate AE's prices reported to the Public Utility Commission of Texas (PUCT).

Characterizing Commercial and Industrial Retail Market Segments

The charter for Leidos was to compare AE customer electricity bills with customer bills in selected cities across the state. Utilities typically classify customers into groups with similar electric service characteristics such as:

1. Residential customers: Includes private households that utilize energy for such needs as heating, cooling, cooking, lighting and small appliances.
2. Small commercial customers: Includes businesses whose peak electric demand during any twelve-month period is less than 10 kilowatt (kW).
3. Medium sized commercial customers: Includes businesses such as retail stores, restaurants and educational institutions with a peak demand of 50 kW during any twelve month period.
4. Large commercial customers: Includes businesses such as large grocery stores, large hotels, and hospitals with a peak demand that doesn't exceed 1MW during any twelve month period.
5. Primary commercial customers: Includes businesses with a peak demand that does not exceed 3 MW.
6. Industrial customers: Includes factories or manufacturing plants and typically have the highest demand for electricity.

Definitions of residential, commercial and industrial customers vary slightly from one electricity provider to the next. For example, AE typically classifies its *small* commercial customers as those customers with 10 kW load or less. These customer classifications provide a general description of what is commonly used in the industry, and pricing terms for a particular type of customer in one region are appropriately compared to similar customers in other regions or territories. Of these four classifications of customers, electric providers generally view

commercial and industrial customers considerably differently than residential customers. This study addresses the commercial and industrial (C-I) electricity market segment. The residential electricity market segment is described in a separate companion study within this report. Characteristics of commercial and industrial customers that set them apart from residential customers include greater electricity usage (higher loads), more sophistication in knowledge of electricity markets and physical equipment, additional requirements such as power quality, and the need for varying commercial terms in power supply contracts.

The most basic differentiation between "commercial" and "industrial" customers is in electricity usage or "load." More specifically, load can be: a) the amount of energy used per hour, measured in kilowatt hours (kWh); or, b) the level of electricity demanded, measured in kW. Industrial customers require more electricity than commercial customers and therefore represent larger loads to be served by an electricity provider.

Definitions of commercial and industrial loads are not standard or universal. AE does not classify C-I customers using the same exact definition as CPS Energy or other electricity providers. In its 2012 rate proceeding, AE reduced its commercial and industrial rate classes into three secondary classes and two primary classes. While these distinctions make sense for AE given the characteristics of its commercial and industrial customer base, these classes are not shared by other utilities. Table ES-1, provided by AE, shows how AE's C-I customers can be grouped by load size and the typical types of businesses or organizations that fall into each category.

Table ES-1
Austin Energy Commercial and Industrial Examples by Rate

Commercial Segmentation				Industrial
Secondary Service			Primary Service	
Small **0-10 kW**	**Medium** **10-50 kW**	**Large** **50 kW - 1 MW**	**Primary** **< 3 MW**	**Industrial** **> 3 MW**
Animal Clinic	Animal Hospital	Airport	Hospitals	Large Data Center
Book Store	Appliance Store	Large Auto Repair Garage	Medium Manufacturing	Semi-conductor Manufacturing
Cell Tower Transmitter	Auto Parts Store	College	Regional HQ	
Chiropractor	Small Auto Repair Garage	Convention Center	Office High Rise	
Dry Cleaner Storefront	Convenience Store	Correctional Facility	Commercial Laundry	
Gas Station	Commercial Warehouse	Department Store		
Insurance Office	Credit Union	Large Dry Cleaner		
Nail Salon	Small Dry Cleaner	Hospital or ER Center		
Repair shop	Fast Food Restaurant	Large Church		
Small Church	Insurance Office	Large Grocery		
Small Office	Large School	Large Hotel		
Small School	Mid-sized church	Large Restaurant		
Tatoo Parlor	Office	Medium Manufacturing		
Travel Agency	Parking Garage	Commercial Kitchen		
	Pharmacy	Office Building		
	Police or Fire Station	Police or Fire Station		
	Radio/TV station	Printing Shop		
	Salon and Spa	School		
	Small Hotel	Office Supply Store		
	Small Manufacturing	Day Care Center		

Source: Austin Energy

Electricity load groups such as those shown in Table ES-1 help to determine what rate a C-I customer will be charged for electricity. For the regulated utilities, like municipally-owned utilities, these rates are published as tariffs. Tariff terms are typically fixed and the same terms are available to any comparable customer. For AE, the base tariff was updated in October 2012 after remaining fixed for nearly 17 years, while the fuel factor was typically adjusted annually. Thus, the best comparisons against AE's rates are offers of a fixed price and term.

Load factor is a key driver of electricity rates in regulated territories. A high load factor customer, such as a grocery store with refrigeration that operates 24 hours per day seven days per week, may receive a lower price per kWh than a lower load factor customer because the utility's fixed costs are being spread over more kWh of output to serve this type of customer. An example of a lower load factor customer is an office building that uses most of its energy Monday through Friday from 8 AM to 5 PM. Utilities have traditionally built generation to meet the highest need on its system (peak load or peak demand). It is often expensive to serve a customer that has variable energy needs because generating resources built to serve peak load are typically higher cost resources and operate fewer hours of the year over which costs can be recovered. Utilities typically incur higher costs to serve low load factor customers.

Another distinction between commercial and industrial customers is the voltage at which they are served. Commercial customers frequently receive electric service via the distribution system while industrial customers may receive their electric service via the transmission system. The distribution system in Texas is defined to be a line that carries less than 69 kilovolts (kV). The distribution system is used to distribute power drawn from high-voltage transmission systems to end-use customers. Transmission service is carried over lines with voltages at 69 kV and higher. Industrial customers who receive transmission service frequently own the step-down transformer, meaning that the Transmission and Distribution Service Provider (TDSP) incurs lower costs to serve transmission level customers. This cost difference is frequently reflected in the rate charged.

Commercial and Industrial customer classifications vary with each electricity provider. In the study conducted in 2010, Leidos standardized customer classifications and used 16 load/size factor classifications for the bill comparison. In 2012, AE restructured its commercial and industrial rates. For the bill comparison presented in this report, Leidos selected 12 load/size factor combinations that are in alignment with AE's restructured rates. All comparison tables show a variety of customer sizes, from as small as a 5 kW commercial load to an extremely large 25 MW customer. These tables also show that the Leidos Team estimated prices for two different load factors for each load level. These different load factors are important because the load factor differentiates one dimension in the costs of providing service to a customer—whether the customer has a predictable, steady load level, or whether the customer has a highly variable load level, and is therefore more expensive to serve. Though we report comparative results for each of these 12 combinations of load and load factor, Leidos cannot emphasize enough that the particular characteristics of each customer will dictate what type of service contract is appropriate for a customer.

The pricing features described herein make comparing customer bills across Texas quite complex. For this study, Leidos started with AE's groupings for C-I customers and sought to match customer bill information for other providers, either reported or calculated, with AE's C-I customer categories. The comparative information consists of calculated bills representative of customers in the targeted study cities and information derived from applicable published utility and industry information.

Benchmarked Service Providers

Leidos conducted a comparison of calculated AE customer electricity bills with calculated customer electricity bills in selected non-competitive communities across the state.

Table ES-2 displays the city/metropolitan areas included in our analysis and the corresponding utility provider in non-competitive market areas of Texas.

Table ES-2
Electric Service Providers by City

City	Electric Service Provider or Territory
Austin	Austin Energy (AE)
Beaumont	Entergy Texas
Brownsville	Brownsville Public Utilities Board (BPUB)
Cedar Park	Pedernales Electric Cooperative (PEC)
Elgin	Bluebonnet Electric Cooperative (BEC)
New Braunfels	New Braunfels Utilities (NBU)
San Antonio	CPS Energy
San Marcos	City of San Marcos Utility Service (San Marcos)

AE's calculated electricity bills based on published tariffs were compared across the 12 demand and load factor levels with electricity bills calculated for seven electric utility providers in non-competitive areas of Texas. Published tariff rates for these utilities were used to calculate a representative bill for each of the 12 demand and load factor levels. This bill calculation included fixed charges such as a monthly service fee and all applicable variable costs, based on data availability.

Leidos also presented comparisons between AE tariff-calculated electricity bills with information published by the Electric Division of the PUCT. This information provides a commercial monthly electric bill comparison based on data collected from various utilities in markets within Texas that are not yet open to competition. The data is limited to utilities who participate in the

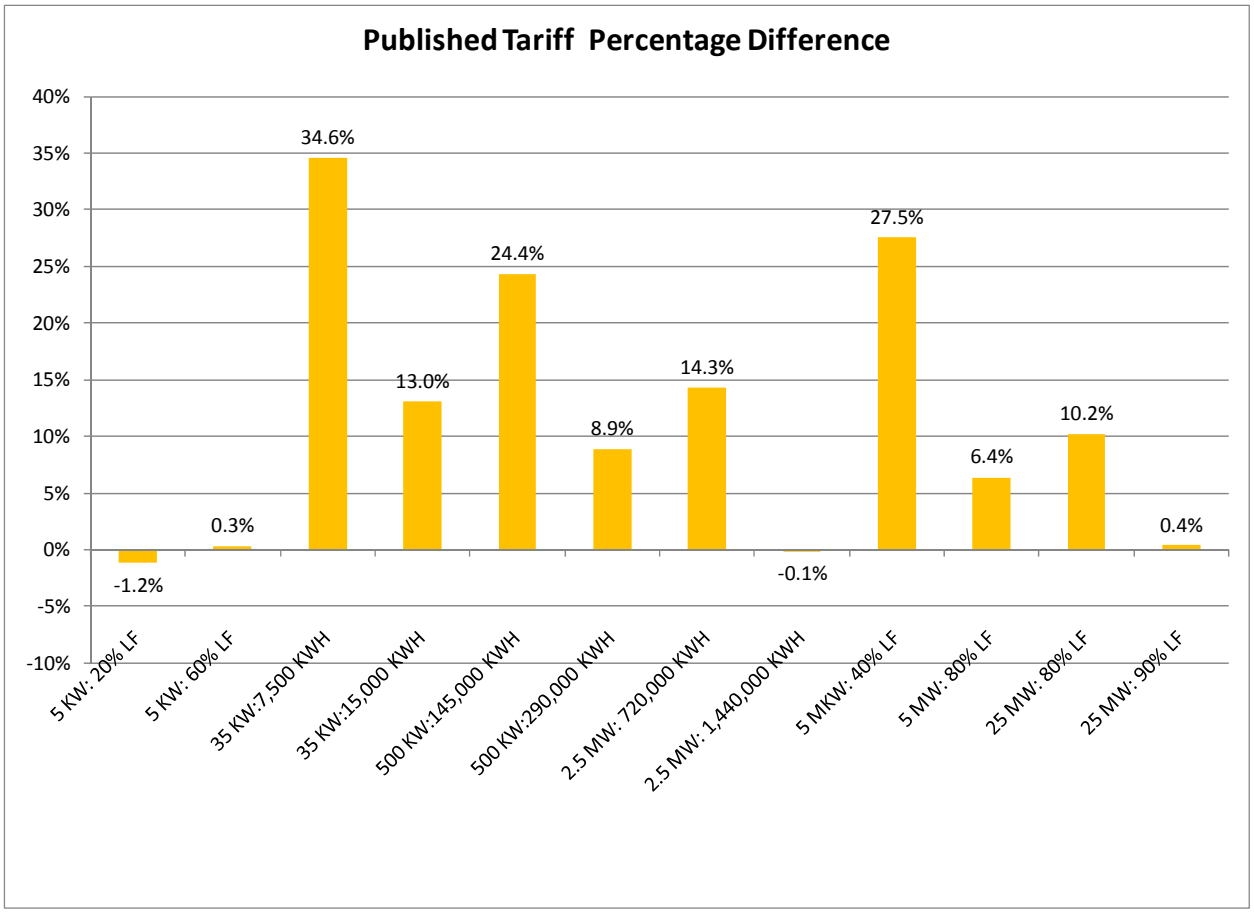
survey and computations are provided by each participating utility; hence this analysis was limited to available data. Each utility calculates a typical customer's bill for a total of eight demand/load factor usage levels based on their internal rate tariff.

This study also presents EIA based data. This EIA data cannot be used to estimate electricity bills for specific customer classifications of load and load factor. This data is self-reported by utilities at an aggregated level, so only provider-by-provider averages can be used, and even those comparisons should be conducted carefully.

AE Comparative Results

AE's estimated electricity bills compared to bills estimated using published tariff information tend to be higher at certain size and load factors. AE's estimated bills are lower than the other utility average at 5 kW - 20 percent load factor and 2.5 MW – 1,440,000 kWh, and essentially equal to the average at 5 MW at a 60 percent load factor and 25 MW at a 90 percent load factor, as illustrated in Figure ES-1.

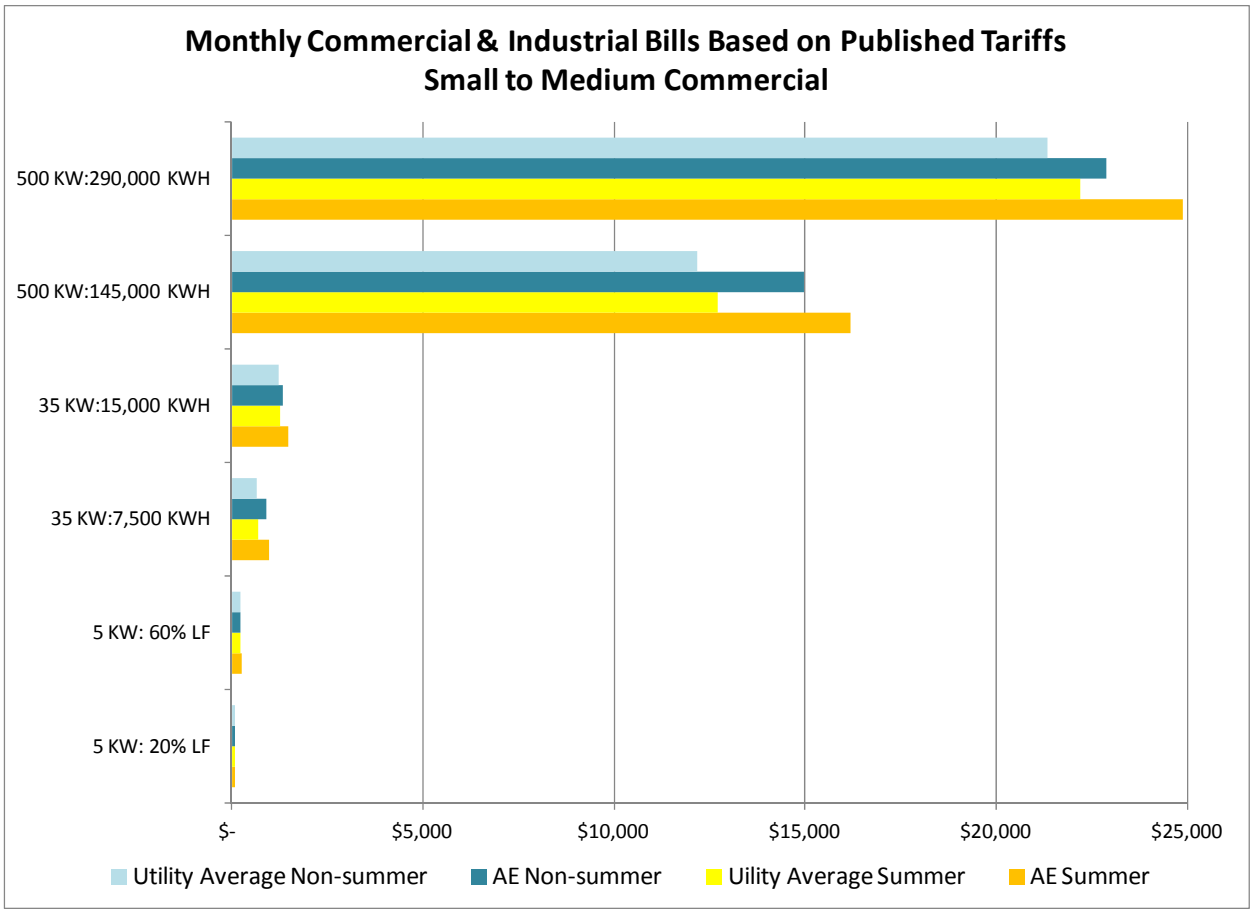
Figure ES-1:
AE Bills and Utility Monthly Electricity Bill Averages Summary Comparison
Published Tariff Methodology – October 2012 – September 2013



As expected, electricity bills calculated using published tariffs from a selected group of electric cooperatives and municipal utilities exhibit considerable variability. Many factors come into consideration for these utilities in setting rates and tariffs. Factors include the service territory location within ERCOT, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, the mix of types of commercial and industrial customers and the manner in which the utility classifies its customers into rate classes, among others. The reader should also recognize that this comparison is a snapshot of one point in time or period of time and some utilities are in the process of changing tariffs which could ultimately change their comparative position within this group.

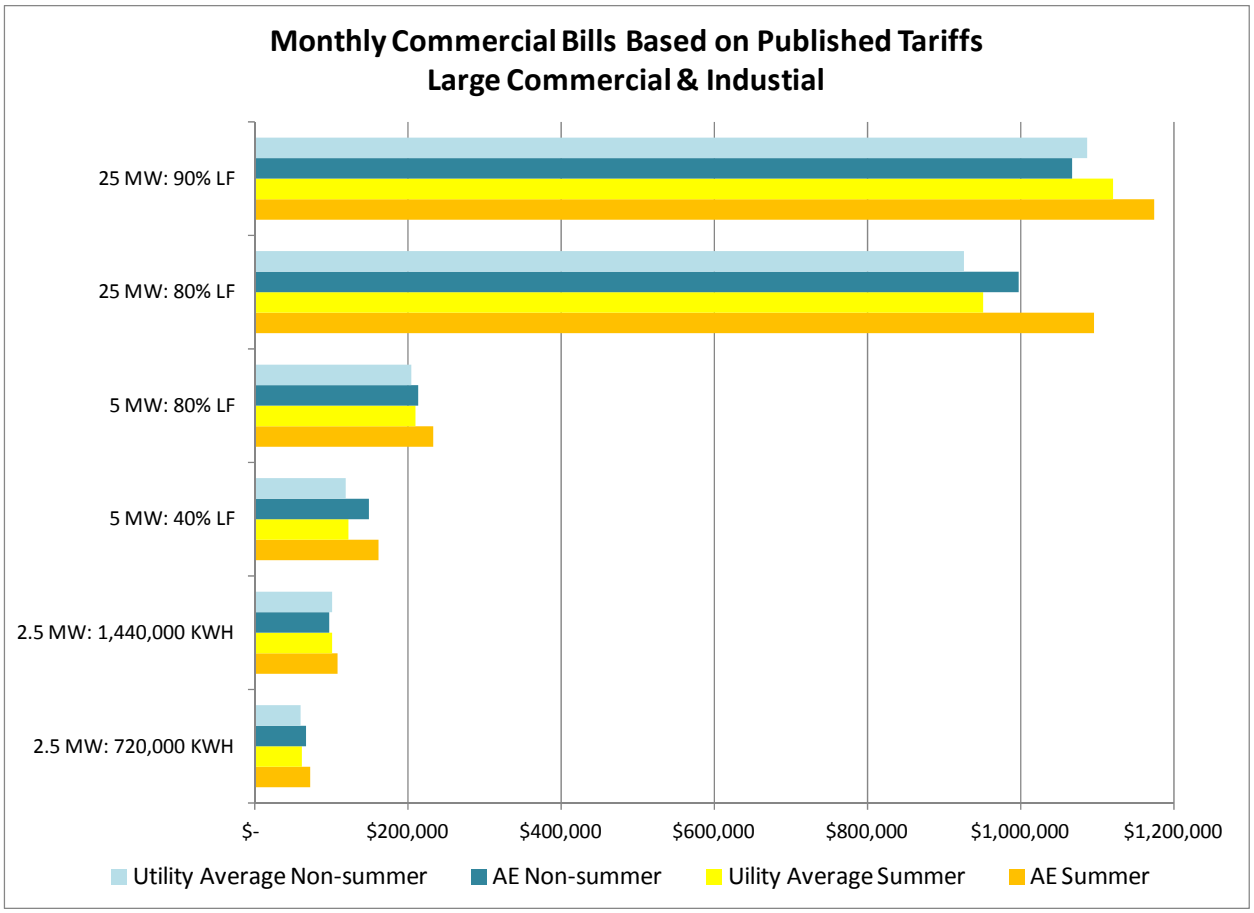
The published tariffs electricity bill comparison compares calculated AE electricity bills to other electricity bills using published public utility tariff information for the period of October 2012 through September 2013, as illustrated in Figures ES-2 and ES-3.

Figure ES-2:
Published Tariffs Bill Comparison – Small to Medium Commercial
October 2012 – September 2013



Source: Table 4 of this Report

Figure ES-3:
Published Tariffs Bill Comparison–Large Commercial to Industrial –
October 2012 – September 2013



Source: Table 4 of this Report

The rate comparison analysis contained within this study demonstrates that electricity bills calculated using AE's published tariffs and existing contract rates are higher than the comparison utilities at certain usage and load levels. This statement applies to pricing arrangements that are similar to AE's electricity pricing terms. That is, pricing arrangements that can be categorized as "low risk, fixed term." Lower pricing arrangements are available in the Texas market, but such arrangements will be higher risk, variable-term arrangements. As such, those arrangements are not similar to AE's tariff-based pricing.

While AE's rates are substantially higher than the comparison utilities at low load factors, results show a good alignment with AE's rate design objectives of incentivizing higher load factors. For example, bills calculated at AE's new tariff for *Secondary Service 50 KW and above*, for a 500 kW customer are approximately 24 percent higher than the other utilities at usage levels of 145,000 kWh (~ 40 percent load factor), but only about nine percent higher at usage of 290,000 kWh (~ 80 percent load factor).

Austin Energy Affordability Benchmarking Study Update
Evaluation of Electric Rates and Bills

Commercial and Industrial Rate Classes Comparisons
Final Report

December 2013

Austin Energy Affordability Benchmarking Study Update
Evaluation of Electric Rates and Bills

Commercial and Industrial Bills Comparisons
Final Report

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions and observations contained herein attributed to Leidos Engineering, LLC (Leidos) constitute the opinions of Leidos. To the extent that statements, information and opinions provided by the client or others have been used in the preparation of this report, Leidos has relied upon the same to be accurate and for which no assurances are intended and no representations or warranties are made. Leidos makes no certification and gives no assurances except as explicitly set forth in this report.

Introduction

AE retained Leidos Inc. and ReSolved Energy, LLC (Leidos Team) to update the 2008 Affordability Benchmarking study. This study developed a method for which AE rates could be fairly evaluated against the financial impact on AE's customers. In this study, the measure of affordability is defined as the comparison of AE customers' electricity bills with those of customers of other utilities serving similar loads or demand in similar metropolitan areas within Texas.

Limitations on Availability of Comparative Data

Leidos' mission for this study was to compare AE customer electricity bills with customer electricity bills in selected cities across the state. Major challenges exist in comparing electricity bills in different regions. In the competitive areas of Texas, energy service is provided by competitive firms via private contracts between the supplier and the customer. The terms of these contracts are typically confidential. For this reason, it is extremely difficult to gain access to actual bills and contract provisions for the competitive areas of the state. There is no publicly available data set or survey that can be used to compare electricity bills. Since each individual customer may be served under unique terms, knowing the terms and prices of a few customers may not be representative of actual energy prices in the broader market.

- In the regulated portions of the state—those served by municipal utilities like AE, by cooperative utilities, and the non-Electric Reliability Council of Texas (ERCOT) portions of the state—utility rates are based on tariffs adopted by regulating authorities, for example city councils. These tariffs include all the costs of providing electric service. However, many factors come into play for these utilities in setting rates and tariffs. These factors include the service territory location within ERCOT, the type and characteristics of the mix of customers in the territory, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, the manner in which the utility classifies its customers into rate classes, and others. The reader should also recognize this comparison is a snapshot of a point in time or period of time and some utilities are in the process of changing tariffs which could change their comparative position within this group. Examples of future rate changes that have not been captured in this study include:
    - The City Council of San Marcos passed ordinance 2013-50 in September 2013 to increase the customer charge, energy charge and demand charge, as applicable, by four (4) percent effective in October 2013.
    - In November 2013, the City Council of San Antonio approved an increase in electricity rates of approximately 4.25 percent that will go into effect February 1, 2014 for CPS Energy customers. CPS Energy has indicated it expects to need an additional 5.25 percent increase in 2016 and a 4.5 increase in 2018.

Leidos also calculated monthly representative electricity bills for AE's commercial and industrial customer bills. Leidos used AE rates schedules specified by AE to calculate the representative monthly bills at numerous demand and load factors and our calculations validate AE's prices reported to the Public Utility Commission of Texas (PUCT).

Components of a Retail Electricity Bill

In the non-ERCOT portions of Texas and in the areas of the state served by municipal and cooperative utilities, utility rates are based on tariffs approved by regulating authorities, such as city councils. Those tariffs include all the costs of providing electric service.

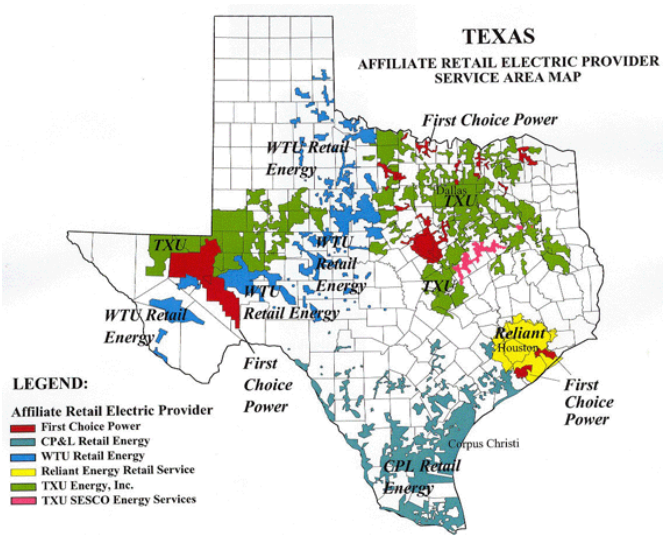
The Leidos Team used published tariffs to compute hypothetical electricity bills for customers of different sizes and usage patterns (characteristics referred to in the electric industry as "load profiles" or "load factors"). While computed electricity bills are presented for 12 different customer size and load profile classes, comparing electricity bills across these regulated utilities is not a straight forward exercise. For example, while results are presented for each regulated utility at 25 MW—an extremely large customer—some utilities may have no customers of this size. Where a customer of this type seeks service, an entirely new rate may be developed, thus the rate used to estimate a customer's bill may not be truly representative of what that entity would charge a customer with those characteristics. The customer mix may differ dramatically in these different territories. And governing bodies, such as city councils and cooperative boards, may use their rate approval authority to pursue a variety of public policy objectives.

In summary, for municipally-owned utilities and electric cooperatives, rates are based on published tariffs, but differences in customer mix, usage patterns, and policy objectives may create variability in electricity bill comparisons.

Functioning of the Texas Electric Industry

In 2002, Senate Bill 7 opened portions of the Texas electric utility industry to retail competition and customer choice. As a result, customers in areas serviced by investor-owned utilities (IOUs) were given the opportunity to choose and purchase electricity from Retail Electric Providers (REPs). The following figure illustrates the areas in Texas open to electric retail competition.

Figure 1[1]:
Texas Retail Electric Provider Service Area Map



Municipal and electric cooperatives utilities retain their exclusive right to provide electric service within their territories.

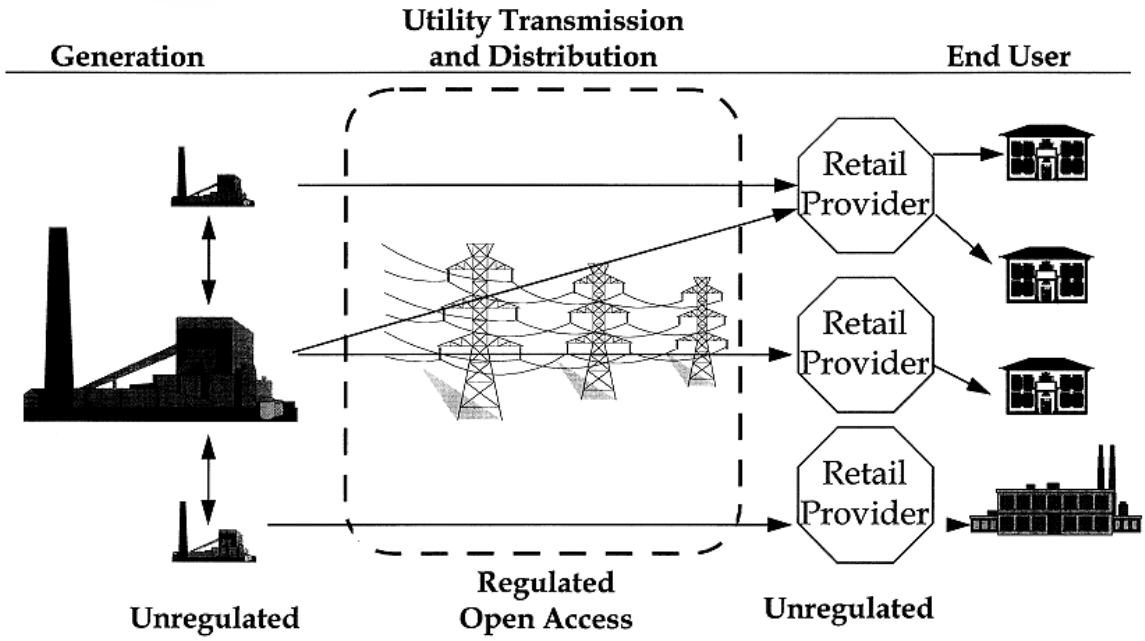
The restructuring of the industry required that the electric utilities unbundle themselves as separate business functions including:[2]

- Generation companies - businesses that produce electricity in Texas from a number of resources including natural gas, coal, nuclear power, wind, water and solar energy.
- Transmission and distribution companies – businesses responsible for the actual delivery of the electricity over the poles and wires to the ultimate electricity customer. The PUCT regulates the rates of these companies.
- Retail Electric Providers – companies that are certified by the PUCT to sell electricity to end use customers.

[1] 2008 Texas Nodal Market Guide published by the Electric Reliability Council of Texas.
[2] Descriptions based on the "Power to Choose" website: www.powertochoose.org. Information provided by the Public Utility Commission of Texas.

Figure 2 illustrates how the electricity market in Texas is structured.

Figure 2:
Texas Electric Market



In deregulated territories, the wires company retains an exclusive right to provide wires delivery services to end use customers, while the REP sells electricity services directly to customers.

Another key participant in the deregulated electric industry is ERCOT, which serves as the independent system operator that administers and maintains the reliability of the state's electrical power grid. ERCOT manages the flow of electric power to 23 million Texas customers, representing 85 percent of the state's electric load. ERCOT schedules power on the Texas grid connecting 40,500 miles of transmission lines and more than 550 power generation units. ERCOT also performs financial settlements for electricity production and delivery in the wholesale market.

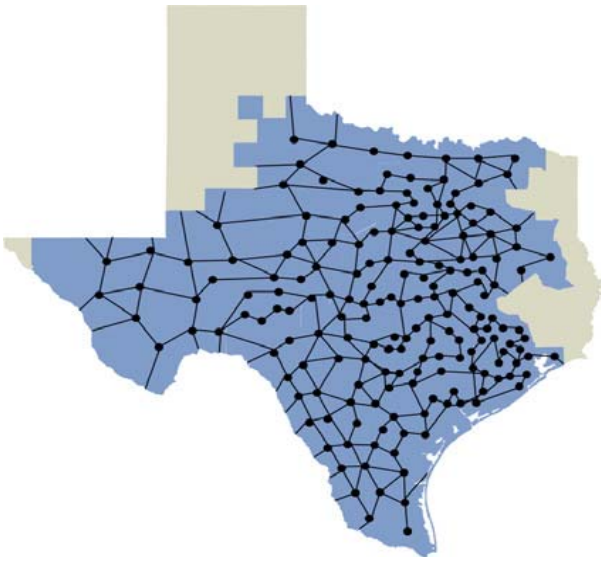
ERCOT's Market Design

In December 2010, ERCOT transitioned from a Zonal Market to a Nodal Market design. When this study was first conducted in the fall of 2010, ERCOT was operating under the Zonal Market and electricity was traded in four large regions, or zones. For every hour of every day, ERCOT operated an electricity exchange in each of these four zones and would set the market clearing price for electricity in each of the 15 minute intervals of the next hour.

Under the Nodal Market, ERCOT calculates unique prices every five minutes at every generator and major off take point across the grid (see Figure 3 for a high level illustration of pricing

points). These prices will then reflect both the costs of power production and the embedded congestion cost associated with that point (or "node").

Figure 3[3]:
Texas Nodal Market



Characterizing Commercial and Industrial Market Segments

The charter for Leidos was to compare AE customer electricity bills with customer bills in selected cities across the state. Utilities typically classify customers into groups with similar electric service characteristics such as:

1. Residential customers: Includes private households that utilize energy for such needs as heating, cooling, cooking, lighting and small appliances.
2. Small commercial customers: Includes businesses whose peak electric demand during any twelve-month period is less than 10 kilowatts (kW).
3. Medium sized commercial customers: Includes businesses such as retail stores, restaurants and educational institutions with a peak demand of 50 kW during any twelve month period.
4. Large commercial customers: Includes businesses such as large grocery stores, large hotels, and hospitals with a peak demand that does not exceed 1 MW during any twelve month period.
5. Primary commercial customers: Includes businesses with a peak demand that does not exceed 3 MW.
6. Industrial customers: Includes factories or manufacturing plants and typically have the highest demand for electricity.

[3] ERCOT Nodal Market Guide v3.0.

Definitions of residential, commercial and industrial customers vary slightly from one electricity provider to the next. For example, AE typically classifies its *small* commercial customers as those customers with 10 kW load or less. These customer classifications provide a general description of what is commonly used in the industry, and pricing terms for a particular type of customer in one region are appropriately compared to similar customers in other regions or territories. Of these classifications of customers, electric providers generally view commercial and industrial customers considerably differently than residential customers. This study addresses the commercial and industrial (C-I) electricity market segment. The residential electricity market segment is described in a separate companion study within this report. Characteristics of commercial and industrial customers that set them apart from residential customers include greater electricity usage (higher loads), more sophistication in knowledge of electricity markets and physical equipment, additional requirements such as power quality, and the need for varying commercial terms in power supply contracts.

The most basic differentiation between "commercial" and "industrial" customers is in electricity usage or "load." More specifically, load can be: a) the amount of energy used per hour, measured in kilowatt hours (kWh); or, b) the level of electricity demanded, measured in kW. Industrial customers require more electricity than commercial customers and therefore represent larger loads to be served by an electricity provider.

Definitions of commercial and industrial loads are not standard or universal. AE does not classify C-I customers using the same exact definition as CPS Energy or other electricity providers. Table 1, provided by AE, shows how AE's C-I customers can be grouped by load size and the typical types of businesses or organizations that fall into each category.

Table 1
Austin Energy Commercial and Industrial Examples by Rate

Commercial Segmentation				Industrial
Secondary Service			Primary Service	
Small **0-10 kW**	**Medium** **10-50 kW**	**Large** **50 kW - 1 MW**	**Primary** **< 3 MW**	**Industrial** **> 3 MW**
Animal Clinic	Animal Hospital	Airport	Hospitals	Large Data Center
Book Store	Appliance Store	Large Auto Repair Garage	Medium Manufacturing	Semi-conductor Manufacturing
Cell Tower Transmitter	Auto Parts Store	College	Regional HQ	
Chiropractor	Small Auto Repair Garage	Convention Center	Office High Rise	
Dry Cleaner Storefront	Convenience Store	Correctional Facility	Commercial Laundry	
Gas Station	Commercial Warehouse	Department Store		
Insurance Office	Credit Union	Large Dry Cleaner		
Nail Salon	Small Dry Cleaner	Hospital or ER Center		
Repair shop	Fast Food Restaurant	Large Church		
Small Church	Insurance Office	Large Grocery		
Small Office	Large School	Large Hotel		
Small School	Mid-sized church	Large Restaurant		
Tatoo Parlor	Office	Medium Manufacturing		
Travel Agency	Parking Garage	Commercial Kitchen		
	Pharmacy	Office Building		
	Police or Fire Station	Police or Fire Station		
	Radio/TV station	Printing Shop		
	Salon and Spa	School		
	Small Hotel	Office Supply Store		
	Small Manufacturing	Day Care Center		

Source: Austin Energy

Electricity load groups such as those shown in Table 1 help to determine what rate a C-I customer will be charged for electricity. For the regulated utilities, such as municipally-owned utilities, these rates are published as tariffs. Tariff terms are typically fixed and the same terms are available to any comparable customer. For AE, the base tariff was updated in October 2012 after remaining fixed for nearly 17 years, while the fuel factor was typically adjusted annually. Thus, the best comparisons against AE's rates are offers of a fixed price and term.

Load factor is a key driver of electricity rates in regulated territories. A high load factor customer, such as a grocery store with refrigeration that operates 24 hours per day seven days per week, may receive a lower price per kWh than a lower load factor customer because the utility's fixed costs are being spread over more kWh of output to serve this type of customer. An example of a lower load factor customer is an office building that uses most of its energy Monday through Friday from 8 AM to 5 PM. Utilities have traditionally built generation to meet the highest need on its system (peak load or peak demand). It is often expensive to serve a customer that has variable energy needs because generating resources built to serve peak load are typically higher cost resources and operate fewer hours of the year over which costs can be recovered. Utilities generally incur higher costs to serve low load factor customers.

Another distinction between commercial and industrial customers is the voltage at which they are served. Commercial customers frequently receive electric service via the distribution system while industrial customers may receive their electric service via the transmission system. The distribution system in Texas is defined to be a line that carries less than 69 kilovolts (kV). The distribution system is used to distribute power drawn from high-voltage transmission systems to end-use customers. Transmission service is carried over lines with voltages at 69 kV and higher. Industrial customers who receive transmission service frequently own the step-down transformer, meaning that the TDSP incurs lower costs to serve transmission level customers. This cost difference is frequently reflected in the rate charged.

Commercial and Industrial customer classifications vary with each electricity provider. In the study conducted in 2010, Leidos standardized customer classifications and used 16 load/size factor classifications for the bill comparison. In 2012, AE restructured its commercial and industrial rates. For the bill comparison presented in this report, Leidos selected 12 load/size factor combinations that are in alignment with AE's restructured rates. All comparison tables show a variety of customer sizes, from as small as a 5 kW commercial load to an extremely large 25 MW customer. These tables also show that we estimated prices for two different load factors for each load level. These different load factors are important because the load factor differentiates one dimension in the costs of providing service to a customer—whether the customer has a predictable, steady load level, or whether the customer has a highly variable load level, and is therefore more expensive to serve. Though we report comparative results for each of these 12 combinations of load and load factor, Leidos cannot emphasize enough that the particular characteristics of each customer will dictate what type of service contract is appropriate for a customer.

The pricing features described herein make comparing customer bills across Texas quite complex. For this study, Leidos started with AE's groupings for C-I customers and sought to match customer bill information for other providers, either reported or calculated, with AE's C-I customer categories. The comparative information consists of calculated bills representative of customers in the targeted study cities and information derived from applicable published utility and industry information.

Benchmarked Service Providers

The Leidos Team conducted a comparison of calculated AE customer electricity bills with calculated customer electricity bills in selected non-competitive communities across the state. Table 2 displays the city/metropolitan areas included in our analysis and the corresponding utility provider.

Table 2
Electric Service Providers by City

City	Electric Service Provider or Territory
Austin	Austin Energy (AE)
Brownsville	Brownsville Public Utilities Board (BPUB)
Cedar Park	Pedernales Electric Cooperative (PEC)
Elgin	Bluebonnet Electric Cooperative (BEC)
New Braunfels	New Braunfels Utilities (NBU)
San Antonio	CPS Energy
San Marcos	City of San Marcos Utility Service (San Marcos)

Data Comparisons Using Publicly Available Data

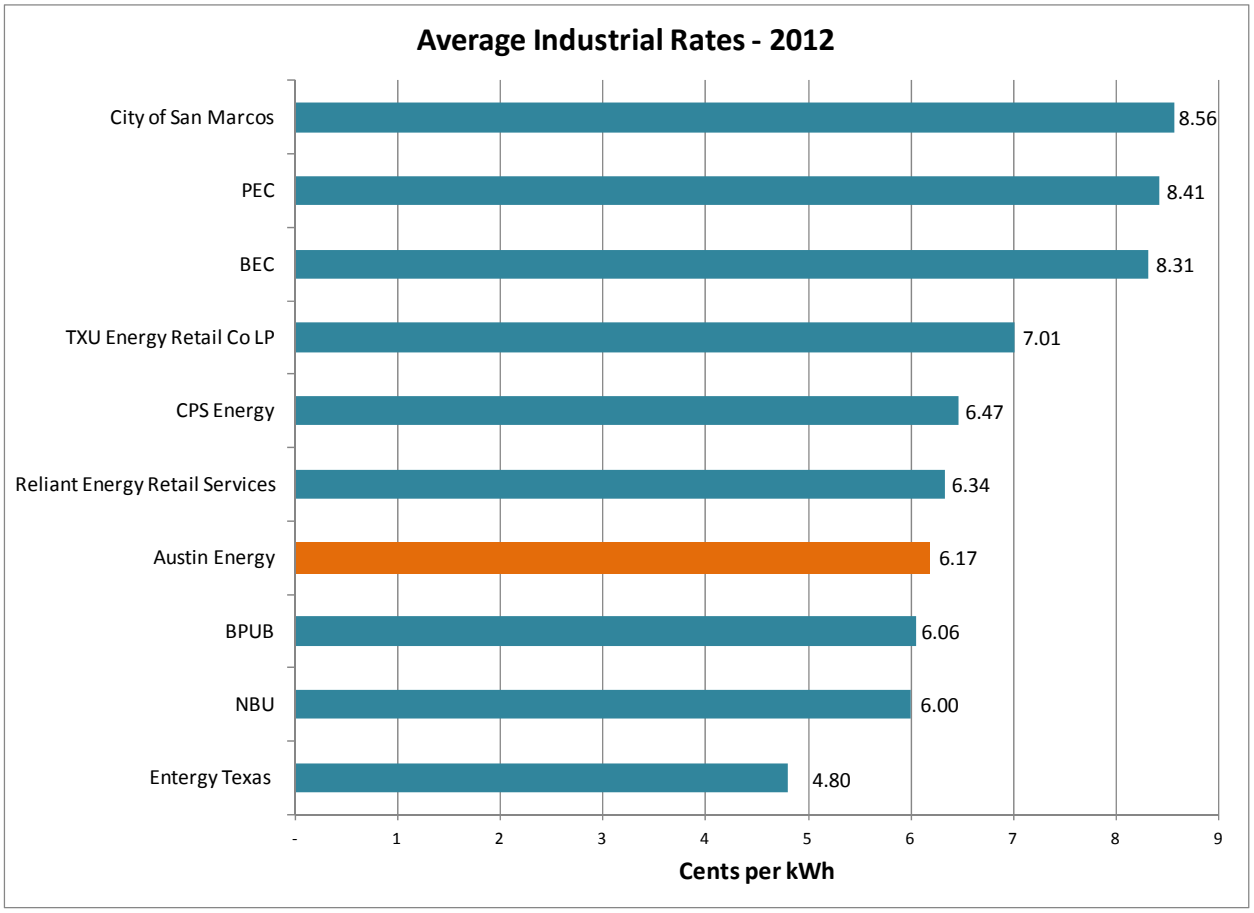
Energy Information Administration

The Leidos team also considered publicly available data to provide additional sources to estimate billings and serve as a check on the reasonableness of the data developed. While there is no comprehensive data set available for such a comparison, the Department of Energy's Energy Information Administration (EIA) is a source of pricing data that is based on self-reporting by utilities. This EIA data cannot be used to estimate electricity bills for specific customer classifications of load and load factor. The data are self-reported by utilities at an aggregated level, so only provider-by-provider averages can be used; even those comparisons should be conducted carefully. The data are based on each utility's internal classification of customers. EIA guidance states that the commercial data should reflect "electric energy supplied for

commercial purposes" and industrial data should reflect "electric energy supplied for industrial purposes."

The EIA provides independent statistics and analysis of the energy industry in the United States. Through it form EIA-861 "Annual Electric Power Industry Report," the EIA collects data such as peak load, generation, electricity purchases, sales, revenues, customer counts from electric utilities, wholesale power marketers (registered with the Federal Energy Regulatory Commission), energy service providers (registered with the States), and electric power producers. Form EIA 861 provides data from a comprehensive group of utilities and retail providers. The most recent data available are for calendar year 2012, which reflect the decline in natural gas prices.

Figure 4:
Average Industrial Rates



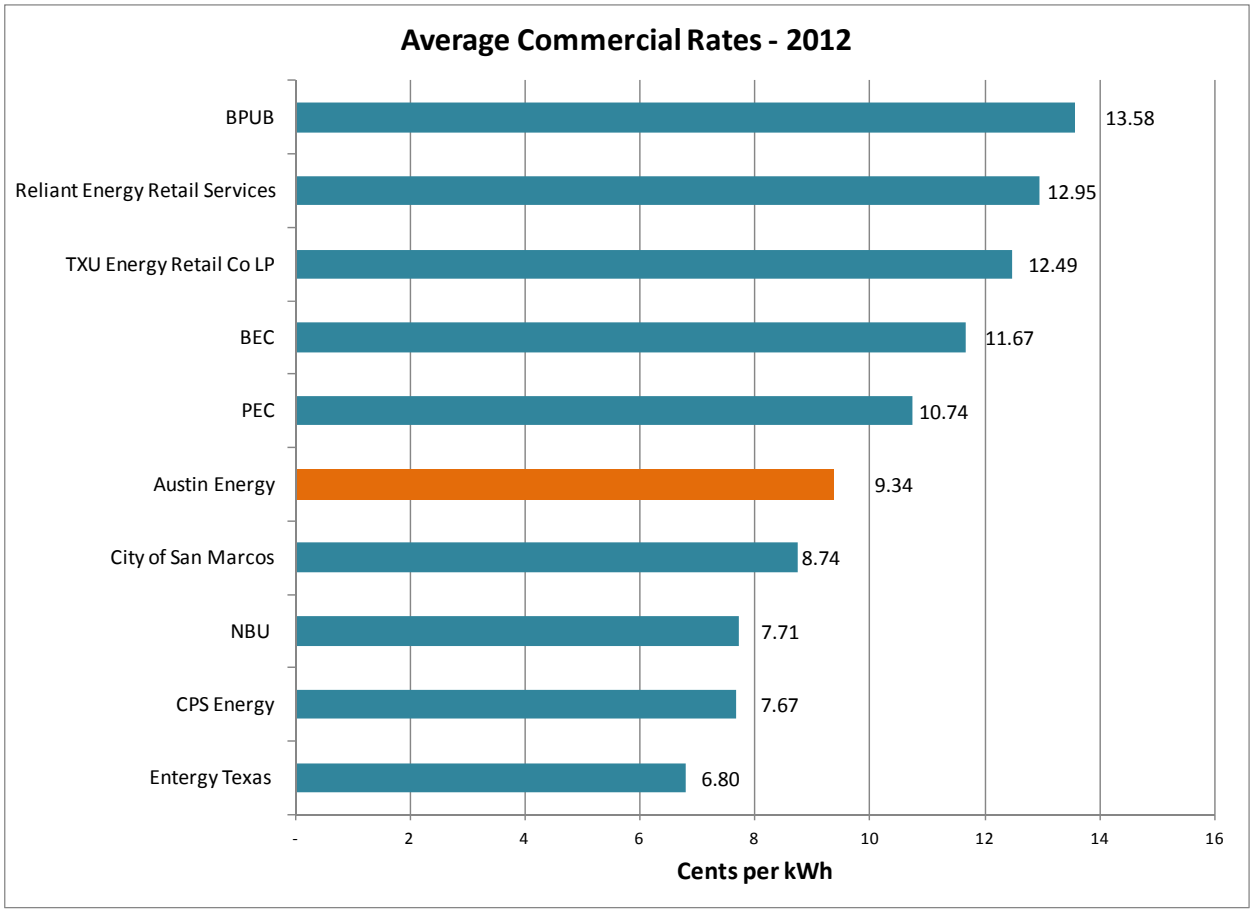
Source: EIA Form 861 – 2012 http://www.eia.gov/electricity/data/eia861/
Note: Data for all REPs and Non-Opt In Entities (NOIEs) is not available from EIA.

In Figures 4 and 5, Leidos used the data elements from the "Annual Electric Power Industry Report" for 2012 to calculate an average price for kWh for all customers classified as industrial (Figure 4) and commercial (Figure 5). This EIA based data reflects pricing for all contract rates

in effect during the 12 months of 2012, and as such would likely include newer contract pricing that takes advantage of lower natural gas costs. This EIA based data cannot be used to calculate electricity bills or comparisons of those bills, only high level average rates for each utility.

As reported in Form 861 and illustrated in Figure 4, 2012 average industrial customer rates in Texas ranged from approximately 5 cents per kWh to about 9 cents. Entergy Texas and NBU were among the lowest in Texas at 4.80 cents and 6.00 cents, respectively. Note, these results are for calendar year 2012 and reflect continued low natural gas prices. For AE, the 2012 rates reflect three months (October, November, and December 2012) of higher rates adopted in June of 2012, but implemented beginning in October.

Figure 5:
Average Commercial Rates



Source: EIA Form 861 – 2012 http://www.eia.gov/electricity/data/eia861/
Note: Data for all REPs and NOIEs is not available from EIA.

In 2012, average commercial customer rates in Texas ranged from approximately 7 cents per kWh to just under 14 cents. Again, Entergy Texas rates were among the lowest in Texas, at 6.80 cents, as shown in Figure 5.

Public Utility Commission of Texas Data

The Electric Division of the PUCT provides a commercial monthly electric bill comparison based on data collected from various utilities in markets within Texas that are not yet open to competition (http://www.puc.state.tx.us/electric/rates/NCrate/index.cfm). The data are limited to utilities who participate in the survey and computations are provided by each participating utility; hence this analysis was limited to available data and is self-reported without any form of validation. Each utility calculates a typical customer's bill for a total of eight demand/kWh levels based on their internal rate tariff.[4] Of the providers covered in this report, AE, CPS Energy, City of San Marcos and Entergy Texas participate in the PUCT survey; however, details regarding the specific tariffs used to generate this information are not provided. These results are shown in Table 3 under the columns labeled PUCT Survey.

Table 3 also compares AE commercial and industrial customer electricity bills for the October 2012 – September 2013 time period calculated based on AE's tariffs.

Table 3
AE Bill Comparison to PUCT
Monthly Average Commercial & Industrial Bills – October 2012 – September 2013

		PUCT Survey			
	Austin Energy (Calculated) ($)	Austin Energy ($)	CPS Energy($)	Entergy Texas($)	City of San Marcos($)
35 kW					
7,500 kWh	918	918	750	611	608
15,000 KWh	1,396	1,393	1,226	1,008	1,195
500 kW					
145,000 kWh	15,368	13,876	NA	9,862	13,270
290,000 kWh	23,548	20,446	NA	15,974	24,389
2,500 kW					
720,000 kWh	68,196	68,154	NA	52,745	63,165
1,440,000 kWh	100,775	100,775	NA	78,440	106,002

Source: AE Tariffs and Public Utilities Commission of Texas; Commercial Bill Comparisons for Non-Competitive Markets; http://www.puc.state.tx.us/electric/rates/NCrate/index.cfm. Represents the average of 12 months, October 2012 through September 2013.
Note: AE electric bills were calculated as follows; 35 kW bills were calculated at Secondary Service 10 to <50 kW rates at 7,500 and 15,000 kWh; 500 kW bills were calculated at Secondary Service 50 kW + (calculated at

[4] Public Utility Commission of Texas. http://www.puc.state.tx.us/electric/rates/NCrate/rclass.cfm. The PUCT provides the following disclaimer, "This is information is compiled by the PUCT from publicly available information from the REPs and PUCT approved price to beat rates (through December 2006) using representative usage levels. The PUCT makes no recommendation with respect to any REP. Although we believe these prices are accurate, the PUCT makes no warranty that the prices in this table are currently being offered."

145,000 and 290,000 kWh) and 2.5 MW bills were calculated at Primary Service <3 MW (calculated at 720,000 and 1,440,000 kWh).
For 35 kW: Power Supply Adjustment = $0.03372/kWh. Regulatory charge = $2.47/kW and Community Benefit Charge = $0.00379/kWh; For 500 kW Power Supply Adjustment = $0.03372/kWh. Regulatory charge = $2.59/kW and Community Benefit Charge = $0.00346/kWh; For 2.5 MW: Power Supply Adjustment = $0.03296/kWh, Regulatory charge = $2.28/kW and Community Benefit Charge = $0.00305/kWh

Electric Providers in Markets Served by Municipal Utilities

For electric utility providers in non-competitive areas of Texas, published tariff rates were used to calculate a representative electricity bill for each of the 12 demand and load factor levels. This bill calculation included fixed charges such as a monthly service fee and all applicable variable costs, based on data availability.

Table 4 compares calculated AE commercial and industrial customer electricity bills to other electricity bills calculated using currently published tariffs. Notes provided with Table 4 help explain the particular tariff used to create electricity bills at each demand and load factor level. In instances where multiple rates might apply, the lowest resultant rate is shown in the table. For example, a Brownsville PUB customer with demand of 500 kW could be served by either the General Service Demand rate or the General Service Large Demand rate; representative electricity bills were calculated under both tariffs and the lowest resultant bill is displayed. Instances when multiple tariffs might apply are noted in the table.

As expected, electricity bills calculated using published tariffs from a selected group of electric cooperatives and municipal utilities exhibit considerable variability. Many factors come into consideration for these utilities in setting rates and tariffs. Factors include the service territory location within ERCOT, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, the mix of types of commercial and industrial customers and the manner in which the utility classifies its customers in to rate classes, among others. The reader should also recognize that this comparison is a snapshot of one period of time and several of the utilities included in this analysis are in the process of initiating rate increases which could change their comparative position within this group in the near term.

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Table 4
Monthly Commercial & Industrial Bills at Selected Demand Levels & Load Factors – October 2012 - September 2013
Based on Published Tariffs

City (Service Territory)	Austin (AE)[1] ($)		Brownsville (Brownsville Public Utilities Board) ($)		New Braunfels (NBU) ($)		San Marcos (City of San Marcos Utility Service) ($)		San Antonio (CPS Energy) ($)		Elgin (Bluebonnet EC) ($)		Cedar Park (Pedernales EC) ($)		Beaumont (Entergy Texas) ($)	
Small Commercial - Total Monthly Bill ($) (5 kW Demand)																
	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer
20% LF	96	85	94	94	115	100	70	70	75	74	103	103	103	103	74	74
60% LF	253	218	233	233	304	260	189	189	206	195	253	253	234	234	206	206
Small Commercial - Total Monthly Bill (35 kW Demand)																
	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer
7,500 kWh	967	894	708	708	507	432	703	703	787	735	799	799	710	710	618	618
15,000 KWh	1,476	1,356	1,379	1,379	993	843	1,117	1,117	1,303	1,195	1,571	1,571	1,382	1,382	1,019	1,019
Medium Commercial - Total Monthly Bill (500 kW Demand)																
	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer
145,000 kWh	16,184	14,959	10,775	10,775	10,587	9,137	12,102	12,102	15,690	13,607	15,790	15,790	13,058	13,058	10,321	10,321
290,000 kWh	24,878	22,884	17,182	17,182	18,223	15,323	21,945	21,945	26,366	23,195	28,580	28,580	23,966	23,966	18,077	18,077
Large Commercial - Total Monthly Bill (2.5 MW Demand)																
	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer
720,000 kWh	72,347	66,121	60,556	60,556	52,795	45,595	57,233	57,233	66,003	60,628	78,010	78,010	63,859	63,859	45,437	44,112
1,440,000 kWh	107,242	97,542	92,702	92,702	90,715	76,315	106,105	106,105	81,372	96,560	141,520	141,520	116,069	116,069	72,545	71,220

Small Industrial - Total Monthly Bill (5 MW Demand)																
	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer
40% LF	161,145	148,845	122,241	122,241	106,893	92,293	115,088	115,088	132,017	121,267	157,659	157,659	127,343	127,343	90,998	88,348
80% LF	231,941	212,341	187,005	187,005	183,787	154,587	214,190	214,190	204,878	194,128	286,442	286,442	234,935	234,935	145,966	143,316
Industrial - Total Monthly Bill (25 MW Demand)																
	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer	Summer	Non-summer
80% LF	1,094,930	996,930	934,427	934,427	863,375	726,500	1,068,012	1,068,012	656,083	602,333	1,431,712	1,431,712	951,985	951,985	704,898	714,058
90% LF	1,173,953	1,066,828	1,014,375	1,014,375	1,007,550	843,300	1,191,891	1,191,891	1,112,031	1,058,281	1,592,691	1,592,691	1,067,733	1,067,733	793,217	779,967

Source: Published tariffs rates
http://www.austinenergy.com/About%20Us/Rates/Commercial/index.htm
http://www.bluebonnetelectric.coop/documents/RateScheduleforwebsite7.6.10.pdf
https://www.pec.coop/Documents/PEC_Tariff_0618.pdf
http://www.cpsenergy.com/Commercial/Billing_Payments/Rates/index.asp
http://www.entergy-texas.com/your_business/business_tariffs.aspx
http://www.brownsville-pub.com/commercial/elecrates.html
http://www.nbutexas.com/Portals/11/pdf/Electric%20Rates%203-09.pdf

Table Notes:

Prices in blue text represent the minimum bill in cases where multiple services are available in a demand class. For example AE's summer price for 10 kW service at a 60% load factor for a customer receiving "General Service Non-Demand" would have been $448, while the General Service Demand price would have been $379, as shown above.

AE electricity bills were calculated as follows:

5 kW bills based on Secondary Service <10 KW and Power supply Adjustment = $0.03372/kWh and Regulatory charge = $0.0711/kWh and Community Benefit Charge = $0.00461/kWh

35 kW bills were calculated at Secondary Service 10 to <50 kW rates at 7,500 and 15,000 kWh, and Power Supply Adjustment = $0.03372/kWh, Regulatory charge = $2.47/kW and Community Benefit Charge = $0.00379/kWh

500 kW bills were calculated at Secondary Service 50 kW + (calculated at 145,000 and 290,000 kWh) and Power Supply Adjustment = $0.03372/kWh, Regulatory charge = $2.59/kW and Community Benefit Charge = $0.00346/kWh;

2.5 MW bills were calculated at Primary Service <3 MW (calculated at 720,000 and 1,440,000 kWh) and Power Supply Adjustment = $0.03296/kWh, Regulatory charge = $2.28/kW and Community Benefit Charge = $0.00305/kWh

5 MW bills were calculated based on Large Primary Service Special Contract Rider Time-Of-Use (LTC 2/3) and

25 MW bills were calculated based on Large Primary Service Special Contract Rider Time-Of-Use (LTC 2/3) and the Large Primary Service Special Contract - Industrial Rider Time-Of-Use (LTC 1). Fuel adjustment factor = $0.03653/ kWh. Primary fuel adjustment factor =$0.03544/kWh.

[2] BPUB electricity bills were calculated as follows: 5 kW and 35 kW based on General Service – Non-Demand rate; 500 kW based on both General Service Demand and General Service Large Demand rates; 2.5 MW, 5 MW and 25 MW based on General Service Large Demand rate. Fuel adjustment factor =$0.0389/kWh.

[3] NBU bills were calculated as follows: 5 kW and 35 kW based on Small General Service rate; 500 kW 2.5 MW, 5 MW and 25 MW based on Large General Service rate. Fuel adjustment factor =$ $0.0064.

[4] CPS Energy electricity bills were calculated as follows: 5 kW, 35 kW, 500 kW based on General Service (PL) rate; 2.5 MW, 5 MW and 25 MW based on Extra Large Power Service (ELP) rate assuming primary service. Fuel and regulatory factor = $0.01763/ kWh.

[5] BEC electricity bills were calculated as follows: 5 kW and 35 kW based on Three-phase Commercial Service rate; 500 kW, 2.5 MW, 5 MW and 25 MW based on Key Account rate with "wholesale power cost" equal to $0.072674/ kWh.

[6] PEC electricity bills were calculated as follows: 5 kW and 35 kW based on the Small Power rate; 100 kW, 300 kW, 500 kW, 2.5 MW and 5 MW based on Large Power secondary level service rate; 25 MW based on Industrial Power rate. Fuel adjustment factor = ($0.00733)/ kWh for secondary service and ($0.00722) /kWh for primary service.

[7] Entergy Texas electricity bills were calculated as follows: 5 kW based on Small General Service and General Service rate; 35 kW based on General Service rate; 500 kW based on

both General Service and Large General Service rates; and 2.5 MW and 5 MW based on both Large General Service and Large Industrial Power Service rates; and 25 MW based on Large Industrial Power Service rate. Fuel adjustment factor = $0.0547115 / kWh. Fuel adjustment factor = $0.0338496)/ kWh for secondary service and $0.0329832 /kWh for primary service

[8] Pricing at four demand levels (35 kW, 300 kW, 500 kW, and 2.5 MW) was calculated at the following kWh's rather than at specific load factors to match data provided to the PUCT: 35 kW at 7,500 kWh and 15,000 kWh; 300 kW at 87,000 kWh and 174,000 kWh; 500 kW at 145,000 kWh and 290,000 kWh; 2.5 MW at 720,000 kWh and 1,440,000 kWh.

Conclusions

Data Assumptions and Limitations

AE retained the Leidos Team compare AE customer electricity bills with customer electricity bills in selected cities across the state. Major challenges exist in comparing electricity bills in different regions. In the competitive areas of Texas, energy service is provided by competitive firms via private contracts between the supplier and the customer. The terms of these contracts are typically confidential. For this reason, it is extremely difficult to collect actual bills and contract provisions for the competitive areas of the State. There is no available collected data set or survey that can be used to compare electricity bills. Since each individual customer may be served under unique terms, knowing the terms and prices of a few customers may not be representative of actual energy prices in the broader market. Therefore, Leidos used several different approaches to estimate representative electricity bills across the state.

In the non-ERCOT portions of the state and in those market areas served by municipal and cooperative utilities, rates are based on tariffs adopted by regulating authorities, such as city councils. These tariffs include all the costs of providing electric service. However, many factors come into play for these utilities in setting rates and tariffs. These factors include the service territory location within ERCOT, the type and characteristics of the mix of customers in the territory, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, the mix of types of commercial and industrial customers and the manner in which the utility classifies its customers in to rate classes, and others. The reader should also recognize this comparison reflects a specific point in time and some utilities are in the process of instituting rate increases which could change their comparative position within this group.

It was also necessary to establish early in the study what customer classifications were to be used for bill comparisons. Leidos has chosen to classify customers using 12 load size/factor combinations. This classification protocol was developed by AE and Leidos to provide a diverse and representative sample of AE's different customer types. The variety of customer load sizes range from as small as a 5 kW commercial load to an extremely large 25 MW industrial customer. Prices for two different load factors for each load level were also estimated. These different load factors are important because the load factor differentiates one dimension in the costs of providing service to a customer—whether the customer has predictable, steady load level, or whether the customer has a highly variable load level and is therefore more expensive to serve. Though we report comparative results for each of these combinations of load and load factor, Leidos cannot emphasize enough that the particular characteristics of each customer will dictate what type of service contract is appropriate for that customer.

Leidos also calculated monthly representative electricity bills for AE's commercial and industrial customer bills. The Leidos team used AE rates schedules specified by AE to calculate the representative monthly bills at numerous demand and load factors and our calculations validate AE's prices reported to the PUCT.

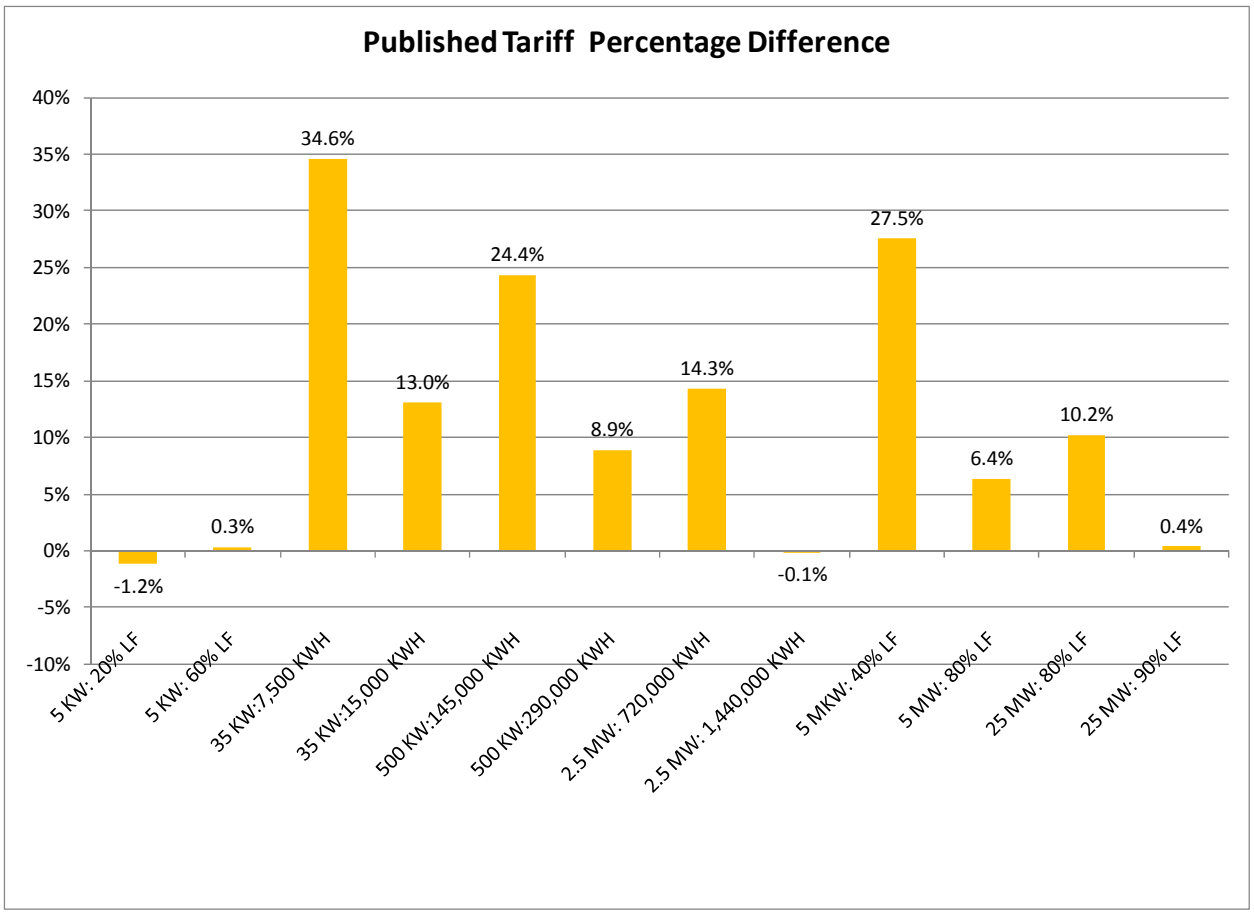
Comparison Methodologies Used

Leidos presented comparisons between AE tariff-calculated electricity bills with information published by the Electric Division of the PUCT. This information provides a commercial monthly electric bill comparison based on data collected from various utilities in markets within Texas that are not yet open to competition. The data are limited to utilities who participate in the survey and computations are provided by each participating utility; hence this analysis was limited to available data. Each utility provides customer bill information for a total of eight demand/load factor usage levels to the PUCT.

This study also presents EIA based data. This EIA data cannot be used to estimate electricity bills for specific customer classifications of load and load factor. It is self-reported by utilities at an aggregated level, so only provider-by-provider averages can be used, and even those comparisons should be conducted carefully.

AE's estimated electricity bills compared to bills estimated using published tariff information tend to be higher at certain size and load factors. AE's estimated bills are lower than the average of the other utilities included in this study at 5 kW - 20 percent load factor and 2.5 MW – 1,440,000 kWh and essentially the same as the average at 5 kW - 60 percent load factor and 25 MW – 90 percent load factor as illustrated in Figure 6.

Figure 6:
AE Bills and Utility Monthly Electricity Bill Averages Summary Comparison
Published Tariff Methodology – October 2012- September 2013

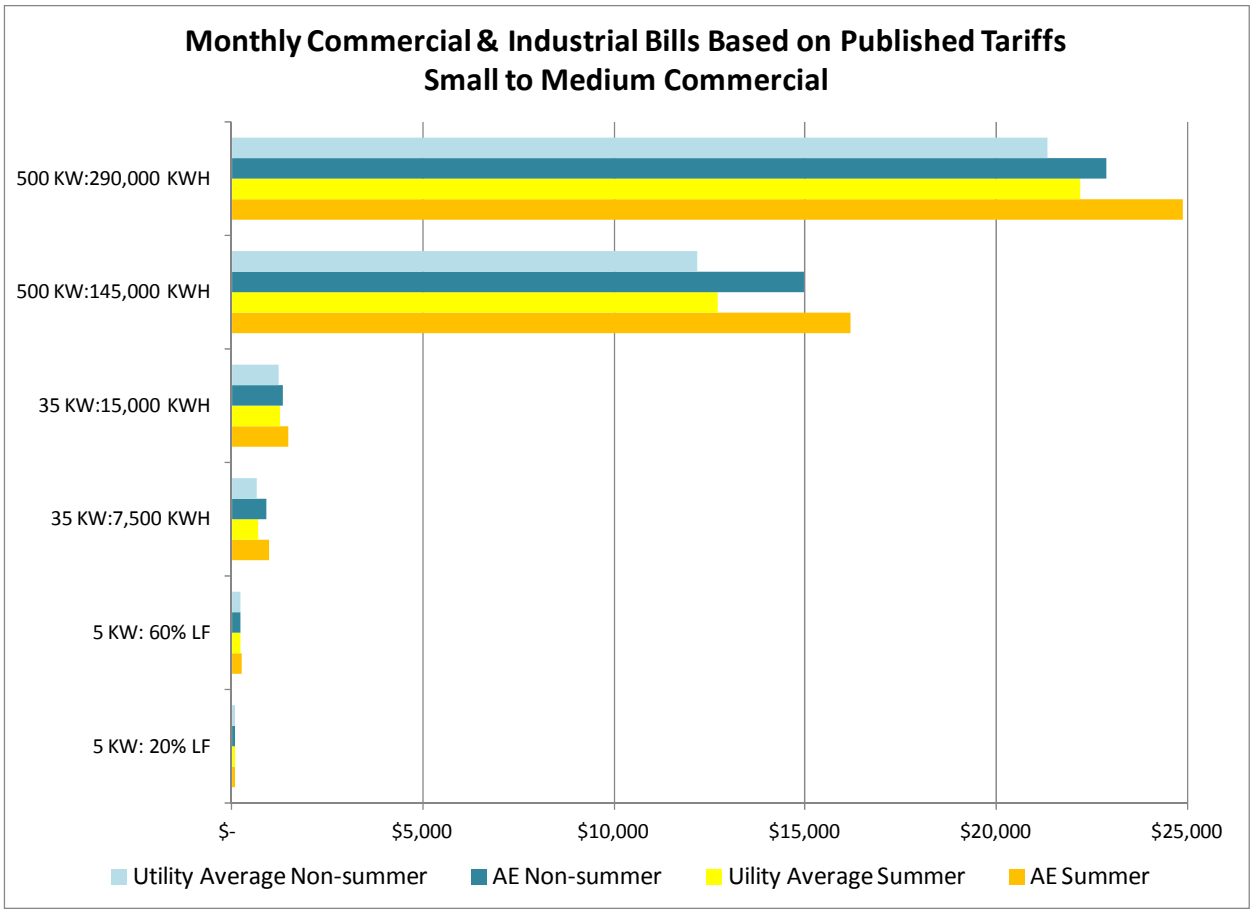


Source: Table 4 of this Report

As expected, electricity bills calculated using published tariffs from a selected group of electric cooperatives and municipal utilities exhibit considerable variability. Many factors come into consideration for these utilities in setting rates and tariffs.

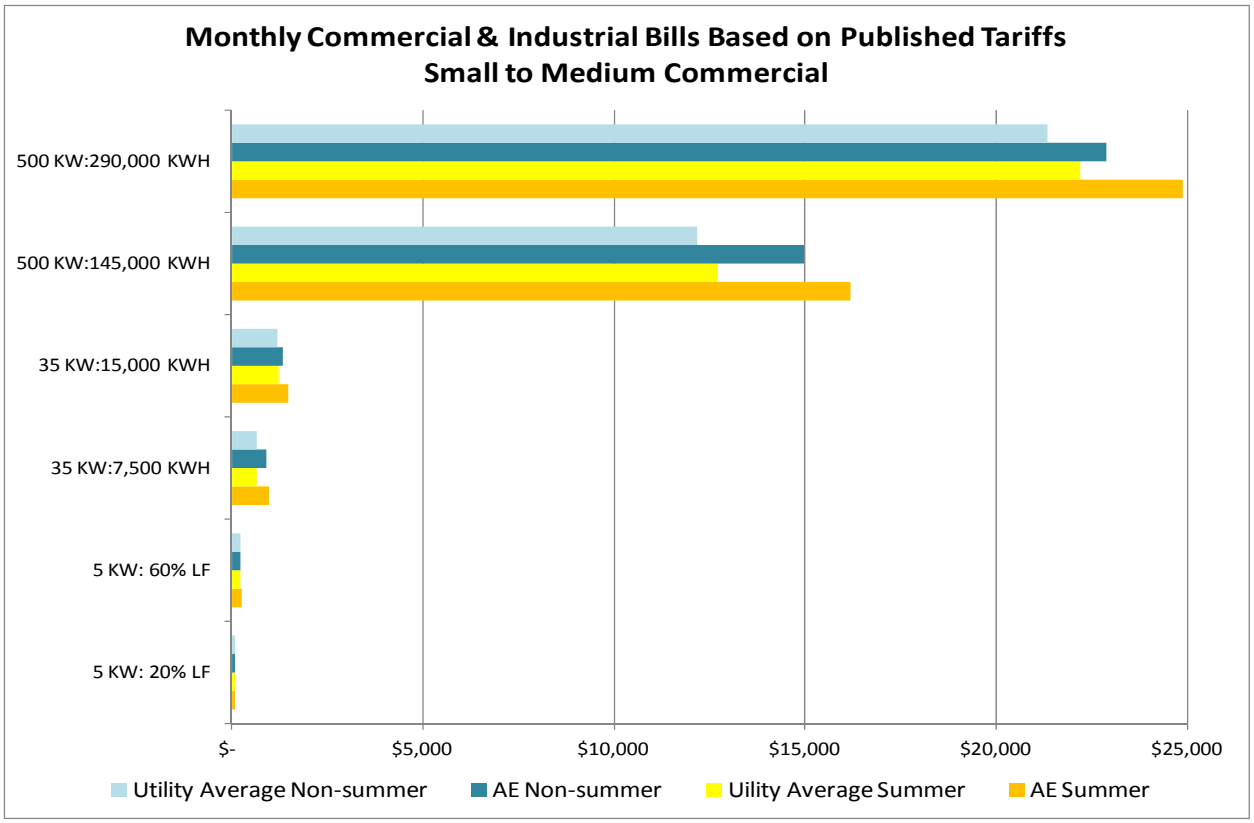
The published tariffs electricity bill comparison compares calculated AE electricity bills to other electricity bills using published public utility tariff information from October 2012 through September 2013, as illustrated in Figures 7 and 8.

Figure 7:
Published Tariffs Bill Comparison – Small to Medium Commercial
October 2012 – September 2013



Source: Table 4 of this Report

Figure 8:
Published Tariffs Bill Comparison –Medium Commercial to Industrial –
October 2012 – September 2013



Source: Table 4 of this Report

The rate comparison analysis contained within this study demonstrates that electricity bills calculated using AE's published tariffs and existing contract rates for some industrial customers result in bills that are higher than the average for the comparison utilities at certain usage and load levels. This statement applies to pricing arrangements that are similar to AE's electricity pricing terms. That is, pricing arrangements that can be categorized as "low risk, fixed term." Lower pricing arrangements are available in the Texas market, but such arrangements will be higher risk, variable-term arrangements. As such, those arrangements are not similar to AE's tariff-based pricing.

While AE's rates are substantially higher than the comparison utilities at low load factors, results show a good alignment with AE's rate design objectives of incentivizing higher load factors. For example, bills calculated at AE's new tariff for *Secondary Service 50 KW and above*, for a 500 kW customer are approximately 24 percent higher than the other utilities at usage levels of 145,000 kWh (~ 40 percent load factor), but only about nine percent higher at usage of 290,000 kWh (~ 80 percent load factor). AE's cost of service study showed that the utility incurred higher costs for serving customers with low load factors and its subsequent rate design supports those findings by providing more competitive rates to higher load factor customers.

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Glossary[5]

Commercial Customer: Include businesses such as retail stores, restaurants and educational institutions with a peak demand of 50 kW or more during any twelve month period. Small commercial customers may include businesses whose peak electric demand during any twelve month period is less than 50 kW.

Congestion: The situation that exists when requests for power transfers across a Transmission Facility element or set of elements, when netted, exceed the transfer capability of such elements.

Demand: The rate at which electric energy is delivered to or by a system at a given instant, or averaged over a designated period, usually expressed in kilowatt (kW) or megawatt (MW).

Department of Energy (DOE): A US federal agency established in 1977 which brings all major energy-related federal agencies under a single umbrella.

Electric Cooperative: (a) a corporation organized under the Texas Utilities Code, Chapter 161 or a predecessor statute to Chapter 161 and operating under that Chapter; (b) a corporation organized as an electric cooperative in a state other than Texas that has obtained a certificate or authority to conduct affairs in the State of Texas; or (c) a successor to an electric cooperative created before June 1, 1999, in accordance with a conversion plan approved by a vote of th members of the electric cooperative, regardless of whether the successor later purchases, acquires, merges with or consolidates with other electric cooperatives.

Electric Reliability Council of Texas (ERCOT): Refers to the independent organization and, in a geographic sense, refers to the area served by electric utilities, municipally-owned utilities, and electric cooperatives that are not synchronously interconnected with electric utilities outside the state of Texas.

Electric Utility: A person or river authority that owns or operates for compensation in this state equipment or facilities to produce, generate, transmit, distribute, sell, or furnish electricity in this state.

Energy Information and Administration (EIA): A US federal agency whose primary responsibility is management of statistics relating to energy production, use and consequences.

Generation: Assets, activities and processes necessary and related to the production of electricity.

[5] Chapter 25. Substantive Rules Applicable to Electric Service Providers. Subchapter A. General Provisions. §25.5 Definitions. www.puc.state.tx.us
ERCOT online glossary: www.ercot.com/glossary
Window of State Government, online Energy Glossary: www.window.state.tx.us/specialrpt/energy/glossary
Energy Vortex Online Dictionary: www.energyvortex.com/energydictionary

Grid: A system of interconnected generating facilities, transmission corridors and power lines that provide energy to a group of customers.

Industrial Customer: Include factories or manufacturing plants and typically have the highest demand for electricity.

Kilowatt (kW): A measure of electrical power equal to 1,000 watts.

Kilowatt hour (kWh): A quantitative measure of electric current flow equivalent to one thousand watts being used continuously for a period on one hour; the unit most commonly used to measure electrical energy, as opposed to kilowatt, which is simply a measure of available power.

Load: a) the amount of energy used per hour or kilowatt-hour or, b) the level of electricity demanded or kilowatt.

Load Factor: A measure of the average load, in kilowatts, supplied during a given period. It is used to determine the total amount of energy that would have been used if a given customer's maximum load was sustained over an extended period of time. This value offers a useful comparison to show what percentage of a customer's potential usage is actually used.

Load Size: a) the amount of energy used per hour or kilowatt-hour (kWh); or, b) the level of electricity demanded or kilowatt (kW).

Municipally-owned Utility: Any utility owned, operated, and controlled by a municipality of by a nonprofit corporation whose directors are appointed by one or more municipalities.

Megawatt (MW): The electrical unit of power that equals 1 million Watts (1,000 kW).

Nodal Market: In the nodal market design, the electric grid will consist of more than 4,000 nodes, replacing the Congestion Management Zones that exist under the Zonal Market. The Texas nodal market is expected to deliver benefits such as improved price signals, improved dispatch efficiencies, and direct assignment of local congestion.

Not-Opt In Entity (NOIE): An electric cooperative or municipally-owned utility that does not offer customer choice.

Public Utility Commission of Texas (PUCT): Formed in 1975 by the Legislature as a rate regulatory body, PUC now, since deregulation, oversees electric and telecommunications companies to ensure Texas consumers have access to competitive utility services. The PUC oversees competition in the wholesale and retail electricity and telecommunications markets, and regulates rates and services of non-competitive electric utilities and local exchange companies.

Rate: A compensation, tariff, charge, fare, toll, rental or classification that is directly or indirectly demanded, charged or collected by an electric utility for a service, product, or commodity.

Residential Customer: Include private households that utilize energy for such needs as heating, cooling, cooking, lighting and small appliances.

Retail Electric Provider (REP): A person that sells electric energy to retail customers in this state.

Tariff: The schedule of a utility, municipally-owned utility or electric cooperative containing all rates and charges stated separately by type of service, the rules and regulations of the utility, and any contracts that affect rates, charges terms or conditions of service.

Transmission and/or Distribution Service Provider (TDSP): An Entity that is a TSP, a DSP or both, or an Entity that has been selected to own and operate Transmission Facilities and has a PUCT approved code of conduct.

Transmission Service: Service that allows a transmission service customer to use the transmission and distribution facilities of electric utilities, electric cooperatives and the municipally owned utilities to efficiently and economically utilize generation resources to reliably serve its load and to deliver power to another transmission service customers.

Zonal Market: In the zonal market, the electric grid is divided into Congestion Management Zones, which are defined by Commercially Significant Constraints. Several limitations have been identified with the zonal market such as: insufficient price transparency, resources are grouped by portfolio, and the indirect assignment of local congestion.

AN ASSESSMENT OF THE COMPETITIVENESS OF AUSTIN ENERGY'S SMALL AND MID-SIZED COMMERCIAL AND INDUSTRIAL ELECTRIC RATES AND TERMS OF SERVICE VS. ERCOT OPEN MARKETS

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June 28, 2006

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I. EXECUTIVE SUMMARY

Fox, Smolen & Associates, Inc. (FSA) and Frontier Associates, L.L.C. (FA) are pleased to submit this report to Austin Energy (AE). The report assesses the competitiveness of AE's electric rates and customer service practices. AE's rates are compared to contract and Price to Beat (PTB) prices offered to commercial and small industrial customers in the restructured, major metro areas of Texas and the rates offered by the state's largest municipal utility, CPS Energy (CPSE), in San Antonio, during the time period of May 2004 through June 2005. The contracts, billing practices and customer service in the competitive market are examined and compared to AE's tariffs and customer service practices.

Within the timeframe of May 2004 through June 2005, AE's prices were very competitive with the prices for no-demand, medium- and high- load factors in the Coast and North Central Zones. AE's prices are higher for the low-load factor in all zones. AE's weighted average prices in all zones for all load factors are higher than CPSE's weighted average prices. (See page 8 for an explanation of load factor and Electric Reliability Council of Texas (ERCOT) zones.) AE's rates for selected business segments (provided by Austin Energy) are less than any of the rates offered in the competitive market. These prices were calculated using the tariffs in effect as of January 2006 and the averaged bid prices for January 2006 and the data supplied by AE for selected business segments. However, they are, on average, 30% higher than CPSE rates. The difference in results from the annualized 2006 versus the May 2004 through 2005 time frame is due to the lack of fluctuation in the AE monthly usage data for the 13 business segments, compared to the averaged usage of the customers who participated in the competitive market.

The contracts in the competitive market vary greatly from provider to provider and most customers are not able to decipher the terms of their service. Most of the provider's billing practices do not enable customers to calculate their bills or understand their transmission and distribution charges. In response to customer requests, the providers are offering consolidated billing and various payment plans and increasing their online capabilities. Compared to the competitive market, AE's terms of service are more straightforward. However, AE's billing practices and payment options are not as flexible as most of the providers.

In summary, AE's rates are quite competitive for no-demand and medium- to high-load factor customers, but less competitive for low-load factor customers. AE's tariffs are more stable and less reactive to the cost of natural gas because AE's rates reflect its diversified generation mix. The competitive prices and the PTB are indexed to the cost of natural gas. In the competitive areas, providers are more responsive to customers' requests for billing and paying conveniences.

II. INTRODUCTION

On May 21, 1999, the Texas Legislature passed Senate Bill 7 (SB 7), which required the creation of a competitive retail electricity market in a large portion of Texas. Starting January 1, 2002, customers had the ability to choose their retail electricity suppliers. Electric competition has been postponed in some areas of Texas to ensure the development of sufficient infrastructure, and to guarantee the future of electric choice for those customers. Electric cooperatives and city-owned utilities may decide whether their customers will have a choice of electricity providers. This report depicts a picture of the current state of the market, and compares the competitive market to Austin Energy (AE) and the City of San Antonio (CPSE).

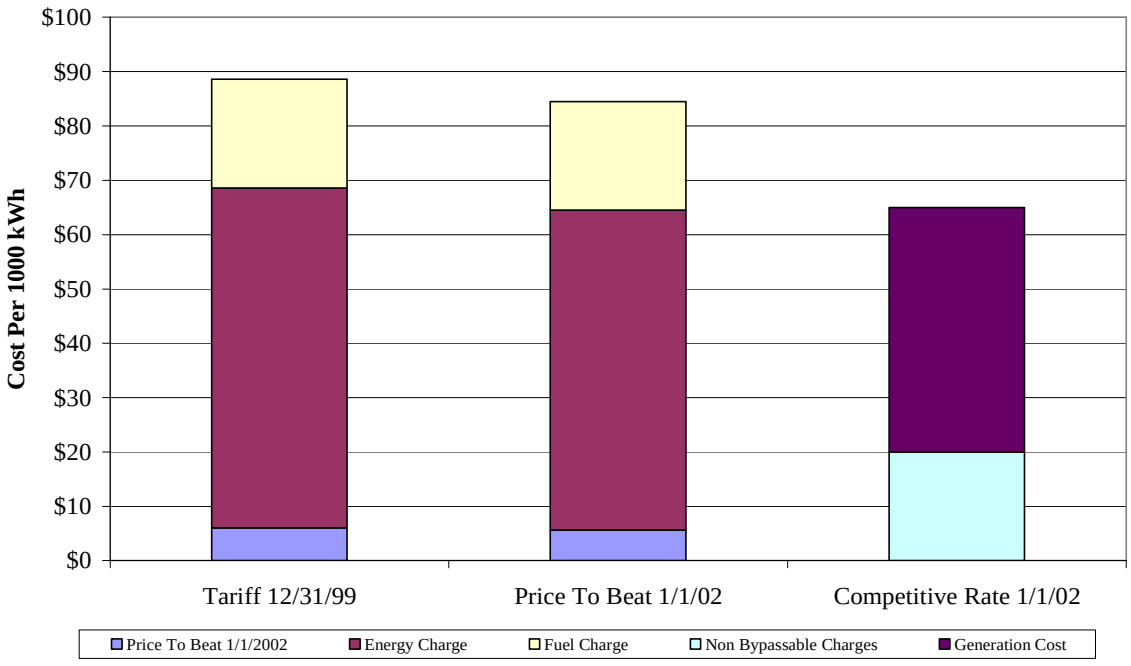
Deregulation in Texas

In 1995, *wholesale* production of electricity, was deregulated and, since then, Texas has developed an ample wholesale supply of electricity. Prior to 2002, an electric utility in Texas could provide all parts of the electric service – generation, transmission and distribution, and retail sales. Utilities were certified through the Public Utility Commission of Texas (PUCT) and, for the most part, all had discrete service areas. As a result of SB 7, the utilities were divided into:

- Generators: the producers of electricity.
- Transmission and Distribution Utilities (TDUs) or "wires companies": The delivery of the electricity across the poles and wires is called transmission and distribution. The TDU is responsible for maintaining the poles and wires, responding to power outages and reading the electric meters. The PUCT continues to regulate TDUs to ensure the safety and reliability of the electric service at a cost-based price.
- Retail Electric Providers (REPs): Since the introduction of competition, the REPs sell electricity in the deregulated areas of Texas. They purchase energy from various wholesale sources and sell it at retail. They also provide billing for the electricity and pass through the wires charges that are sent to them from the TDU that is serving in the area the customer is located. There are two types of REPs: (1) Affiliated REPs (AREPs), which were part of the original integrated utilities, and (2) Competitive REPs (CREPs), which are new entities registered by the PUCT to provide electricity.

The AREPs were required by SB 7 to provide a "bundled" rate that included both the electricity and wires charges. This rate, referred to as the PTB, reflects the rate structure in place for each vertically-integrated utility as of December 31, 1999. To be successful in the market, new competitors had to offer a lower rate than the PTB. The difference between the regulated PTB and the lower rates offered by competitors is called "headroom." A CREP would normally establish prices below the PTB, but a premium offering such as "green power" or some other unique feature could command higher rates.

Figure 1 - Bundled v. Unbundled Rate



The factor included in the PTB to recover the fuel cost to generate power was permitted to track the increase in the cost of natural gas. The AREPs were allowed to file for increases in the PTB fuel factors two times per year. The AREPs PTB fuel factors increases have nearly tripled since 2002.

The AREPs are restricted to offering only the PTB to residential and commercial customers with less than 1 megawatt of demand until January 1, 2007 or until it looses 40% of its

residential or small commercial customer load to competitors. All of the AREPs met the 40% threshold for the commercial customers by the beginning of 2004. After January 1, 2007, the restriction is no longer in place for any class of customers. The following table shows the market migration as of November 2005 for all of the ERCOT territory:

Table 1: Migration from Affiliated Retail Electric Provider

	% of Load	% of Customers*		
	Nov., 2005	Nov., 2005	Nov., 2004	Nov., 2003
Residential	35%	28%	20%	13%
Small Non-Residential	81%	31%	24%	16%
Large Non-Residential	73%	73%	64%	54%

* ERCOT defines "Customers" as Electric Service Identifiers or meters.
Source: Electric Reliability Council of Texas

III. COMPARISON OF ELECTRICITY RATES AMONG AUSTIN ENERGY, COMPETITIVE MARKETS, AFFILIATED RETAIL ELECTRIC PROVIDER'S PRICE TO BEAT AND CPS ENERGY

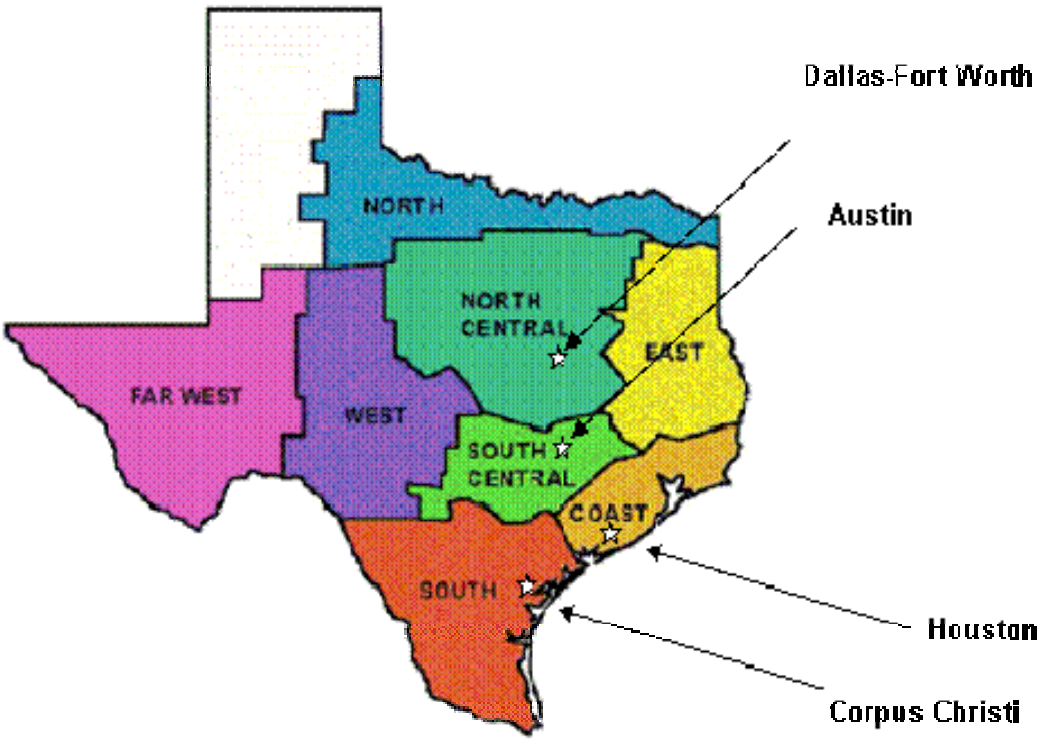
A. Methodology

The picture of the market presented includes prices and customer service practices. Prices were analyzed in two different ways. Usage data and prices were extracted from Fox, Smolen & Associates, Inc.'s (FSA) proprietary database for the months of May 2004 through August 2005. The data for commercial customers were grouped by the Electric Reliability Council of Texas's (ERCOT) load factors for three weather zones: South, the Coast and the North Central weather zones. ERCOT has a total of eight weather zones. These zones are geographic regions in which climatological characteristics are similar. The load factor (LF) reflects the ratio of average demand (energy) to peak demand within a specified time period for available generating hours. For example, if a customer's total kWh was for a year was 404,600 and the customer's peak monthly demand was 156, and the load factor for the year would be 30% (404,600/(156*8760)).

Companies with a high load factor generally have a more consistent, nearly flat usage pattern, near their peak demand, so are therefore easier and less costly for the utility to serve. Companies with a low load factor typically have an erratic usage pattern with large variation between their regular usage and their peak demand. These customers cost the utility more to serve since it must provide and maintain resources capable of providing the customer their required capacity during peak periods, but which may go unused during the periods of time between usage peaks.

The largest city in the South zone is Corpus Christi and the zone primarily served by American Electric Power (AEP). The Coast zone contains portions of the three TDU's service territories: CenterPoint, AEP and Texas New Mexico Power Company. The Coast zone contains the Houston Metroplex. The North Central zone begins with Round Rock in the south and includes the Dallas-Fort Worth Metroplex. The North Central zone is primarily served by TXU Electric Delivery. These zones are geographically located close to the service territories of AE and CPS Energy (CPSE). Austin is located in the South Central zone.

Figure 2- Map of ERCOT Weather Zones



Source: ERCOT

The analysis used 6,730 bids from over seventeen different Retail Electric Providers for usage of over a thousand customers. The published tariffs for AE and CPSE were used to calculate the electricity costs for the averaged usage data. The prices were then compared by load factors in each of the weather zones. The results are shown as weighted averages the period of May 2004 through August 2005.

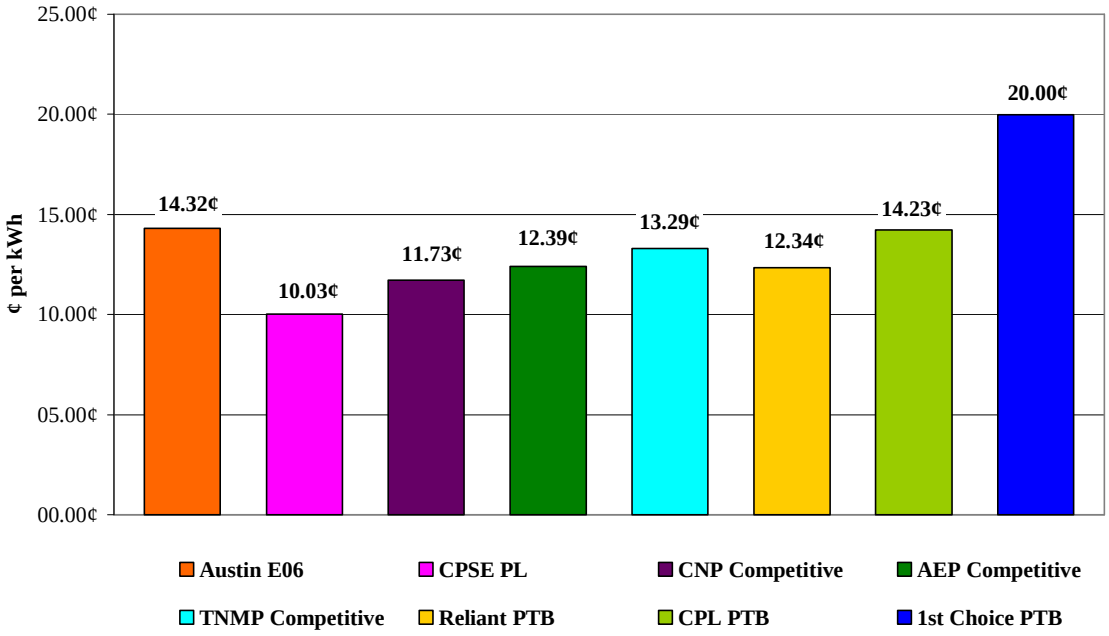
B. Findings

The results of the study are presented by four load factors in each of the weather zones, expressed as weighted average cost per kWh from May 2004 through August 2005. The weighted average cost is calculated by totaling the monthly electricity cost for the period under review dividing the total cost by the total kWh for the same period. Appendix A shows the monthly cost per kWh by load factor in each of the weather zones.

Coast Weather Zone

Customers in the Coast Weather Zone are provided delivery service by CenterPoint Energy (CNP), Texas New Mexico Power Company (TMNP) and AEP/Texas Central Company (AEP). The AREPs for the Coast Zone are Reliant Energy (Reliant), First Choice Energy (1st Choice) and Central Power & Light (CP&L). The Coast Weather Zone encompasses Houston and areas west of Houston located on the Gulf of Mexico coast. The Coast Zone contains the Houston Area metroplex on the east and the cities of El Campo and Bay City on the west.

Figure 3 - Coast Zone - Weighted Average Cost per kWh for Low Load Factor Customers May 2004 through August 2005

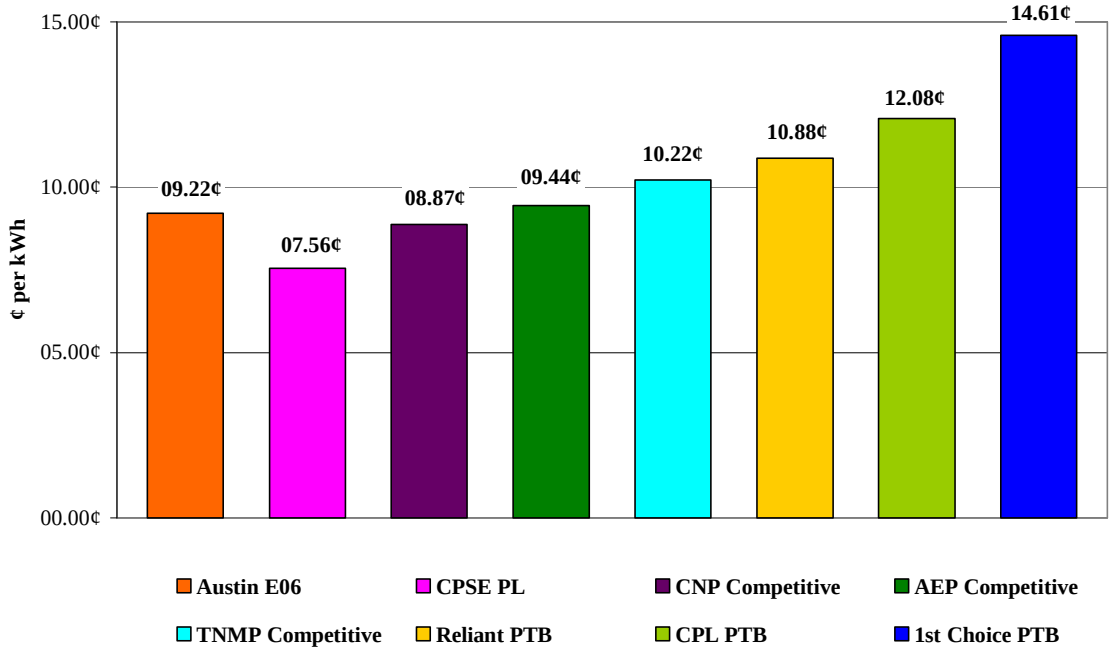


Source: FSA

In comparing the weighted average prices per kWh over the period under review, AE's rate for low load factor customer was:

- 18% higher than the competitive contracts in CenterPoint's service territory, 13% higher than competitive contracts in AEP's service territory and 7% higher than competitive contracts in TNMP's service territory;
- 14% higher than Reliant's PTB, slightly more than CP&L's PTB, and 40% less than 1st Choice's PTB;
- The third highest of all compared and almost 30% higher than CPSE's.

Figure 4 - Coast Zone - Weighted Average Cost per kWh for Medium Load Factor Customers May 2004 through August 2005

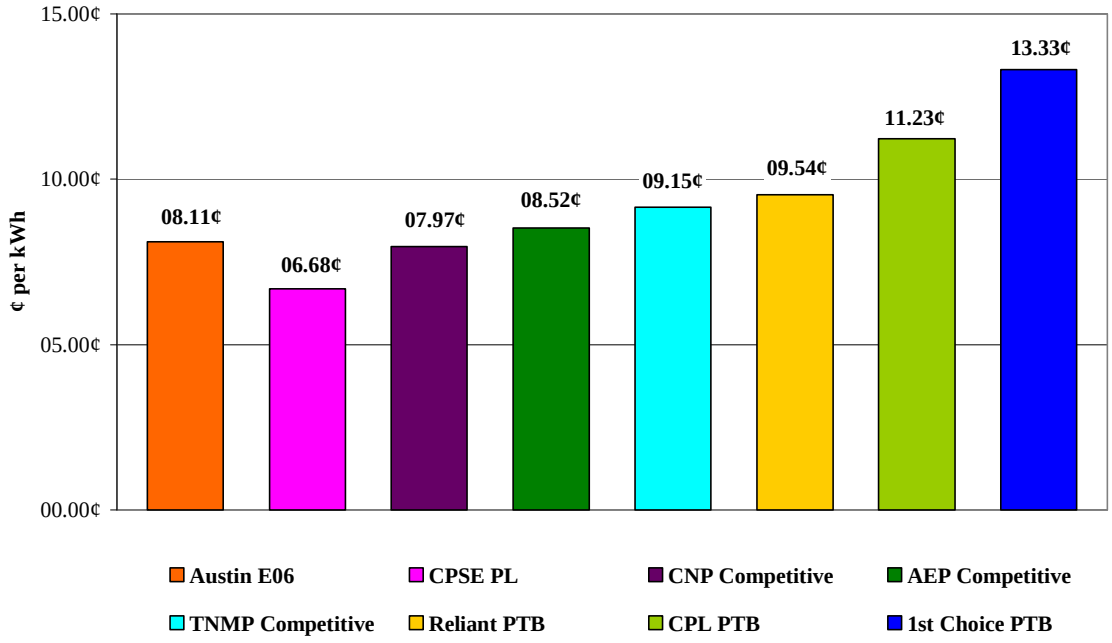


Source: FSA

In comparing the weighted average prices per kWh over the period under review, Austin's average rate per kWh for the medium load factor was:

- 4% higher than the competitive contracts in the CenterPoint service territory, 2% lower than the competitive contracts in the AEP service territory and 11% lower than the competitive contracts in the TNMP service territory;
- 18% lower than Reliant's PTB, 31% lower than CP&L's PTB, and 58% lower than 1st Choice's PTB;
- The third lowest of all compared and 18% higher than CPSE's' average rate.

Figure 5 - Coast Zone - Weighted Average Cost per kWh for High Load Factor Customers May 2004 through August 2005

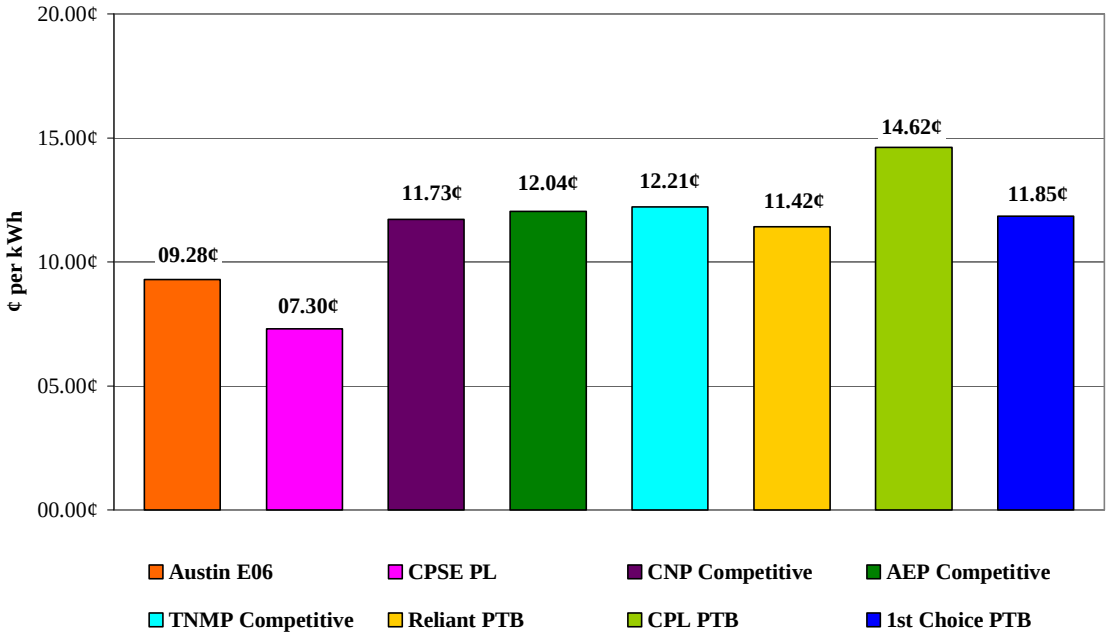


Source: FSA

In comparing the weighted average prices per kWh for the high load factor customers, AE's average rate was:

- 2% higher than competitive contracts in CenterPoint service territory, 5% less than competitive contracts in AEP's service territory, and 13% less than competitive contracts in TNMP's service territory;
- 18% less than Reliant's PTB, 39% less than CP&L's PTB and 64% less than 1st Choice's PTB;
- The third lowest of all of the entities compared and 18% higher than CPSE's average rate per kWh.

Figure 6 - Coast Zone - Weighted Average Cost per kWh for No Demand Customers May 2004 through August 2005



Source: FSA

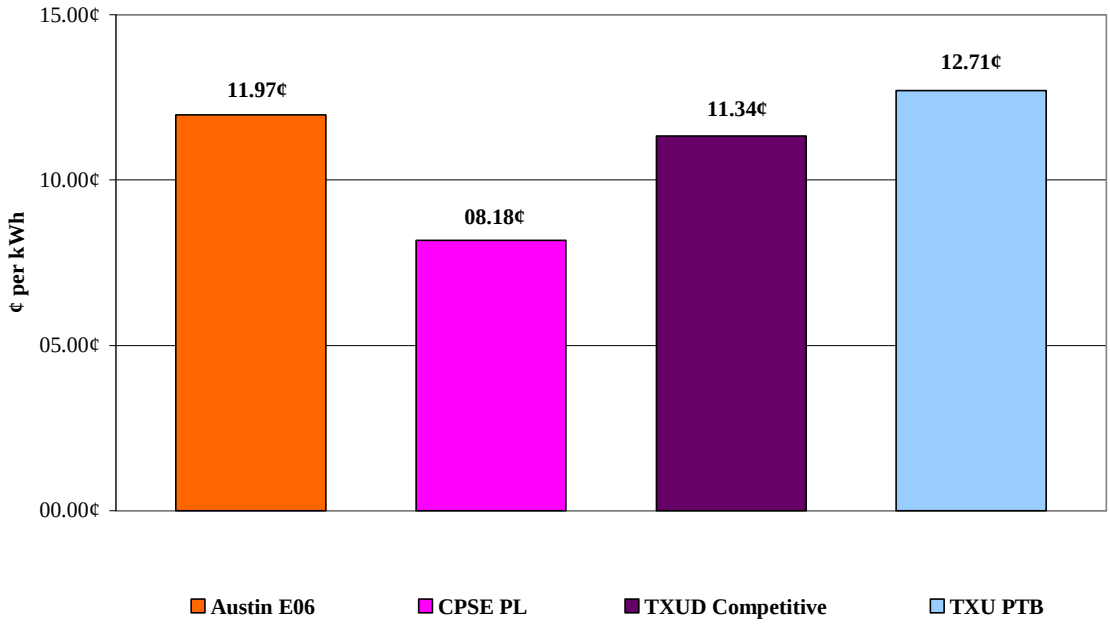
For no demand customers, AE's weighted average price per kWh was:

- 26% less than competitive contracts in CenterPoint's service territory, 30% less than competitive contracts in AEP's service territory, and 32% less than competitive contracts in AEP's service territory;
- 23% less than Reliant's PTB, 58% less than CP&L's PTB, and 28% less than 1st Choice's PTB;
- The second lowest rate of all compared and 21% higher than CPSE's weighted average rate per kWh.

North Central Zone

The North Central Weather Zone begins just north of Austin and includes most of the areas in central Texas, including the Dallas-Fort Worth metroplex. TXU Electric Delivery (TXUD) is the TDU in this zone. The AREP is TXU Energy (TXUE)

Figure 7 - North Central Zone - Weighted Average Cost per kWh for Low Load Factor Customers May 2004 through August 2005

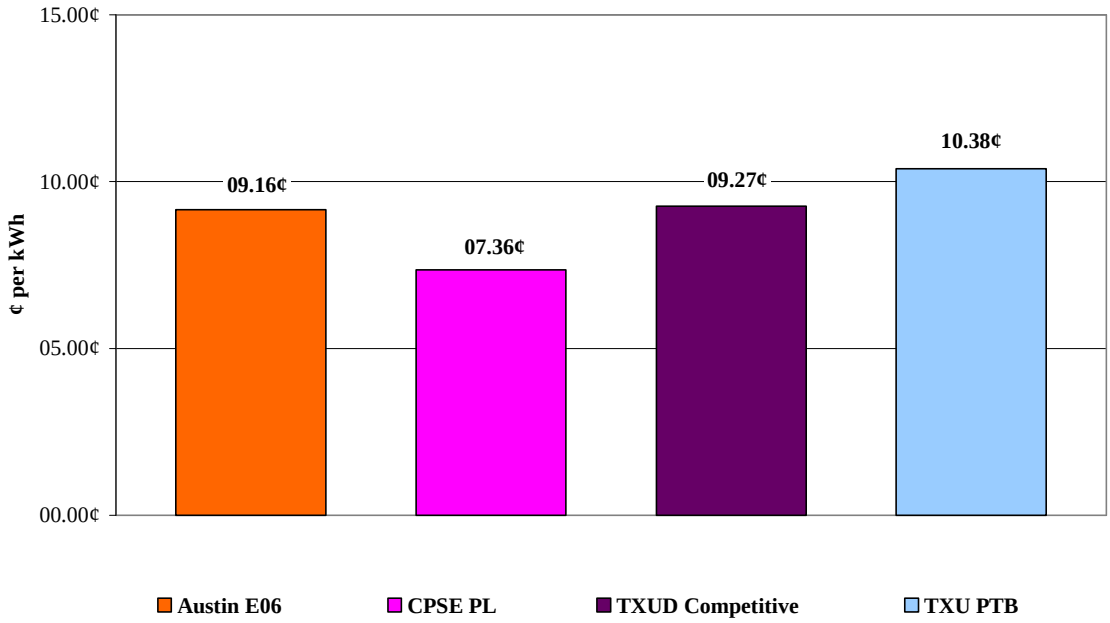


Source: FSA

In comparing the weighted average prices per kWh over the period under review, AE's rate for low load factor customer was:

- 5% higher than the competitive contracts in TXUD's service territory;
- 30% lower than TXUE's PTB;
- The second lowest of all compared and 16% higher than CPSE's weighted average rate.

Figure 8 - North Central Zone--Weighted Average Cost per kWh for Medium Load Factor Customers May 2004 through August 2005

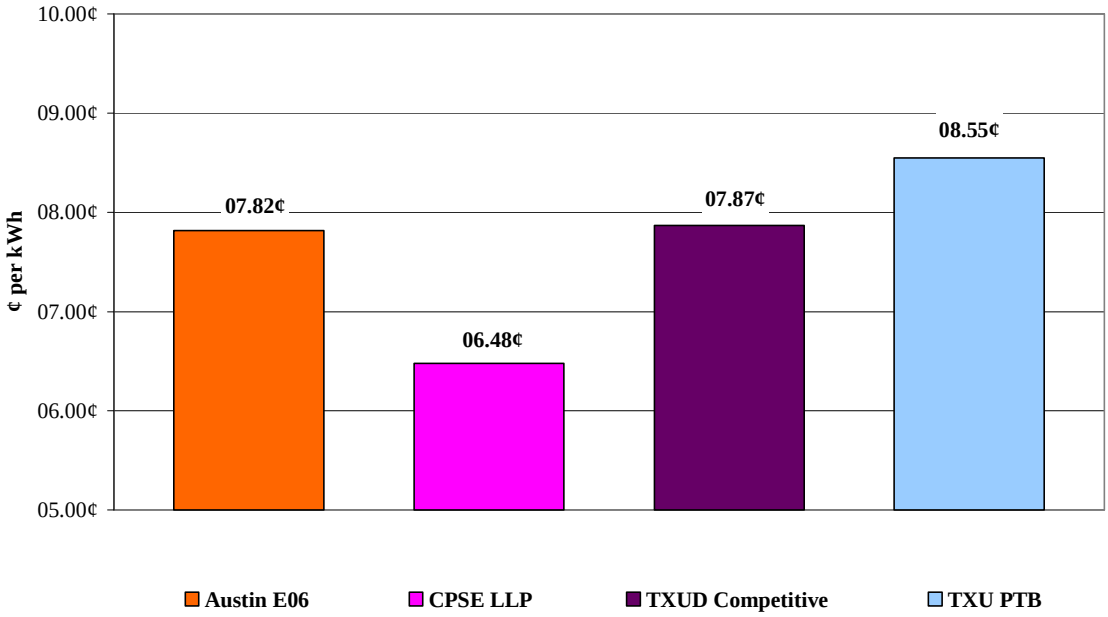


Source: FSA

In comparing the weighted average prices per kWh over the period under review, AE's rate for medium load factor customer was:

- 1% lower than the competitive contracts in TXUD's service territory;
- 13% lower than TXUE's PTB;
- The second lowest of all compared and 20% higher than CPSE's weighted average rate.

Figure 9 - North Central Zone - Weighted Average Cost per kWh
High Load Factor Customers
May 2004 through August 2005

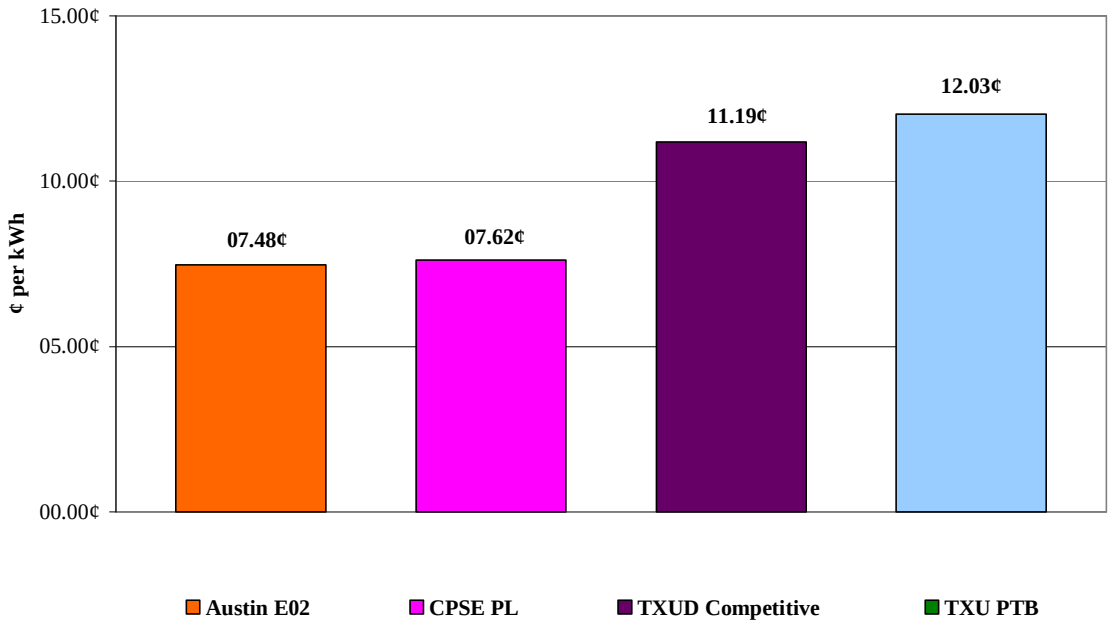


Source: FSA

In comparing the weighted average prices per kWh over the period under review, AE's rate for high load factor customer was:

- 1% lower than the competitive contracts in TXUD's service territory;
- 9% lower than TXUE's PTB;
- The second lowest of all compared and 17% higher than CPSE's weighted average rate.

Figure 10 - North Central Zone - Weighted Average Cost per kWh
No Demand Customers
May 2004 through August 2005



Source: FSA

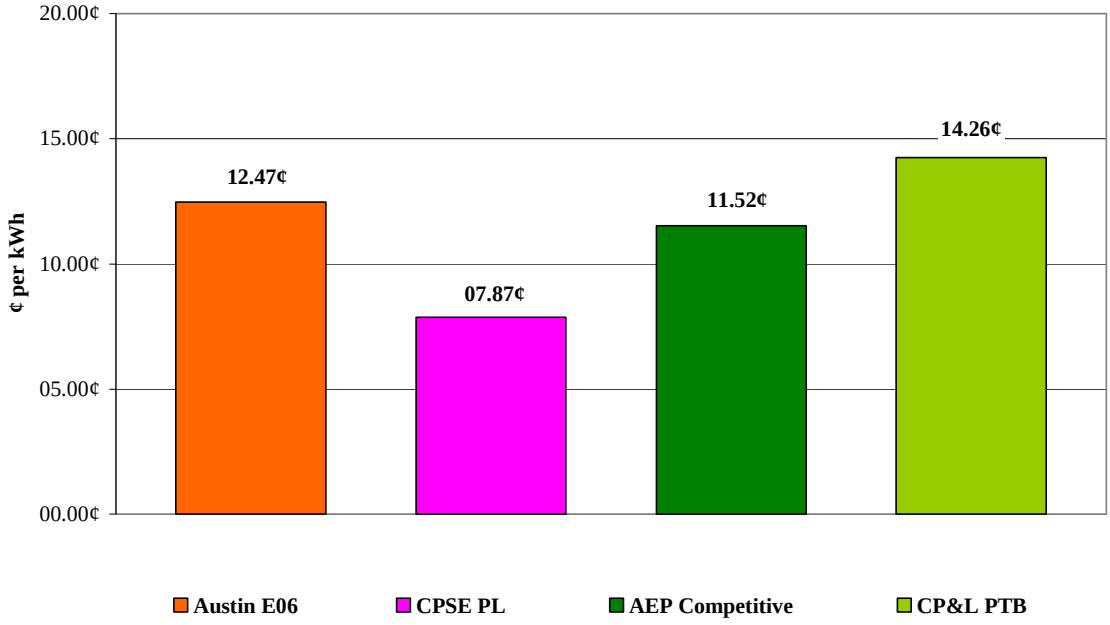
In comparing the weighted average prices per kWh over the period under review, AE's rate for no demand customers was:

- 50% lower than the competitive contracts in TXUD's service territory;
- 61% lower than TXUE's PTB;
- The lowest of all compared and 2% lower than CPSE's weighted average rate.

South Zone

The South Weather Zone is located primarily in the Texas Rio Grande Valley. The largest city in the South Zone is Corpus Christi followed by Laredo. AEP is the TDU for customers in the South Zone. The AREP for this zone is CP&L.

Figure 11 - South Zone - Weighted Average Cost per kWh
Low Load Factor Customers
May 2004 through August 2005

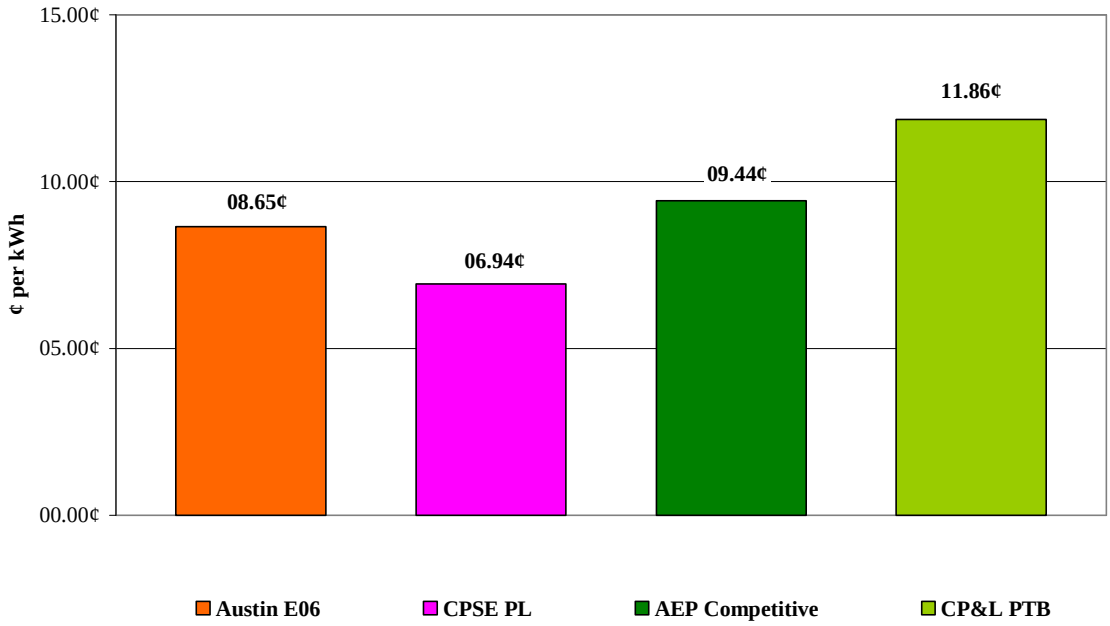


Source: FSA

In comparing the weighted average prices per kWh over the period under review, AE's rate for low load factor customer was:

- 8% higher than the competitive contracts in AEP's service territory;
- 14% lower than CP&L's PTB;
- The second highest of all compared and 37% higher than CPSE's weighted average rate.

Figure 12 - South Zone - Weighted Average Cost per kWh for Medium Load Factor Customers May 2004 through August 2005

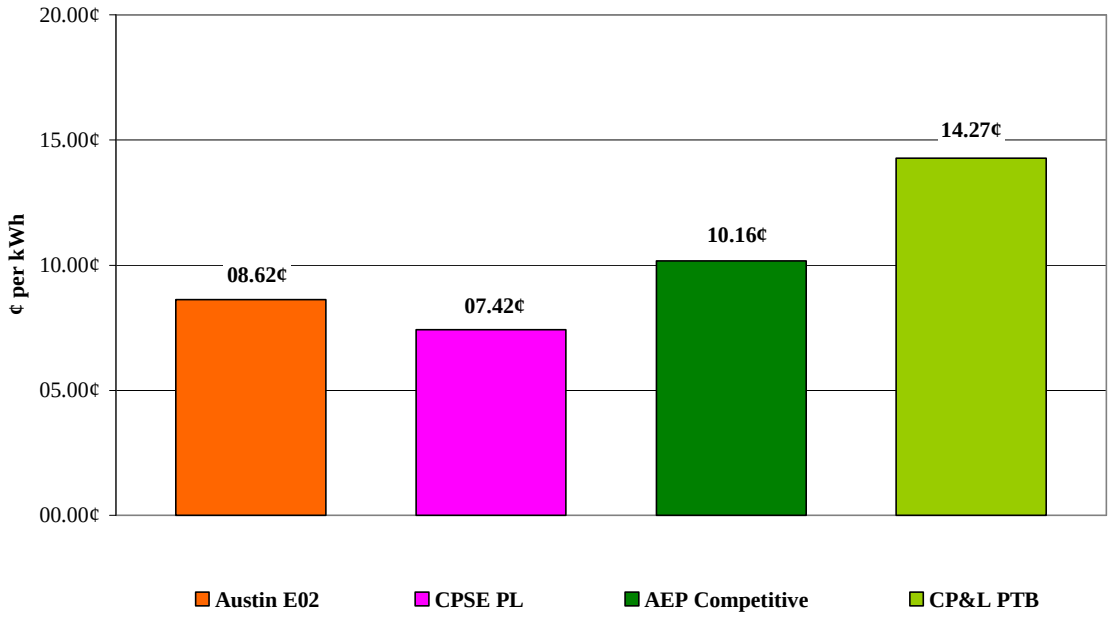


Source: FSA

In comparing the weighted average prices per kWh over the period under review, AE's rate for medium load factor customer was:

- 9% lower than the competitive contracts in AEP's service territory;
- 37% lower than CP&L's PTB;
- The second lowest of all compared and 20% higher than CPSE's weighted average rate.

Figure 13 - South Zone - Weighted Average Cost per kWh
High Load Factor Customers
May 2004 through August 2005

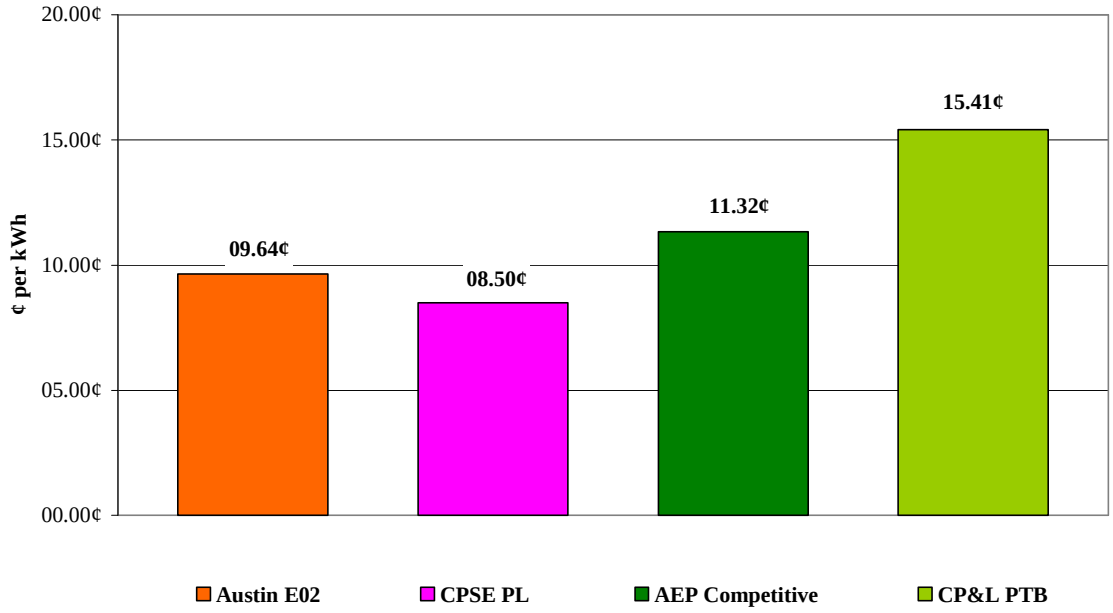


Source: FSA

In comparing the weighted average prices per kWh over the period under review, AE's rate for high load factor customer was:

- 18% lower than the competitive contracts in AEP's service territory;
- 66% lower than CP&L's PTB;
- The second lowest of all compared and 14% higher than CPSE's weighted average rate.

Figure 14 - South Zone - Weighted Average Cost per kWh
No Demand Customers
May 2004 through August 2005



Source: FSA

In comparing the weighted average prices per kWh over the period under review, AE's rate for no demand customers was:

- 17% lower than the competitive contracts in AEP's service territory;
- 60% lower than CP&L's PTB;
- The second lowest of all compared and 12% higher than CPSE's weighted average rate.

The second price comparison used data supplied by AE for 13 business segments. The annual cost of the electricity was calculated using tariffs in place at January 2006 and included AE's increase in the fuel factor. The business segments were:

- Grocery Store
- Mid-size Manufacturer
- Small to Mid-sized Health Care Facility
- Commercial Warehouse
- Restaurant
- Hotel/Motel
- Large Office
- Public Elementary or Secondary School
- Small Office Building
- Light Manufacturer
- Large Manufacturer
- Hospital

The following table presents the total annual cost for electricity for each of the business segments.

Table 2: Price Comparison by Business Segments

Service Territory	Load Factor	Usage Statistics	AE	CPSE	CenterPoint		TXU Delivery		AEP/TCC		TNMP	
Business Segment	Percent %	kWh	$/kWh	$/kWh	Reliant PTB $/kWh	Comp Contract $/kWh	TXU PTB $/kWh	Comp Contract $/kWh	CPL PTB $/kWh	Comp Contract $/kWh	1st Choice PTB $/kWh	Comp Contract $/kWh
Large Manufacturer *	76.64%	25,730,154	**0.0697**	**0.0489**	**N/A**	**0.1068**	**N/A**	**0.0993**	**N/A**	**0.1054**	**N/A**	**0.1077**
Public Elementary/ Secondary School	27.90%	801,600	**0.0856**	**0.0686**	**0.1560**	**0.1296**	**0.1461**	**0.1307**	**0.1769**	**0.1266**	**0.1841**	**0.1295**
Hospital *	78.07%	27,652,398	**0.0685**	**0.0482**	**N/A**	**0.1062**	**N/A**	**0.0990**	**N/A**	**0.1051**	**N/A**	**0.1072**
Grocery Store	69.48%	4,382,000	**0.0712**	**0.0526**	**0.1280**	**0.1105**	**0.1203**	**0.1107**	**0.1498**	**0.1111**	**0.1533**	**0.1125**
Large Office Building	30.24%	157,880	**0.1006**	**0.0739**	**0.1483**	**0.1286**	**0.1468**	**0.1292**	**0.1717**	**0.1252**	**0.1762**	**0.1280**
Hotel/Motel	45.84%	594,320	**0.0854**	**0.0663**	**0.1386**	**0.1212**	**0.1292**	**0.1205**	**0.1577**	**0.1179**	**0.1607**	**0.1196**
Restaurant	33.04%	162,080	**0.1015**	**0.0747**	**0.1519**	**0.1303**	**0.1476**	**0.1294**	**0.1738**	**0.1254**	**0.1770**	**0.1282**
Private College Business School	40.67%	349,120	**0.0886**	**0.0677**	**0.1407**	**0.1228**	**0.1331**	**0.1224**	**0.1606**	**0.1195**	**0.1638**	**0.1214**
Commercial Warehouse	29.80%	156,640	**0.1085**	**0.0793**	**0.1542**	**0.1333**	**0.1528**	**0.1325**	**0.1797**	**0.1325**	**0.1852**	**0.1318**
Small/Mid-Sized Health Care Facility	44.25%	569,040	**0.0881**	**0.0681**	**0.1408**	**0.1224**	**0.1315**	**0.1217**	**0.1599**	**0.1192**	**0.1639**	**0.1210**
Mid-Sized Manufacturing	29.99%	404,600	**0.1120**	**0.0838**	**0.1571**	**0.1323**	**0.1525**	**0.1319**	**0.1828**	**0.1297**	**0.1914**	**0.1330**
Small Office Building	No Demand	16,681	**0.0988**	**0.0703**	**0.1565**	**0.1386**	**0.1570**	**0.1370**	**0.1997**	**0.1364**	**0.1459**	**0.1403**
Light Manufacturing	No Demand	15,122	**0.0902**	**0.0624**	**0.1371**	**0.1389**	**0.1484**	**0.1376**	**0.1936**	**0.1370**	**0.1427**	**0.1406**

Legend: Comp means Competitive Contract
* Not eligible for the PTB
Source: FSA

IV. CONTRACTS, BILLING AND CUSTOMER SERVICE PRACTICES

The following sections describe the manner in which retail supply contracts are administered in ERCOT's competitive market. The information was drawn from contract and bill reviews, as well as discussions with REPs. Each component of a REP's contract affects the ultimate price paid for electricity. A contract's terms and customer service affect the relationship with the REPs. The bill presentation and content enables a customer to confirm that the amount they are paying reflects the terms and conditions of the contract.

A. Contract Terms and Conditions

Term: While contracts may be written for any time period, the most common terms are 6, 12 and 24 months. Some of the contract terms begin on the day the contract is signed. Others stipulate that the contract begins on the day that the service is initiated and ends 12 months from the original date of signing. Since the time required to process a "switch request" through ERCOT's Central Registration System can range from 10 to 45 days, this can result in a customer receiving power for less than the stated term of the contract bid.

Service beyond contract expiration: Following the expiration date of a contract, some of the REPs extend service on a month-to-month basis. The contract rate can be extended until the REP decides to increase the rate on a unilateral basis or change the rate structure. In some cases, the cost for service beyond the term of the contract is based on the MCPE with the pass-through of the delivery charges plus an "adder" or "monthly service fee" that incorporates administrative costs and margin. Any Customer Service Charge or Monthly Meter Fee would continue to be charged. Some contracts state that the rate will be the higher of the MCPE or the contract rate they currently have.

Other providers choose to "drop" or request that certain customers be switched to the AREP that services the customer's location. Others choose to request that the customer be switched to the "Provider of Last Resort" for the customer's location. This is a matter of company policy that could result in a customer paying the PTB or the POLR rate, which is much higher than the PTB.

Provider of Last Resort (POLR): All customers in the restructured market are assured continuity of service if the contract with a current REP is terminated due to the customers' failure to pay or due to a REPs withdrawal from the market. There was a bidding process conducted and various

REPs have the right and obligation to provide electricity to the customer at a fixed rate. This rate is approximately 125% of the PTB. In addition, POLR customers may be required to pay a deposit regardless of their past payment history. Despite the presence of the POLRs, REPs are increasingly transferring customers to the AREPs so that the customers are placed on the PTB. The AREP must accept the customer or the customer will be transferred to the POLR. The restructuring legislation calls for all PTB customers to be transitioned to the competitive market on January 1, 2007, which will preclude REPs from using this mechanism after that date. Unfortunately, the timing constraints o and protocols ERCOT have resulted in customers paying higher rates and being threatened with disconnection even if they had already signed a competitive contract before they were dropped to POLR.

Contract extensions prior to termination: Most REPs provide the REP and/or Customer with the option to request a change to the original Contract Term and/or Contract Price due to changing market conditions. The parties mutually agree to "blend and extend" the current contract based upon a calculation of the weighted volumetric average price of the remainder of the initial Contract and the additional Term and Price. Pricing for the additional term will be relative to the current market conditions and will use a similar calculation methodology as that for the original Contract. In the event that the REP and the Customer are unable to negotiate a new Agreement for the "blend and extend" option, the terms and conditions of this Agreement shall remain in full force and effect.

Cancellation: Contracts provide for cancellation for failure to pay after notification of failure to pay. Some provide for cancellation for a "material" change in usage or a change in location. Others require a notice period before the customer changes location.

If the customer is determined to be the cause of cancellation, the contract calls a commercially reasonable settlement based upon replacement value of the transaction plus losses and costs incurred. The stated fees range from cancellation fees of $200, plus possible liquidated damages, to three times the average monthly expected usage times the number of remaining 12 month periods times the contract rate.

Deposit and credit requirements: Deposits are generally required for those customers who cannot show a satisfactory payment history with another utility or a credit score that reflects an ability to pay. If there is no utility payment history or established credit rating, the customer may be asked to pay a deposit. The deposits range from a stated formula of the greater of either the sum of the

estimated billings for two months or 1/5 of the estimated annual billing to a seemingly arbitrary amount of $2,500.

Changes in consumption: Some of the REPs have no stated amount for the limits of the changes in consumption that may trigger a change in rate. A change in the contract rate or terms may be triggered by a "material change." Other REPs have stated "collars" or "bandwidth" that allows the REP to initiate changes. The consumption charge may also trigger a cancellation of the contract at the REP's discretion. The consumption charge generally states that, if for a number of consecutive months, usage is less than *x*% or more than *x*%, an adjustment will be made in the rate charged either for all the electricity delivered or the incremental portion exceeding the "collar." An adjustment notification may be sent that reflects the incremental effect of such change. If the customer refuses to pay the adjusted rate, they will be cancelled and pay the cancellation fee, as well as all electricity at the new adjusted rate until they are switched. Customers can request pricing for contracts with various levels of bandwidth at the time that bids are requested.

B. Billing and Payment Practices

Monthly standing charge: Some REPs choose to charge a monthly fee that is called a service fee, standing charge, customer charge or meter charge. Currently, that fee ranges from $5.99 per ESID to $15.99 per ESID.

Delivery charges: These are the fees charged by the TDU. These charges are "passed through" by the REPs and the REPs are not responsible for verifying the charges. In addition, the TDU may require the REPs to pass through other out-of-the-ordinary charges, including construction charges, connection fees, priority disconnect fees, reconnection fees, service call fees, special meter reading fees and denial of access to meter fees. The "disconnect" between the consumer and the TDU or "wires company" is a major source of dissatisfaction with customers that have entered the competitive market. The tariff for these charges requires an intimate knowledge of utility ratemaking and, therefore, the average consumer is not able to verify this charge.

Energy or electricity charge: This is the rate charged per kWh and remains a flat rate for the duration of the contract.

Fuel adjustment charge: The REP may choose to charge a fuel adjustment fee based on the current cost of fuel. These are not common in the restructured market as most customers contract for a fixed rate for the term of their contract. A major AREP has just begun offering a rate that would allow

for a decrease in the rate if the natural gas market declines and a "cap" or ceiling on the potential increase should the natural gas market increase.

Power factor charge: A power factor of one or "unity power factor" is the goal of any electric utility company since if the power factor is less than one, they have to supply more current to the user for a given amount of power use. In so doing, they incur more line losses. They also must have larger capacity equipment in place than would be otherwise necessary. As a result, a customer may be charged a penalty if its power factor is much different from 1. The threshold for the penalty from AE is 85%. CPSE's threshold is 85%. The TDU threshold is 95%. CenterPoint's charges for demand on a KVA basis, therefore power factor always been power factor charge included in their rates. Other TDUs are rolling out the meters necessary to capture the power factor information. For instance, TXUED began placing meters at their largest customers last year.

Market Clearing Price for Energy (MCPE): The customer may choose to contract the generation charged indexed to the MCPE. This rate is determined every day and is published by zone on the ERCOT Web site. The total charge that the customer pays is the monthly average of the clearing prices times the number of kWh consumed, plus the pass-through of the delivery charges, plus an "adder" or "monthly service fee" that incorporates administrative costs and margin plus the applicable fees and taxes.

Accelerated switching fees: The normal switch rate for a customer is 30 to 45 days from the date of contract signing. The customer can request an "accelerated" or "out-of-sequence" switch by paying a fee to the TDU that is passed through on their first bill from the REP. The accelerated switching fees are charged per meter or ESID and are as follows: TXU Electric Delivery - $7.25, AEP Texas Central -$17.00, Texas New Mexico Power - $15, and Center Point - $8.

Days to payment: Most REPs require customers to pay within 10 days from receipt of invoice. Others require payment within 16 to 20 days. Special arrangements can be made for 30-day terms.

Methods of payment: Some REPs allow for credit card or bank transfers upon request. One AREP still has a number of local offices where they accept payments. Several of the REPs provide for payment on their Web site.

"Levelized" billing: A few REPs provide "budget," "average" or "levelized" billing based on prior levels of consumption or after a certain number of months of payments on time. This allows a

business to pay the average of their monthly bills each month. A "true-up" may occur on a periodic basis that reconciles the average amount with the actual amount based on current consumption.

C. Customer Service Practices

New customer package: REPs vary in the timeliness and consistency of the introductory materials that are provided. These materials vary from a one-page form letter to documents that summarize the customer's contract, rate structure and information related to outages.

Contract expiration notices: The REPs provide letters and billing inserts that notify the customer that they are transitioning from contract status to month-to-month and will be transferred to the AREP or the POLR.

Key accounts: Very few of the REPs actually have key account programs except for the largest customers. Recently, some of the AREPs have begun what they are calling "win back" programs. They have been more engaged with their small and medium commercial customers and are adding active customer retention programs as well.

Web pages: The content and quality of the web sites varies from REP to REP. The more advanced web sites provide everything from usage information to bill paying capabilities. In addition, some sites provide the capability to access current market information related to the natural gas futures market, current and historical ERCOT MCPE data and other energy-related information.

V. CONCLUSIONS

We have assessed the competitiveness of AE's electric rates compared to contract prices offered to the commercial and industrial customers provided by REPs within the restructured areas of the ERCOT and the rates offered CPSE.

We found that:

- AE's weighted average prices for commercial and small industrial customers from May 2004 through August 2005 are generally lower than the weighted average prices for competitive contracts in the Coast Zone for no demand, and the third lowest for medium and high load factor customers. For low load factors, AEs weighted average prices are higher in the Coast Zone.
- In the North Central Zone, AE weighted average prices are higher than the weighted average competitive contract prices for the low load factors, less than the weighted average competitive price for the medium and high low factors, and significantly less than the competitive contracts prices for no demand customers.
- For low load factors, AEs weighted average prices are higher in the South Zone than the competitive contract price. AE's weighted average prices are lower for all other load factors than the weighted average prices for competitive contract in the South Zone.
- AE's prices for commercial and small industrial consumers are higher than the rates offered by CPSE.
- Using the data supplied by AE by business segment, the tariffs in effect as of January 2006 and the averaged bid prices for January 2006, AE's rates are less than any of the rates offered in the competitive market. However, they are on average 30% higher than San Antonio's CPSE rates.
- AE has maintained generally stable rates since the early 1990's. In the competitive market, retail prices change on a daily basis in response to changes in natural gas prices and other market factors. Customers may lock in a fixed rate per kWh for a stated term, contract for prices indexed to the average cost of power on the ERCOT daily market, or (if eligible) stay on the PTB until January 1, 2007.

- While AE's fuel factors have increased by 105% since 2002, TXU, Reliant, Central Power & Light and First Choice Power have increased the fuel factors for their Price-to-Beat commercial customers from 266% to 270% during the same period. From February 2005 to January 2006, CPSE's fuel factor was 20% less than AE's.
- AE's tariffs offer more flexibility in pricing than is currently available in the competitive market to most commercial customers by offering time-of-use options. In the competitive market, time of use rates[1] are not currently available to commercial customers with less than 1 MW. These rates are available in AE's tariffs for customers with as little as 20 kW of demand.
- There is a high correlation between natural gas prices and prices of electricity quoted by CREPs in Texas. The volatility of the natural gas market has created a high level of volatility in electricity prices.
- AE's customer service regulations are easy to obtain and are applied consistently for all customers. Most of the contracts in the competitive market are very complex and vary from provider to provider so it is difficult to compare offers or terms of service. The variety of contract offerings and prices has resulted in frequent occurrences of misleading information distributed by REP's agents and independent brokers.
- AE's bills provide usage and price information for each meter cycle. The bills also include the customer's tariff classification. In the competitive market, the billing presentations and information provided are very different from provider to provider. Even though there is a PUCT Substantive Rule that requires the providers to include all the information needed to verify their charges, most of the Retail Electric Providers refuse to include billed demand information on their bills and many do not break down the TDU charges that are passed through.

[1] In this context, "time of use rates" refers to pricing with fixed and predetermined differentials in prices or rates between different times of the day, different day types (e.g., weekdays vs. weekdays), or different seasons of the year.

- AE does not allow customers to pay their bills via credit card or through bank transfers. Most of the REPs will accept alternative methods of payment – credit card, bank transfers, etc.
- AE does not currently provide consolidated billing. Most of the REPs will provide consolidated billing if the customer requests it and provides the necessary information before the first billing cycle.

In summary, AE's rates are competitive for no demand, medium to high load factor customers, but are generally higher then the competitive contract prices for low load factor customers. AE's rates are generally lower than the PTB rates offered by the affiliated REPs. AE's tariffs are more stable and less reactive to the cost of natural gas. In the competitive areas, providers are more responsive to customers' requests for billing and paying conveniences.

APPENDIX A

Glossary

A

Aggregator
An aggregator represents a group of customers who have banded together, for example, through their religious group, neighborhood association, or employer. Aggregators may recruit members from any location in Texas with electric competition, and all aggregators must be registered with the Public Utility Commission of Texas.

Ancillary Services
Ancillary services support the secure and reliable operation of the transmission system as it moves electricity from generating sources to retail customers. These services – (i.e. Balancing energy and reserves) maintaining the transmission provider's transmission systems within standards set by ERCOT and North American Electric Reliability Council (NERC).

B

Balancing Energy
Balancing Energy represents the change in zonal energy output or demand determined by ERCOT to be needed to ensure secure operation of ERCOT Transmission Grid, and supplied by the ERCOT through deployment of bid Resources to meet Load variations not covered by Regulation Service.

C

Commercially Significant Constraint (CSC)
A constraint in the ERCOT Transmission Grid that is found, through the process described in Section 7, to result in Congestion which limits the free flow of energy within the ERCOT market to a commercially significant degree.

Competitive Retailer (CR)
Municipally Owned Utility or an Electric Cooperative that offers Customer Choice and sells electric energy at retail in the restructured electric power market in Texas; or a Retail Electric Provider (REP) as defined in 25.5 of the PUCT Substantive rules.

Competitive Retailer (CR) of Record
The Competitive Retailer assigned to the ESI ID in ERCOT's database. There can be no more than one CR of Record assigned to an ESI ID for any given time period.

Congestion
The situation that exists when requests for power transfers across a Transmission Facility element or set of elements, when netted, exceed the transfer capability of such elements.

Customer Choice
The freedom of a retail Customer to purchase electric services, either individually or on an aggregated basis with other retail Customers, from the provider or providers of the Customer's choice and to choose among various fuel types, energy efficiency programs, and renewable power suppliers.

D

Demand
Instantaneous or integrated power consumption

Direct Load Control
Controlling select end-use equipment (e.g. A/C, water heaters) for purposes of reducing or increasing energy consumption during select periods.

E

Electric Reliability Council of Texas, Inc. (ERCOT)
A Texas nonprofit corporation that has been certified by the PUCT as the Independent Organization, as defined in §39.151 of PURA, for the ERCOT Region.

Electric Service Identifier (ESI ID)
The basic identifier assigned to each Service Delivery Point used in the registration and settlement systems managed by ERCOT or another Independent Organization

ERCOT Service Fee Schedule
Schedule of fees charged by ERCOT for various services provided to designated Entities, in accordance with these Protocols and/or as approved by the ERCOT Board, and as posted on the MIS.

ERCOT System
The interconnected combination of generation, transmission, and distribution components in the ERCOT Region.

ERCOT System Load
The sum of all High Voltage Direct Current interconnections and Generation Resources metered at the point of its interconnection with the ERCOT System at any given point in time.

ERCOT Transmission Grid
All of those Transmission Facilities which are within the ERCOT Region.

I

Interval Data Recorder (IDR)
Metering Device that is capable of recording Load usage in each Settlement Interval in accordance with Section 9, Settlement and Section 10, Metering.

L

Load
The amount of electric power delivered at any specified point or points on a system.

Load Profile
A representation of the energy usage of a group of Customers, showing the demand variation on an hourly or sub-hourly basis.

Load Profile Type
A classification of a group of Customers having similar energy usage patterns and that are assigned the same Load Profile.

Load Profiling Methodology
The fundamental basis on which Load Profiles are created. The implementation of a Load Profiling Methodology may require statistical sampling, engineering methods, econometric modeling, or other approaches.

Load Serving Entity
An Entity that provides electric service to Customers and Wholesale Customers. Load Serving Entities include Retail Electric Providers, Competitive Retailers, and Non-Opt In Entities that serve Load.

M

Market Clearing Price for Energy
The highest price associated with a Congestion Zone for a Settlement Interval for Balancing Energy deployed during the Settlement Interval.

Market Segment
The Segments defined in Article 2 of the ERCOT Bylaws. The segments are:

- Independent REPs,
- Independent Generators,
- Independent Power Marketers,
- Investor Owned Utilities,
- Municipals,
- Cooperatives, and
- Consumers.

N

Nuclear Decommissioning Charge
Charge included in the TDU or deliver charges that provides funds contained in one or more external and irrevocable trusts created for the purpose of protecting and holding charges

provided by customers so that the funds and the interest earned on the funds are available to be used solely for the decommissioning of nuclear generating units at the end of their useful lives.

O

Outage
Removal of a Facility from service to perform maintenance, construction or repair on the Facility for a specified duration.

Forced Outage
An Outage initiated by protective relay, or manually in response to an observation by personnel or the System Operator that the condition of equipment could lead to an event, or potential event, that poses a threat to people, equipment, or public safety.

Maintenance Outage
Removing Transmission Facility or Resource Facility equipment from service to perform work on specific Facility components that could be postponed briefly. Such work is required to prevent a potential Forced Outage and cannot be postponed until the next Planned Outage. Such Maintenance Outages are classified as follows:

(1) Level 1 Maintenance Outage – Equipment that must be removed from service within twenty-four (24) hours to prevent a potential Forced Outage;
(2) Level II Maintenance Outage – Equipment that must be removed from service within seven (7) days to prevent a potential Forced Outage; and
(3) Level III Maintenance Outage – Equipment that must be removed from service within thirty (30) days to prevent a potential Forced Outage.

P

Planned Outage
Any major or minor Transmission Facility or Resource Facility equipment Outage, other than a defined Maintenance Outage, that is planned and scheduled in advance as submitted to ERCOT.

Power Generation Company
An Entity registered by the PUCT that: (1) generates electricity that is intended to be sold at wholesale; (2) does not own a transmission or distribution Facility in this state other than an essential interconnecting Facility, a Facility not dedicated to public use, or a Facility otherwise excluded from the PURA definition of "electric utility;" and (3) does not have a certificated service area, although its affiliated electric utility or transmission and distribution utility may have a certificated service area.

Power Marketer
An Entity that:

(1) Becomes an owner or controller of electric energy in this state for the purpose of buying and selling the electric energy at wholesale;

(2) Does not own generation, transmission, or distribution Facilities in this state;
(3) Does not have a certificated service area; and
(4) Has been granted authority by the Federal Energy Regulatory Commission to sell electric energy at market-based rates or has registered as a power marketer.

Premise
A Service Delivery Point or combination of Service Delivery Points that are assigned a single Electric Service Identifier (ESI ID) for purposes of settlement and registration.

Price-to-Beat
The bundled rate a Retail Electric Provider that is affiliated with an Entity required to unbundle its electric services, and offer Customer Choice, must charge to residential and small commercial Customers upon initiation of Customer Choice, as further described in Section 39.202 of PURA and PUCT rules.

Proprietary Customer Information
Any information compiled by a Market Participant on a Customer in the normal course of Market Participant's business that makes possible the identification of any individual Customer by matching such information with the Customer's name, address, account number, type of classification service, historical electricity usage, expected patterns of use, types of Facilities used in providing service, individual contract terms and conditions, price, current charges, billing records, or any other information that a Customer has expressly requested not be disclosed. Information that is redacted or organized in such a way as to make it impossible to identify the Customer to whom the information relates does not constitute Proprietary Customer Information.

Provider of Last Resort (POLR)
The designated Competitive Retailer as defined in the PUCT Substantive Rules for default Customer service, and as further described in Section 15.1, Customer Switch of Competitive Retailer.

Q

Qualified Scheduling Entity
A Market Participant that is qualified by ERCOT in accordance with Section 16, Registration and Qualification of Market Participants, to submit Balanced Schedules and Ancillary Services bids and settle payments with ERCOT.

Qualifying Facility
A qualifying cogenerator or qualifying small power producer according to regulatory qualification criteria as defined in PURA.

R

Resource
Facilities capable of providing electrical energy or Load capable of reducing, or increasing the need for electrical energy or providing Ancillary Services to the ERCOT System, as described in

Section 6, Ancillary Services. This includes Generation Resources and Loads acting as Resources.

Retail Electric Provider
A person that sells electric energy to retail Customers in this state. As provided in PURA §31.002(17), a Retail Electric Provider may not own or operate generation assets. As provided in PURA §39.353(b), a Retail Electric Provider is not an Aggregator.

S

Securitized assets
Asset securitization is a process by which particular types of contractually homogenous corporate assets such as loans, leases and receivables are collected into a single entity and legally distributed from the firm originating the assets.

System Benefit Fund
The fund established by the PUCT to provide funding for Customer education programs, programs to assist low-income electric Customers; and the property tax replacement mechanism provided by Section 39.601 of PURA.

System Operator
An Entity supervising the collective Transmission Facilities of a power region that is charged with coordination of market transactions, system-wide transmission planning, and network reliability.

T

Time of Use Metering
A programmable electronic device capable of measuring and recording electric energy in pre-specified time periods. For Load Profiling purposes Time of Use Metering does not include IDRs.

Transition Charge
Amounts to be charged to recover costs of generation plant and other expenses approved by the PUCT for future recovery through rates of the TDUs.

Transmission Billing Determinants
Key parameters and formula components required by a TDSP in determining the billing charges for the use of its Transmission Facilities and/or distribution Facilities.

Transmission Cost Recovery Factor
True-up or semi- annual adjustment to account for variations in the cost of transmission.

Transmission and/or Distribution Service Provider (TDSP)
An Entity that owns or operates for compensation in this state equipment or Facilities to transmit and/or distribute electricity, and whose rates for Transmission Service, distribution service, or both is set by a Governmental Authority.

Transmission Facilities
The following Facilities are deemed to be Transmission Facilities:

(1) Power lines, substation, and associated Facilities, operated at 60 kV or above, including radial lines operated at or above 60 kV.
(2) Substation Facilities on the high side of the transformer, in a substation where power is transformed from a voltage higher than 60 kV to a voltage lower than 60 kV or is transformed from a voltage lower than 60 kV to a voltage higher than 60 kV.
(3) The direct current interconnections with the Southwest Power Pool (SPP), Western System Coordinating Council (WSCC), Comision Federal de Electricidad, or other interconnections.

W

Wholesale Customers
Non-Opt-in entities receiving service at wholesale points of delivery from an LSE other than themselves.

Source: Primarily the Electric Reliability Council of Texas. Modifications or supplementary materials were made or added.

APPENDIX B—Monthly Cost Comparison by Weather Zones

Figure B-1 Monthly Cost Comparison – Coast Zone
Low Load Factor Customers
May 2004 through August 2005

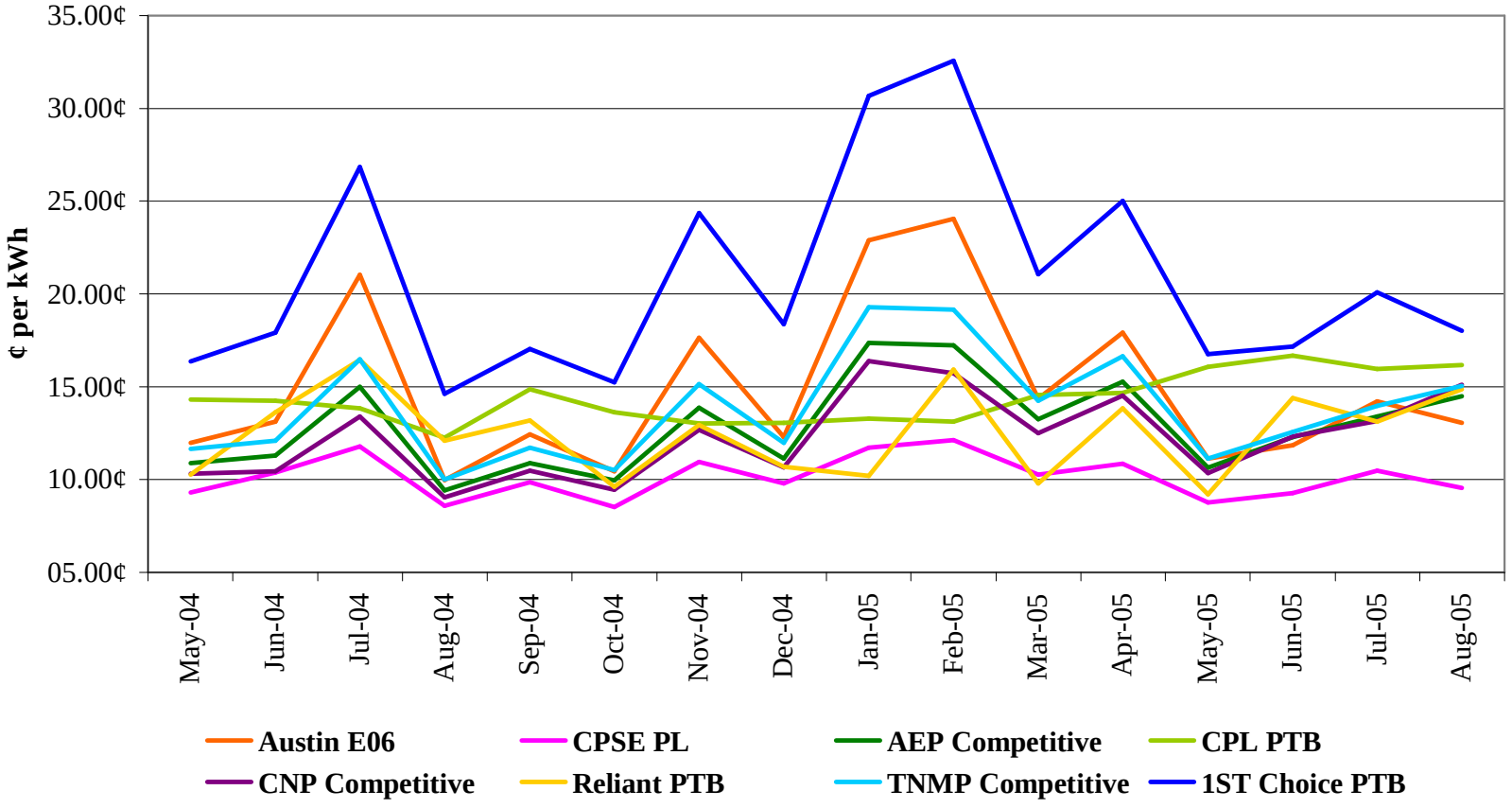


Figure B-2 Monthly Cost Comparison - Coast Zone
Medium Load Factor Customers
May 2004 through August 2005

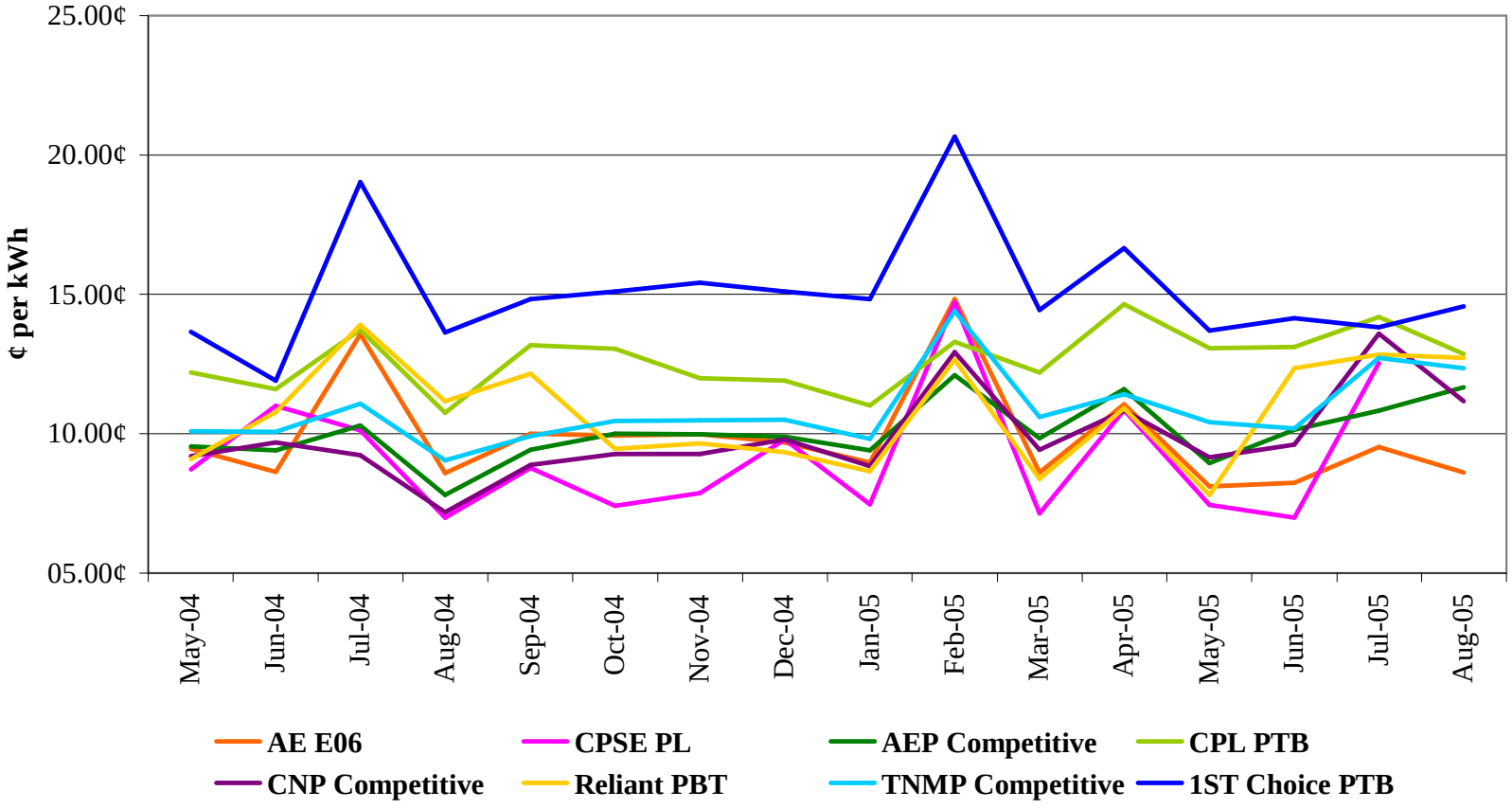


Figure B-3 Monthly Cost Comparison - Coast Zone
High Load Factor Customers
May 2004 through August 2005

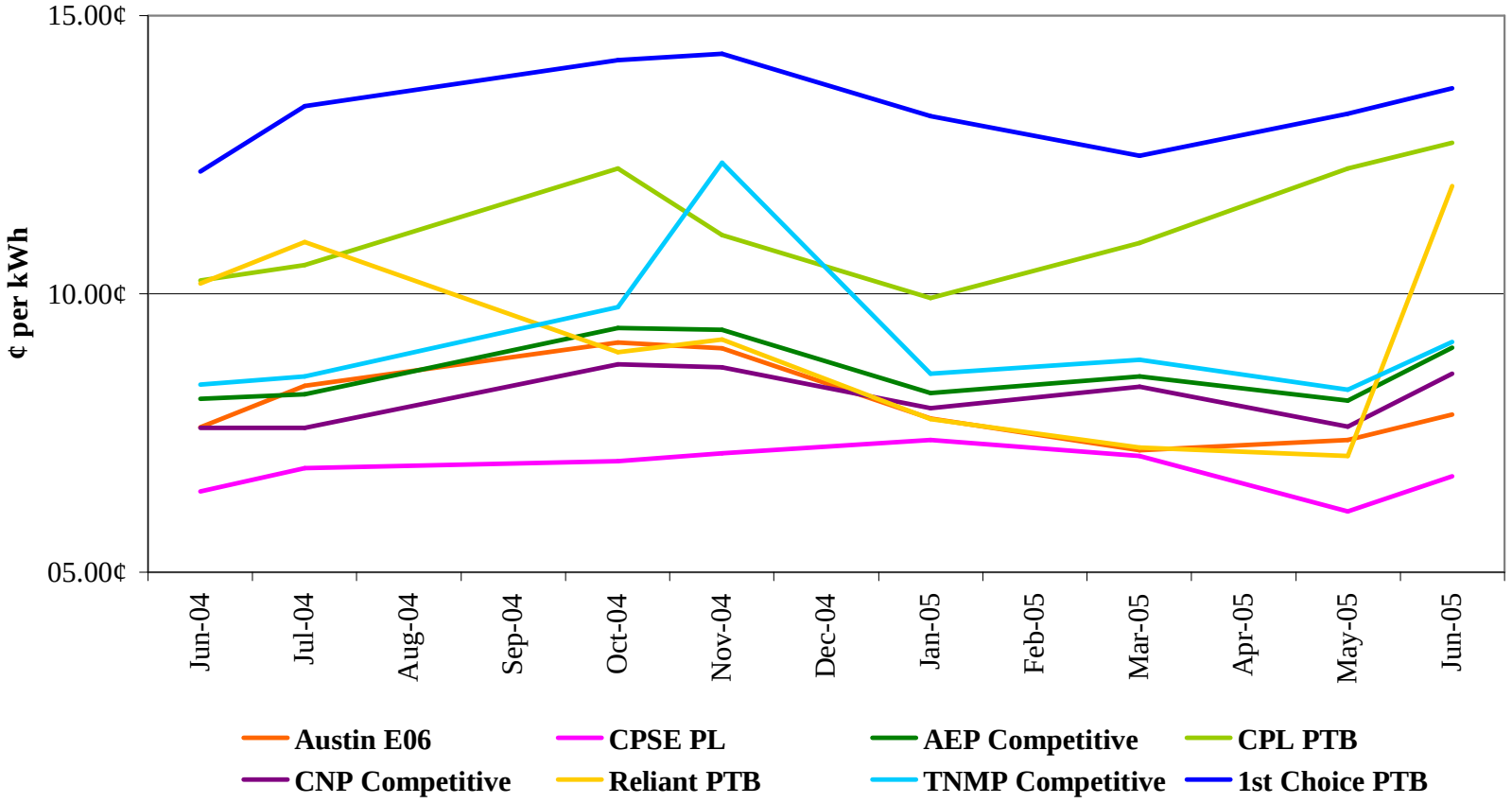


Figure B-4 Monthly Cost Comparison - Coast Zone
No Demand Customers
May 2004 through August 2005

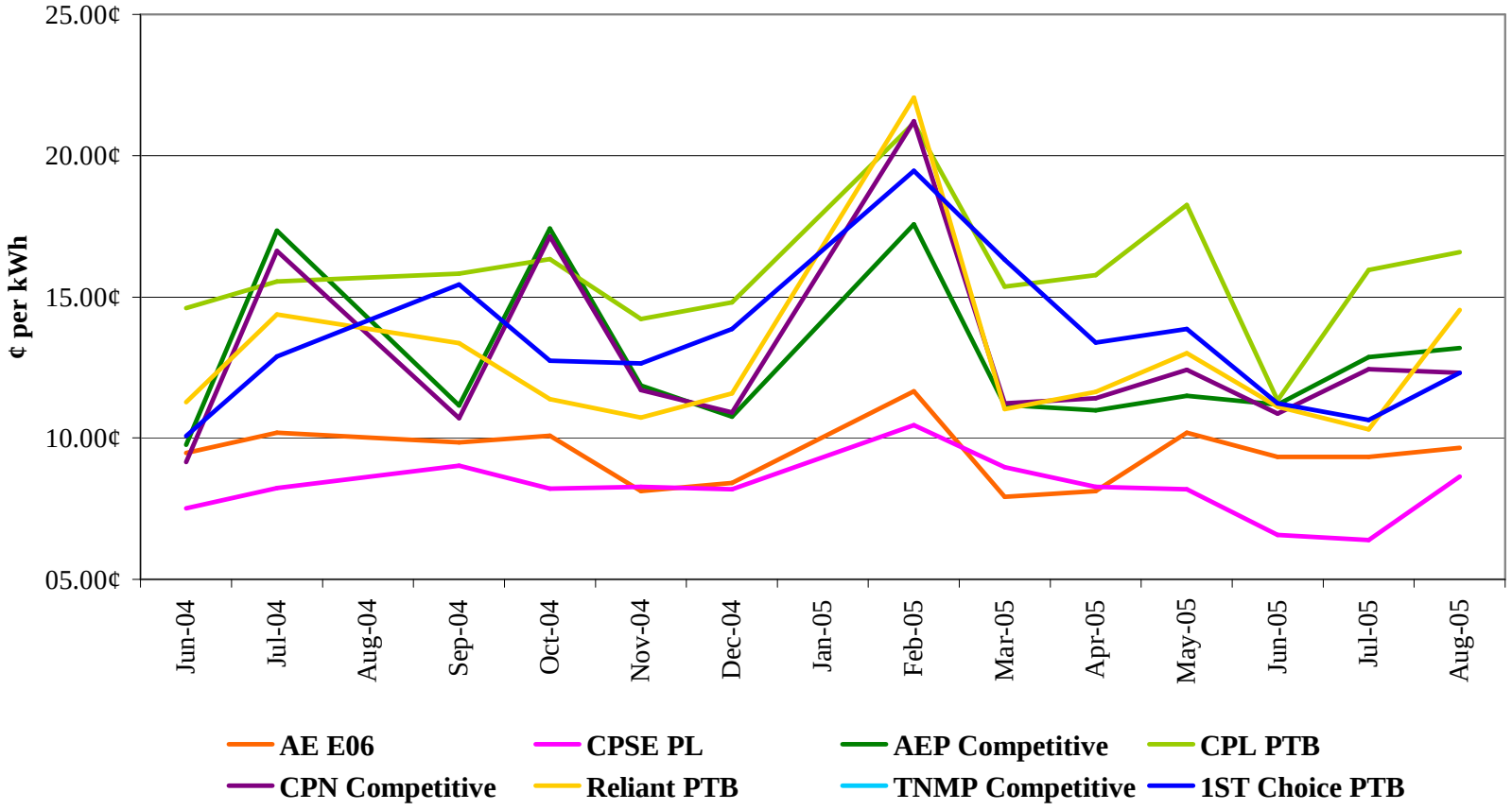


Figure B-5 Monthly Cost Comparison – North Central Zone
Low Load Factor Customers
May 2004 through August 2005

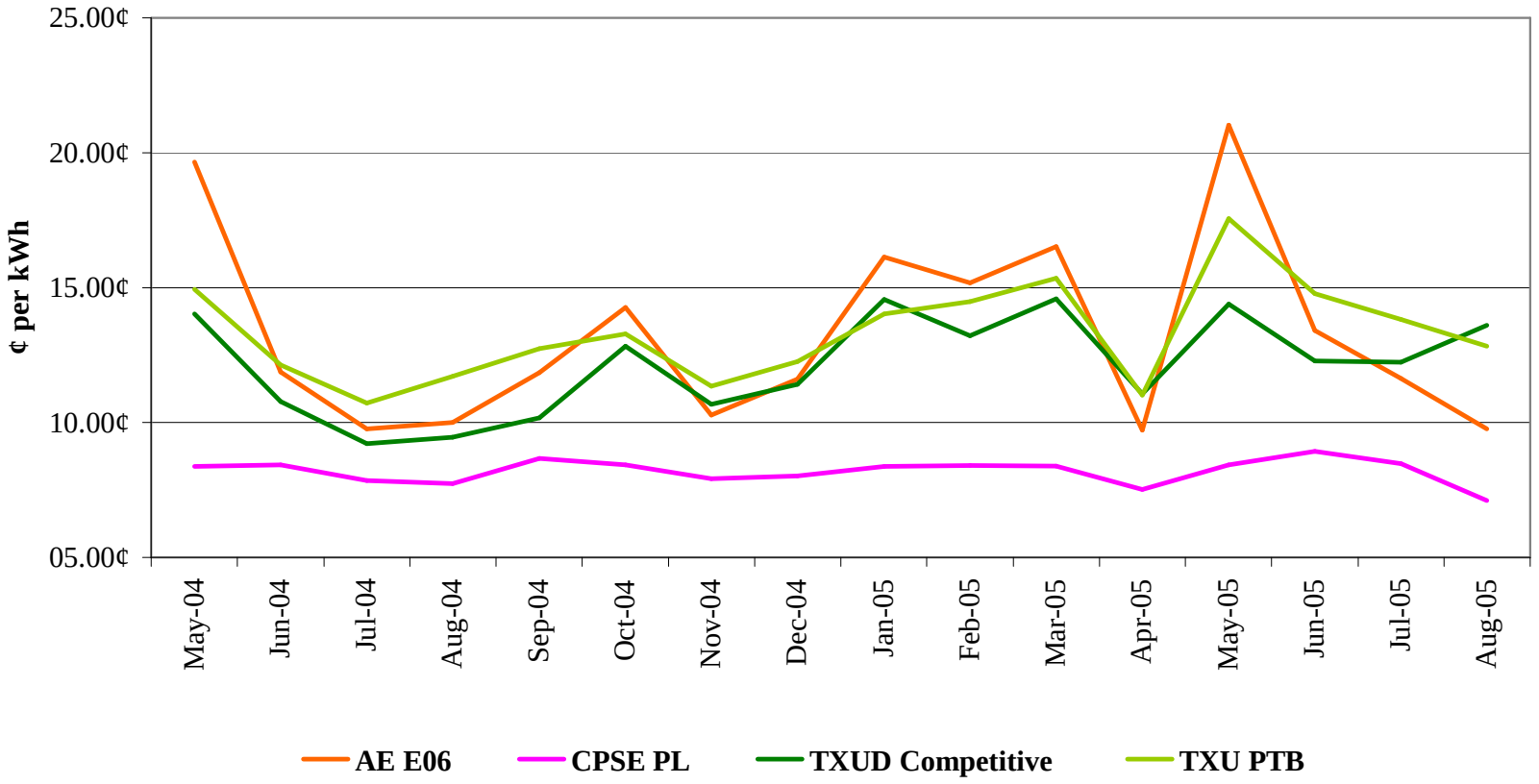


Figure B-6 Monthly Cost Comparison – North Central Zone
Medium Load Factor Customers
May 2004 through August 2005

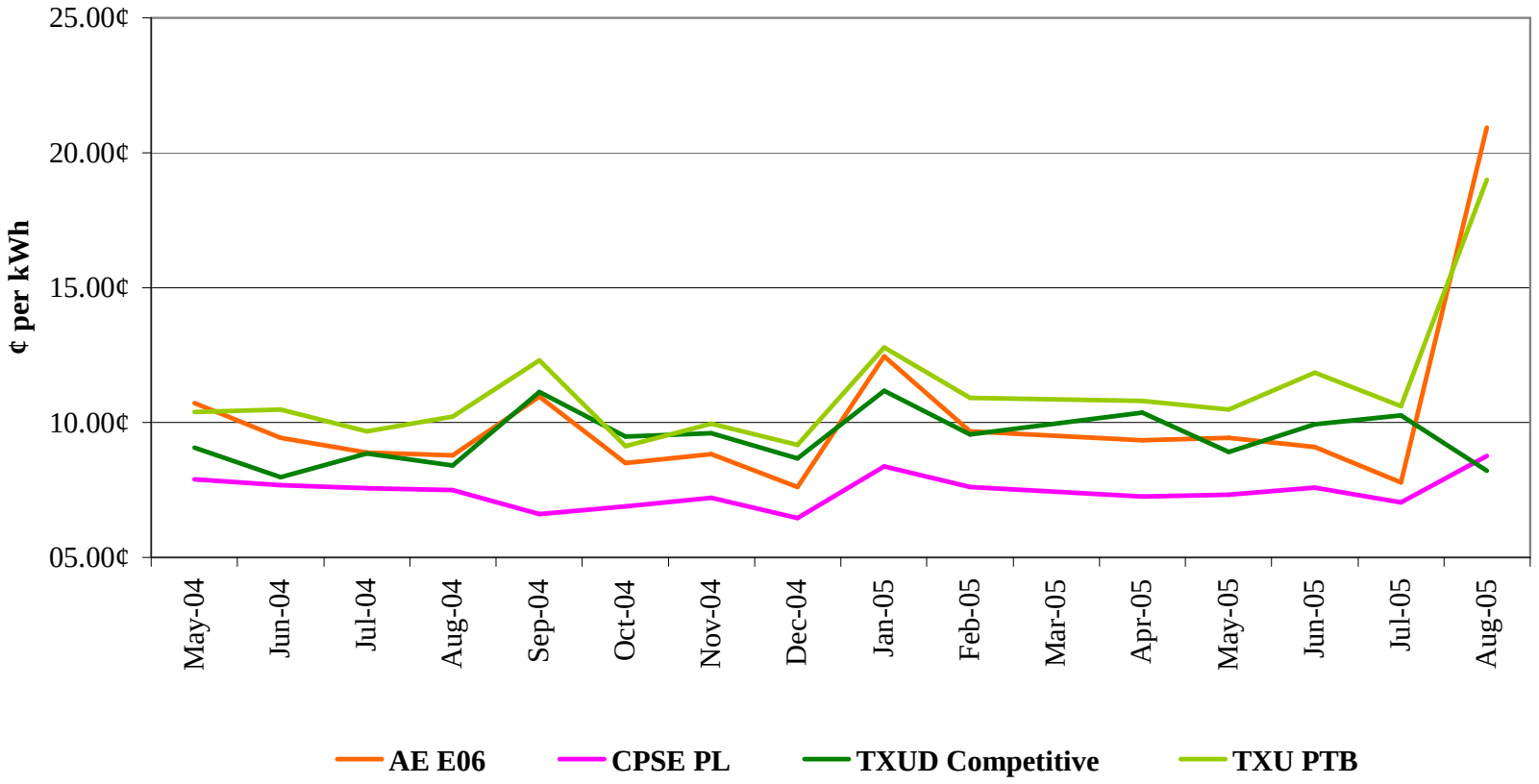


Figure B-7 Monthly Cost Comparison – North Central Zone
High Load Factor
May 2004 through August 2005

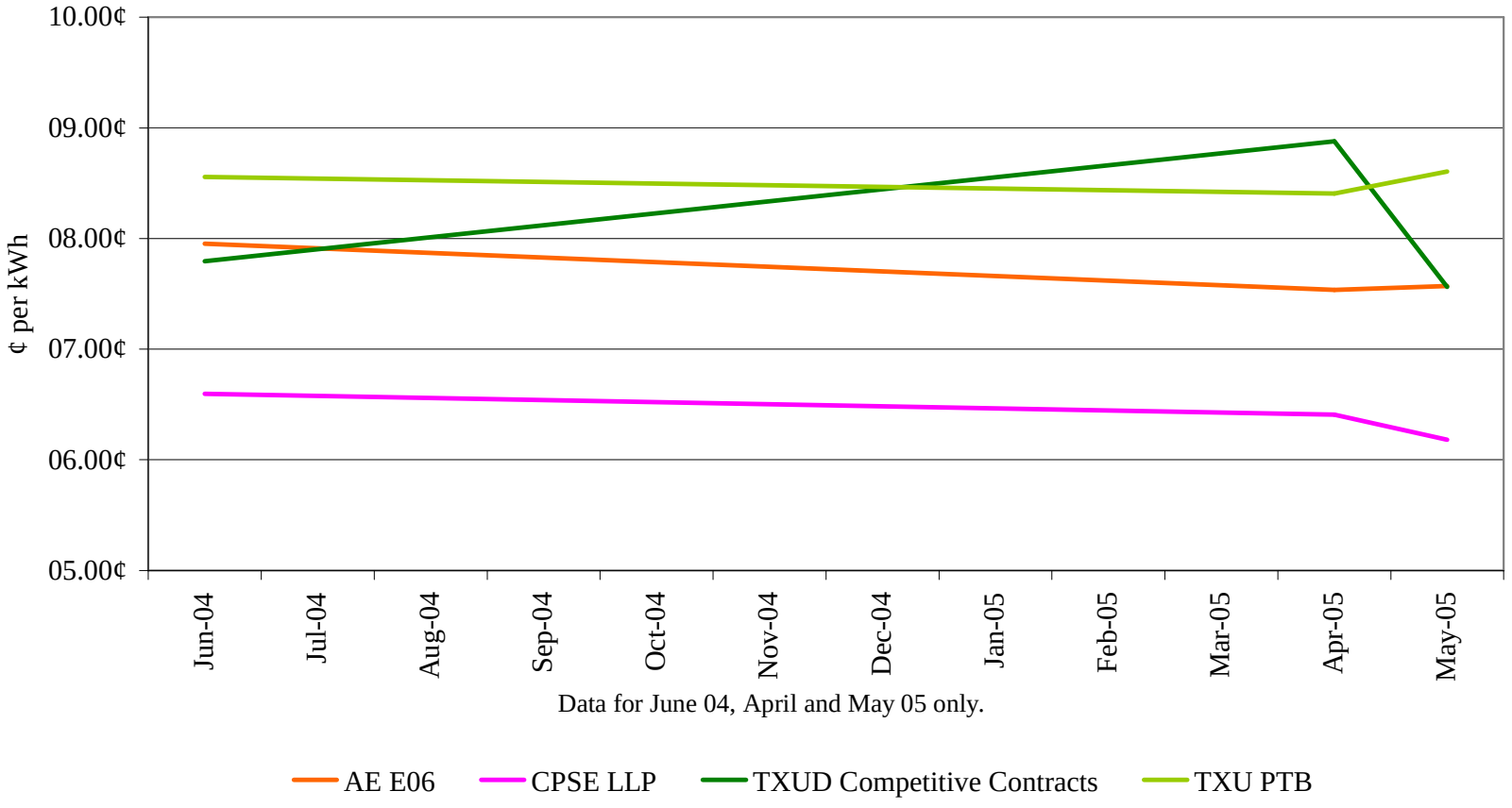


Figure B-8 Monthly Cost Comparison – North Central Zone
No Demand
May 2004 through August 2005

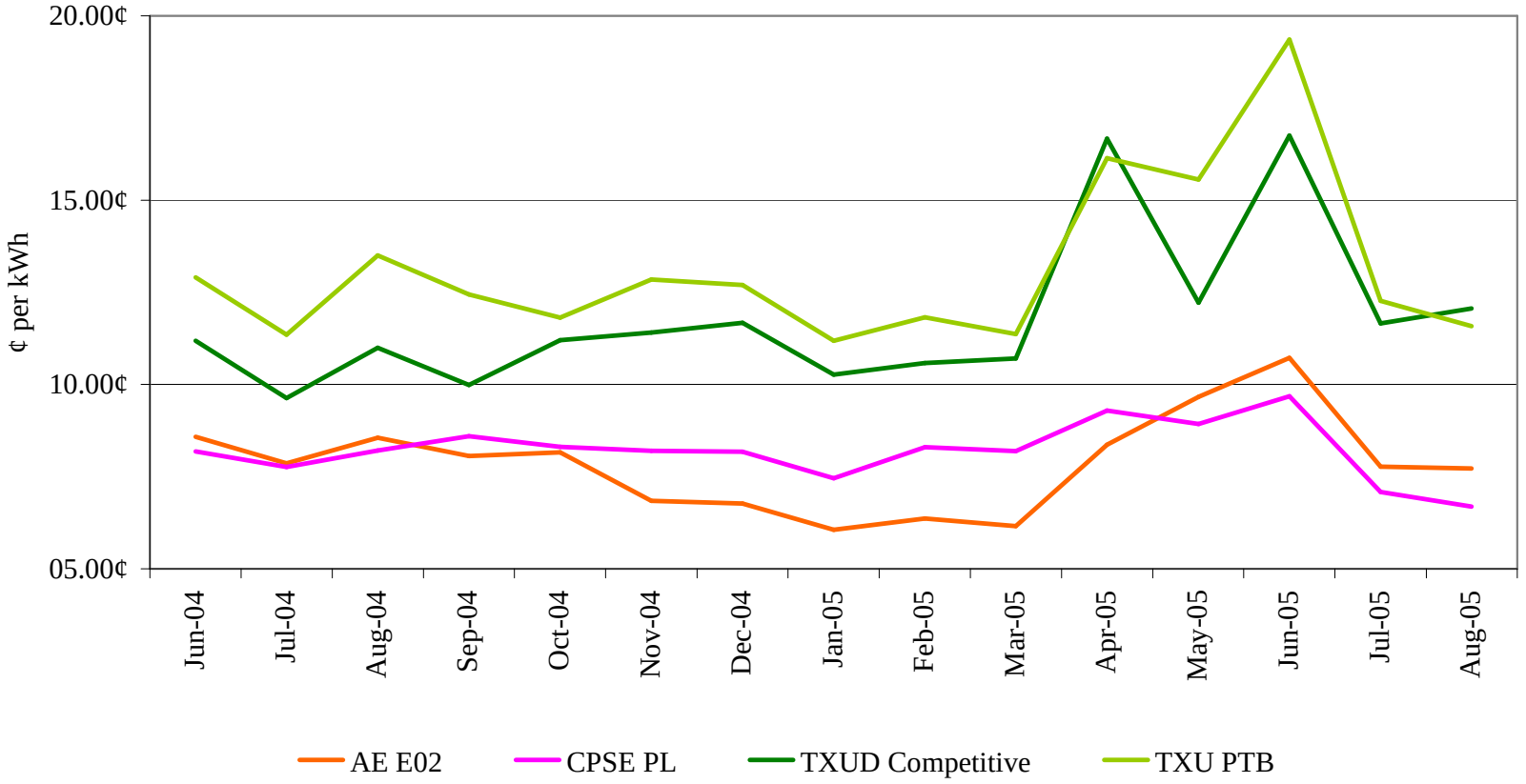


Figure B-9 Monthly Cost Comparison – South Zone
Low Load Factor Customers
May 2004 through August 2005

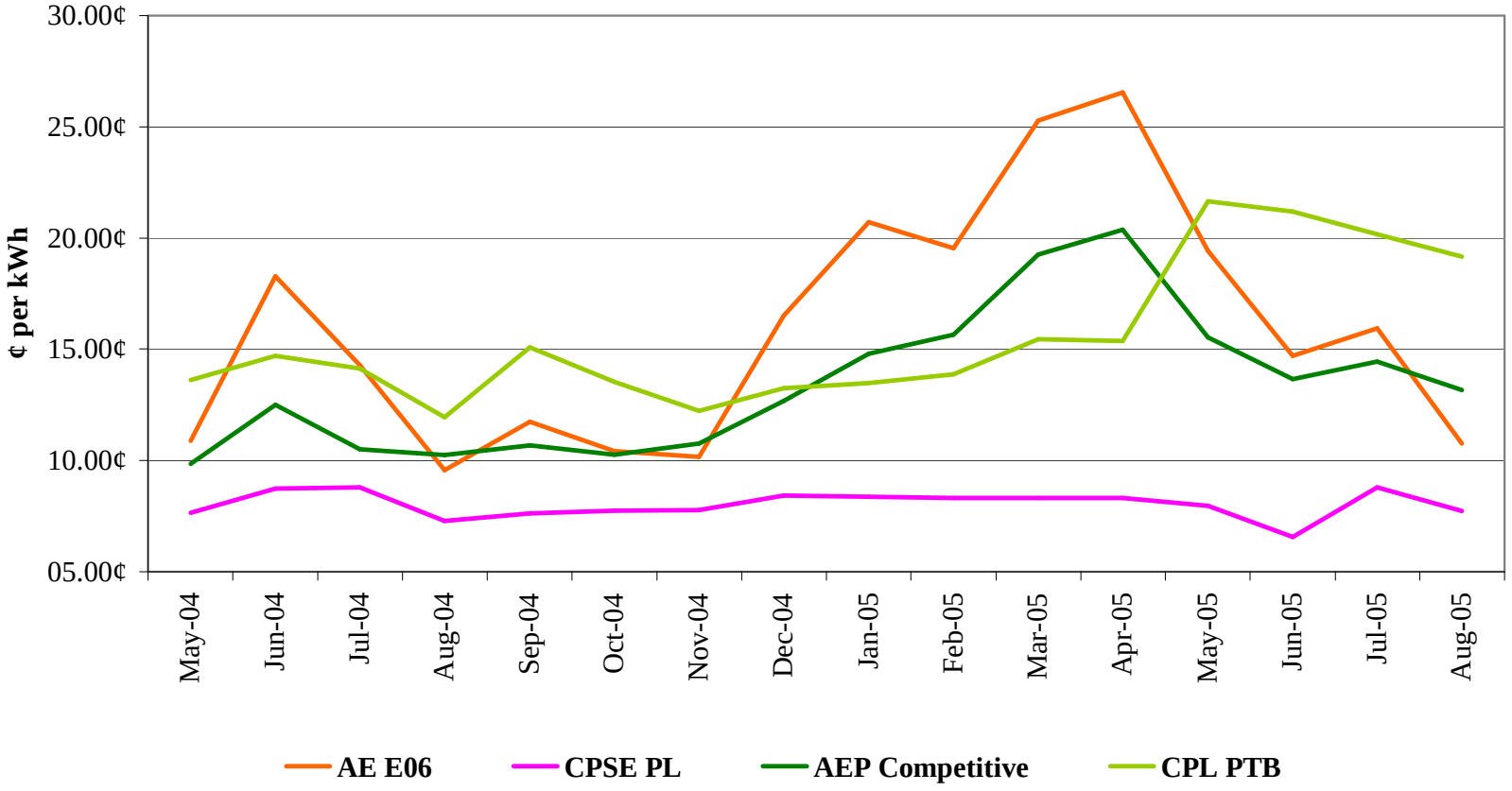


Figure B-10 Monthly Cost Comparison – South Zone
Medium Load Factor Customers
May 2004 through August 2005

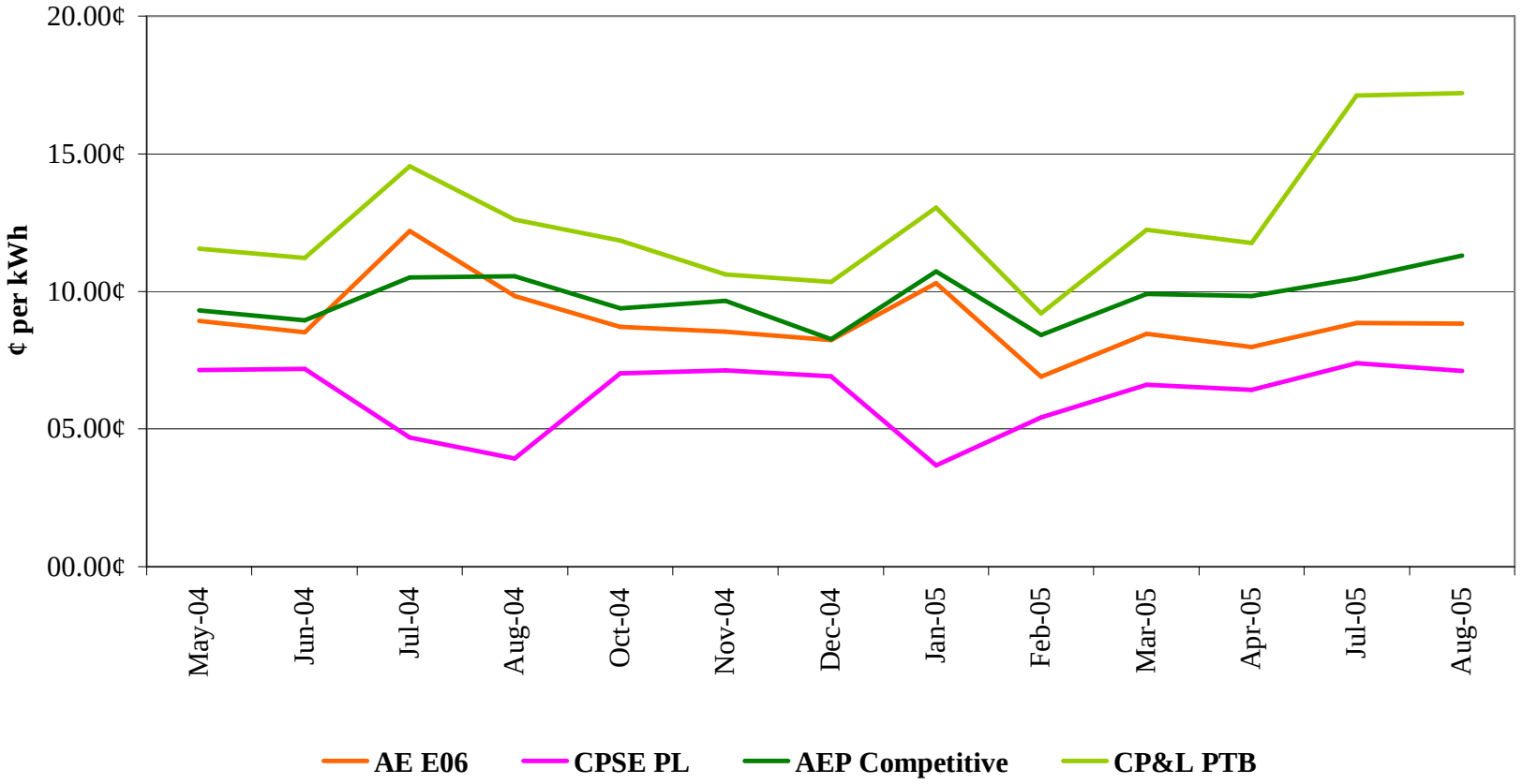


Figure B-11 Monthly Cost Comparison – South Zone
High Load Factor Customers
May 2004 through August 2005

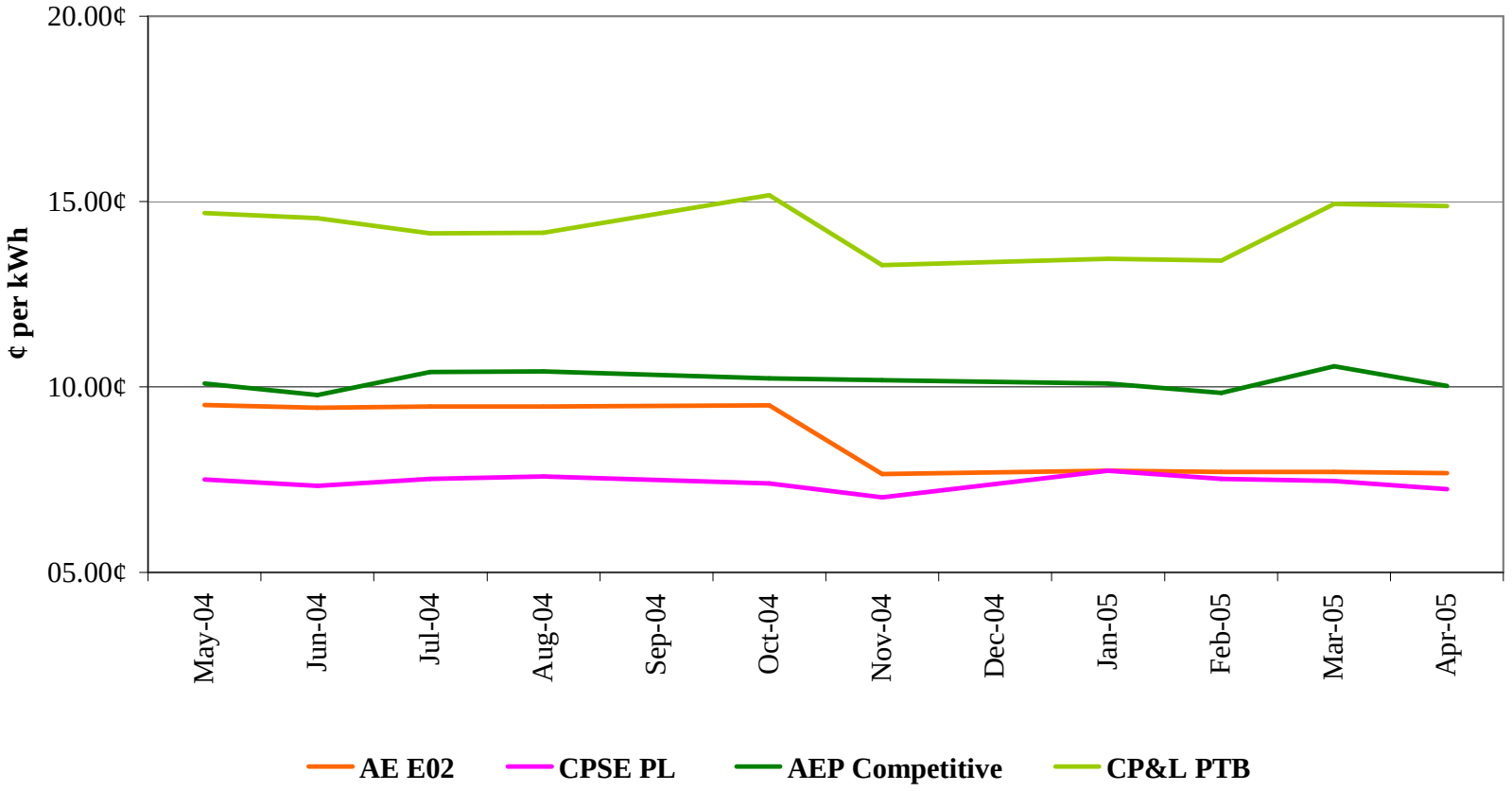
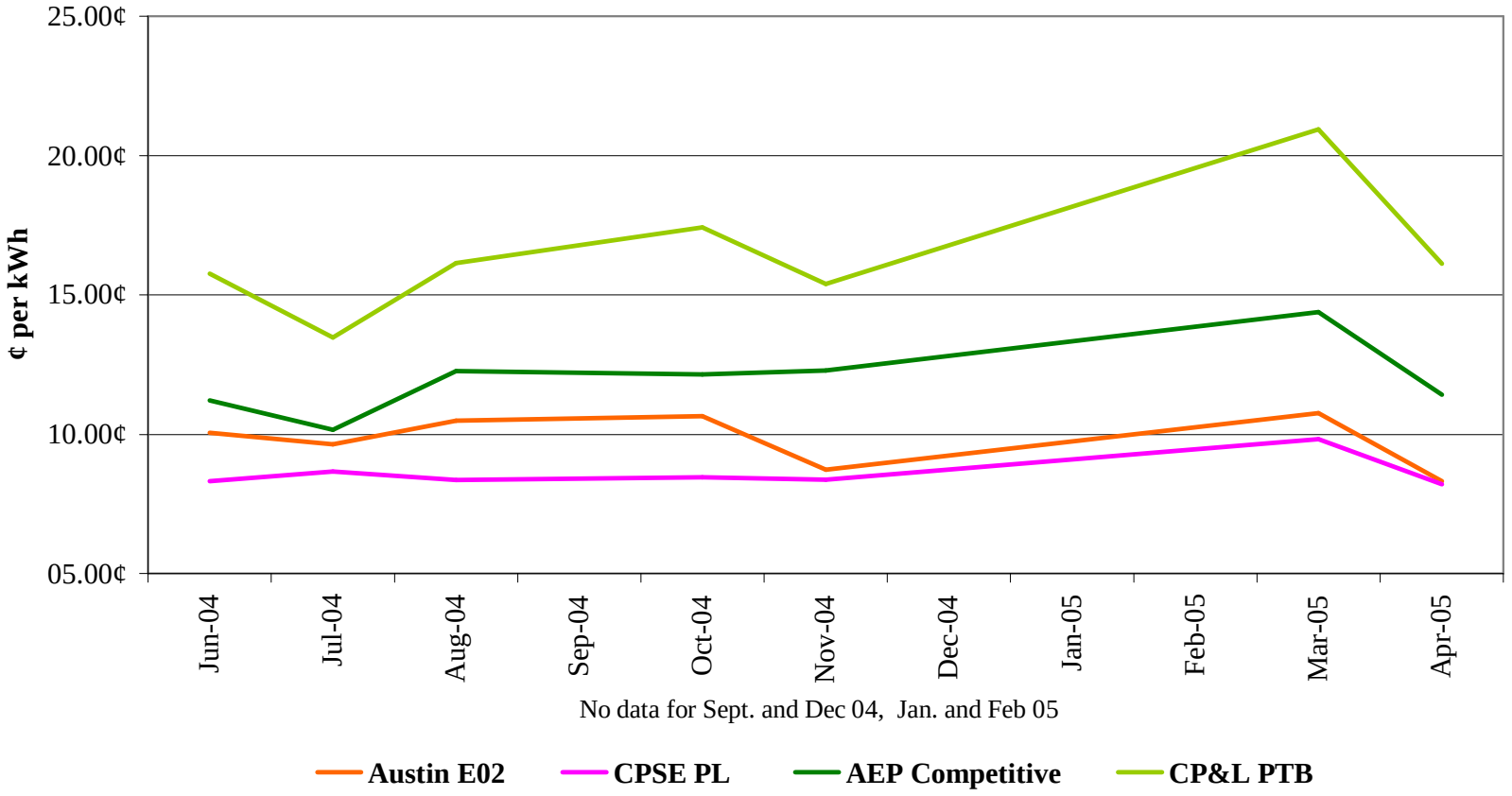


Figure B-12 Monthly Cost Comparison – South Zone
No Demand Customers
May 2004 through August 2005



APPENDIX C

Cost Comparison by Transmission and Distribution Utility Service Areas

The following tables show the price comparison by load profile in AE, CPSE, CenterPoint, TXU, AEP and Texas New Mexico Power Company in the Coast, North Central and South weather zones. The load profiles compared are low, medium and high lead factors as well as for no demand.

TDU AREA CenterPoint Energy (CPN)
Customer Profile Business Low Load Factor
Zone: Coast

Month	Monthly Average kWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	CPN Competitive $ per kWh	CPN Competitive Total Cost	Reliant PTB $ per kWh	Reliant PTB Total Cost
May-04	6,856	36	26%	$ 0.1196	$ 820.18	$ 0.0930	$ 637.83	$ 0.1032	$ 707.48	$ 0.1027	$ 704.08
Jun-04	11,108	68	23%	$ 0.1312	$ 1,457.85	$ 0.1039	$ 1,153.85	$ 0.1045	$ 1,160.33	$ 0.1363	$ 1,513.83
Jul-04	8,131	95	12%	$ 0.2102	$ 1,709.24	$ 0.1179	$ 958.81	$ 0.1342	$ 1,090.92	$ 0.1646	$ 1,338.10
Aug-04	8,090	31	36%	$ 0.0998	$ 807.05	$ 0.0857	$ 693.69	$ 0.0904	$ 731.53	$ 0.1210	$ 978.61
Sep-04	5,252	29	24%	$ 0.1245	$ 653.62	$ 0.0985	$ 517.27	$ 0.1046	$ 549.57	$ 0.1320	$ 693.05
Oct-04	10,080	42	33%	$ 0.1044	$ 1,052.54	$ 0.0853	$ 860.02	$ 0.0944	$ 951.15	$ 0.0960	$ 967.47
Nov-04	7,712	79	13%	$ 0.1762	$ 1,359.06	$ 0.1095	$ 844.73	$ 0.1267	$ 977.40	$ 0.1295	$ 998.43
Dec-04	6004	37	23%	$ 0.1229	$ 737.68	$ 0.0980	$ 588.53	$ 0.1068	$ 640.98	$ 0.1068	$ 641.30
Jan-05	2,931	42	9%	$ 0.2291	$ 671.41	$ 0.1173	$ 343.75	$ 0.1639	$ 480.49	$ 0.1019	$ 298.81
Feb-05	4,375	67	9%	$ 0.2405	$ 1,052.19	$ 0.1213	$ 530.64	$ 0.1574	$ 688.83	$ 0.1591	$ 696.28
Mar-05	7,208	56	18%	$ 0.1438	$ 1,036.44	$ 0.1027	$ 740.46	$ 0.1250	$ 900.62	$ 0.0978	$ 704.72
Apr-05	4,268	45	13%	$ 0.1791	$ 764.54	$ 0.1086	$ 463.45	$ 0.1452	$ 619.74	$ 0.1383	$ 590.46
May-05	6,963	32	29%	$ 0.1114	$ 775.35	$ 0.0877	$ 610.91	$ 0.1035	$ 720.58	$ 0.0920	$ 640.72
Jun-05	4,356	23	26%	$ 0.1186	$ 516.56	$ 0.0927	$ 403.73	$ 0.1231	$ 536.26	$ 0.1441	$ 627.65
Jul-05	6,294	43	20%	$ 0.1421	$ 894.23	$ 0.1047	$ 658.75	$ 0.1315	$ 827.66	$ 0.1313	$ 826.23
Aug-05	3,004	18	23%	$ 0.1307	$ 392.64	$ 0.0954	$ 286.50	$ 0.1512	$ 454.35	$ 0.1487	$ 446.75
	102,634			$ 0.1432	$ 14,700.56	$ 0.1003	$ 10,292.93	$ 0.1173	$12,037.88	$ 0.1234	$ 12,666.48

Source: FSA

TDU AREA CenterPoint Energy (CPN)
Customer Profile Business Medium Load Factor
Zone Coast

Month	Monthly Average kWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE LLP $ per kWh	CPSE LLP Total Cost	CPN Competitive Contracts $ per kWh	CPN Competitive Contracts Total Cost	Reliant PTB $ per kWh	Reliant PTB Total Cost
May-04	7,495	26	40%	$ 0.0945	$ 708.43	$ 0.0871	$ 652.84	$ 0.0920	$ 689.53	$ 0.0909	$ 681.34
Jun-04	3,217	9	48%	$ 0.0863	$ 277.62	$ 0.1099	$ 353.43	$ 0.0969	$ 311.73	$ 0.1076	$ 346.26
Jul-04	28,892	185	21%	$ 0.1357	$ 3,920.81	$ 0.1012	$ 2,924.31	$ 0.0924	$ 2,669.74	$ 0.1390	$ 4,016.24
Aug-04	170,880	486	48%	$ 0.0858	$ 14,669.42	$ 0.0700	$ 11,954.75	$ 0.0718	$ 12,262.58	$ 0.1117	$ 19,080.31
Sep-04	12,328	47	36%	$ 0.1000	$ 1,232.40	$ 0.0877	$ 1,081.10	$ 0.0889	$ 1,095.65	$ 0.1215	$ 1,498.12
Oct-04	65,828	251	36%	$ 0.0994	$ 6,546.42	$ 0.0741	$ 4,875.69	$ 0.0927	$ 6,104.05	$ 0.0945	$ 6,223.01
Nov-04	36,590	156	32%	$ 0.0998	$ 3,651.50	$ 0.0786	$ 2,875.75	$ 0.0927	$ 3,391.31	$ 0.0965	$ 3,532.05
Dec-04	5342	22	34%	$ 0.0969	$ 517.50	$ 0.0978	$ 522.67	$ 0.0979	$ 522.99	$ 0.0933	$ 498.38
Jan-05	25,598	88	40%	$ 0.0896	$ 2,292.74	$ 0.0747	$ 1,913.27	$ 0.0884	$ 2,262.10	$ 0.0866	$ 2,216.73
Feb-05	2,720	22	17%	$ 0.1483	$ 403.31	$ 0.1471	$ 400.07	$ 0.1293	$ 351.81	$ 0.1265	$ 343.98
Mar-05	36,793	117	43%	$ 0.0860	$ 3,164.75	$ 0.0713	$ 2,624.45	$ 0.0941	$ 3,462.92	$ 0.0838	$ 3,083.44
Apr-05	4,663	24	27%	$ 0.1106	$ 515.55	$ 0.1085	$ 506.11	$ 0.1083	$ 505.25	$ 0.1090	$ 508.46
May-05	11,739	29	55%	$ 0.0811	$ 951.78	$ 0.0745	$ 874.07	$ 0.0915	$ 1,074.24	$ 0.0780	$ 915.97
Jun-05	50,871	132	53%	$ 0.0824	$ 4,193.74	$ 0.0698	$ 3,552.62	$ 0.0961	$ 4,888.87	$ 0.1235	$ 6,280.23
Jul-05	2,561	9	39%	$ 0.0953	$ 243.97	$ 0.1253	$ 320.80	$ 0.1358	$ 347.77	$ 0.1283	$ 328.64
Aug-05	59,274	170	48%	$ 0.0861	$ 5,103.51	$ 0.0715	$ 4,240.19	$ 0.1116	$ 6,613.95	$ 0.1271	$ 7,535.06
	524,793			$ 0.0922	$ 48,393.44	$ 0.0756	$ 39,672.12	$ 0.0887	$ 46,554.47	$ 0.1088	$ 57,088.22

Source: FSA

TDU AREA CenterPoint Energy (CPN)
Customer Profile Business High Load Factor
Zone Coast

Month	Monthly Average kWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE LLP $ per kWh	CPSE LLP Total Cost	CPN Competitive $ per kWh	CPN Competitive Total Cost	Reliant PTB $ per kWh	Reliant PTB Total Cost
May-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-04	146,258	313	64%	$ 0.0760	$ 11,118.07	$ 0.0646	$ 9,441.42	$ 0.0759	$11,105.28	$ 0.1019	$ 14,901.19
Jul-04	161,280	432	51%	$ 0.0835	$ 13,473.39	$ 0.0687	$ 11,081.03	$ 0.0760	$12,253.29	$ 0.1094	$ 17,638.29
Aug-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sep-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Oct-04	77,224	250	42%	$ 0.0913	$ 7,052.33	$ 0.0699	$ 5,399.86	$ 0.0873	$ 6,744.09	$ 0.0896	$ 6,916.24
Nov-04	92,719	324	39%	$ 0.0902	$ 8,365.69	$ 0.0714	$ 6,621.29	$ 0.0868	$ 8,052.60	$ 0.0918	$ 8,513.10
Dec-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jan-05	12,500	31	55%	$ 0.0776	$ 970.45	$ 0.0738	$ 922.40	$ 0.0795	$ 993.28	$ 0.0775	$ 968.26
				$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Mar-05	12,389	25	67%	$ 0.0718	$ 890.05	$ 0.0708	$ 877.62	$ 0.0833	$ 1,031.39	$ 0.0724	$ 897.46
Apr-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
May-05	132,218	262	69%	$ 0.0737	$ 9,750.06	$ 0.0609	$ 8,050.97	$ 0.0762	$10,070.54	$ 0.0708	$ 9,362.10
Jun-05	56,400	130	59%	$ 0.0783	$ 4,416.04	$ 0.0673	$ 3,793.14	$ 0.0856	$ 4,830.31	$ 0.1194	$ 6,732.02
Jul-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Aug-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	690,987			$ 0.0811	$ 56,036.09	$ 0.0668	$ 46,187.71	$ 0.0797	$55,080.79	$ 0.0954	$ 65,928.65

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA CenterPoint Energy (CPN)
Customer Profile Business No Demand
Zone Coast

Month	Monthly Average kWh Usage	Average kW	Austin E02 $ per kWh	Austin E02 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	CPN Competitive Contracts $ per kWh	CPN Competitive Contracts Total Cost	Reliant PTB $ per kWh	Reliant PTB Total Cost
May-04	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-04	2,614	-	$ 0.0947	$ 247.43	$ 0.0751	$ 196.39	$ 0.0914	$ 239.01	$ 0.1127	$ 294.51
Jul-04	636	-	$ 0.1018	$ 64.73	$ 0.0822	$ 52.27	$ 0.1662	$ 105.67	$ 0.1437	$ 91.37
Aug-04	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sep-04	1,003	7	$ 0.0983	$ 98.66	$ 0.0902	$ 90.51	$ 0.1070	$ 107.36	$ 0.1335	$ 133.94
Oct-04	698	1	$ 0.1010	$ 70.47	$ 0.0822	$ 57.35	$ 0.1714	$ 119.67	$ 0.1138	$ 79.40
Nov-04	870	-	$ 0.0813	$ 70.66	$ 0.0827	$ 71.87	$ 0.1170	$ 101.76	$ 0.1072	$ 93.22
Dec-04	611	0	$ 0.0842	$ 51.40	$ 0.0818	$ 49.94	$ 0.1091	$ 66.61	$ 0.1158	$ 70.72
Jan-05	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Feb-05	142	-	$ 0.1166	$ 16.56	$ 0.1046	$ 14.85	$ 0.2123	$ 30.14	$ 0.2205	$ 31.31
Mar-05	1,232	8	$ 0.0792	$ 97.61	$ 0.0896	$ 110.36	$ 0.1123	$ 138.40	$ 0.1103	$ 135.84
Apr-05	864	3	$ 0.0813	$ 70.23	$ 0.0826	$ 71.38	$ 0.1141	$ 98.57	$ 0.1164	$ 100.52
May-05	630	-	$ 0.1019	$ 64.14	$ 0.0819	$ 51.55	$ 0.1242	$ 78.19	$ 0.1301	$ 81.90
Jun-05	6,007	7	$ 0.0934	$ 560.78	$ 0.0657	$ 394.53	$ 0.1086	$ 652.50	$ 0.1110	$ 666.77
Jul-05	6,886	3	$ 0.0932	$ 641.94	$ 0.0638	$ 439.31	$ 0.1243	$ 856.08	$ 0.1030	$ 709.46
Aug-05	1,447	-	$ 0.0965	$ 139.64	$ 0.0864	$ 125.00	$ 0.1232	$ 178.30	$ 0.1454	$ 210.35
	23,638		$ 0.0928	$ 2,194.24	$ 0.0730	$ 1,725.32	$ 0.1173	$ 2,772.27	$ 0.1142	$ 2,699.31

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA AEP
Customer Profile Business Low Load Factor
Zone Coast

Month	Monthly Average KWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	AEP Competitive Contracts $ per kWh	AEP Competitive Contracts Total Cost	CPL PTB $ per kWh	CPL PTB Total Cost
May-04	6,856	36	26%	$ 0.1196	$ 820.18	$ 0.0930	$ 637.83	$ 0.1089	$ 746.61	$ 0.1432	$ 981.59
Jun-04	11,108	68	23%	$ 0.1312	$ 1,457.85	$ 0.1039	$ 1,153.85	$ 0.1129	$ 1,254.55	$ 0.1425	$ 1,583.03
Jul-04	8,131	95	12%	$ 0.2102	$ 1,709.24	$ 0.1179	$ 958.81	$ 0.1499	$ 1,218.62	$ 0.1384	$ 1,125.35
Aug-04	8,090	31	36%	$ 0.0998	$ 807.05	$ 0.0857	$ 693.69	$ 0.0943	$ 762.99	$ 0.1224	$ 990.64
Sep-04	5,252	29	24%	$ 0.1245	$ 653.62	$ 0.0985	$ 517.27	$ 0.1089	$ 571.69	$ 0.1488	$ 781.40
Oct-04	10,080	42	33%	$ 0.1044	$ 1,052.54	$ 0.0853	$ 860.02	$ 0.0994	$ 1,001.73	$ 0.1363	$ 1,373.87
Nov-04	7,712	79	13%	$ 0.1762	$ 1,359.06	$ 0.1095	$ 844.73	$ 0.1388	$ 1,070.30	$ 0.1302	$ 1,004.00
Dec-04	6004	37	23%	$ 0.1229	$ 737.68	$ 0.0980	$ 588.53	$ 0.1114	$ 668.99	$ 0.1306	$ 784.26
Jan-05	2,931	42	9%	$ 0.2291	$ 671.41	$ 0.1173	$ 343.75	$ 0.1737	$ 509.05	$ 0.1327	$ 388.91
Feb-05	4,375	67	9%	$ 0.2405	$ 1,052.19	$ 0.1213	$ 530.64	$ 0.1724	$ 754.38	$ 0.1313	$ 574.70
Mar-05	7,208	56	18%	$ 0.1438	$ 1,036.44	$ 0.1027	$ 740.46	$ 0.1325	$ 955.01	$ 0.1457	$ 1,050.01
Apr-05	4,268	45	13%	$ 0.1791	$ 764.54	$ 0.1086	$ 463.45	$ 0.1527	$ 651.56	$ 0.1468	$ 626.58
May-05	6,963	32	29%	$ 0.1114	$ 775.35	$ 0.0877	$ 610.91	$ 0.1063	$ 739.89	$ 0.1609	$ 1,120.30
Jun-05	4,356	23	26%	$ 0.1186	$ 516.56	$ 0.0927	$ 403.73	$ 0.1228	$ 535.00	$ 0.1666	$ 725.56
Jul-05	6,294	43	20%	$ 0.1421	$ 894.23	$ 0.1047	$ 658.75	$ 0.1340	$ 843.28	$ 0.1596	$ 1,004.54
Aug-05	3,004	18	23%	$ 0.1307	$ 392.64	$ 0.0954	$ 286.50	$ 0.1450	$ 435.61	$ 0.1617	$ 485.65
	102,634			$ 0.1432	$ 14,700.56	$ 0.1003	$ 10,292.93	$ 0.1239	$ 12,719.25	$ 0.1423	$ 14,600.39

Source: FSA

TDU AREA AEP
Customer Profile Business Medium Load Factor
Zone Coast

Month	Monthly Average KWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE LLP $ per kWh	CPSE LLP Total Cost	AEP Competitive Contracts $ per kWh	AEP Competitive Contracts Total Cost	CPL PTB $ per kWh	CPL PTB Total Cost
May-04	7,495	26	40%	$ 0.0945	$ 708.43	$0.0871	$ 652.84	$ 0.0954	$ 715.14	$ 0.1219	$ 913.97
Jun-04	3,217	9	48%	$ 0.0863	$ 277.62	$0.1099	$ 353.43	$ 0.0939	$ 302.18	$ 0.1160	$ 373.19
Jul-04	28,892	185	21%	$ 0.1357	$ 3,920.81	$0.1012	$ 2,924.31	$ 0.1030	$ 2,975.98	$ 0.1374	$ 3,968.93
Aug-04	170,880	486	48%	$ 0.0858	$ 14,669.42	$0.0700	$ 11,954.75	$ 0.0780	$ 13,326.27	$ 0.1075	$ 18,365.70
Sep-04	12,328	47	36%	$ 0.1000	$ 1,232.40	$0.0877	$ 1,081.10	$ 0.0941	$ 1,160.32	$ 0.1317	$ 1,624.04
Oct-04	65,828	251	36%	$ 0.0994	$ 6,546.42	$0.0741	$ 4,875.69	$ 0.1001	$ 6,589.38	$ 0.1305	$ 8,587.42
Nov-04	36,590	156	32%	$ 0.0998	$ 3,651.50	$0.0786	$ 2,875.75	$ 0.0999	$ 3,654.59	$ 0.1199	$ 4,388.30
Dec-04	5,342	22	34%	$ 0.0969	$ 517.50	$0.0978	$ 522.67	$ 0.0989	$ 528.52	$ 0.1190	$ 635.76
Jan-05	25,598	88	40%	$ 0.0896	$ 2,292.74	$0.0747	$ 1,913.27	$ 0.0939	$ 2,404.68	$ 0.1102	$ 2,822.04
Feb-05	2,720	22	17%	$ 0.1483	$ 403.31	$0.1471	$ 400.07	$ 0.1209	$ 328.81	$ 0.1330	$ 361.73
Mar-05	36,793	117	43%	$ 0.0860	$ 3,164.75	$0.0713	$ 2,624.45	$ 0.0983	$ 3,617.19	$ 0.1221	$ 4,491.77
Apr-05	4,663	24	27%	$ 0.1106	$ 515.55	$0.1085	$ 506.11	$ 0.1159	$ 540.65	$ 0.1466	$ 683.49
May-05	11,739	29	55%	$ 0.0811	$ 951.78	$0.0745	$ 874.07	$ 0.0893	$ 1,048.48	$ 0.1306	$ 1,533.56
Jun-05	50,871	132	53%	$ 0.0824	$ 4,193.74	$0.0698	$ 3,552.62	$ 0.1015	$ 5,162.15	$ 0.1312	$ 6,674.06
Jul-05	2,561	9	39%	$ 0.0953	$ 243.97	$0.1253	$ 320.80	$ 0.1083	$ 277.43	$ 0.1420	$ 363.60
Aug-05	59,274	170	48%	$ 0.0861	$ 5,103.51	$0.0715	$ 4,240.19	$ 0.1165	$ 6,907.49	$ 0.1286	$ 7,623.97
	524,793			$ 0.0922	$ 48,393.44	$0.0756	$ 39,672.12	$ 0.0944	$ 49,539.27	$ 0.1208	$ 63,411.53

Source: FSA

TDU AREA AEP
Customer Profile Business High Load Factor
Zone Coast

Month	Monthly Average KWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE LLP $ per kWh	CPSE LLP Total Cost	AEP Competitive Contracts $ per kWh	AEP Competitive Contracts Total Cost	CPL PTB $ per kWh	CPL PTB Total Cost
May-04	Data not available.*										
Jun-04	146,258	313	64%	$ 0.0760	$ 11,118.07	$ 0.0646	$ 9,441.42	$ 0.0811	$ 11,861.09	$ 0.1024	$ 14,974.12
Jul-04	161,280	432	51%	$ 0.0835	$ 13,473.39	$ 0.0687	$ 11,081.03	$ 0.0820	$ 13,217.10	$ 0.1052	$ 16,971.41
Aug-04	Data not available.*										
Sep-04	Data not available.*										
Oct-04	77,224	250	42%	$ 0.0913	$ 7,052.33	$ 0.0699	$ 5,399.86	$ 0.0939	$ 7,252.57	$ 0.1225	$ 9,459.33
Nov-04	92,719	324	39%	$ 0.0902	$ 8,365.69	$ 0.0714	$ 6,621.29	$ 0.0936	$ 8,675.67	$ 0.1105	$ 10,249.54
Dec-04	Data not available.*										
Jan-05	12,500	31	55%	$ 0.0776	$ 970.45	$ 0.0738	$ 922.40	$ 0.0822	$ 1,027.28	$ 0.0993	$ 1,240.81
Feb-05	Data not available.*										
Mar-05	12,389	25	67%	$ 0.0718	$ 890.05	$ 0.0708	$ 877.62	$ 0.0851	$ 1,054.71	$ 0.1091	$ 1,351.60
Apr-05	Data not available.*										
May-05	132,218	262	69%	$ 0.0737	$ 9,750.06	$ 0.0609	$ 8,050.97	$ 0.0808	$ 10,685.59	$ 0.1226	$ 16,204.78
Jun-05	56,400	130	59%	$ 0.0783	$ 4,416.04	$ 0.0673	$ 3,793.14	$ 0.0903	$ 5,093.56	$ 0.1271	$ 7,170.14
Jul-05	Data not available.*										
Aug-05	Data not available.*										
	690,987			$ 0.0811	$ 56,036.09	$ 0.0668	$ 46,187.71	$ 0.0852	$ 58,867.57	$ 0.1123	$ 77,621.74

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA AEP
Customer Profile Business No Demand
Zone Coast

Month	Monthly Average KWh Usage	Average kW	Austin E02 $ per kWh	Austin E02 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	AEP Competitive Contracts $ per kWh	AEP Competitive Contracts Total Cost	CPL PTB $ per kWh	CPL PTB Total Cost
May-04	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-04	2,614	-	$ 0.0947	$ 247.43	$ 0.0751	$ 196.39	$ 0.0977	$ 255.27	$ 0.1460	$ 381.55
Jul-04	636	-	$ 0.1018	$ 64.73	$ 0.0822	$ 52.27	$ 0.1733	$ 110.22	$ 0.1555	$ 98.88
Aug-04	Data not available.*			$ -		$ -		$ -		$ -
Sep-04	1,003	7	$ 0.0983	$ 98.66	$ 0.0902	$ 90.51	$ 0.1115	$ 111.89	$ 0.1583	$ 158.80
Oct-04	698	1	$ 0.1010	$ 70.47	$ 0.0822	$ 57.35	$ 0.1741	$ 121.55	$ 0.1634	$ 114.08
Nov-04	870	-	$ 0.0813	$ 70.66	$ 0.0827	$ 71.87	$ 0.1186	$ 103.15	$ 0.1422	$ 123.66
Dec-04	611	0	$ 0.0842	$ 51.40	$ 0.0818	$ 49.94	$ 0.1076	$ 65.72	$ 0.1480	$ 90.33
Jan-05	Data not available.*			$ -		$ -		$ -		$ -
Feb-05	142	-	$ 0.1166	$ 16.56	$ 0.1046	$ 14.85	$ 0.1757	$ 24.94	$ 0.2117	$ 30.06
Mar-05	1,232	8	$ 0.0792	$ 97.61	$ 0.0896	$ 110.36	$ 0.1116	$ 137.52	$ 0.1536	$ 189.25
Apr-05	864	3	$ 0.0813	$ 70.23	$ 0.0826	$ 71.38	$ 0.1099	$ 94.89	$ 0.1577	$ 136.20
May-05	630	-	$ 0.1019	$ 64.14	$ 0.0819	$ 51.55	$ 0.1150	$ 72.36	$ 0.1826	$ 114.93
Jun-05	6,007	7	$ 0.0934	$ 560.78	$ 0.0657	$ 394.53	$ 0.1119	$ 671.94	$ 0.1133	$ 680.38
Jul-05	6,886	3	$ 0.0932	$ 641.94	$ 0.0638	$ 439.31	$ 0.1286	$ 885.74	$ 0.1594	$ 1,097.83
Aug-05	1,447	-	$ 0.0965	$ 139.64	$ 0.0864	$ 125.00	$ 0.1319	$ 190.93	$ 0.1659	$ 240.02
	23,638		$ 0.09283	$ 2,194.24	$ 0.0730	$ 1,725.32	$ 0.1204	$ 2,846.13	$ 0.1462	$ 3,455.97

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA TNMP
Customer Profile Business Low Load Factor
Zone Coast

Month	Monthly Average KWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	TNMP Competitive Contracts $ per kWh	TNMP Competitive Contracts Total Cost	1st Choice PTB $ per kWh	1st Choice PTB Total Cost
May-04	6,856	36	26%	$ 0.1196	$ 820.18	$ 0.0930	$ 637.83	$ 0.1166	$ 799.54	$ 0.1637	$ 1,122.45
Jun-04	11,108	68	23%	$ 0.1312	$ 1,457.85	$ 0.1039	$ 1,153.85	$ 0.1210	$ 1,344.38	$ 0.1792	$ 1,990.60
Jul-04	8,131	95	12%	$ 0.2102	$ 1,709.24	$ 0.1179	$ 958.81	$ 0.1649	$ 1,340.79	$ 0.2685	$ 2,183.01
Aug-04	8,090	31	36%	$ 0.0998	$ 807.05	$ 0.0857	$ 693.69	$ 0.1001	$ 810.11	$ 0.1462	$ 1,182.60
Sep-04	5,252	29	24%	$ 0.1245	$ 653.62	$ 0.0985	$ 517.27	$ 0.1171	$ 614.90	$ 0.1704	$ 894.76
Oct-04	10,080	42	33%	$ 0.1044	$ 1,052.54	$ 0.0853	$ 860.02	$ 0.1050	$ 1,058.88	$ 0.1525	$ 1,537.06
Nov-04	7,712	79	13%	$ 0.1762	$ 1,359.06	$ 0.1095	$ 844.73	$ 0.1513	$ 1,166.95	$ 0.2437	$ 1,879.64
Dec-04	6,004	37	23%	$ 0.1229	$ 737.68	$ 0.0980	$ 588.53	$ 0.1196	$ 718.33	$ 0.1838	$ 1,103.64
Jan-05	2,931	42	9%	$ 0.2291	$ 671.41	$ 0.1173	$ 343.75	$ 0.1927	$ 564.90	$ 0.3069	$ 899.51
Feb-05	4,375	67	9%	$ 0.2405	$ 1,052.19	$ 0.1213	$ 530.64	$ 0.1914	$ 837.64	$ 0.3256	$ 1,424.72
Mar-05	7,208	56	18%	$ 0.1438	$ 1,036.44	$ 0.1027	$ 740.46	$ 0.1423	$ 1,025.79	$ 0.2107	$ 1,518.53
Apr-05	4,268	45	13%	$ 0.1791	$ 764.54	$ 0.1086	$ 463.45	$ 0.1664	$ 710.36	$ 0.2501	$ 1,067.26
May-05	6,963	32	29%	$ 0.1114	$ 775.35	$ 0.0877	$ 610.91	$ 0.1112	$ 774.36	$ 0.1676	$ 1,167.27
Jun-05	4,356	23	26%	$ 0.1186	$ 516.56	$ 0.0927	$ 403.73	$ 0.1255	$ 546.86	$ 0.1716	$ 747.49
Jul-05	6,294	43	20%	$ 0.1421	$ 894.23	$ 0.1047	$ 658.75	$ 0.1397	$ 879.45	$ 0.2009	$ 1,264.66
Aug-05	3,004	18	23%	$ 0.1307	$ 392.64	$ 0.0954	$ 286.50	$ 0.1504	$ 451.85	$ 0.1801	$ 541.17
	102,634			$ 0.1432	$ 14,700.56	$ 0.1003	$ 10,292.93	$ 0.1329	$ 13,645.09	$ 0.2000	$ 20,524.37

Source: FSA

TDU AREA TNMP
Customer Profile Business Medium Load Factor
Zone Coast

Month	Monthly Average KWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE LLP $ per kWh	CPSE LLP Total Cost	TNMP Competitive Contracts $ per kWh	TNMP Competitive Contracts Total Cost	1st Choice PTB $ per kWh	1st Choice PTB Total Cost
May-04	7,495	26	40%	$ 0.0945	$ 708.43	$ 0.0871	$ 652.84	$ 0.1009	$ 756.32	$ 0.1365	$ 1,023.13
Jun-04	3,217	9	48%	$ 0.0863	$ 277.62	$ 0.1099	$ 353.43	$ 0.1007	$ 323.82	$ 0.1191	$ 382.97
Jul-04	28,892	185	21%	$ 0.1357	$ 3,920.81	$ 0.1012	$ 2,924.31	$ 0.1109	$ 3,203.08	$ 0.1902	$ 5,494.27
Aug-04	170,880	486	48%	$ 0.0858	$14,669.42	$ 0.0700	$ 11,954.75	$ 0.0904	$ 15,451.90	$ 0.1363	$23,295.11
Sep-04	12,328	47	36%	$ 0.1000	$ 1,232.40	$ 0.0877	$ 1,081.10	$ 0.0992	$ 1,223.50	$ 0.1484	$ 1,829.60
Oct-04	65,828	251	36%	$ 0.0994	$ 6,546.42	$ 0.0741	$ 4,875.69	$ 0.1045	$ 6,877.19	$ 0.1509	$ 9,936.17
Nov-04	36,590	156	32%	$ 0.0998	$ 3,651.50	$ 0.0786	$ 2,875.75	$ 0.1048	$ 3,835.51	$ 0.1542	$ 5,641.38
Dec-04	5342	22	34%	$ 0.0969	$ 517.50	$ 0.0978	$ 522.67	$ 0.1051	$ 561.32	$ 0.1510	$ 806.86
Jan-05	25,598	88	40%	$ 0.0896	$ 2,292.74	$ 0.0747	$ 1,913.27	$ 0.0981	$ 2,511.16	$ 0.1483	$ 3,795.67
Feb-05	2,720	22	17%	$ 0.1483	$ 403.31	$ 0.1471	$ 400.07	$ 0.1441	$ 391.88	$ 0.2066	$ 561.90
Mar-05	36,793	117	43%	$ 0.0860	$ 3,164.75	$ 0.0713	$ 2,624.45	$ 0.1060	$ 3,901.06	$ 0.1444	$ 5,313.52
Apr-05	4,663	24	27%	$ 0.1106	$ 515.55	$ 0.1085	$ 506.11	$ 0.1142	$ 532.41	$ 0.1667	$ 777.33
May-05	11,739	29	55%	$ 0.0811	$ 951.78	$ 0.0745	$ 874.07	$ 0.1041	$ 1,222.41	$ 0.1369	$ 1,606.76
Jun-05	50,871	132	53%	$ 0.0824	$ 4,193.74	$ 0.0698	$ 3,552.62	$ 0.1018	$ 5,179.04	$ 0.1415	$ 7,196.63
Jul-05	2,561	9	39%	$ 0.0953	$ 243.97	$ 0.1253	$ 320.80	$ 0.1272	$ 325.68	$ 0.1382	$ 353.93
Aug-05	59,274	170	48%	$ 0.0861	$ 5,103.51	$ 0.0715	$ 4,240.19	$ 0.1234	$ 7,315.45	$ 0.1457	$ 8,633.45
	524,793			$ 0.0922	$48,393.44	$ 0.0756	$ 39,672.12	$ 0.1022	$ 53,611.73	$ 0.1461	$76,648.70

Source: FSA

TDU AREA TNMP
Customer Profile Business High Load Factor
Zone Coast

Month	Monthly Average KWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE LLP $ per kWh	CPSE LLP Total Cost	TNMP Competitive $ per kWh	TNMP Competitive Total Cost	1st Choice PTB $ per kWh	1st Choice PTB Total Cost
May-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-04	146,258	313	64%	$ 0.0760	$11,118.07	$ 0.0646	$ 9,441.42	$ 0.0837	$ 12,239.18	$ 0.1220	$ 17,841.48
Jul-04	161,280	432	51%	$ 0.0835	$13,473.39	$ 0.0687	$ 11,081.03	$ 0.0852	$ 13,734.04	$ 0.1338	$ 21,572.04
Aug-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sep-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Oct-04	77,224	250	42%	$ 0.0913	$ 7,052.33	$ 0.0699	$ 5,399.86	$ 0.0976	$ 7,539.05	$ 0.1421	$ 10,969.88
Nov-04	92,719	324	39%	$ 0.0902	$ 8,365.69	$ 0.0714	$ 6,621.29	$ 0.1236	$ 11,457.99	$ 0.1431	$ 13,270.23
Dec-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jan-05	12,500	31	55%	$ 0.0776	$ 970.45	$ 0.0738	$ 922.40	$ 0.0857	$ 1,070.92	$ 0.1319	$ 1,648.91
Feb-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Mar-05	12,389	25	67%	$ 0.0718	$ 890.05	$ 0.0708	$ 877.62	$ 0.0881	$ 1,091.90	$ 0.1248	$ 1,545.75
Apr-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
May-05	132,218	262	69%	$ 0.0737	$ 9,750.06	$ 0.0609	$ 8,050.97	$ 0.0828	$ 10,951.61	$ 0.1324	$ 17,507.10
Jun-05	56,400	130	59%	$ 0.0783	$ 4,416.04	$ 0.0673	$ 3,793.14	$ 0.0914	$ 5,153.68	$ 0.1370	$ 7,725.44
Jul-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Aug-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	690,987			$ 0.0811	$56,036.09	$ 0.0668	$ 46,187.71	$ 0.0915	$ 63,238.37	$ 0.1333	$ 92,080.82

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA TNMP
Customer Profile Business No Demand
Zone Coast

Month	Monthly Average KWh Usage	Average kW	Austin E02 $ per kWh	Austin E02 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	TNMP Competitive Contracts $ per kWh	TNMP Competitive Contracts Total Cost	1st Choice PTB $ per kWh	1st Choice PTB Total Cost
May-04	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-04	2,614	-	$ 0.0947	$ 247.43	$ 0.0751	$ 196.39	$ 0.1051	$ 274.78	$ 0.1007	$ 263.29
Jul-04	636	-	$ 0.1018	$ 64.73	$ 0.0822	$ 52.27	$ 0.1113	$ 70.78	$ 0.1289	$ 81.97
Aug-04	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sep-04	1,003	7	$ 0.0983	$ 98.66	$ 0.0902	$ 90.51	$ 0.1168	$ 117.14	$ 0.1545	$ 154.98
Oct-04	698	1	$ 0.1010	$ 70.47	$ 0.0822	$ 57.35	$ 0.1168	$ 81.56	$ 0.1275	$ 88.97
Nov-04	870	-	$ 0.0813	$ 70.66	$ 0.0827	$ 71.87	$ 0.1233	$ 107.23	$ 0.1265	$ 109.99
Dec-04	611	0	$ 0.0842	$ 51.40	$ 0.0818	$ 49.94	$ 0.1107	$ 67.56	$ 0.1387	$ 84.67
Jan-05	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Feb-05	142	-	$ 0.1166	$ 16.56	$ 0.1046	$ 14.85	$ 0.1600	$ 22.72	$ 0.1946	$ 27.63
Mar-05	1,232	8	$ 0.0792	$ 97.61	$ 0.0896	$ 110.36	$ 0.1175	$ 144.75	$ 0.1632	$ 201.05
Apr-05	864	3	$ 0.0813	$ 70.23	$ 0.0826	$ 71.38	$ 0.1145	$ 98.93	$ 0.1337	$ 115.50
May-05	630	-	$ 0.1019	$ 64.14	$ 0.0819	$ 51.55	$ 0.1163	$ 73.20	$ 0.1386	$ 87.28
Jun-05	6,007	7	$ 0.0934	$ 560.78	$ 0.0657	$ 394.53	$ 0.1193	$ 716.58	$ 0.1123	$ 674.37
Jul-05	6,886	3	$ 0.0932	$ 641.94	$ 0.0638	$ 439.31	$ 0.1352	$ 930.62	$ 0.1064	$ 732.95
Aug-05	1,447	-	$ 0.0965	$ 139.64	$ 0.0864	$ 125.00	$ 0.1251	$ 180.97	$ 0.1231	$ 178.16
	23,638		$ 0.0928	$ 2,194.24	$ 0.0730	$ 1,725.32	$ 0.1221	$ 2,886.83	$ 0.1185	$ 2,800.81

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA TXU Delivery
Customer Profile Business Low Load Factor
Zone North Central

Month	Average KWh Usage by Month	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	TXUD Competitive Contracts $ per kWh	TXUD Competitive Contracts Total Cost	TXU PTB $ per kWh	TXU PTB Total Cost
May-04	1,967	21	13%	$ 0.1965	$ 386.51	$ 0.0838	$ 164.79	$ 0.1403	$ 275.94	$ 0.1494	$ 293.90
Jun-04	5,714	30	26%	$ 0.1186	$ 677.76	$ 0.0843	$ 481.52	$ 0.1079	$ 616.63	$ 0.1213	$ 693.19
Jul-04	15,162	56	37%	$ 0.0977	$ 1,480.99	$ 0.0786	$ 1,191.37	$ 0.0921	$ 1,396.91	$ 0.1072	$ 1,624.99
Aug-04	7,815	30	36%	$ 0.1000	$ 781.25	$ 0.0773	$ 604.24	$ 0.0946	$ 739.34	$ 0.1172	$ 916.04
Sep-04	9,453	49	27%	$ 0.1184	$ 1,119.31	$ 0.0868	$ 820.27	$ 0.1017	$ 961.53	$ 0.1273	$ 1,203.81
Oct-04	4,247	29	20%	$ 0.1425	$ 605.34	$ 0.0843	$ 357.82	$ 0.1282	$ 544.37	$ 0.1329	$ 564.44
Nov-04	15,959	72	30%	$ 0.1028	$ 1,641.32	$ 0.0792	$ 1,264.03	$ 0.1068	$ 1,704.70	$ 0.1136	$ 1,812.73
Dec-04	4258	24	25%	$ 0.1161	$ 494.41	$ 0.0801	$ 341.21	$ 0.1141	$ 485.78	$ 0.1225	$ 521.56
Jan-05	1,768	16	15%	$ 0.1613	$ 285.16	$ 0.0837	$ 147.98	$ 0.1456	$ 257.54	$ 0.1402	$ 248.00
Feb-05	3,240	27	16%	$ 0.1517	$ 491.43	$ 0.0841	$ 272.57	$ 0.1322	$ 428.44	$ 0.1447	$ 468.78
Mar-05	2,502	24	15%	$ 0.1652	$ 413.47	$ 0.0840	$ 210.13	$ 0.1458	$ 364.86	$ 0.1534	$ 383.92
Apr-05	10,734	44	34%	$ 0.0973	$ 1,044.15	$ 0.0753	$ 807.87	$ 0.1108	$ 1,188.91	$ 0.1103	$ 1,183.89
May-05	4,187	49	12%	$ 0.2103	$ 880.38	$ 0.0843	$ 352.72	$ 0.1438	$ 602.04	$ 0.1756	$ 735.03
Jun-05	15,621	98	22%	$ 0.1341	$ 2,095.11	$ 0.0894	$ 1,396.01	$ 0.1228	$ 1,917.87	$ 0.1478	$ 2,308.45
Jul-05	7,438	37	27%	$ 0.1163	$ 864.70	$ 0.0847	$ 629.91	$ 0.1223	$ 909.66	$ 0.1382	$ 1,027.74
Aug-05	3,776	14	37%	$ 0.0975	$ 368.22	$ 0.0710	$ 268.23	$ 0.1361	$ 514.09	$ 0.1283	$ 484.68
	113,841			$ 0.1197	$ 13,629.51	$ 0.0818	$ 9,310.65	$ 0.1134	$ 12,908.62	$ 0.1271	$ 14,471.14

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA TXU Delivery
Customer Profile Business Medium Load Factor
Zone North Central

Month	Average KWh Usage by Month	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	TXUD Competitive Contracts $ per kWh	TXUD Competitive Contracts Total Cost	TXU PTB $ per kWh	TXU PTB Total Cost
May-04	22,412	98	31%	$ 0.1072	$ 2,401.47	$ 0.0789	$ 1,769.17	$ 0.0906	$ 2,030.04	$ 0.1038	$ 2,327.23
Jun-04	14,066	48	40%	$ 0.0943	$ 1,326.09	$ 0.0768	$ 1,080.16	$ 0.0797	$ 1,121.64	$ 0.1049	$ 1,475.15
Jul-04	27,284	83	45%	$ 0.0889	$ 2,424.85	$ 0.0756	$ 2,061.57	$ 0.0885	$ 2,414.05	$ 0.0968	$ 2,642.12
Aug-04	28,414	85	46%	$ 0.0878	$ 2,494.44	$ 0.0751	$ 2,134.07	$ 0.0841	$ 2,389.38	$ 0.1022	$ 2,904.81
Sep-04	2,424	11	30%	$ 0.1096	$ 265.74	$ 0.0661	$ 160.34	$ 0.1113	$ 269.90	$ 0.1229	$ 298.01
Oct-04	30,488	85	49%	$ 0.0850	$ 2,590.58	$ 0.0690	$ 2,102.96	$ 0.0947	$ 2,886.70	$ 0.0913	$ 2,782.25
Nov-04	19,860	66	41%	$ 0.0883	$ 1,753.15	$ 0.0721	$ 1,431.39	$ 0.0961	$ 1,907.63	$ 0.0997	$ 1,979.10
Dec-04	12180	29	58%	$ 0.0761	$ 926.64	$ 0.0647	$ 787.47	$ 0.0867	$ 1,056.06	$ 0.0917	$ 1,116.45
Jan-05	3,866	24	22%	$ 0.1245	$ 481.26	$ 0.0837	$ 323.39	$ 0.1117	$ 431.73	$ 0.1278	$ 493.85
Feb-05	15,369	62	34%	$ 0.0968	$ 1,487.86	$ 0.0760	$ 1,167.92	$ 0.0957	$ 1,470.62	$ 0.1090	$ 1,675.84
Mar-05	Data not available.*				$ -			$ -	$ -	$ -	$ -
Apr-05	8,712	33	36%	$ 0.0935	$ 815.05	$ 0.0726	$ 632.38	$ 0.1038	$ 904.25	$ 0.1081	$ 941.78
May-05	26,598	92	40%	$ 0.0944	$ 2,510.86	$ 0.0732	$ 1,947.51	$ 0.0891	$ 2,370.14	$ 0.1047	$ 2,784.12
Jun-05	18,474	59	43%	$ 0.0908	$ 1,676.82	$ 0.0758	$ 1,400.08	$ 0.0993	$ 1,834.61	$ 0.1186	$ 2,190.18
Jul-05	26,767	61	60%	$ 0.0778	$ 2,082.21	$ 0.0704	$ 1,883.05	$ 0.1026	$ 2,744.95	$ 0.1060	$ 2,838.24
Aug-05	2,415	28	12%	$ 0.2092	$ 505.41	$ 0.0877	$ 211.84	$ 0.0822	$ 198.65	$ 0.1900	$ 458.90
	259,328			$ 0.0916	$ 23,742.44	$ 0.0736	$19,093.32	$ 0.0927	$ 24,030.34	$ 0.1038	$ 26,908.04

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA TXU Delivery
Customer Profile Business High Load Factor
Zone North Central-

Month	Average KWh Usage by Month	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE LLP $ per kWh	CPSE LLP Total Cost	TXUD Competitive $ per kWh	TXUD Competitive Total Cost	TXU PTB $ per kWh	TXU PTB Total Cost
May-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-04	377,100	902	57%	$ 0.0795	$ 29,986.58	$ 0.0660	$ 24,881.45	$ 0.0779	$ 29,393.62	$ 0.0856	$ 32,263.83
Jul-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Aug-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sep-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Oct-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Nov-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Dec-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jan-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Feb-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Mar-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Apr-05	68,415	159	59%	$ 0.0754	$ 5,155.70	$ 0.0641	$ 4,385.07	$ 0.0888	$ 6,072.98	$ 0.0841	$ 5,750.93
May-05	132,900	282	65%	$ 0.0757	$ 10,064.54	$ 0.0618	$ 8,217.05	$ 0.0756	$ 10,048.36	$ 0.0860	$ 11,435.85
Jun-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jul-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Aug-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	578,415			$ 0.0782	$ 45,206.82	$ 0.0648	$ 37,483.57	$ 0.0787	$ 45,514.96	$ 0.0855	$ 49,450.62

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA TXU Delivery
Customer Profile Business No Demand
Zone North Central

Month	Average KWh Usage by Month	Average kW	Austin E02 $ per kWh	Austin E02 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	TXUD Competitive $ per kWh	TXUD Competitive Total Cost	TXU PTB $ per kWh	TXU PTB Total Cost
May-04	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-04	612	3	$ 0.0858	$ 52.51	$ 0.0819	$ 50.14	$ 0.1119	$ 68.47	$ 0.1290	$ 78.99
Jul-04	2,296	6	$ 0.0786	$ 180.43	$ 0.0777	$ 178.30	$ 0.0963	$ 221.21	$ 0.1136	$ 260.79
Aug-04	627	7	$ 0.0855	$ 53.63	$ 0.0821	$ 51.47	$ 0.1100	$ 68.95	$ 0.1350	$ 84.64
Sep-04	1,287	8	$ 0.0806	$ 103.77	$ 0.0860	$ 110.66	$ 0.0999	$ 128.52	$ 0.1244	$ 160.15
Oct-04	1,066	4	$ 0.0816	$ 86.98	$ 0.0830	$ 88.51	$ 0.1120	$ 119.38	$ 0.1181	$ 125.93
Nov-04	575	7	$ 0.0684	$ 39.31	$ 0.0821	$ 47.16	$ 0.1141	$ 65.57	$ 0.1285	$ 73.83
Dec-04	615	0	$ 0.0677	$ 41.65	$ 0.0818	$ 50.32	$ 0.1168	$ 71.83	$ 0.1270	$ 78.11
Jan-05	2,232	7	$ 0.0607	$ 135.36	$ 0.0746	$ 166.48	$ 0.1027	$ 229.12	$ 0.1118	$ 249.50
Feb-05	1,057	0	$ 0.0636	$ 67.27	$ 0.0830	$ 87.75	$ 0.1058	$ 111.87	$ 0.1182	$ 124.97
Mar-05	1,685	8	$ 0.0615	$ 103.65	$ 0.0820	$ 138.11	$ 0.1071	$ 180.40	$ 0.1137	$ 191.50
Apr-05	233	0	$ 0.0837	$ 19.51	$ 0.0929	$ 21.65	$ 0.1667	$ 38.85	$ 0.1614	$ 37.60
May-05	290	1	$ 0.0967	$ 28.02	$ 0.0893	$ 25.90	$ 0.1222	$ 35.43	$ 0.1556	$ 45.11
Jun-05	192	3	$ 0.1072	$ 20.59	$ 0.0968	$ 18.59	$ 0.1675	$ 32.16	$ 0.1935	$ 37.15
Jul-05	3,414	7	$ 0.0777	$ 265.35	$ 0.0709	$ 241.88	$ 0.1166	$ 397.93	$ 0.1227	$ 418.80
Aug-05	4,784	3	$ 0.0772	$ 369.44	$ 0.0668	$ 319.80	$ 0.1206	$ 576.96	$ 0.1158	$ 553.91
	20,964		$ 0.0748	$ 1,567.48	$ 0.0762	$ 1,596.70	$ 0.1119	$ 2,346.65	$ 0.1203	$ 2,520.97

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA AEP
Customer Profile Business Low Load Factor
Zone South

Month	Monthly Average KWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	AEP Competitive Contracts $ per kWh	AEP Competitive Contracts Total Cost	CPL PTB $ per kWh	CPL PTB Total Cost
May-04	7,315	33	31%	0.1089	$ 796.38	$ 0.0766	$ 560.05	0.0984	$ 719.80	0.1360	$ 994.79
Jun-04	2,119	21	14%	0.1829	$ 387.58	$ 0.0874	$ 185.28	0.1250	$ 264.98	0.1470	$ 311.55
Jul-04	2,779	19	20%	0.1428	$ 396.82	$ 0.0880	$ 244.44	0.1049	$ 291.57	0.1412	$ 392.39
Aug-04	5,056	18	39%	0.0957	$ 483.99	$ 0.0727	$ 367.65	0.1023	$ 517.32	0.1194	$ 603.63
Sep-04	2,668	14	27%	0.1175	$ 313.43	$ 0.0762	$ 203.40	0.1067	$ 284.61	0.1510	$ 402.77
Oct-04	20,295	84	33%	0.1041	$ 2,113.57	$ 0.0774	$ 1,570.27	0.1027	$ 2,083.92	0.1354	$ 2,748.74
Nov-04	11,384	50	32%	0.1017	$ 1,157.51	$ 0.0777	$ 884.87	0.1076	$ 1,225.24	0.1225	$ 1,394.01
Dec-04	3093	29	15%	0.1652	$ 510.94	$ 0.0841	$ 260.13	0.1269	$ 392.44	0.1325	$ 409.71
Jan-05	1,922	25	11%	0.2072	$ 398.26	$ 0.0838	$ 160.99	0.1480	$ 284.44	0.1348	$ 259.06
Feb-05	1,165	14	12%	0.1955	$ 227.68	$ 0.0832	$ 96.86	0.1565	$ 182.25	0.1388	$ 161.63
Mar-05	1,125	18	8%	0.2528	$ 284.48	$ 0.0831	$ 93.54	0.1927	$ 216.86	0.1545	$ 173.90
Apr-05	1,230	21	8%	0.2655	$ 326.61	$ 0.0832	$ 102.39	0.2037	$ 250.58	0.1536	$ 188.96
May-05	861	9	13%	0.1942	$ 167.24	$ 0.0796	$ 68.56	0.1552	$ 133.60	0.2166	$ 186.49
Jun-05	1,312	9	19%	0.1469	$ 192.76	$ 0.0656	$ 86.15	0.1367	$ 179.34	0.2119	$ 278.07
Jul-05	2,684	22	17%	0.1595	$ 428.04	$ 0.0879	$ 235.90	0.1445	$ 387.81	0.2017	$ 541.43
Aug-05	4,482	20	32%	0.1076	$ 482.16	$ 0.0773	$ 346.46	0.1318	$ 590.58	0.1917	$ 858.94
	69,490			0.1247	$ 8,667.46	$ 0.0787	$ 5,466.93	0.1152	$ 8,005.35	0.1426	$ 9,906.08

Source: FSA

TDU AREA AEP
Customer Profile Business Medium Load Factor
Zone South

Month	Monthly Average KWh Usage	Average kW	Load Factor	Austin E06 $ per kWh	Austin E06 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	AEP Competitive Contracts $ per kWh	AEP Competitive Contracts Total Cost	CPL PTB $ per kWh	CPL PTB Total Cost
May-04	50,466	156	45%	$ 0.0893	$ 4,508.51	$ 0.0715	$ 3,606.68	$ 0.0931	$ 4,698.61	$ 0.1155	$ 5,830.96
Jun-04	11,320	32	50%	$ 0.0851	$ 963.62	$ 0.0719	$ 813.51	$ 0.0895	$ 1,012.97	$ 0.1122	$ 1,270.52
Jul-04	1,417	8	26%	$ 0.1220	$ 172.79	$ 0.0470	$ 66.65	$ 0.1051	$ 148.92	$ 0.1453	$ 205.85
Aug-04	1,799	7	37%	$ 0.0982	$ 176.71	$ 0.0392	$ 70.56	$ 0.1056	$ 189.95	$ 0.1261	$ 226.77
Sep-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Oct-04	36,627	107	47%	$ 0.0870	$ 3,187.71	$ 0.0701	$ 2,568.66	$ 0.0938	$ 3,437.16	$ 0.1185	$ 4,339.22
Nov-04	33,393	104	45%	$ 0.0853	$ 2,848.87	$ 0.0712	$ 2,379.01	$ 0.0966	$ 3,224.67	$ 0.1061	$ 3,541.34
Dec-04	20937	60	48%	$ 0.0823	$ 1,723.19	$ 0.0691	$ 1,446.05	$ 0.0827	$ 1,730.78	$ 0.1034	$ 2,164.24
Jan-05	1,550	7	31%	$ 0.1031	$ 159.79	$ 0.0367	$ 56.92	$ 0.1072	$ 166.17	$ 0.1304	$ 202.09
Feb-05	5,509	10	77%	$ 0.0689	$ 379.69	$ 0.0542	$ 298.62	$ 0.0840	$ 462.99	$ 0.0921	$ 507.33
Mar-05	5,872	18	45%	$ 0.0846	$ 496.91	$ 0.0660	$ 387.77	$ 0.0991	$ 581.75	$ 0.1224	$ 718.94
Apr-05	6,709	18	52%	$ 0.0798	$ 535.16	$ 0.0643	$ 431.07	$ 0.0983	$ 659.54	$ 0.1175	$ 788.42
May-05	Data not available.*	$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-05	Data not available.*	$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jul-05	13,024	39	46%	$ 0.0884	$ 1,151.75	$ 0.0738	$ 961.77	$ 0.1047	$ 1,363.24	$ 0.1712	$ 2,230.10
Aug-05	6,526	20	46%	$ 0.0883	$ 576.48	$ 0.0709	$ 462.89	$ 0.1129	$ 737.06	$ 0.1720	$ 1,122.71
	195,149			$ 0.0865	$ 16,881.18	$ 0.0694	$ 13,550.16	$ 0.0944	$ 18,413.81	$ 0.1186	$ 23,148.50

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA AEP
Customer Profile Business High Load Factor
Zone South

Month	Monthly Average KWh Usage	Average kW	Load Factor	Austin E02 $ per kWh	Austin E02 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	AEP Competitive Contracts Total Cost	CPL PTB $ per kWh	CPL PTB Total Cost
May-04	2,185	4	72%	$ 0.0951	$ 207.81	$ 0.0751	$ 164.07	$ 220.64	$ 0.1468	$ 320.86
Jun-04	2,903	4	94%	$ 0.0944	$ 274.12	$ 0.0733	$ 212.82	$ 283.98	$ 0.1455	$ 422.43
Jul-04	2,605	5	79%	$ 0.0947	$ 246.60	$ 0.0752	$ 195.88	$ 270.88	$ 0.1415	$ 368.57
Aug-04	2,517	5	75%	$ 0.0947	$ 238.47	$ 0.0758	$ 190.87	$ 262.41	$ 0.1416	$ 356.52
Sep-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -
Oct-04	2,301	4	74%	$ 0.0950	$ 218.52	$ 0.0739	$ 170.08	$ 235.53	$ 0.1517	$ 348.99
Nov-04	2,770	4	88%	$ 0.0765	$ 211.98	$ 0.0702	$ 194.41	$ 282.04	$ 0.1329	$ 368.16
Dec-04	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jan-05	1,992	4	66%	$ 0.0774	$ 154.13	$ 0.0773	$ 154.06	$ 201.08	$ 0.1346	$ 268.07
Feb-05	2,174	4	73%	$ 0.0771	$ 167.66	$ 0.0752	$ 163.50	$ 213.88	$ 0.1341	$ 291.48
Mar-05	2,224	4	74%	$ 0.0771	$ 171.38	$ 0.0747	$ 166.09	$ 234.74	$ 0.1493	$ 332.14
Apr-05	2,469	4	82%	$ 0.0768	$ 189.59	$ 0.0724	$ 178.80	$ 247.80	$ 0.1488	$ 367.43
May-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jul-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -
Aug-05	Data not available.*			$ -	$ -	$ -	$ -	$ -	$ -	$ -
Average	24,140			0.0862	$ 2,080.25	$ 0.0742	$ 1,790.57	0.1016 $ 2,452.98	0.1427	$ 3,444.65

*Data were not available because bids were not received for that month.

Source: FSA

TDU AREA AEP
Customer Profile Business No Demand
Zone South

Month	Monthly Average KWh Usage	Average kW	Austin E02 $ per kWh	Austin E02 Total Cost	CPSE PL $ per kWh	CPSE PL Total Cost	Competitive Contracts $ per kWh	Competitive Contracts Total Cost	CPL PTB $ per kWh	CPL PTB Total Cost
May-04	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-04	728	3	$ 0.1006	$ 73.23	$ 0.0831	$ 60.52	$ 0.1120	$ 81.55	$ 0.1576	$ 114.75
Jul-04	1,522	7	$ 0.0963	$ 146.60	$ 0.0865	$ 131.76	$ 0.1016	$ 154.59	$ 0.1347	$ 205.06
Aug-04	482	-	$ 0.1048	$ 50.47	$ 0.0835	$ 40.20	$ 0.1226	$ 59.04	$ 0.1614	$ 77.74
Sep-04			$ -	$ -	$ -	$ -	$ -	$ -		
Oct-04	426	0	$ 0.1065	$ 45.33	$ 0.0847	$ 36.04	$ 0.1214	$ 51.69	$ 0.1742	$ 74.19
Nov-04	465	1	$ 0.0873	$ 40.59	$ 0.0838	$ 38.99	$ 0.1229	$ 57.18	$ 0.1540	$ 71.64
Dec-04	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jan-05	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Feb-05	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Mar-05	180	-	$ 0.1076	$ 19.41	$ 0.0982	$ 17.72	$ 0.1438	$ 25.92	$ 0.2094	$ 37.77
Apr-05	688	4	$ 0.0831	$ 57.16	$ 0.0821	$ 56.50	$ 0.1141	$ 78.49	$ 0.1612	$ 110.89
May-05	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jun-05	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Jul-05	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Aug-05	Data not available.*		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	4,491		$ 0.0964	$ 432.79	$ 0.0850	$ 381.73	$ 0.1132	$ 508.46	$ 0.1541	$ 692.03

*Data were not available because bids were not received for that month.

Source: FSA

Austin Energy Affordability Benchmarking Study
Evaluation of Electricity Rates and Bills

Commercial and Industrial Rate Classes Comparisons Final Report

November 5, 2010

Austin Energy Affordability Benchmarking Study Evaluation of Electricity Rates and Bills

Commercial and Industrial Rate Classes Comparisons Report

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions and observations contained herein attributed to R. W. Beck, Inc., ("R. W. Beck") constitute the opinions of R. W. Beck. To the extent that statements, information and opinions provided by the client or others have been used in the preparation of this report, R. W. Beck has relied upon the same to be accurate and for which no assurances are intended and no representations or warranties are made. R. W. Beck makes no certification and gives no assurances except as explicitly set forth in this report.

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Executive Summary

In support of the Austin City Council's directive to determine the affordability of Austin Energy's ("AE") fully bundled retail rates for residential, commercial, and industrial customers, AE retained R. W. Beck, an SAIC Company and R. J. Covington Consulting, LLC ("R. W. Beck Team") to publish a study and assist in developing a method for which future changes in AE rates can be fairly evaluated against the financial impact on AE's customers. In this study, the measure of affordability is defined as the comparison of AE customers' electricity bills with those of customers of other utilities serving similar loads or demand in similar metropolitan areas within Texas.

Data Availability and Limitations

R. W. Beck's mission for this study was to compare AE customer electricity bills with customer electricity bills in selected cities across the state. Major challenges exist in comparing electricity bills in different regions. In the competitive areas of Texas, energy service is provided by competitive firms via private contracts between the supplier and the customer. The terms of these contracts are typically confidential. For this reason, it is extremely difficult to collect actual bills and contract provisions for the competitive areas of the state. There is no available collected data set or survey that can be used to compare electricity bills. Since each individual customer may be served under unique terms, knowing the terms and prices of a few customers may not be representative of actual energy prices in the broader market. Therefore, R. W. Beck used several different approaches to estimate representative electricity bills across the state.

In the regulated portions of the state—those served by municipal utilities like AE, by cooperative utilities, and the non-Electric Reliability Council Of Texas ("ERCOT") portions of the state—utility rates are based on tariffs adopted by regulating authorities, for example city councils. These tariffs include all the costs of providing electric service. However, many factors come into play for these utilities in setting rates and tariffs. These factors include the service territory location within ERCOT, the type and characteristics of the mix of customers in the territory, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, and others. The reader should also recognize this comparison is a snapshot of a point in time or period of time and some utilities are in the process of changing tariffs which could change their comparative position within this group. For example, Centerpoint is currently before the Public Utility Commission of Texas ("PUCT") for a tariff change[1].

R. W. Beck also calculated monthly representative electricity bills for AE's commercial and industrial customer bills. R. W. Beck used AE rates schedules specified by AE to calculate the representative monthly bills at numerous demand and load factors and our calculations validate AE's prices reported to the PUCT.

[1] See PUCT Docket No. 38339

Characterizing Commercial and Industrial Retail Market Segments

The charter for R. W. Beck was to compare AE customer electricity bills with customer bills in selected cities across the state. Electricity customer bills consist of two components: (1) electric energy used by the customer–priced by Retail Electric Providers ("REPs") (which includes the cost to generate electricity, congestion, risk adjustments, and ERCOT fees), and (2) electricity delivery to the customer– priced by Transmission and Distribution Service Providers ("TDSPs") (which includes the costs of the infrastructure and maintenance to deliver electricity to end use customers). Regional pricing differences will be seen according to the TDSP service territory and the ERCOT congestion zone in which the service is received. Each TSDP has unique delivery charges—reviewed and approved by the PUCT. Energy charges will differ from one congestion zone to another based on the congestion costs incurred across the ERCOT system. Of course, energy charges can vary as well depending on what costs the REP incurs in obtaining energy from generators, as well as marketing costs and other costs unique to each REP.

Utilities and REPs typically classify customers into groups with similar electric service characteristics such as[2]:

1. Residential customers: Includes private households that utilize energy for such needs as heating, cooling, cooking, lighting and small appliances.
2. Small commercial customers: Includes businesses whose peak electric demand during any twelve-month period is less than 50 kilowatt ("kW").
3. Commercial customers: Includes businesses such as retail stores, restaurants and educational institutions with a peak demand of 50 kW or more during any twelve month period.
4. Industrial customers: Includes factories or manufacturing plants and typically have the highest demand for electricity.

Definitions of residential, commercial and industrial customers vary slightly from one electric provider to the next. For example, AE typically classifies its *small* commercial customers as those customers with 100 kW load or less. These customer classifications provide a general description of what is commonly used in the industry, and pricing terms for a particular type of customer in one region are appropriately compared to similar customers in other regions or territories. Of these four classifications of customers, electric providers generally view commercial and industrial customers considerably differently than residential customers. This study addresses the commercial and industrial ("C-I") electricity market segment. The residential electricity market segment is described in a separate companion study within this report. Characteristics of commercial and industrial customers that set them apart from residential customers include greater electricity usage (higher loads), more sophistication in knowledge of electricity markets and physical equipment, additional requirements such as power quality, and the need for varying commercial terms in power supply contracts. Table ES-1,

[2] Descriptions based on the "Power to Choose" website: http://www.powertochoose.org/_content/_resources/glossary.asp. Information provided by the PUCT.

provided by AE, shows how AE's C-I customers can be grouped by load size and the typical types of businesses or organizations that fall into each category.

Electricity load groups such as those shown in Table ES-1 help to determine what rate a C-I customer will be charged for electricity. For the regulated utilities, like municipally-owned utilities, these rates are published as tariffs. Tariff terms are typically fixed and the same terms are available to any comparable customer. For AE, the base tariff has been fixed for nearly 17 years, while the fuel factor is typically adjusted annually. However, AE's fuel charge has remained the same since 2008. Thus, the best comparisons against AE's rates are offers of a fixed price and term.

R. W. Beck has chosen to classify customers using 16 load/size factor combinations. This classification protocol was developed by AE and R. W. Beck to provide a diverse and representative sample of AE's different customer types. The variety of customer load sizes range from as small as a 10 kilowatt commercial load to an extremely large 25 megawatt ("MW") customer. Prices for two different load factors for each load level were also estimated. These different load factors are important because the load factor differentiates one dimension in the costs of providing service to a customer—whether the customer has predictable, steady load level, or whether the customer has a highly variable load level and is therefore more expensive to serve. Though we report comparative results for each of these 16 combinations of load and load factor, R. W. Beck cannot emphasize enough that the particular characteristics of each customer will dictate what type of service contract is appropriate for a customer.

Table ES-1
Austin Energy Commercial and Industrial Examples by kW

Commercial Segmentation					Industrial
Small 10 – 100 kW	**Small – medium 100 – 300 kW**	**Medium 300 – 500 kW**	**Medium – large 500 – 1MW**	**Large 1 < 3MW**	**Industrial 3MW & Over**
▪ Office condos ▪ Small restaurant ▪ Auto repair ▪ Small retail ▪ Hair/nail salon ▪ Florist ▪ Day care ▪ Dentist office ▪ Gas station ▪ Fast food ▪ Bank ▪ Medium church ▪ Large pharmacy ▪ Large liquor store ▪ Day spa ▪ Auto parts	▪ Medium-large restaurant ▪ Private school ▪ Small hotel ▪ Small-medium office campus ▪ Radiological office ▪ Bakery ▪ Auto dealer ▪ Cabinet shop ▪ Distribution center ▪ Soup kitchen ▪ Fitness center ▪ Medium hotel ▪ Book store ▪ Elementary school	▪ Big box retail ▪ Large movie theater ▪ Large sporting goods ▪ Office complex ▪ Large electronics ▪ Large church ▪ Bio technology manufacturing ▪ Medium department store	▪ Large hotel ▪ Large grocery ▪ Residential high rise ▪ Retirement community ▪ High school ▪ Large department store ▪ Golf/country club	▪ Hospitals ▪ Medium manufacturing ▪ Regional HQ ▪ High rise office ▪ Large Commercial laundry	▪ Large data center ▪ Semi-conductor

Source: Austin Energy

Benchmarked Service Providers

R. W. Beck conducted a comparison of calculated AE customer electricity bills with calculated customer electricity bills in selected non-competitive communities across the state and estimated customer electricity bills for the four largest TDSP service territories where REPs compete to serve customers. In the non-competitive areas, the electric utilities serving the selected cities included municipally owned utilities, cooperative utilities, and one investor-owned utility.

Table ES-2 displays the city/metropolitan areas included in our analysis and the corresponding utility provider or TDSP in competitive market areas of Texas. TDSP's provide transmission and distribution service in specific geographic territories while REPs tend to serve a much larger area than one city and/or geographic market and may serve customers in numerous geographic areas. Thus an offer of a REP in one area may not be indicative of an offer from that same REP in a different TDSP territory.

Table ES-2 Electric Service Providers by City	
City	**Electric Service Provider or Territory**
Abilene	AEP Texas North [formerly West Texas Utilities]
Austin	Austin Energy (AE)
Beaumont	Entergy Texas
Brownsville	Brownsville Public Utility Board (BPUB)
Cedar Park	Pedernales Electric Cooperative (PEC)
Corpus Christi	AEP Texas Central [formerly Central Power & Light]
Dallas	Oncor [formerly TXU]
Elgin	Bluebonnet Electric Cooperative (BEC)
Houston	Center Point Energy [formerly Reliant Energy Houston Light & Power]
New Braunfels	New Braunfels Utilities (NBU)
San Antonio	CPS Energy
San Marcos	City of San Marcos Utility Service (San Marcos)

Alternative Methods of Estimating Energy Charges

Two methods were used to estimate electricity bills in competitive areas of the state;

1. Heat Rate Method
2. Market Clearing Price of Energy ("MCPE") Method

AE's calculated electricity bills based on published tariffs were compared with results from electricity bills estimated using both methods.

Heat Rate factors were estimated for the 16 customer size and usage levels using the R. W. Beck team's historic knowledge of market pricing for customers in the various competitive zonal sub-markets in ERCOT. For this analysis the range of heat rate factors used varied between a low of 9.4 to a high of 12.0. It is important to remember that these heat rate factors are for retail energy delivered to the distribution utility and include all potential energy charges including ancillary services, losses, ERCOT fees, load following costs, and all REP charges. The assumed heat rate was multiplied by the average natural gas futures prices for 2009 delivery to determine a cost of energy. When appropriate, zonal energy price differentials were also accounted for using annual average historic differences in MCPE zonal energy prices. Once the energy rates were estimated, TDSP charges were calculated for the assumed demand and energy usage of the customer and these costs were added to the calculated energy charges to achieve an estimated total bill.

For the MCPE method, R. W. Beck used historic MCPE data obtained from ERCOT to compute average daily On-peak and Off-peak prices. Average daily pricing was then used to calculate average monthly energy pricing. Sometimes an additional adder is applied by the retail electricity provider to the market price. In this analysis we included a $0.012 per kilowatt-hours ("kWh") adder to the reported market price. Once the energy rates were estimated, TDSP charges at the assumed demand and load factor were added to the calculated energy charges to achieve an estimated total monthly bill. Finally, a yearly average bill was calculated at both On-peak and Off-peak pricing levels.

In regulated areas, one comparison method was used. AE's calculated electricity bills based on published tariffs were compared across the 16 demand and load factor levels with electricity bills calculated for seven electric utility providers in non-competitive areas of Texas. Published tariff rates for these utilities were used to calculate a representative bill for each of the 16 demand and load factor levels. This bill calculation included fixed charges such as a monthly service fee and all applicable variable costs, based on data availability.

R. W. Beck also presented comparisons between AE tariff-calculated electricity bills with information published by the Electric Division of the PUCT. This information provides a commercial monthly electric bill comparison based on data collected from various utilities in markets within Texas that are not yet open to competition. The data is limited to utilities who participate in the survey and computations are provided by each participating utility; hence this analysis was limited to available data. Each utility calculates a typical customer's bill for a total of eight demand/load factor usage levels based on their internal rate tariff.

This study also presents Department Of Energy Information Administration ("DOE-EIA") based data. This DOE-EIA cannot be used to estimate electricity bills for specific customer classifications of load and load factor. This data is self-reported by utilities at an aggregated level, so only provider-by-provider averages can be used, and even those comparisons should be conducted carefully.

AE Comparative Results

Table ES-3 provides an overview of AE estimated electricity bills compared to the average of electricity bills estimated for other city/metropolitan areas included in our analysis using the Heat Rate and Published Tariffs Methodologies. Table ES-3 does not include MCPE results because this method exhibits considerable volatility in price and higher levels of risk for the customer. Therefore, the MCPE method does not compare well with AE's approach to pricing electricity. The information provided in the report related to DOE-EIA rate comparisons and the PUCT bill comparison survey was not included because the data provided by the utilities is self-reported and cannot be validated.

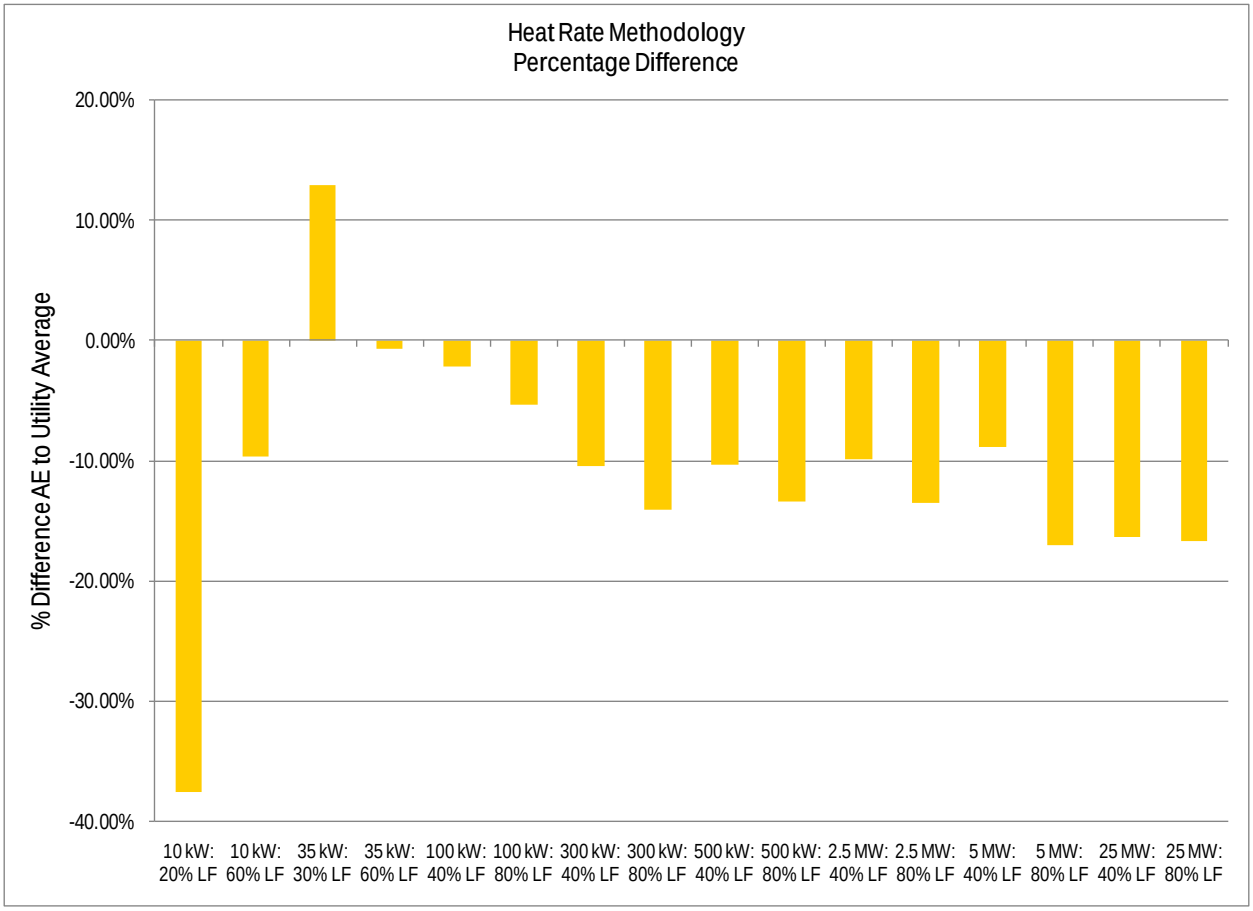
Table ES-3
AE Bills and Utility Monthly Electricity Bill Averages Summary Comparison

	Heat Rate Methodology – 2009			Published Tariffs Methodology – Through July 2010		
	Austin Energy (per Tariff)	Utility Average	Percentage Difference	Austin Energy Summer	Utility Average	Percentage Difference
10 kW						
20% Load Factor	$140	$193	-37.50%	$153	$156	-2.05%
60% Load Factor	409	449	-9.66	448	407	9.22
35 kW*						
7,500 kWh	876	763	12.93	900	713	20.81
15,000 kWh	1,285	1294	-0.68	1,309	1,357	-2.05
100 kW						
40% Load Factor	2,926	2,990	-2.17	2,995	2,526	15.66
80% Load Factor	4,519	4,760	-5.33	4,588	4,580	0.17
300 kW*						
87,000 kWh	7,878	8,669	-10.42	8,027	7,481	6.80
174,000 kWh	12,275	14,007	-14.11	12,424	13,334	-7.32
500 kW*						
145,000 kWh	13,131	14,494	-10.38	13,378	12,405	7.28
290,000 kWh	20,459	23,208	-13.44	20,707	21,857	-5.55
2.50 MW*						
720,000 kWh	65,401	71,837	-9.84	66,639	59,932	10.06
1,440,000 kWh	101,790	115,485	-13.45	103,028	104,239	-1.18
5 MW						
40% Load Factor	125,229	136,242	-8.79	129,447	121,090	6.46
80% Load Factor	190,608	223,154	-17.07	196,193	210,264	-7.17
25 MW						
40% Load Factor	616,978	717,954	-16.33	637,891	573,277	10.13
80% Load Factor	988,539	1,153,502	-16.69	1,062,947	1,007,131	5.25

*Pricing at four demand levels (35 kW, 300 kW, 500 kW, and 2.5 MW) was calculated at the following kWh's rather than at specific load factors to match data provided to the PUCT: 35 kW at 7,500 kWh and 15,000 kWh; 300 kW at 87,000 kWh and 174,000 kWh; 500 kW at 145,000 kWh and 290,000 kWh; 2.5 MW at 720,000 kWh and 1,440,000 kWh.

As illustrated in Figure ES-3 AE's estimated electricity bills compared to bills estimated using the Heat Rate Methodology tend to be lower than the estimated average electricity bills for other city/metropolitan areas at different size and load factors. The only exception where AE is higher than then utility average is at 35kW with a 30 percent load factor.

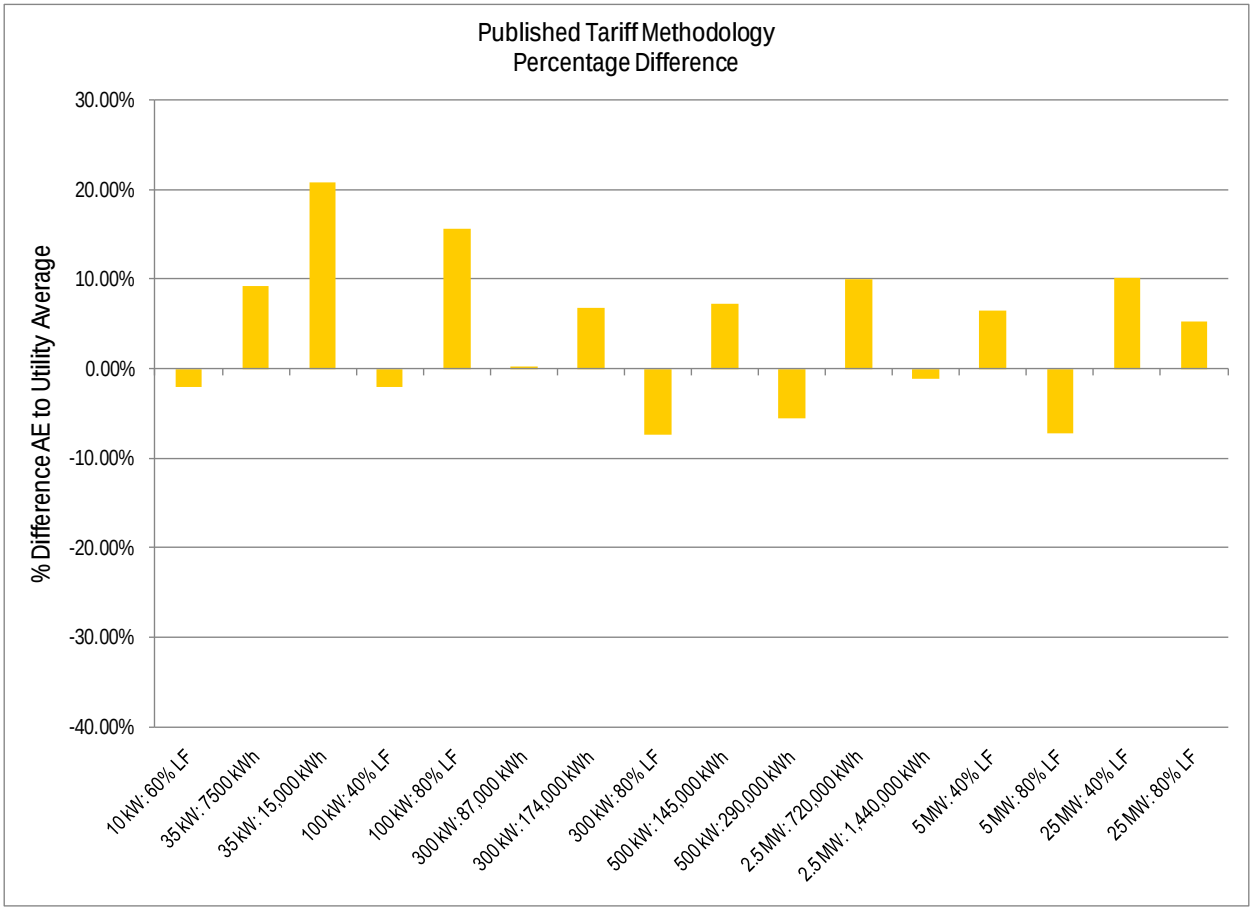
Figure ES-1:
AE Bills and Utility Monthly Electricity Bill Averages Summary Comparison
Heat Rate Bill Methodology – 2009



Source: Table 3 of this Report

AE's estimated electricity bills compared to bills estimated using published tariff information tend to be higher at certain size and load factors. AE's estimated bills are lower at 10 kW - 20 percent load factor, 35 kW – 15,000 kWh, 300 kW – 174,000 kWh, 500 kW – 290,000 kWh, 2.5 MW – 1,440,000 kWh, and 5 MW at an 80 percent load factor, as illustrated in Figure ES-2.

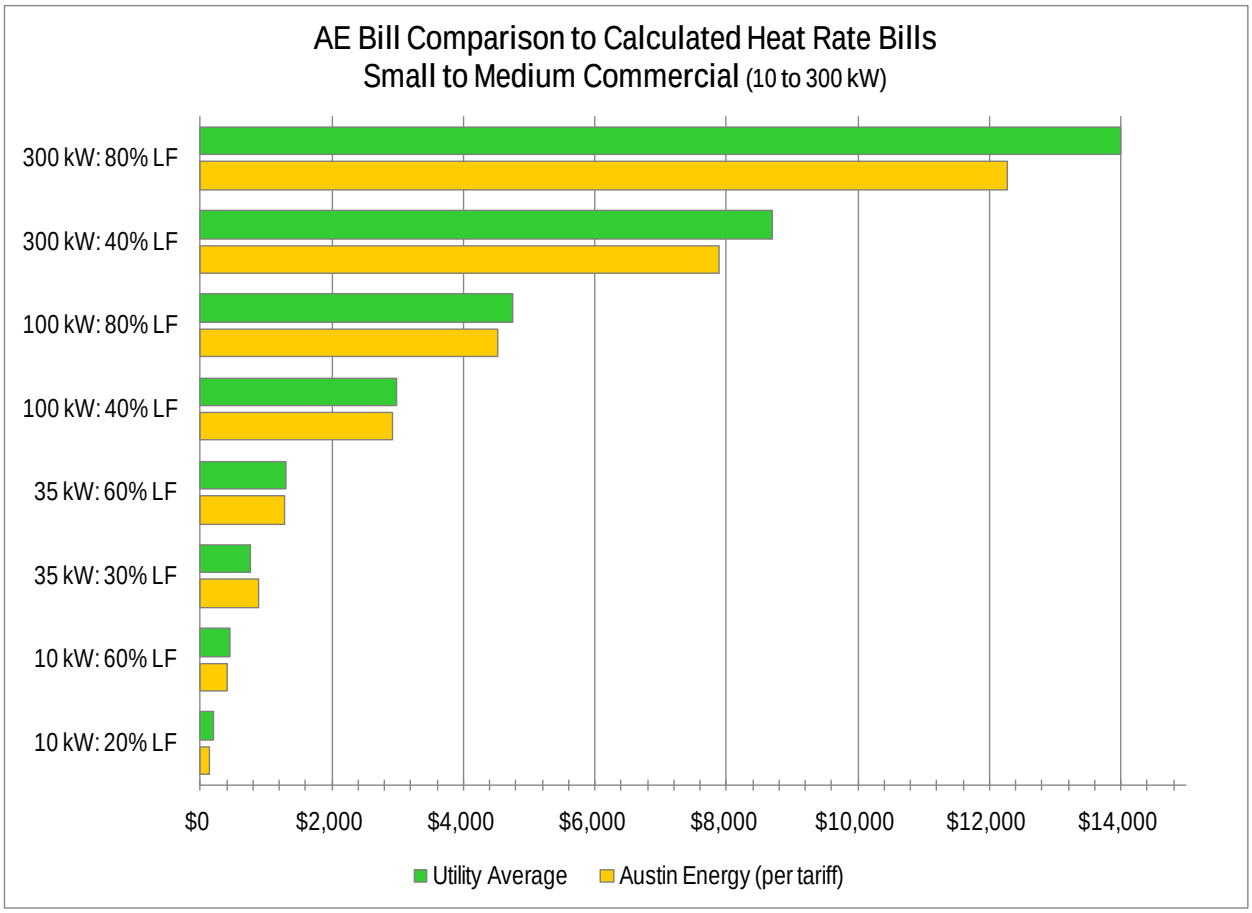
Figure ES-2:
AE Bills and Utility Monthly Electricity Bill Averages Summary Comparison
Published Tariff Methodology – Through July 2010



Source: Table 8 of this Report

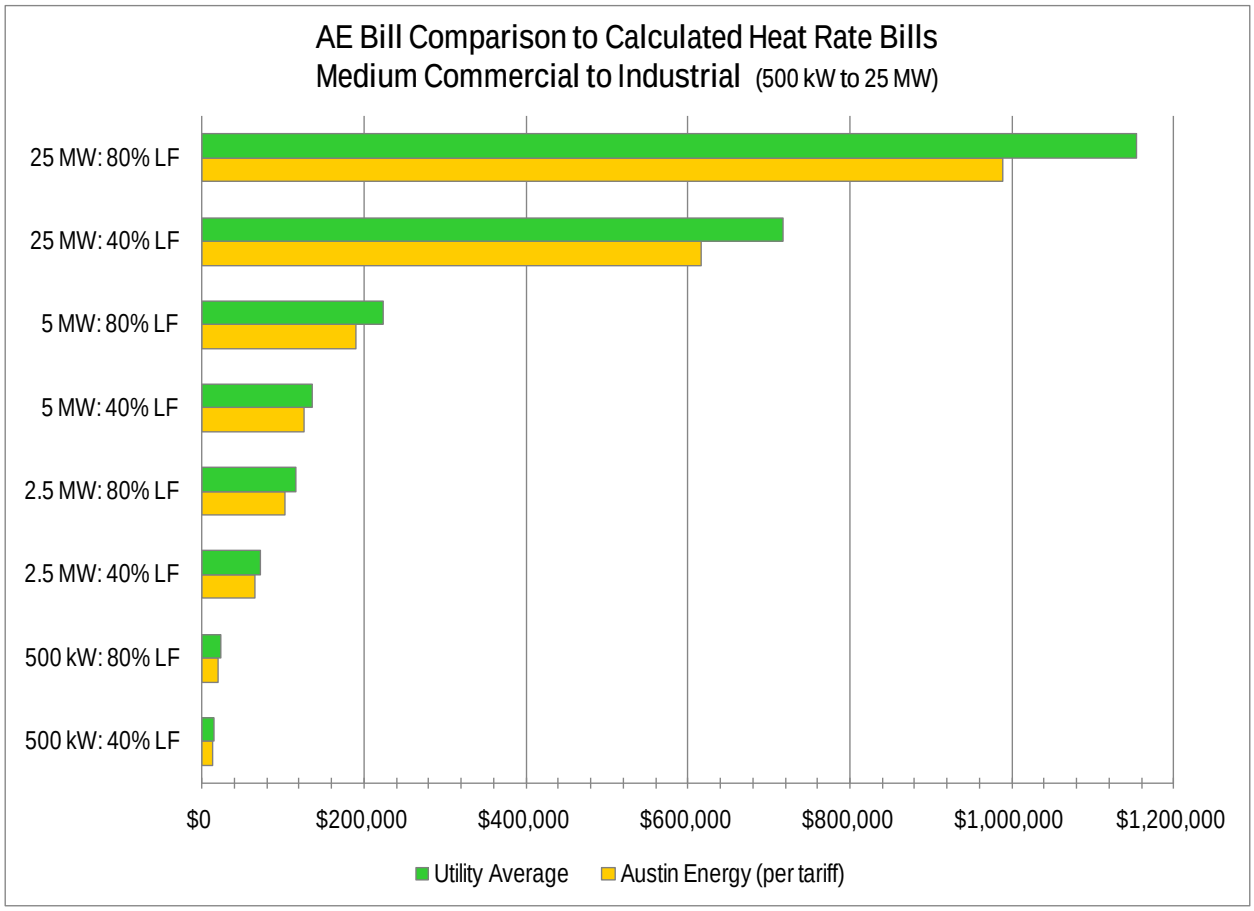
Figures ES-3 and ES-4 show that AE electricity bills calculated from published tariffs compare favorably with the simple average of representative electricity bills for utilities in competitive areas of the state calculated using the Heat Rate method. The estimates indicate that AE's electricity bills are most competitive for the larger customers. AE's electricity bills also appear to be more competitive for customers with higher load factors than the comparably sized customers at lower load factors. This could be the result of a policy or organizational objective to create incentives that reward customers with higher load factors. The Heat Rate method compares estimated electricity bills in AE's territory for each of the 16 load level classifications with the average estimated bill for 2009 in the four TDSP markets in Texas.

Figure ES-3:
Heat Rate Bill Comparison - Small to Medium Commercial - 2009



Source: Table 3 of this Report

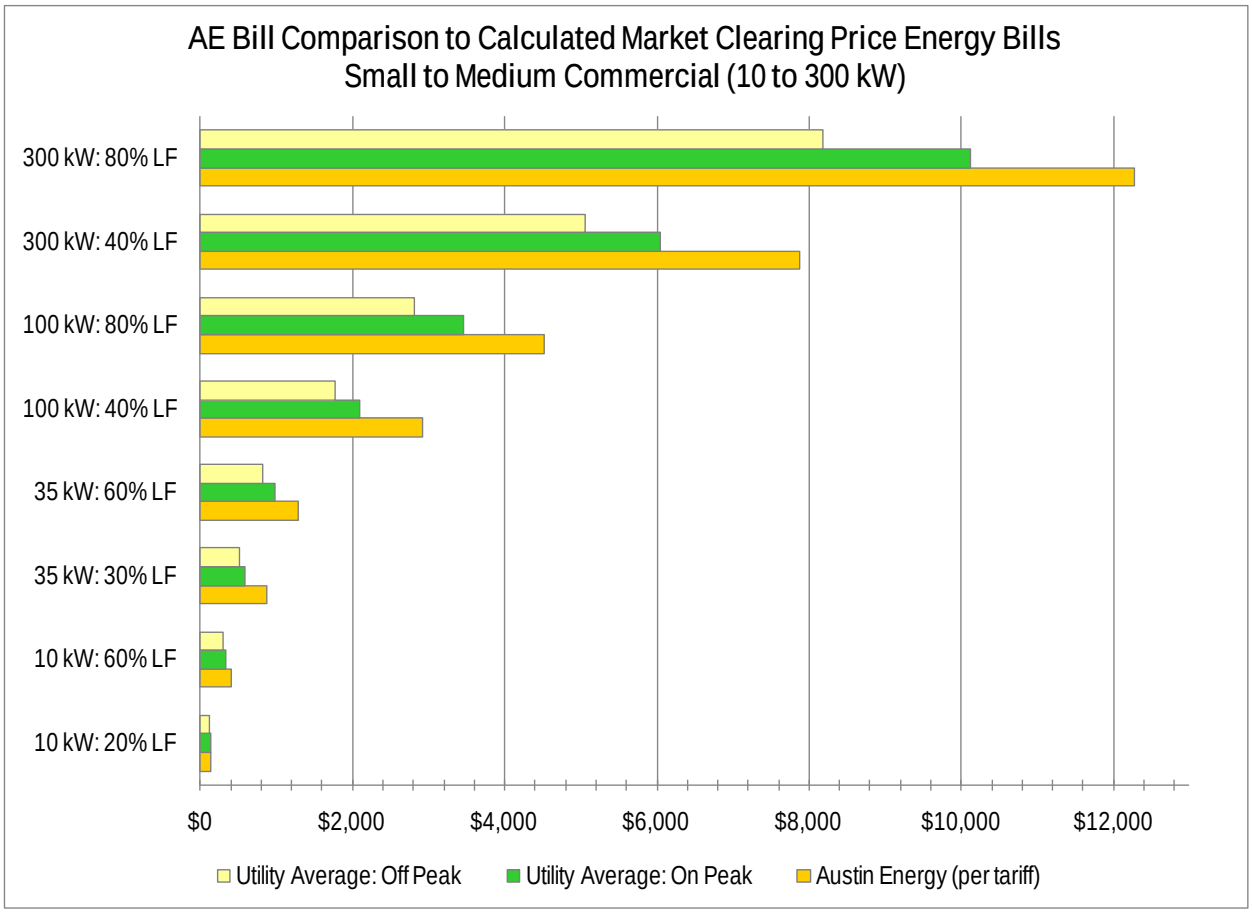
Figure ES-4:
Heat Rate Bill Comparison - Medium Commercial to Industrial - 2009



Source: Table 3 of this Report

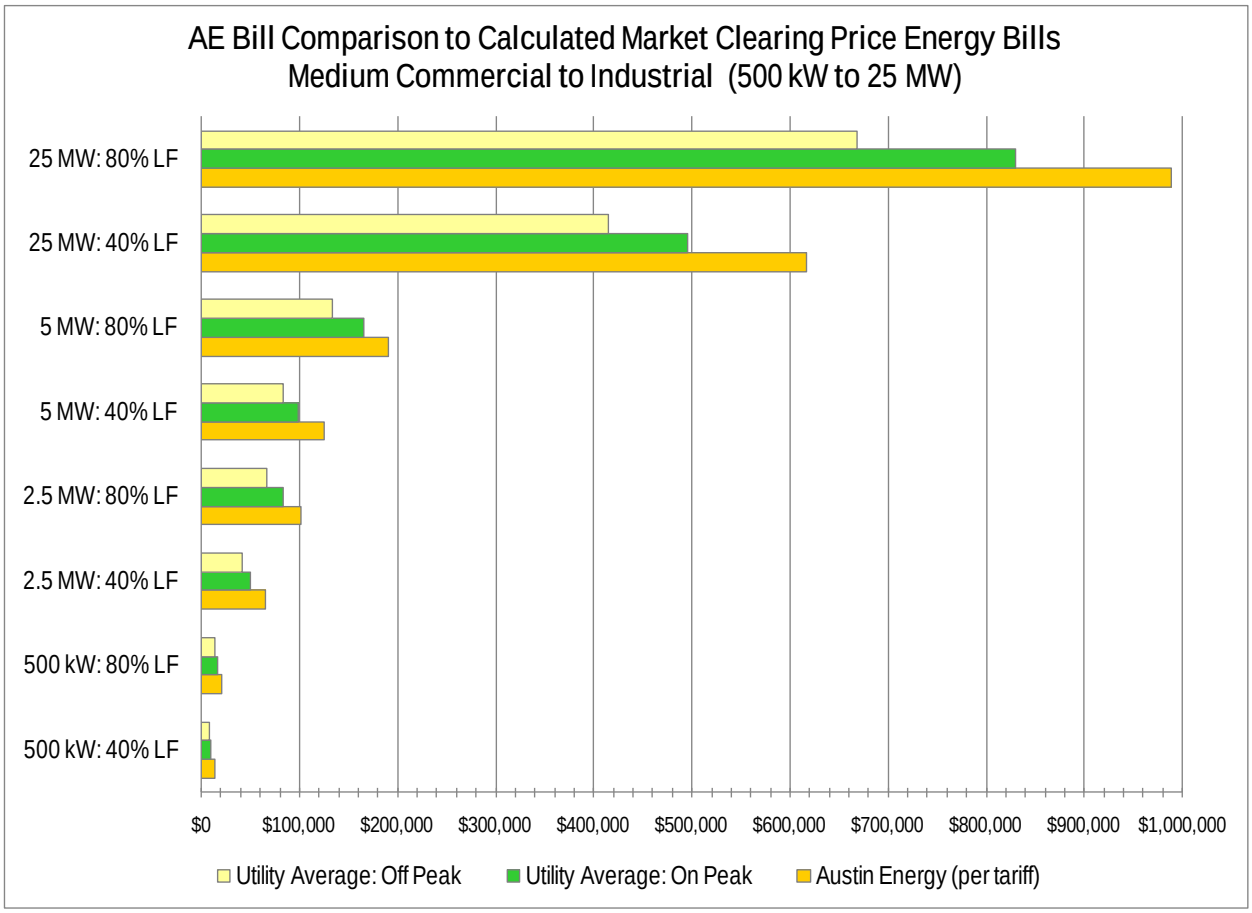
The MCPE method compares the calculated average monthly price at selected demand levels and load factors based on actual market clearing prices for 2009, which are illustrated in Figures ES-5 and ES-6.

Figure ES-5:
MCPE Bill Comparison – Small to Medium Commercial - 2009



Source: Table 5 of this Report

Figure ES-6:
MCPE Bill Comparison - Medium Commercial to Industrial - 2009



Source: Table 5 of this Report

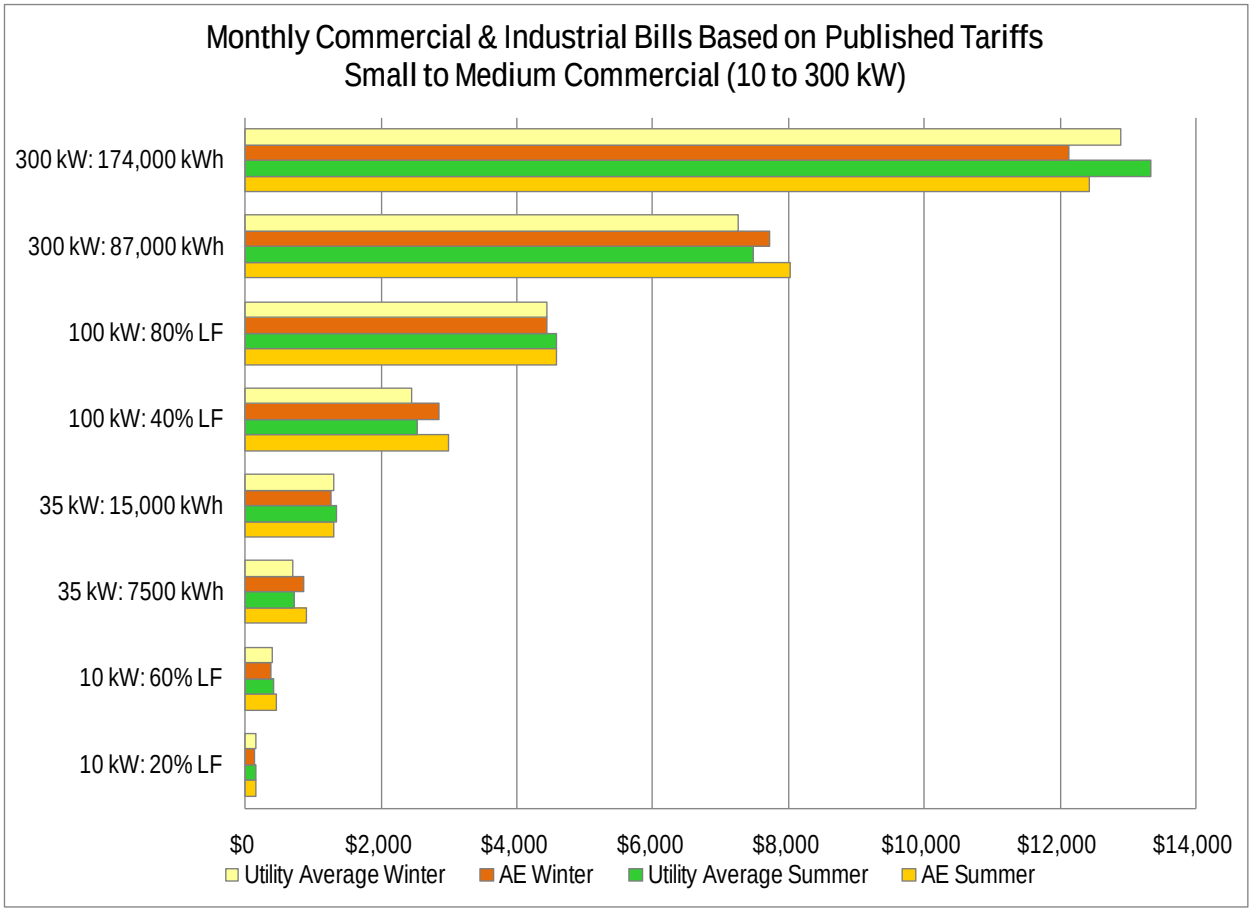
Figures ES-5 and ES-6 show that AE bills calculated from published tariffs are generally higher than the average of representative bills for utilities in competitive areas of the state calculated using the MCPE method. This is to be expected. The MCPE method produces a lower calculated electricity bill than the average of representative electricity bills for utilities in competitive areas of the state calculated using the Heat Rate method. Indeed, with few exceptions the MCPE method will also produce a lower electricity bill than representative electricity bills for utilities in regulated areas based on published tariffs. AE tariffs, like Heat Rate-type electricity supply contracts, are fixed price and exhibit a much lower volatility and energy price risk than MCPE-type contracts. The MCPE method introduces considerable volatility in price and higher levels of risk for the customer.

As expected, electricity bills calculated using published tariffs from a selected group of electric cooperatives and municipal utilities exhibit considerable variability. Many factors come into consideration for these utilities in setting rates and tariffs. Factors include the service territory

location within ERCOT, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, among others. The reader should also recognize that this comparison is a snapshot of one point in time or period of time and some utilities are in the process of changing tariffs which could ultimately change their comparative position within this group.

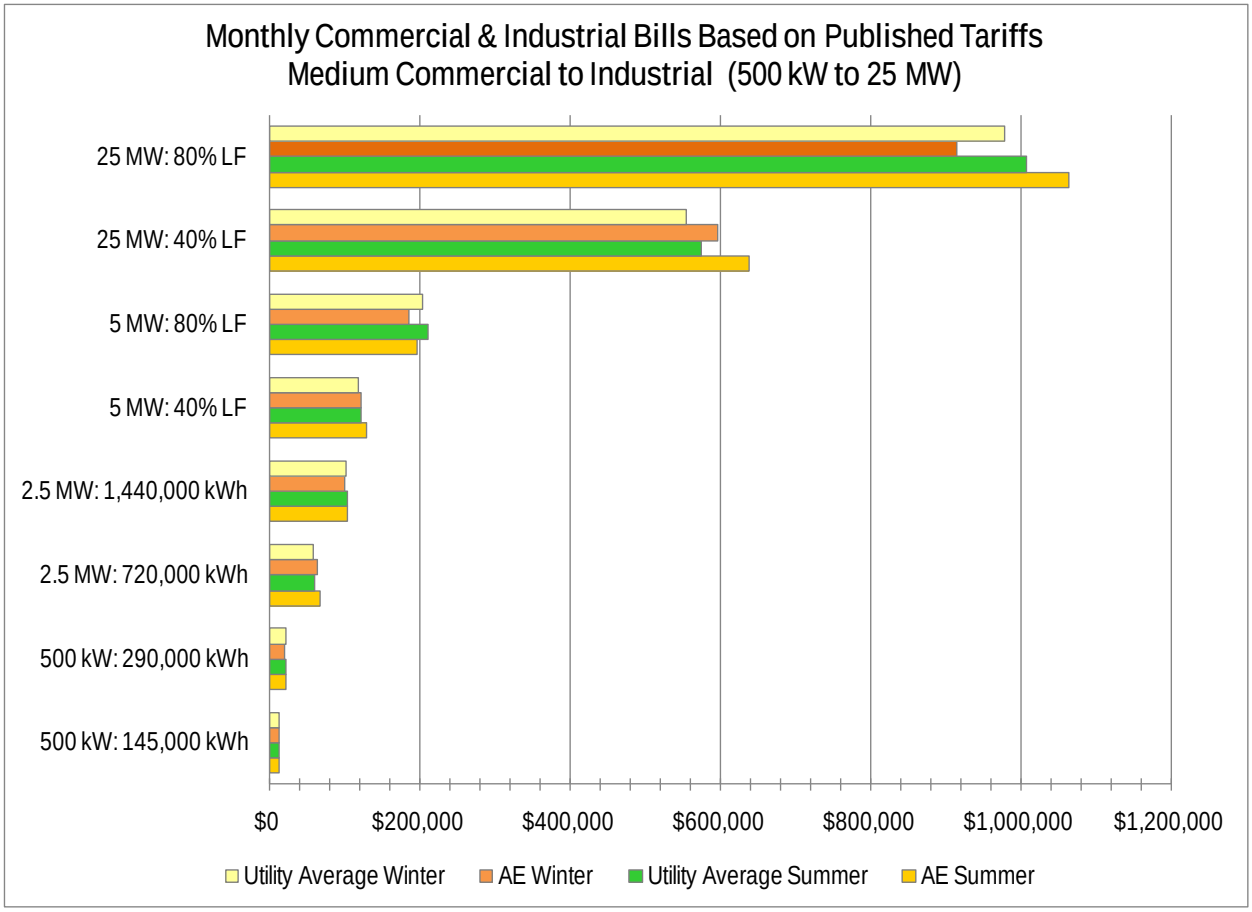
The published tariffs electricity bill comparison compares calculated AE electricity bills to other electricity bills using published public utility tariff information through July 2010, as illustrated in Figures ES-7 and ES-8.

Figure ES-7:
Published Tariffs Bill Comparison – Small to Medium Commercial – Through July 2010



Source: Table 8 of this Report

Figure ES-8:
Published Tariffs Bill Comparison–Medium Commercial to Industrial – Through July 2010



Source: Table 8 of this Report

The analysis contained within this study demonstrates that electricity bills calculated using AE's published tariffs compare favorably with electricity bills estimated or calculated for other competitive and regulated areas of the state. This statement applies to pricing arrangements that are similar to AE's electricity pricing terms. That is, pricing arrangements that can be categorized as "low risk, fixed term." Lower pricing arrangements are available in the Texas market, but such arrangements will be higher risk, variable-term arrangements. As such, those arrangements are not similar to AE's tariff-based pricing.

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Austin Energy Affordability Benchmarking Study
Evaluation of Electric Rates and Bills

Commercial and Industrial Rate Classes Comparisons Report

November 5, 2010

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Commercial and Industrial Rate Classes Comparisons Report

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions and observations contained herein attributed to R. W. Beck, Inc., ("R. W. Beck") constitute the opinions of R. W. Beck. To the extent that statements, information and opinions provided by the client or others have been used in the preparation of this report, R. W. Beck has relied upon the same to be accurate and for which no assurances are intended and no representations or warranties are made. R. W. Beck makes no certification and gives no assurances except as explicitly set forth in this report.

Introduction

In support of the Austin City Council's directive to determine the affordability of Austin Energy's ("AE") fully bundled retail rates for residential, commercial, and industrial customers, AE retained R. W. Beck, an SAIC Company and R. J. Covington Consulting, LLC ("R. W. Beck Team") to publish a study and assist in developing a method for which future changes in AE rates can be fairly evaluated against the financial impact on AE's customers. In this study, the measure of affordability is defined in the comparison of AE customers' electricity bills with those of customers of other utilities serving similar loads or demand in similar metropolitan areas within Texas.

Limitations on Availability of Comparative Data

R. W. Beck conducted a comparison of calculated AE customer electricity bills with calculated customer electricity bills in selected cities across the State of Texas. The electric utilities serving the selected cities varied from investor-owned utilities to cooperative utilities to municipally-owned utilities. It is important to recognize that in the competitive areas of Texas, energy service is provided by competitive firms via private contracts between the supplier and the customer. The terms of these contracts are typically confidential. For this reason, it is extremely difficult to collect actual electricity bills and contract provisions for the competitive areas of the state. There is no publicly available collected data set or independent survey that can be used to compare electricity bills. And because each individual customer may be served under unique terms, knowing the terms and prices of a few customers may not be representative of actual energy prices in the broader market. Therefore, R. W. Beck used several different approaches to estimate representative electricity bills across the state.

Components of a Retail Electricity Bill

In the regulated portions of the state—those served by municipal utilities like AE, by cooperative utilities, and the non-Electric Reliability Council Of Texas ("ERCOT") portions of the state—utility rates are based on tariffs adopted by regulating authorities, such as city councils. Those tariffs include all the costs of providing electric service.

In competitive territories, there are two distinct portions of an electric bill, the regulated wires charges ("transmission and distribution" or "T&D" costs) and the energy charges for providing electric service. Typically two different entities provide these services, transmission and distribution charges are included in the regulated tariffed rates of wires companies (called "Transmission and Distribution Service Providers" or "TDSPs"), while the energy charges are provided by unregulated, competitive Retail Electric Providers ("REPs"). The charges for the wires companies are publicly available. R. W. Beck estimated the energy component of the competitive and hence unknown portion. A customer's total estimated electric bill is composed of the computed wires charge plus the estimated REP charge.

Alternative Methods of Estimating Energy Charges

To estimate energy charges, R. W. Beck utilized methods similar to those used by REPs to develop customer contract pricing offers. This report uses two different methodologies because customers have options in the competitive market and depending upon the characteristics of an individual customer, may be attracted to different types of offers. Many customers take their service under a fixed priced contract of some term. Length of term (and hence the costs) will vary depending upon the preferences of individual customers. A select set of customers take their service under variable prices. Typically the variability in these prices is linked to the prevailing price of energy in the ERCOT-managed, centralized wholesale market. The ERCOT market price is known as the "Market Clearing Price for Energy" ("MCPE.") The MCPE is set in each of the four "zones" in ERCOT for every 15 minutes (explained in more detail below). Customers with a risk profile that can tolerate energy price volatility may enter into MCPE-based contracts. Some customers will take their power under a portfolio approach, where a share of their need is served under fixed price contracts, and a share under a variable term.

Since customers are not all alike and often take service under different terms, R. W. Beck used two approaches to calculate representative electricity bills and included additional publicly available data sets. Using multiple approaches helps validate the results of each alternative.

Fixed Price Offers: Heat Rate Method

R. W. Beck used a Heat Rate Methodology to simulate offers that allow a customer the option to fix its energy price. Customers may negotiate for multi-year fixed terms, but historically the extension of the term will often lead to higher contract prices. Fixed price offers are typically used by customers that want to avoid price volatility by establishing a fixed energy price over a specific time period, which is typical of most customers. These results are most comparable to the service terms of AE customers.

Variable Price Offers: Market Clearing Price for Energy Method

The other major approach used in this study, the MCPE methodology, uses spot energy prices as the basis for pricing. Customers receiving service under MCPE contracts will see variability in their electricity prices, in some cases, as often as every 15 minutes. Customers on MCPE contracts can see the price of power spike to as high as $2,250 per megawatt hour ("MWh"), the maximum ERCOT cap. MCPE contracts are often favored by large, less risk adverse customers, like refineries and steel mills, with the ability to manage price volatility and future price uncertainty. In some cases, customers on MCPE contracts may avoid high prices by shutting down production processes in the event of prices crossing a predetermined threshold. The tradeoff for accepting this additional risk and uncertainty is that this approach has historically resulted in a lower long-run average price for end users. Today, AE does not offer customers a rate comparable to MCPE-based contracts in the competitive market. Where MCPE contracts are available, only a limited set of AE's largest and most risk tolerant customers would likely be interested in trading a higher level of risk exposure and price uncertainty for a potentially lower price. In this report, R. W. Beck presents MCPE-based estimates for a variety of customer sizes and usage patterns, but for most customers, these should be considered indicative only as many customers will not tolerate the embedded price risks of such offers.

Tariff-Based Estimates in Regulated Territories

For the regulated territories, municipally-owned utilities, cooperative utilities, and investor-owned utilities outside of ERCOT, R. W. Beck used published tariffs to compute hypothetical electricity bills for customers of different sizes and usage patterns (characteristics referred to in the electric industry as "load profiles" or "load factors"). While computed electricity bills are presented for 16 different customer size and load profile classes, comparing electricity bills across these regulated utilities is not a straight forward exercise. For example, while results are presented for each regulated utility at 25 MW—an extremely large customer—some utilities may have no customers of this size. Where a customer of this type seeks service, an entirely new rate may be developed, thus the rate used to estimate a customer's bill may not be truly representative of what that entity would charge a customer with those characteristics. The customer mix may differ dramatically in these different territories. And regulating entities, like city councils and cooperative boards may use their rate designs to pursue a variety of public policy objectives.

Summary

The two market-based methodological approaches presented in this study, represent a spectrum of potential market prices from risk adverse customers willing to pay a higher price to achieve price certainty to more risk tolerant customers willing to forgo price certainty for the potential to pay less over time. For municipally-owned utilities and electric cooperatives, rates are based on published tariffs, but differences in customer mix, usage patterns, and policy objectives may create variability in electric bill comparisons.

Functioning of the Texas Electric Industry

To understand the differences in the tariff-based rates of regulated electric providers and the competitive electricity prices in deregulated portions of the state, it is important to have a basic understanding of electric market concepts and design. These concepts are also important in understanding the market-based derivation of the heat rate and MCPE-based price projections in this report.

In 2002, Senate Bill 7 opened portions of the Texas electric utility industry to retail competition and customer choice. As a result, customers in areas serviced by investor-owned utilities ("IOUs") were given the opportunity to choose and purchase electricity from REPs. Municipal utilities and electric cooperatives retain their exclusive right to provide electric service within their territories.

The restructuring of the industry required that the electric utilities unbundle themselves as separate business functions including[3]:

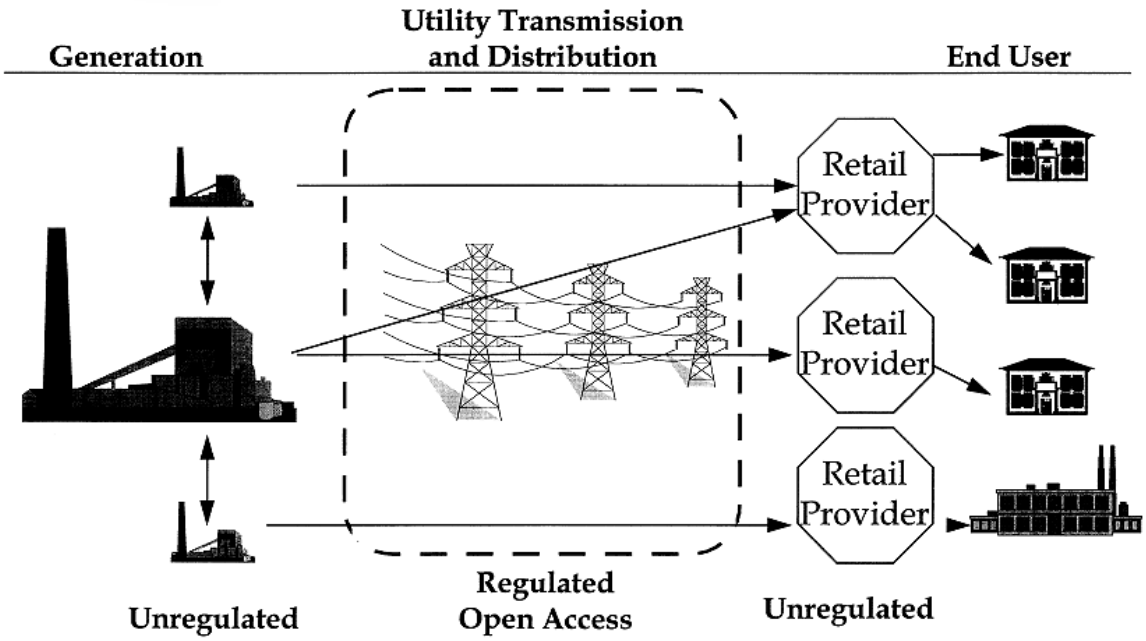
- Generation companies - businesses that produce electricity in Texas from a number of resources including natural gas, coal, nuclear power, wind, water and solar energy.

[3] Descriptions based on the "Power to Choose" website: www.powertochoose.org. Information provided by the Public Utility Commission of Texas.

- Transmission and distribution companies – businesses responsible for the actual delivery of the electricity over the poles and wires to the ultimate electricity customer. The Public Utility Commission of Texas ("PUCT") regulates the rates of these companies.
- Retail Electric Providers – companies that are certified by the PUCT to sell electricity to end use customers.

Figure 1 illustrates how the electric market in Texas is structured.

Figure 1:
Texas Electric Market



For purposes of this report, the key entities are the T&D utility and the REPs. In deregulated territories, the wires company retains an exclusive right to provide wires delivery services to end use customers, while the REP sells electricity services directly to customers. Only the REP interacts with retail customers for their electric service, so pricing offers from REPs will include both the regulated wires charges and the unregulated energy charges. Typically as pricing offers are structured, smaller customers may see only a bundled rate or price from the REP, so that the wires charges will be indistinguishable from the commodity electricity charges.

Another key participant in the deregulated electric industry is ERCOT, which serves as the independent system operator that administers and maintains the reliability of the state's electrical power grid. ERCOT manages the flow of electric power to 22 million Texas customers, representing 85 percent of the state's electric load. ERCOT schedules power on the Texas grid connecting 40,000 miles of transmission lines and more than 550 power generation units. More

relevant for this study is that ERCOT operates a centralized clearing market for electric services, called the "Balancing Energy Market," as well as a market for electricity reserves, called the "Ancillary Services Market." Today, about 5 to 10 percent of total wholesale electricity sales in the ERCOT region are transacted through the ERCOT market; however, after December 1, 2010, 100 percent of the power in the ERCOT region will be managed through ERCOT's centralized markets.

Balancing Markets[4]

Electricity in ERCOT's balancing market is traded in four large regions, or zones. Figure 2 shows these four ERCOT zones. Every hour of every day, ERCOT operates an electricity exchange in each of these four zones that sets the market clearing price for electricity in each of the 15 minute intervals of the next hour.

Figure 2:
ERCOT Zones

The market-clearing price is the price ERCOT pays for the last megawatt ("MW") procured for balancing energy, and is paid to all generators providing this service. In the competitive market, this MCPE has become a convenient benchmark for a particular set of retail electricity contracts. That benchmark is discussed in more detail below.

Transmission Congestion Management

The balancing energy market in ERCOT is divided into four zones because delivery of electricity across those zonal boundaries is characterized by significant regional congestion. Electricity purchased for use in a particular geographical area is not necessarily generated there. High voltage transmission lines deliver electricity from the point of production to end use locations,

[4] Description based on "Window on State Government" website: www.window.state.tx.us. The Energy Report 2008. Appendix 1: The Electricity Market.

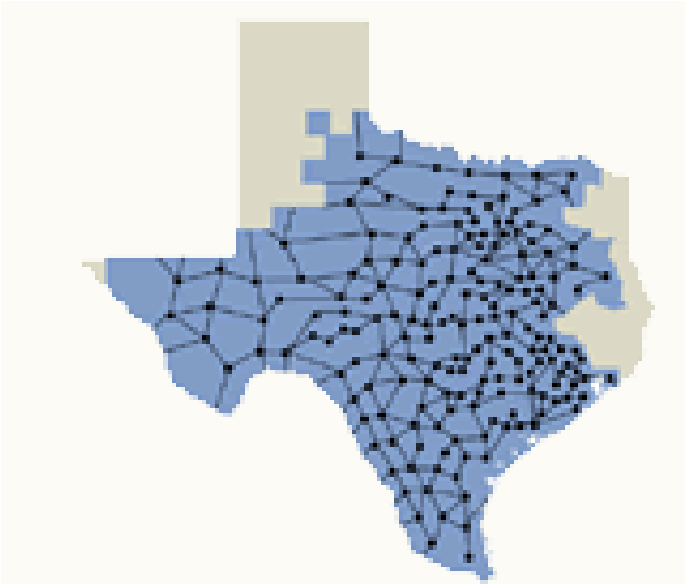
typically urban areas and industrial sites. In the ERCOT market, as in any market with varying prices, cheaper power may be purchased from a generator at some distance away from the user. Moving electricity across the grid from generator to end user often results in congestion — that is, the transmission lines are limited in the amount of power they can reliably carry. And Transmission congestion in ERCOT is most commercially significant across the boundaries of the four congestion zones.

ERCOT operates the balancing energy market to manage congestion across these zonal boundaries. When power flowing between two zones reaches a level that causes significant congestion, ERCOT will deploy "balancing energy service," buying "up" more power in the receiving zone, and buying "down" more power in the sending zone. This combination of actions will relieve the congested flow of electricity between zones to a reliable level.

As ERCOT operates the balancing energy market every 15 minutes, the MCPE in each zone will rise and fall according to ERCOT's procurements. Thus, throughout the day, there will be variations in the wholesale prices of electricity across the four regions. And as MCPE is at times used as a benchmark for developing certain retail supply contracts, those contract offers will differ from zone to zone with the expectation of changes in the zonal MCPEs.

It is also important to note that AE's service territory is located in the ERCOT South Zone. When comparing Austin Energy's prices, it is most relevant to compare to competitive offers within ERCOT's South Zone. Energy prices available in other zones may not be indicative of offers in the South Zone.

Figure 3:
Nodal Market



In December 2010, ERCOT will move to a Nodal Market design. Unlike the current Zonal Market discussed above, Nodal Market unique prices will be calculated every 5 minutes at every generator and major off take point across the grid (see Figure 3 for a high level illustration of pricing points). These prices will then reflect both the costs of power production and the embedded congestion cost associated with that point (or "node"). While large scale changes in congestion patterns and power prices are not expected after the December cutover, certainly some locations will experience changes in delivered electricity costs. As a result, REPs and end use customers may restructure their contracts to nodal pricing points rather than zonal averages as in the contracts existing today.

Characterizing Commercial and Industrial Retail Market Segments

The charter for R. W. Beck was to compare AE customer electricity bills with customer bills in selected cities across the state. Electricity customer bills consist of two components: (1) electric energy used by the customer–priced by REPs (which includes the cost to generate electricity, congestion, risk adjustments, and ERCOT fees), and (2) electricity delivery to the customer–priced by TDSPs (which includes the costs of the infrastructure and maintenance to deliver electricity to end use customers). Regional pricing differences will be seen according to the TDSP service territory and the ERCOT congestion zone in which the service is received. Each TSDP has unique delivery charges—reviewed and approved by the PUCT. Energy charges will differ from one congestion zone to another based on the congestion costs incurred across the ERCOT system. Of course, energy charges can vary as well depending on what costs the REP incurs in obtaining energy from generators, as well as marketing costs and other costs unique to each REP.

Utilities and REPs typically classify customers into groups with similar electric service characteristics such as[5]:

1. Residential customers: Includes private households that utilize energy for such needs as heating, cooling, cooking, lighting and small appliances.
2. Small commercial customers: Includes businesses whose peak electric demand during any twelve-month period is less than 50 kilowatt ("kW").
3. Commercial customers: Includes businesses such as retail stores, restaurants and educational institutions with a peak demand of 50 kW or more during any twelve month period.
4. Industrial customers: Includes factories or manufacturing plants and typically have the highest demand for electricity.

Definitions of residential, commercial and industrial customers vary slightly from one electric provider to the next. For example, AE typically classifies its *small* commercial customers as those customers with 100 kW load or less. These customer classifications provide a general description of what is commonly used in the industry, and pricing terms for a particular type of customer in one region are appropriately compared to similar customers in other regions or

[5] Descriptions based on the "Power to Choose" website: http://www.powertochoose.org/_content/_resources/glossary.asp. Information provided by the PUCT.

territories. Of these four classifications of customers, electric providers generally view commercial and industrial customers considerably differently than residential customers. This study addresses the commercial and industrial ("C-I") electricity market segment. The residential electricity market segment is described in a separate companion study within this report. Characteristics of commercial and industrial customers that set them apart from residential customers include greater electricity usage (higher loads), more sophistication in knowledge of electricity markets and physical equipment, additional requirements such as power quality, and the need for varying commercial terms in power supply contracts.

The most basic differentiation between "commercial" and "industrial" customers is in electricity usage or "load." More specifically, load can be: a) the amount of energy used per hour, measured in kilo-watt ('kWh"); or, b) the level of electricity demanded, measured in "kW". Industrial customers require more electricity than commercial customers and therefore represent larger loads to be served by an electricity provider.

Definitions of commercial and industrial loads are not standard or universal. AE does not classify C-I customers using the same exact definition as CPS Energy, Oncor or other electricity providers. Table 1, provided by AE, shows how AE's C-I customers can be grouped by load size and the typical types of businesses or organizations that fall into each category.

Table 1
Austin Energy Commercial and Industrial Examples by kW

COMMERCIAL SEGMENTATION					INDUSTRIAL
SMALL 10 – 100 KW	SMALL – MEDIUM 100 – 300 KW	MEDIUM 300 – 500 KW	MEDIUM – LARGE 500 – 1MW	LARGE 1 < 3MW	INDUSTRIAL 3MW & OVER
▪ Office condos ▪ Small restaurant ▪ Auto repair ▪ Small retail ▪ Hair/nail salon ▪ Florist ▪ Day care ▪ Dentist office ▪ Gas station ▪ Fast food ▪ Bank ▪ Medium church ▪ Large pharmacy ▪ Large liquor store ▪ Day spa ▪ Auto parts	▪ Medium-large restaurant ▪ Private school ▪ Small hotel ▪ Small-medium office campus ▪ Radiological office ▪ Bakery ▪ Auto dealer ▪ Cabinet shop ▪ Distribution center ▪ Soup kitchen ▪ Fitness center ▪ Medium hotel ▪ Book store ▪ Elementary school	▪ Big box retail ▪ Large movie theater ▪ Large sporting goods ▪ Office complex ▪ Large electronics ▪ Large church ▪ Bio technology manufacturing ▪ Medium department store	▪ Large hotel ▪ Large grocery ▪ Residential high rise ▪ Retirement community ▪ High school ▪ Large department store ▪ Golf/country club	▪ Hospitals ▪ Medium manufacturing ▪ Regional HQ ▪ High rise office ▪ Large Commercial aundry	▪ Large data center ▪ Semi-conductor

Source: Austin Energy.

Electricity load groups such as those shown in Table 1 help to determine what rate a C-I customer will be charged for electricity. For the regulated utilities, like municipally-owned utilities, these rates are published as tariffs. Tariff terms are typically fixed and the same terms are available to any comparable customer. For AE, the base tariff has been fixed for nearly 17 years, while the fuel factor is typically adjusted annually. However, AE's fuel charge has remained the same since 2008. Thus, the best comparisons against AE's rates are offers of a fixed price and term.

In the competitive market, many factors figure in to what a customer will be charged (the bill) for the electricity used. Often times the electricity provider will negotiate with the customer to customize a package that is appropriate to that customer's unique characteristics and acceptable for both the electricity provider and the customer. Considerations that may impact this negotiation include the load, the load factor (a measure of the difference between average and maximum load demanded by the customer over some time period, often one month), the voltage level at which a customer takes service, the location of the point of delivery to the customer, and many other factors associated with the commercial terms of the agreement between customer and electricity provider.

Load factor is a key driver of electric rates in regulated territories and price offers in the competitive market. A high load factor customer, such as a grocery store with refrigeration that operates 24 hours per day seven days per week, may receive a lower price per kWh than a lower load factor customer because the utility's fixed costs are being spread over more kWh of output to serve this type of customer. An example of a lower load factor customer is an office building that uses most of its energy Monday through Friday from 8 AM to 5 PM. Utilities have traditionally built generation to meet the highest need on its system ("peak load or peak demand"). It is often expensive to serve a customer that has variable energy needs because generating resources built to serve peak load are typically higher cost resources and operate fewer hours of the year over which costs can be recovered. Both regulated utilities and competitive REPs will incur higher costs to serve low load factor customers.

Another distinction between commercial and industrial customers is the voltage at which they are served. Commercial customers frequently receive electric service via the distribution system while industrial customers may receive their electric service via the transmission system. The distribution system in Texas is defined to be a line that carries less than 69 kilovolts ("kV"). The distribution system is used to distribute power drawn from high-voltage transmission systems to end-use customers. Transmission service is carried over lines with voltages at 69 kV and higher. Industrial customers who receive transmission service frequently own the step-down transformer, meaning that the TDSP incurs lower costs to serve transmission level customers. This cost difference is frequently reflected in the rate charged.

Commercial and Industrial customer classifications vary with each electricity provider. For this report, we have standardized customer classifications by adopting the characteristics shown in the comparison tables. For all comparison tables, starting with Table 5, R. W. Beck has chosen to use 16 load/size factor combinations. These tables show a variety of customer sizes, from as small as a 10 kW commercial load to an extremely large 25 MW customer. These tables also

show that we estimated prices for two different load factors for each load level. These different load factors are important because the load factor differentiates one dimension in the costs of providing service to a customer—whether the customer has a predictable, steady load level, or whether the customer has a highly variable load level, and is therefore more expensive to serve. Though we report comparative results for each of these 16 combinations of load and load factor, R. W. Beck cannot emphasize enough that the particular characteristics of each customer will dictate what type of service contract is appropriate for a customer. Only customers with a high risk tolerance for potentially highly volatile prices and billings (and in some cases, the willingness to drop load if prices rise too high) are good candidates for taking service under an MCPE contract. With that caveat, R. W. Beck reports results for each of these classifications to aid in comparison across regions and companies.

The pricing features described herein make comparing customer bills across Texas quite complicated. For this study, R. W. Beck started with AE's groupings for C-I customers and sought to match customer bill information for other providers, either reported or calculated, with AE's C-I customer categories. The comparative information consists of calculated bills representative of customers in the targeted study cities and information derived from applicable published utility and industry information.

Benchmarked Service Providers

The R. W. Beck team conducted a comparison of calculated AE customer electricity bills with calculated customer electricity bills in selected non-competitive communities across the state and estimated customer electricity bills for the four largest TDSP service territories where REPs compete to serve customers. In the non-competitive areas, the electric utilities serving the selected cities included municipally owned utilities, cooperative utilities, and one investor-owned utility.

Table 2 displays the city/metropolitan areas included in our analysis and the corresponding utility provider or TDSP in competitive market areas of Texas. TDSPs provide transmission and distribution service in specific geographic territories while REPs tend to serve a much larger area than one city and/or geographic market and may serve customers in numerous geographic areas. Thus an offer of a REP in one area may not be indicative of an offer from that same REP in a different TDSP territory.

Table 2 Electric Service Providers by City	
City	**Electric Service Provider or Territory**
Abilene	AEP Texas North [formerly West Texas Utilities]
Austin	Austin Energy (AE)
Beaumont	Entergy Texas
Brownsville	Brownsville Public Utility Board (BPUB)
Cedar Park	Pedernales Electric Cooperative (PEC)
Corpus Christi	AEP Texas Central [formerly Central Power & Light]
Dallas	Oncor [formerly TXU]
Elgin	Bluebonnet Electric Cooperative (BEC)
Houston	Center Point Energy [formerly Reliant Energy Houston Light & Power]
New Braunfels	New Braunfels Utilities (NBU)
San Antonio	CPS Energy
San Marcos	City of San Marcos Utility Service (San Marcos)

Components of an Electricity Bill in a Competitive Territory

There are many components of an electric bill in competitive areas of ERCOT. Based on the manner in which the REP chooses to contract with and bill the customer, these different components may not always be apparent to the customer. REPs serving customers incur at least two distinct charges: Energy charges for generating the energy used by the customer and TDSP (or wires) charges for delivery of this energy to the customer. For commercial and industrial customers these two charges are typically split into separate billing components with the TDSP (or wires) charges being passed through to the customer on an as billed basis from the distribution service provider and the energy charged based on contract terms between the REP and the customer.

The energy charge typically includes a number of cost components incurred by the REP to provide energy to the customer. Typically the costs paid to the generation company or energy marketer for the energy produced to serve the customer's need is the largest cost component in the energy charge.

Congestion is a key component in every electric bill, either as an explicit cost component or included as part of the energy charge. ERCOT manages congestion across the transmission network and assigns the costs of congestion to retail service providers according to formulas in

the ERCOT Protocols[6]. As ERCOT assigns congestion charges to an electricity provider, that provider will undoubtedly pass that cost along to the customer in the customer's bill. For customers paying a fixed price per kWh for all energy delivered, such as residential customers, the seller must anticipate (or forecast) the potential for congestion charges and include them in the total price per kWh charged the customer. The REP will include a congestion premium embedded in the retail price based on the REP's forecast for congestion at a particular location. For longer term offers, there will be more uncertainty in the REP's forecast, so a longer term price offer will likely be higher than a comparable shorter term offer reflecting the additional risk premium. For customers who pay on a variable basis, congestion charges can be reflected in the energy rate or as an additional charge passed through from ERCOT—depending upon the terms of service under an individual contract. In the extreme case, where a customer pays for electricity on an MCPE basis, the costs of the REP are driven less by the accuracy of its congestion forecast, thus the REP will add a lesser risk premium, typically resulting in a lower *average* price under such a contract.

In addition to congestion fees, other ERCOT associated fees in the current zonal market include the ERCOT system maintenance fee and the nodal surcharge. These fees are assigned to all retail loads on a dollar per MWh fee basis.[7] These fees will continue to be charged in the nodal market design and will be the same for all customers in ERCOT. Thus, there is no differentiation in these costs between competitive markets and traditional bundled utility markets in ERCOT.

Each REP also incurs costs for provision of ancillary services. Ancillary services are reserves that assure the reliability of the electric network. Every REP in ERCOT, either competitive or regulated, is required under ERCOT rules to provide certain types of reserves or to procure those reserves through the ERCOT ancillary services market. Price offerings from one REP to another will differ based on each REP's success in managing its ancillary services costs.

Also included in the energy charge are other charges that REPs incur in providing retail electric service to customers including their representative share of transmission system losses that inherently occur when transporting energy from the production source to the various usage points as well as fees to Qualified Scheduling Entities ("QSEs") to provide scheduling services and to financially settle with ERCOT for the costs of any special services provided by ERCOT.

Other pricing components may apply depending on the type of contract arrangement executed between the electricity provider and the customer. Electricity product offerings developed by electric providers for commercial and industrial customers may also take into account the customer's risk tolerance. For example, a risk adverse customer may be offered a fixed rate per kWh for any amount of usage, while another customer that is more risk tolerant may opt for an indexed rate where price is determined by the market every hour.

[6] The ERCOT Protocols are the 1,000 plus page rulebook under which the ERCOT transmission grid and market systems operate. Under State law, compliance with the ERCOT Protocols is mandatory and enforceable by civil penalties.

[7] The ERCOT nodal surcharge is collected by ERCOT from generators; however, it is generally accepted that generators pass through the nodal surcharge to REPs.

Methodology and Data for Competitive Market Estimates

R. W. Beck cannot emphasize enough in this report that in the competitive areas of Texas energy service is provided via private contracts that most often contain confidentiality provisions, binding both the seller and buyer to non-disclosure of key terms of the contract, such as energy pricing. For this reason, gathering actual bills and contract provisions to develop estimated bills is extremely difficult and time consuming and ultimately may not be representative of actual energy prices in the broader market. In addition, as offers from REPs are based on current market conditions and forecasts of market prices and congestion, a supply offer on any one day may not be valid or representative at a later time. Therefore, it was incumbent on the R. W. Beck team to adopt reasonable approaches to estimating and calculating representative bills in those competitive areas of the state. To calculate energy charges, the R. W. Beck team utilized methods similar to those used by REPs and wholesale energy providers to develop offers to customers. Non-energy related charges, such as T&D charges were estimated using the most current tariffs of the T&D service providers in the appropriate area.

The results reported below are estimates based on the methodologies described in this section. As these are estimates, it is important to provide validation of the estimates. Providing such validation is challenging for the same reason that the estimates are required. Comprehensive retail market information is not available. Later in this report, R. W. Beck will look to a set of publicly available data maintained by the Department of Energy's Energy Information Administration to assess and validate these estimates.

The following sections further describe the approaches used to conduct the comparative analysis and present the estimated bills developed using each approach.

Heat Rate Methodology

The Heat Rate method uses natural gas prices as the variable to track changes in energy prices over time. A representative heat rate factor is multiplied by an appropriate set of natural gas prices to determine energy costs at an assumed usage level. The natural gas prices utilized were taken from actual New York Mercantile Exchange ("NYMEX") natural gas futures closing prices realized in late 2008 for assumed deliveries in 2009. Next TDSP charges are calculated for this usage level and added to energy charges to achieve a total bill for electric service.

The Heat Rate method uses natural gas prices as the variable to track changes in energy prices over time. A representative heat rate factor is multiplied by an appropriate set of natural gas prices to determine energy costs at an assumed usage level. Next TDSP charges are calculated for this usage level and added to energy charges to achieve a total bill for electric service. The Heat Rate methodology is an approach to pricing used in many energy contracts, especially in markets where natural gas-fired generators are common, as they are across the ERCOT system. The heat rate method calculates a price of energy by multiplying the price of natural gas by a fixed factor, often called a heat rate.

Sometimes an additional pricing adder is applied to the equation to represent the costs of congestion, ancillary service, marketing, and other ERCOT fees. Using an additional adder

allows a seller to offer a lower heat rate to the end user while still maintaining a market price for energy.

Heat rate contracts can be offered as variable price contracts where the price varies over some agreed upon interval with the price of natural gas. Alternatively, heat rate contracts can be structured as fixed-price contracts. If the customer wants to convert to a fixed electric price the REP will often offer to purchase natural gas futures contracts which will fix the future price of gas used to calculate the energy price and thus lock-in a future price of energy under the contract. As a result, the pricing in a heat rate contract may differ from interval to interval based on a REP's natural gas price forecast. The ability to lock in a future price of energy at any time during the term of the contract makes the Heat Rate Pricing approach commonly used by customers desiring a fixed price for future energy deliveries. If energy prices are not where the customer wants them to be at the time of contracting the customer can use spot natural gas prices to set the energy price under the contract until natural gas futures prices are at a point that produces an acceptable energy price to the customer. At this time the REP can purchase natural gas futures and lock in their future energy price under the heat rate contract. Heat rates used in energy contracts will vary somewhat based on the location, energy usage and the usage pattern of the end-use customer.

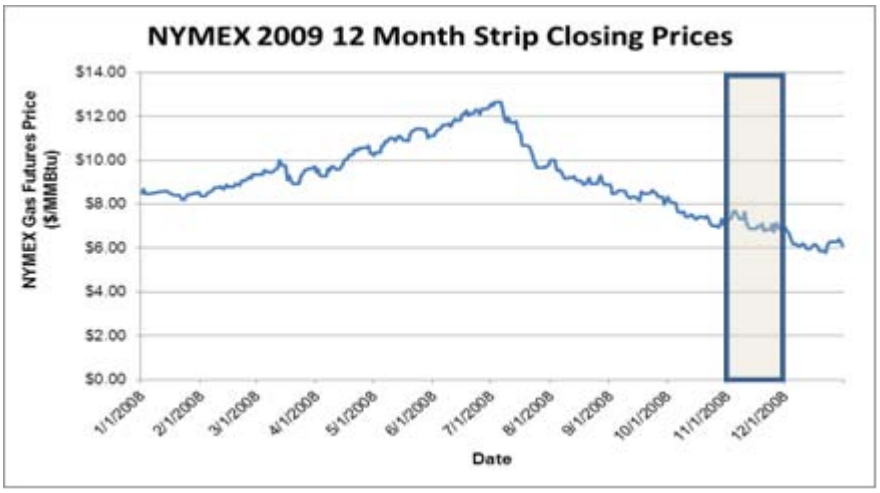
Heat Rate Methodology Analysis Approach

For this analysis, Heat Rate factors were estimated for various sized customers at various assumed usage levels using the R. W. Beck team's historic knowledge of market pricing for customers in the various competitive zonal sub-markets in ERCOT. Zonal energy price differences were accounted for using the average difference in zonal MCPE prices in 2009. The range of heat rate factors used in the R. W. Beck team's analysis varied between a low of 9.4 to a high of 12.0. It is important to remember that these heat rate factors are for retail energy delivered to the distribution utility and include all potential energy charges including ancillary services, losses, ERCOT fees, QSE fees, load following costs, and all REP charges. For larger high load factor customers or constant usage power purchases, heat rates will be lower than for low load factor and smaller customers that will typically have fewer units of energy usage to spread costs over. It is also important to keep in mind that R. W. Beck's approach did not utilize any price adders in addition to the Heat Rate factor. All cost recovery is included in the Heat Rate factor with the exception of the zonal energy price differentials which are derived from the differences in the annual average MCPE price for the zone in 2009. Using the North zone as the reference zone, the zonal price differentials used are $0.003 per kWh for the South zone and Houston zone and ($0.004) per kWh for the West zone.

Development of Fixed Energy Price

Since many heat rate-based customers ultimately want a fixed price for energy, the R.W. Beck team multiplied the assumed heat rate by historic NYMEX natural gas futures prices for 2009 delivery to determine a cost of energy. In determining the appropriate NYMEX natural gas futures prices to use, the R. W. Beck team was sensitive to the volatility natural gas futures prices prior in 2008, as shown by the chart below.

Figure 4:
Natural Gas Future Prices



R. W. Beck assumed that, given the declining nature of the natural gas market in the second half of 2008, a wise customer would wait for as long as reasonably possible to contract for 2009 delivered energy, but still allow enough time to ensure a contract was executed prior to the start of the year. Thus, R. W. Beck utilized a gas price based on the average of NYMEX 2009 natural gas futures prices realized during November 2008 (as shown on the shaded area of the above graph) as our estimate natural gas futures prices used to fix future energy prices.

For purposes of this approach no additional adders were utilized. Once the energy rates were estimated, TDSP charges were calculated for the assumed demand and energy usage of the customer and these costs were added to the calculated energy charges to achieve an estimated total bill. This could be a normal purchasing approach for an energy customer desiring a fixed price in the competitive market.

Table 3 below compares bills in AE's territory for each of the 16 load size and load factor classifications with the average estimated bill for 2009 in the four TDSP markets in Texas using the heat rate method. It is important to remember that the prices shown in Table 3 are for calendar year 2009 and are based on market conditions present and energy prices available at that that time. Given recent energy market price declines in 2009 through 2010, currently prices would probably be lower than the historic estimates presented below.

Table 3
AE Bill Comparison to Calculated Heat Rate Bills - Average for 2009

	Austin Energy (per Tariff) [1]	Houston (Center Point Energy)	Dallas (Oncor)	Corpus (AEP Texas Central)	Abilene (AEP Texas North)
10 kW					
20% Load Factor	$140	$220	$171	$195	$184
60% Load Factor	409	412	425	500	457
35 kW					
30% Load Factor	876	861	618	954	618
60% Load Factor	1,285	1,340	1,067	1,567	1,201
100 kW					
40% Load Factor	2,926	3,009	2,872	3,367	2,710
80% Load Factor	4,519	4,887	4,614	5,203	4,335
300 kW					
40% Load Factor	7,878	8,791	8,462	9,801	7,740
80% Load Factor	12,275	14,426	13,689	15,297	12,614
500 kW					
40% Load Factor	13,131	14,920	14,053	16,232	12,769
80% Load Factor	20,459	23,786	22,763	25,391	20,893
2.50 MW					
40% Load Factor	65,401	74,090	69,653	80,535	63,069
80% Load Factor	101,790	118,417	113,503	126,331	103,687
5 MW					
40% Load Factor	125,229	147,980	110,131	160,914	125,943
80% Load Factor	190,608	236,634	196,297	252,507	207,179
25 MW					
40% Load Factor	616,978	739,104	698,832	803,944	629,937
80% Load Factor	988,539	1,182,373	1,134,337	1,262,178	1,035,118

Source: AE Tariffs and calculated Heat Rate Prices using a gas price of $7.136/MMBtu
Note1 AE electricity bills were calculated as follows: 10 kW bills based on General Service Non-demand (EO2); 35 kW and 100 kW bills were calculated at General Service Demand (EO6) rates; 300 kW, 500 kW and 2.5 MW bills were calculated at Primary Service (EO7) rates; 5 MW bills were calculated based on Large Primary Service Special Contract Rider Time-Of-Use (LTC 2/3) and 25 MW bills were calculated based on Large Primary Service Special Contract Rider Time-Of-Use (LTC 2/3) and the Large Primary Service Special Contract - Industrial Rider Time-Of-Use (LIR 1). Fuel adjustment factor = $0.03653/ kWh. Primary fuel adjustment factor =$0.03544/kWh.

Table 3 suggests that based on the methodology and data used here, AE's C-I bills are comparable with C-I rates in competitive territories. The estimates indicate that AE's bills are most competitive for the largest-sized customers. AE's bills also appear to be more competitive for customers with higher load factors than the comparably sized customers at lower load factors. This could be the result of a policy or organizational objective to create incentives rewarding customers with higher load factors.

Each of these four cities in Table 3 is served by a separate T&D service provider that has its own unique tariff and set of rates. These different tariffs for wires services account for some of the differences across the different zones. AE also has unique rates for its wires services, though these are currently bundled in AE's whole rate, and therefore cannot be isolated from its bundled bill. In addition, it is important to note that each of the four comparison cities are located in separate ERCOT congestion zones or sub-markets, each of which may have its own unique cost of energy at any point in time based on the mix of generation assets in that zone and current or future anticipated cost of congestion between zones. As AE's service territory is in the ERCOT South Zone, the most appropriate comparison for AE is to focus on the results for other cities/service territories in the South Zone, which in Table 3 is Corpus Christi/AEP Texas. AE's electricity bills, based on tariffs, are generally lower than electricity bills calculated for Corpus Christi.

The results in Table 3 show that electricity bills for AE's C-I customers appear competitive with C-I customers in competitive territories served on fixed-priced contracts. Nevertheless, readers should be cautious when interpreting these comparisons. The results are based on estimates using assumptions about heat rates and forward prices for natural gas for an historic period. These estimates should be considered indicative only of a specific contract for a specific assumed customer. Each individual C-I customer's bill may differ from those in the table due to difference in customer load, load factor, voltage at which service is received, length of term that the contract is fixed, generation resource mix of the energy supplier, and other specific characteristics of what an actual contract agreement might contain. Additionally, current estimates may be somewhat more favorable in the competitive territories due to the recent price declines in both the natural gas market and the ERCOT electric market.

Market Clearing Price for Energy Methodology

ERCOT procures energy to balance the overall energy market every 15 minutes. ERCOT allows QSEs to utilize the balancing energy market as a supply resource. Balancing energy is procured on a market clearing basis by zone, meaning that the bid price of the highest (last) offer accepted by ERCOT will be the price paid for all offers accepted. Thus, every 15 minutes there is a new MCPE within each ERCOT zone. These markets are often available to customers via MCPE-based price offerings from REPs. These 15 minute interval prices at times may exhibit volatility with an ERCOT-established maximum price of $2,250 per MWh (or $2.25 per kWh) for energy. Energy supply based on a variable rate tied to MCPE are favored by larger customers who have sufficient cash reserves to accommodate significant volatility in their electric billings, or can afford to curtail usage on very short notice. As a customer taking service under these terms assumes pricing risk of as much as $2.25 per kWh, a customer taking service under these terms must be capable of managing that risk. MCPE volatility is illustrated in the data provided in Table 4.

Table 4
Range of Average Hourly Market Clearing Energy Prices by Month and Zone ($/MWh)

Month	Year	Max Hour North	Max Hour South	Max Hour West	Max Hour Houston	Min Hour North	Min Hour South	Min Hour West	Min Hour Houston
Jan	2009	$ 648.68	$1,060.24	$ 210.29	$ 626.28	$ 1.13	$ 1.13	$ (34.97)	$ 1.13
Feb	2009	$1,039.03	$ 952.87	$ 156.33	$ 982.62	$ 2.20	$ 2.20	$ (90.91)	$ 2.20
Mar	2009	$1,700.89	$ 584.34	$1,664.26	$ 640.42	$ (15.62)	$ (21.00)	$(235.38)	$ (15.62)
Apr	2009	$ 496.95	$ 450.26	$ 279.81	$ 465.69	$ (24.49)	$ (24.49)	$ (35.72)	$ (24.49)
May	2009	$ 584.10	$ 552.87	$ 439.84	$ 565.78	$ 1.13	$ 1.13	$ (35.66)	$ 1.13
Jun	2009	$ 200.23	$2,115.26	$ 256.08	$ 1,203.26	$ (3.48)	$ (3.48)	$ (34.84)	$ (3.48)
July	2009	$ 377.29	$ 377.29	$ 377.29	$ 377.29	$ 13.66	$ 13.66	$ (29.90)	$ 13.66
Aug	2009	$ 331.15	$ 331.15	$ 331.15	$ 460.99	$ 11.69	$ 11.69	$ (30.15)	$ 11.69
Sept	2009	$ 566.43	$1,295.17	$ 339.09	$ 1,803.67	$ 10.91	$ 10.91	$ (32.79)	$ 10.91
Oct	2009	$ 415.21	$ 415.21	$ 415.21	$ 519.75	$ 0.65	$ 0.65	$ (22.89)	$ 0.65
Nov	2009	$ 228.91	$ 228.91	$ 228.91	$ 228.91	$ (7.63)	$ (7.63)	$ (7.63)	$ (7.63)
Dec	2009	$ 282.94	$ 282.94	$ 282.94	$ 282.94	$ (18.87)	$ (18.87)	$ (28.51)	$ (18.87)
Jan	2010	$ 233.82	$ 670.81	$ 233.82	$ 417.83	$ 14.90	$ 14.90	$ (29.50)	$ 14.90
Feb	2010	$1,259.74	$1,256.04	$ 395.46	$ 1,257.91	$ 13.67	$ 13.67	$ (24.71)	$ 13.67
Mar	2010	$ 587.67	$ 586.33	$ 434.47	$ 587.02	$ (13.01)	$ (13.08)	$ (31.57)	$ (13.04)
Apr	2010	$ 333.76	$ 333.76	$ 333.76	$ 333.76	$ (0.95)	$ (2.17)	$ (30.18)	$ (1.51)
May	2010	$ 538.84	$ 538.84	$ 538.84	$ 538.84	$ (21.03)	$ (21.03)	$ (21.03)	$ (21.03)
Jun	2010	$ 316.28	$ 316.28	$ 316.28	$ 316.28	$ 5.16	$ 5.16	$ (30.23)	$ 5.16
July	2010	$ 294.31	$ 347.57	$ 266.70	$ 491.68	$ 16.63	$ 15.74	$ (1.76)	$ 16.20

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For this analysis, R. W. Beck used historic MCPE data obtained from ERCOT to compute average daily on-peak and off-peak prices. An example of the ERCOT information used to calculate the MCPE monthly bills is attached as Exhibit 1. Average daily pricing was then used to calculate average monthly energy pricing. Sometimes an additional adder is applied by the retail electricity provider to the market price, and in this analysis we included a $0.012 per kWh adder to the reported market price to cover the many other costs and charges incurred by the REP to provide energy service to the customer. These costs were mentioned earlier in this report and include provision of ancillary services, system losses, and ERCOT fees and charges as well as REP costs such as administrative costs, billing costs, scheduling costs, and REP profit margin. These fees may vary from REP to REP and can change based on overall market conditions and the cost the REP incurs to obtain these services. R. W. Beck's estimate is based on historic experience and market expertise. Once the energy rates were estimated, TDSP charges at the assumed demand and load factor were added to the calculated energy charges to achieve an estimated total monthly bill. Finally, a yearly average bill was calculated at both On-peak and Off-peak pricing.

Table 5 compares estimated AE electricity bills with electricity bills developed for other utilities using the MCPE methodology. The table shows the calculated average monthly price at select demand levels and load factors based on actual market clearing prices for 2009. On average, the electricity bills estimated using the MCPE methodology are lower than the electricity bills using the heat rate methodology. This result is expected because by taking service on an MCPE basis, the customer is taking on risk that would otherwise be incurred by the REP or mitigated through some type of market instrument. Companies taking service under a variable MCPE-based rate are likely to hedge the risk themselves or be willing to interrupt service should prices exceed an agreed upon threshold.

As discussed in the section on using the heat rate method, it is important to note the differences in prices between the four zones in ERCOT. Each of the four cities analyzed in ERCOT's competitive market areas resides in a different congestion zone. Each zone has a different set of unique generators that lie within that zone as well as a unique MCPE price for balancing energy. Moving generation produced in one zone to a load or end-user located in another zone can be subject to congestion fees that increase the cost of energy. As such, from a pricing perspective, each zone can be thought of as a unique dynamically priced sub-market of its own. This is particularly true in the West zone, which has experienced an unprecedented increase in the amount of wind generation in recent years. Historically, the electric transmission system has lacked the transfer capacity to move this wind generation out of the sparsely populated West zone into more populated zones with higher electricity demands. This wind generation has been somewhat "landlocked' creating an overabundance of supply in the West zone and creating abnormally low energy prices in this zone. Austin resides in the ERCOT South Zone and its pricing is best compared to providers within that zone. The South Zone also includes the Corpus/AEP Texas Central market. Energy prices available in other ERCOT congestion zones may not be available in the South zone in which Austin resides.

AE does not today offer its customers the option to take power at a variable rate comparable to the variable rate plans available to C-I customers in competitive territories. Variable rates can be

advantageous when the supply of energy is significantly greater than demand for energy. Thus, it is expected that when comparing historic MCPE-based bills, which would typically be offered on a variable basis to customers, against AE's fixed tariffs, the MCPE-based bills will be lower than AE's. Should AE at some time in the future offer a comparable variable rate plan, a customer should anticipate a more volatile bill than under the comparable tariff, as that plan will shift market risk from AE to the customer. When supply significantly exceeds demand, the customer can expect the possibility of a lower bill than under a longer term fixed price options. When energy supplies are not so plentiful, the customer can expect the possibility of a higher bill than under a longer term fixed price option.

Table 5
AE Bill Comparison to Calculated Market Clearing Price of Energy Bills – Average for 2009

	Austin Energy (per Tariff)[1]	Houston (Center Point Energy)		Dallas (Oncor)		Corpus (AEP Texas Central)		Abilene (AEP Texas North)	
		On Peak	Off Peak	On Peak	Off Peak	On Peak	Off Peak	On Peak	Off Peak
10 kW									
20% Load Factor	$140	$161	$145	$111	$97	$137	$118	$125	$109
60% Load Factor	409	306	257	317	276	396	340	352	302
35 kW									
30% Load Factor	876	590	505	592	521	688	590	507	421
60% Load Factor	1,285	969	798	941	799	1,204	1,008	832	660
100 kW									
40% Load Factor	2,926	2088	1762	1,980	1,710	2,504	2,131	1,836	1,508
80% Load Factor	4,519	3534	2883	3,308	2,769	3,957	3,210	3,067	2,411
300 kW									
40% Load Factor	7,878	6,029	5,051	5,784	4,975	7,214	6,093	5,119	4,135
80% Load Factor	12,275	10,367	8,412	9,769	8,151	11,561	9,317	8,811	6,843
500 kW									
40% Load Factor	13,131	10,317	8,687	9,588	8,240	11,920	10,050	8,402	6,763
80% Load Factor	20,459	17,022	13,762	16,231	13,534	19,164	15,425	14,555	11,276
2.50 MW									
40% Load Factor	65,401	51,074	42,926	47,632	40,890	58,976	49,629	41,233	33,035
80% Load Factor	101,790	84,597	68,301	80,844	67,359	95,196	76,503	71,997	55,601
5 MW									
40% Load Factor	125,229	101,949	85,653	95,187	81,702	117,796	99,103	82,272	65,875
80% Load Factor	190,608	168,995	136,403	161,611	134,641	190,237	152,850	143,800	111,008
25 MW									
40% Load Factor	616,978	508,947	427,467	475,627	408,202	588,359	494,892	410,579	328,598
80% Load Factor	988,539	844,178	681,218	807,748	672,897	950,563	763,627	718,223	554,260

Source: AE Tariffs and Table 5 – Market Clearing Price
[1]See footnote for Table 3.

As stated in describing Table 5, we expected the MCPE methodology would produce the lowest electricity bill calculation based on the historical analysis conducted for the competitive ERCOT market. It follows that AE's electricity bills based on current tariffs will be higher than electricity bills calculated for other providers using the MCPE methodology.

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Data Comparisons Using Publicly Available Data

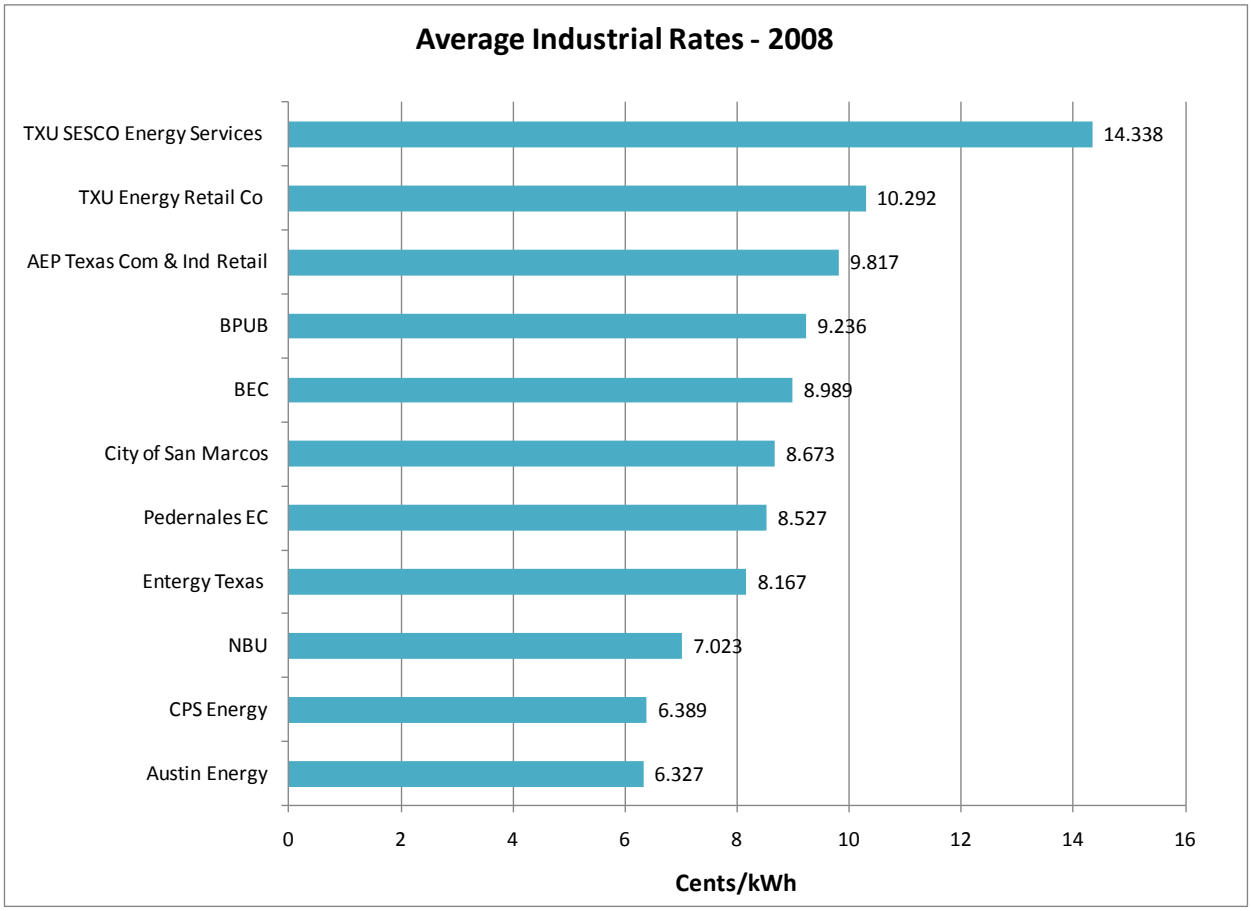
Energy Information Administration

The R. W. Beck team also considered publicly available data to provide additional sources to estimate billings and serve as a reasonableness check on data developed using other approaches. While there is no comprehensive data set available for such a comparison, one such source is the Department of Energy's Energy Information Administration ("DOE-EIA") pricing data which is based on self-reporting by utilities. This DOE-EIA data cannot be used to estimate electricity bills for specific customer classifications of load and load factor. These data are self-reported by utilities at an aggregated level, so only provider-by-provider averages can be used, and even those comparisons should be conducted carefully. The data are based on each utility's internal classification of customers. DOE-EIA guidance states that the commercial data should reflect "electric energy supplied for commercial purposes" and industrial data should reflect "electric energy supplied for industrial purposes."

The DOE-EIA provides independent statistics and analysis of the energy industry in the United States. Through its Forms EIA-861 "Annual Electric Power Industry Report" and EIA-826 "Monthly Electric Utility Sales and Revenue Data" the DOE-EIA collects data such as peak load, generation, electric purchases, sales, revenues, customer counts from electric utilities, wholesale power marketers (registered with the Federal Energy Regulatory Commission), energy service providers (registered with the States), and electric power producers. Form EIA 861 provides data from a comprehensive group of utilities and retail providers; however the most recent data available are for calendar year 2008. As such, these data do not provide a means to determine whether declines in natural gas prices that have occurred after the 2008 time period have resulted in lower commercial and industrial rates as reported to EIA.

Form EIA-826 is used to collect retail sales of electricity and associated revenue each month from information reported by a limited number of electric utilities that participate in the Form EIA-861 reporting. This information is timelier; but draws from a much smaller group of utilities and retail providers. For 2010 the only utilities selected for this study who reported the Form EIA-861 were CPS Energy and Entergy Texas.

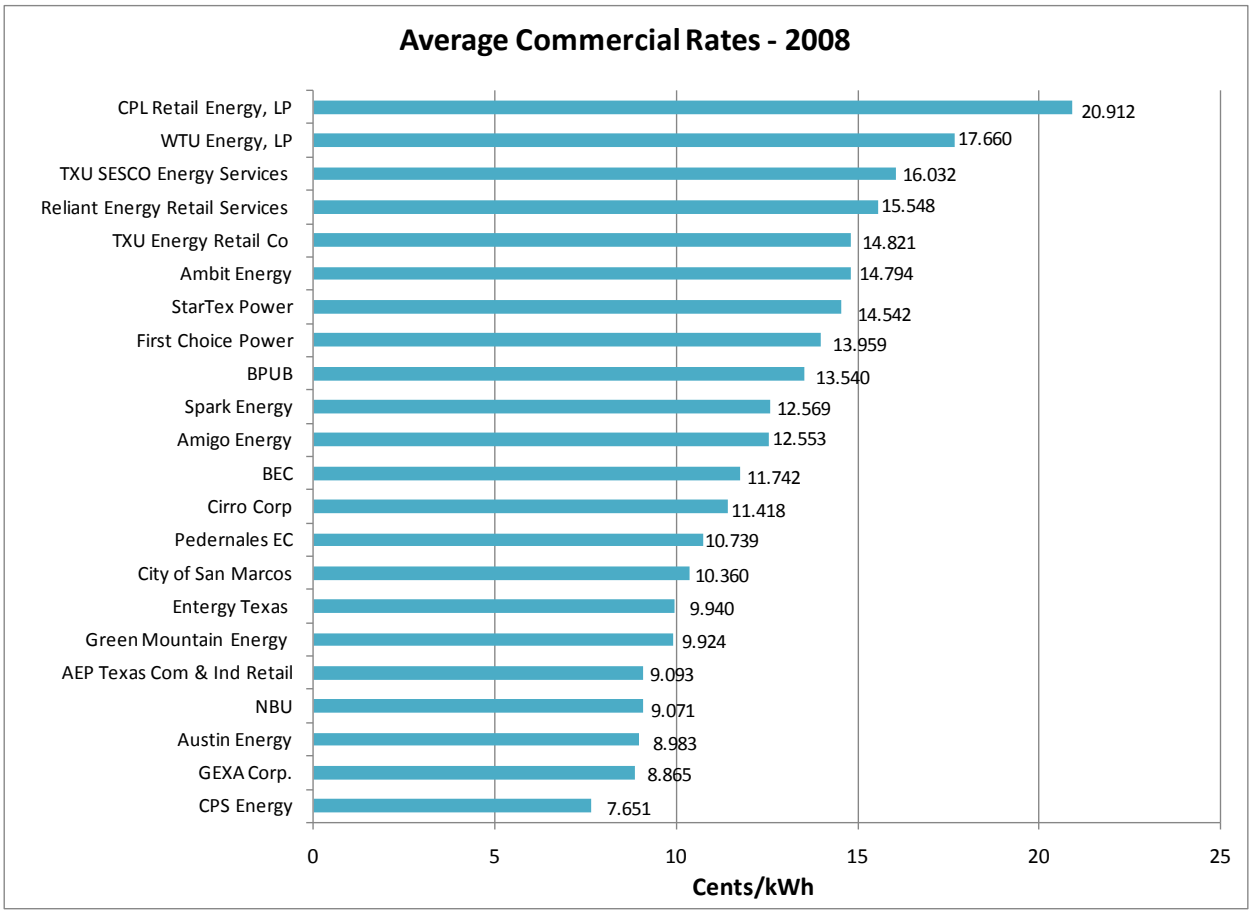
Figure 5:
Average Industrial Rates



Source: EIA Form 861 - 2008 www.eia.doe.gov/cneaf/electricity/page/eia861.html
Note: Data for all REPs and Non-Opt In Entities ("NOIEs") is not available from EIA.

In Figures 5 and 6, R. W. Beck used the data elements from the "Annual Electric Power Industry Report" for 2008 to calculate an average price for kWh for all customers classified as industrial (Figure 5) and commercial (Figure 6). This DOE-EIA based data cannot be used to calculate electricity bills or comparisons of those bills, only high level averages for each utility or REP. As reported in Form 861and illustrated in Figure 5, 2008 average industrial customer rates in Texas ranged from approximately 6 cents per kWh to about 14 cents. AE and CPS Energy rates were among the lowest in the ERCOT area at 6.33 cents and 6.39 cents, respectively. Note, these results are for 2008, prior to the recent decline in natural gas prices. Due to that decline, we expect to see lower average industrial and commercial rates in 2009 and 2010 for many providers, particularly in competitive territories.

Figure 6:
Average Commercial Rates



Source: EIA Form 861 – 2008 www.eia.doe.gov/cneaf/electricity/page/eia861.html
Note: Data for all REPs and NOIEs is not available from EIA.

In 2008, average commercial customer rates in Texas ranged from approximately 7.5 cents per kWh to just over 20 cents. Again, Austin Energy and CPS Energy rates were the lowest in the ERCOT area, at 7.65 cents and 8.98 cents, respectively, as shown in Figure 6.

Public Utility Commission of Texas Data

The Electric Division of the PUCT provides a commercial monthly electric bill comparison based on data collected from various utilities in markets within Texas that are not yet open to competition (http://www.puc.state.tx.us/electric/rates/NCrate/index.cfm). The data is limited to utilities who participate in the survey and computations are provided by each participating utility; hence this analysis was limited to available data and is self-reported without any form of validation. Each utility calculates a typical customer's bill for a total of eight demand/kWh levels based on their internal rate tariff.[8] Of the providers covered in this report, AE, CPS

[8] Public Utility Commission of Texas. http://www.puc.state.tx.us/electric/rates/NCrate/rclass.cfm. The PUCT provides the following disclaimer, "This is information is compiled by the PUCT from publicly available information

Energy, City of San Marcos and Entergy Texas participate in the PUCT survey; however, details regarding the specific tariffs used to generate this information are not provided. These results are shown in Table 6 under the columns labeled PUCT Survey.

Table 6 also compares calculated AE commercial and industrial customer electricity bills using the published tariff to the 2009 bill information published by the PUCT.

Table 6
AE Bill Comparison to PUCT
Monthly Average Commercial and Industrial Bills - 2009

	PUCT Survey			
	Austin Energy	CPS Energy	Entergy Texas	City of San Marcos
35 kW				
7,500 kWh	$876	$692	$691	$672
15,000 KWh	$1,285	$1,132	$1,195	$1,324
300 kW				
87,000 kWh	$7,878	NA	$6,921	$7,872
174,000 kWh	$12,275	NA	$11,815	$14,709
500 kW				
145,000 kWh	$13,131	NA	$11,510	$13,270
290,000 kWh	$20,459	NA	$19,425	$24,389
2,500 kW				
720,000 kWh	$65,401	NA	$57,112	$63,165
1,440,000 kWh	$101,790	NA	$99,141	$118,379

Source: AE Tariffs and Public Utilities Commission of Texas; Commercial Bill Comparisons for Non-Competitive Markets; http://www.puc.state.tx.us/electric/rates/NCrate/index.cfm. Represents the average of 12 months.
Note: AE electricity bills were calculated as follows; 35 kW bills were calculated at General Service Demand (EO6) rates at 7,500 and 15,000 kWh; 300 kW (calculated at 87,000 and 174,000 kWh), 500 kW (calculated at 145,000 and 290,000 kWh)and 2.5 MW (calculated at 720,000 and 1,440,000 kWh) bills were calculated using Primary Service (EO7) rate. Fuel adjustment factor = $0.03653/ kWh. Primary fuel adjustment factor =$0.03544/kWh.

Table 7 also compares calculated AE commercial and industrial customer electricity bills using the published tariff to the 2010 bill information published by the PUCT.

from the REPs and PUCT approved price to beat rates (through December 2006) using representative usage levels. The PUCT makes no recommendation with respect to any REP. Although we believe these prices are accurate, the PUCT makes no warranty that the prices in this table are currently being offered."

Table 7
AE Bill Comparison to PUCT
Monthly Average Commercial & Industrial Bills – January Through July 2010

	PUCT Survey			
	Austin Energy	CPS Energy	Entergy Texas	City of San Marcos
35 kW				
7,500 kWh	$872	$714	$634	$648
15,000 KWh	$1,281	$1,159	$1,077	$1,275
300 kW				
87,000 kWh	$7,857	NA	$6,317	$7,587
174,000 kWh	$12,254	NA	$10,224	$14,139
500 kW				
145,000 kWh	$13,095	NA	$10,504	$12,795
290,000 kWh	$20,424	NA	$16,768	$23,440
2,500 kW				
720,000 kWh	$65,225	NA	$50,714	$60,807
1,440,000 kWh	$101,613	NA	$103,219	$113,665

Source: AE Tariffs and Public Utilities Commission of Texas; Commercial Bill Comparisons for Non-Competitive Markets; http://www.puc.state.tx.us/electric/rates/NCrate/index.cfm. Represents the average of 12 months.
Note: AE electric bills were calculated as follows; 35 kW bills were calculated at General Service Demand (EO6) rates at 7,500 and 15,000 kWh; 300 kW (calculated at 87,000 and 174,000 kWh), 500 kW (calculated at 145,000 and 290,000 kWh)and 2.5 MW (calculated at 720,000 and 1,440,000 kWh) bills were calculated using Primary Service (EO7) rate. Fuel adjustment factor = $0.03653/ kWh. Primary fuel adjustment factor =$0.03544/kWh

Since AE applies a variety of tariffs to different types of commercial and industrial customers, differences between the R. W. Beck calculated price and the price reported by the PUCT may be due to R. W. Beck eam using a different rate schedule than the one reported by AE. For example, the R. W. Beck calculated price at 2.5 MW demand and 80 percent load factor relied on the General Service Demand rate (EO7). However, AE offers tariffs such as State General Service – Demand, Independent School District, Independent School District Time-of-Use, Co-incident Load Special Contract Rider tariffs that might also apply to a 2.5 MW load.

Electric Providers in Non-competitive Markets

For electric utility providers in non-competitive areas of Texas, published tariff rates were used to calculate a representative electricity bill for each of the 16 demand and load factor levels. This bill calculation included fixed charges such as a monthly service fee and all applicable variable costs, based on data availability.

Table 8 compares calculated AE commercial and industrial customer electricity bills to other electricity bills calculated using currently published public utility tariffs. Notes provided with Table 8 helps explain the particular tariff used to create electricity bills at each demand and load factor level. In instances where multiple rates might apply, the lowest resultant rate is shown in the table. For example, a Brownsville PUB customer with demand of 500 kW could be served by either the General Service Demand rate or the General Service Large Demand rate; representative electricity bills were calculated under both tariffs and the lowest resultant bill is displayed. Instances when multiple tariffs might apply are noted in the table.

As expected, electricity bills calculated using published tariffs from a selected group of electric cooperatives and municipal utilities exhibit considerable variability. Many factors come into consideration for these utilities in setting rates and tariffs. Factors include the service territory location within ERCOT, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, among others. The reader should also recognize that this comparison is a snapshot of one point in time or period of time and some utilities are in the process of changing tariffs which could ultimately change their comparative position within this group.

Table 8
Monthly Commercial & Industrial Bills at Selected Demand Levels & Load Factors – August 2010
Based on Published Tariffs

City (Service Territory)	Austin (AE)[1]		Brownsville (Brownsville Public Utilities Board)[2]		New Braunfels (NBU)[3]		San Marcos (City of San Marcos Utility Service)		San Antonio (CPS Energy)[4]		Elgin (Bluebonnet EC)[5]		Cedar Park (Pedernales EC)[6]		Beaumont (Entergy Texas)[7]	
Small Commercial - Total Monthly Bill (10 kW Demand)																
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
20% LF	153	127	161	161	132	117	134	134	148	142	170	170	169	169	179	179
60% LF	448	369	416	416	355	311	382	382	383	355	456	456	432	432	423	423
Small Commercial - Total Monthly Bill (35 kW Demand)[8]																
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
7,500 kWh	900	852	688	688	594	519	648	648	770	719	798	798	712	712	779	779
15,000 KWh	1,309	1,261	1,342	1,342	1,167	1,017	1,285	1,285	1,269	1,161	1,547	1,547	1,387	1,387	1,354	1,354
Medium Commercial - Total Monthly Bill (100 kW Demand)																
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
40% LF	2,995	2,857	1,760	1,760	2,253	1,961	2,574	2,574	2,688	2,473	2,903	2,903	2,756	2,756	2,747	2,747
80% LF	4,588	4,450	3,134	3,134	4,486	3,902	4,773	4,773	4,616	4,182	5,106	5,106	4,963	4,963	4,982	4,982
Medium Commercial - Total Monthly Bill (300 kW Demand)[8]																
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
87,000 kWh	8,027	7,730	4,989	4,989	7,356	6,486	7,587	7,587	7,984	7,336	8,413	8,413	7,924	7,924	8,113	8,113
174,000 kWh	12,424	12,127	9,083	9,083	12,948	11,208	14,139	14,139	13,727	12,427	14,977	14,977	14,497	14,497	13,965	13,965
Medium Commercial - Total Monthly Bill (500 kW Demand)[8]																
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
145,000 kWh	13,378	12,883	8,074	8,074	12,269	10,819	12,656	12,656	13,293	12,210	13,939	13,939	13,106	13,106	13,495	13,495
290,000 kWh	20,707	20,212	14,897	14,897	21,588	18,688	21,713	21,713	22,866	20,695	24,878	24,878	24,062	24,062	22,994	22,994
Large Commercial - Total Monthly Bill (2.5 MW Demand)[8]																
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
720,000 kWh	66,639	64,164	46,229	46,229	61,149	53,949	60,482	60,482	64,261	58,886	60,427	60,427	63,266	63,266	63,709	62,417
1,440,000 kWh	103,028	100,553	79,853	79,853	107,424	93,024	113,013	113,013	99,195	93,820	108,379	108,379	116,582	116,582	105,226	103,940
Small Industrial - Total Monthly Bill (5 MW Demand)																
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
40% LF	129,447	121,011	93,287	93,287	123,834	109,234	120,263	120,263	128,674	117,924	127,711	127,711	126,863	126,863	126,995	124,410

80% LF	196,193	185,023	161,469	161,469	217,668	188,468	225,326	225,326	200,097	189,347	218,947	218,947	235,976	235,976	212,367	209,796
Industrial - Total Monthly Bill (25 MW Demand)																
	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
40% LF	637,891	596,065	466,015	466,015	611,671	538,671	598,515	598,515	639,367	585,617	606,655	606,655	457,430	457,430	633,283	620,356
80% LF	1,062,947	914,131	806,925	806,925	1,080,842	934,842	1,123,831	1,123,831	996,483	942,733	1,092,835	1,092,835	888,860	888,860	1,060,144	1,047,290

Source: Published tariffs rates
http://www.austinenergy.com/About%20Us/Rates/Commercial/index.htm
http://www.bluebonnetelectric.coop/documents/RateScheduleforwebsite7.6.10.pdf
https://www.pec.coop/Documents/PEC_Tariff_0618.pdf
http://www.cpsenergy.com/Commercial/Billing_Payments/Rates/index.asp
http://www.entergy-texas.com/your_business/business_tariffs.aspx
http://www.brownsville-pub.com/commercial/elecrates.html
http://www.nbutexas.com/Portals/11/pdf/Electric%20Rates%203-09.pdf

Table Notes:
Prices in blue text represent the minimum bill in cases where multiple services are available in a demand class. For example AE's summer price for 10 kW service at a 60% load factor for a customer receiving "General Service Non-Demand" would have been $448, while the General Service Demand price would have been $379, as shown above.

[1] AE electricity bills were calculated as follows: 10 kW bills based on General Service Non-demand (EO2); 35 kW and 100 kW bills were calculated at General Service Demand (EO6) rates; 300 kW, 500 kW and 2.5 MW bills were calculated at Primary Service (EO7) rates; 5 MW bills were calculated based on Large Primary Service Special Contract Rider Time-Of-Use (LTC 2/3) and 25 MW bills were calculated based on Large Primary Service Special Contract Rider Time-Of-Use (LTC 2/3) and the Large Primary Service Special Contract - Industrial Rider Time-Of-Use (LTC 1). Fuel adjustment factor = $0.03653/ kWh. Primary fuel adjustment factor =$0.03544/kWh.

[2] BPUB electricity bills were calculated as follows: 10 kW and 35 kW based on General Service – Non-Demand rate; 100 kW and 300 kW based on General Service Demand rate; 500 kW based on both General Service Demand and General Service Large Demand rates; 500 kW, 2.5 MW and 25 MW based on General Service Large Demand rate. Fuel adjustment factor =$0.0422/kWh.

[3] NBU bills were calculated as follows: 10 kW, 35 kW, and 100 kW based on Small General Service rate; 300 kW, 500 kW 2.5 MW, 5 MW and 25 MW based on Large General Service rate. Fuel adjustment factor =$ $0.014268.

[4] CPS Energy electricity bills were calculated as follows: 10 kW, 35 kW, 100 kW, 300 kW, 500 kW based on General Service (PL) rate; 2.5 MW,5 MW and 25 MW based on Extra Large Power Service (ELP) rate assuming primary service. Fuel adjustment factor = $0.016024/ kWh.

[5] BEC electricity bills were calculated as follows: 10 kW and 35 kW based on Three-phase Commercial Service rate; 100 kW based on Large Power rate; 300 kW, 500 kW, 2.5 MW, 5 MW and 25 MW based on Key Account rate with "wholesale power cost" equal to $0.072674/ kWh.

[6] PEC electricity bills were calculated as follows: 10 kW and 35 kW based on the Small Power rate; 100 kW, 300 kW, 500 kW, 2.5 MW and 5 MW based on Large Power secondary level service rate; 25 MW based on Industrial Power rate. Fuel adjustment factor = ($0.007)/ kWh.

[7] Entergy Texas electricity bills were calculated as follows: 10 kW based on Small General Service and General Service rate; 35 kW and 100 kW based on General Service rate; 300 kW and 500 kW based on both General Service and Large General Service rates; and 2.5 MW and 5 MW based on both Large General Service and Large Industrial Power Service rates; and 25 MW based on Large Industrial Power Service rate. Fuel adjustment factor = $0.0547115 / kWh.

[8] Pricing at four demand levels (35 kW, 300 kW, 500 kW, and 2.5 MW) was calculated at the following kWh's rather than at specific load factors to match data provided to the PUCT: 35 kW at 7,500 kWh and 15,000 kWh; 300 kW at 87,000 kWh and 174,000 kWh; 500 kW at 145,000 kWh and 290,000 kWh; 2.5 MW at 720,000 kWh and 1,440,000 kWh.

Conclusions

Data Assumptions and Limitations

R. W. Beck's mission for this study was to compare AE customer electricity bills with customer electricity bills in selected cities across the state. Major challenges exist in comparing electricity bills in different regions. In the competitive areas of Texas, energy service is provided by competitive firms via private contracts between the supplier and the customer. The terms of these contracts are typically confidential. For this reason, it is extremely difficult to collect actual bills and contract provisions for the competitive areas of the State. There is no available collected data set or survey that can be used to compare electricity bills. Since each individual customer may be served under unique terms, knowing the terms and prices of a few customers may not be representative of actual energy prices in the broader market. Therefore, R. W. Beck used several different approaches to estimate representative electricity bills across the state.

In the regulated portions of the state—those served by municipal utilities like AE, by cooperative utilities, and the non-ERCOT portions of the State—utility rates are based on tariffs adopted by regulating authorities, for example city councils. These tariffs include all the costs of providing electric service. However, many factors come into play for these utilities in setting rates and tariffs. These factors include the service territory location within ERCOT, the type and characteristics of the mix of customers in the territory, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, and others. The reader should also recognize this comparison is a snapshot of a point in time or period of time and some utilities are in the process of changing tariffs which could change their comparative position within this group. For example, Centerpoint is currently before the PUC for a tariff change[9].

It was also necessary to establish early in the study what customer classifications were to be used for bill comparisons. R. W. Beck has chosen to classify customers using 16 load/size factor combinations. This classification protocol was developed by AE and R. W. Beck to provide a diverse and representative sample of AE's different customer types. The variety of customer load sizes range from as small as a 10 kW commercial load to an extremely large 25 MW customer. Prices for two different load factors for each load level were also estimated. These different load factors are important because the load factor differentiates one dimension in the costs of providing service to a customer—whether the customer has predictable, steady load level, or whether the customer has a highly variable load level and is therefore more expensive to serve. Though we report comparative results for each of these 16 combinations of load and load factor, R. W. Beck cannot emphasize enough that the particular characteristics of each customer will dictate what type of service contract is appropriate for a customer.

R. W. Beck also calculated monthly representative electricity bills for AE's commercial and industrial customer bills. The R. W. Beck team used AE rates schedules specified by AE to

[9] See PUCT Docket No. 38339

calculate the representative monthly bills at numerous demand and load factors and our calculations validate AE's prices reported to the PUCT.

Comparison Methodologies Used

Two methods were used to estimate electricity bills in competitive areas of the state;

1. Heat Rate Method
2. Market Clearing Price of Energy ("MCPE") Method

AE's calculated electricity bills based on published tariffs were compared with results from electricity bills estimated using both methods.

Heat Rate factors were estimated for the 16 customer size and usage levels using the R. W. Beck team's historic knowledge of market pricing for customers in the various competitive zonal sub-markets in ERCOT. For this analysis the range of heat rate factors used varied between a low of 9.4 to a high of 12.0. It is important to remember that these heat rate factors are for retail energy delivered to the distribution utility and include all potential energy charges including ancillary services, losses, ERCOT fees, load following costs, and all REP charges. The assumed heat rate was multiplied by the average natural gas futures prices for 2009 delivery to determine a cost of energy. When appropriate, zonal energy price differentials were also accounted for using annual average historic differences in MCPE zonal energy prices. Once the energy rates were estimated, TDSP charges were calculated for the assumed demand and energy usage of the customer and these costs were added to the calculated energy charges to achieve an estimated total bill.

For the MCPE method, R. W. Beck used historic MCPE data obtained from ERCOT to compute average daily on-peak and off-peak prices. Average daily pricing was then used to calculate average monthly energy pricing. Sometimes an additional adder is applied by the retail electricity provider to the market price. In this analysis we included a $0.012 per kWh adder to the reported market price. Once the energy rates were estimated, TDSP charges at the assumed demand and load factor were added to the calculated energy charges to achieve an estimated total monthly bill. Finally, a yearly average bill was calculated at both on-peak and off-peak pricing levels.

In regulated areas, one comparison method was used. AE's calculated electricity bills based on published tariffs were compared across the 16 demand and load factor levels with electricity bills calculated for seven electric utility providers in non-competitive areas of Texas. Published tariff rates for these utilities were used to calculate a representative bill for each of the 16 demand and load factor levels. This bill calculation included fixed charges such as a monthly service fee and all applicable variable costs, based on data availability.

R. W. Beck also presented comparisons between AE tariff-calculated electricity bills with information published by the Electric Division of the PUCT. This information provides a commercial monthly electric bill comparison based on data collected from various utilities in markets within Texas that are not yet open to competition. The data are limited to utilities who participate in the survey and computations are provided by each participating utility; hence this analysis was limited to available data. Each utility calculates a typical customer's bill for a total of eight demand/load factor usage levels based on their internal rate tariff.

This study also presents DOE-EIA based data. This DOE-EIA cannot be used to estimate electricity bills for specific customer classifications of load and load factor. This data is self-reported by utilities at an aggregated level, so only provider-by-provider averages can be used, and even those comparisons should be conducted carefully.

AE Comparative Results

Table 9 provides an overview of AE estimated electricity bills compared to the average of electricity bills estimated for other city/metropolitan areas included in our analysis using the Heat Rate and Published Tariffs Methodologies. Table 9 does not include MCPE results because this method exhibits considerable volatility in price and higher levels of risk for the customer. Therefore, the MCPE method does not compare well with AE's approach to pricing electricity. The information provided in the report related to DOE-EIA rate comparisons and the PUCT bill comparison survey was not included because the data provided by the utilities is self-reported and cannot be validated.

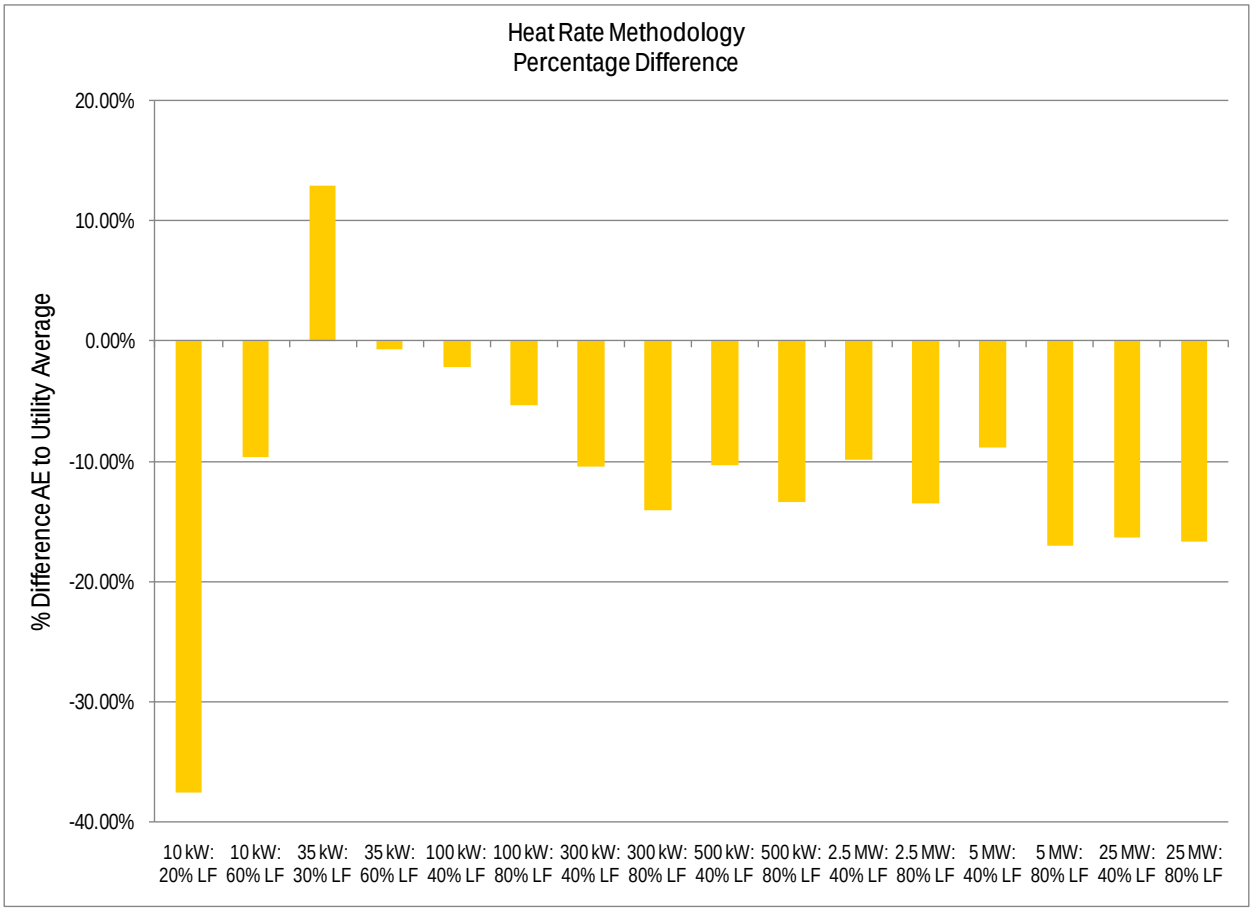
Table 9
AE Bills and Utility Monthly Electricity Bill Averages Summary Comparison

	Heat Rate Methodology – 2009			Published Tariffs Methodology – Through July 2010		
	Austin Energy (per Tariff)	Utility Average	Percentage Difference	Austin Energy Summer	Utility Average	Percentage Difference
10 kW						
20% Load Factor	$140	$193	-37.50%	$153	$156	-2.05%
60% Load Factor	409	449	-9.66	448	407	9.22
35 kW*						
7,500 kWh	876	763	12.93	900	713	20.81
15,000 kWh	1,285	1294	-0.68	1,309	1,357	-2.05
100 kW						
40% Load Factor	2,926	2,990	-2.17	2,995	2,526	15.66
80% Load Factor	4,519	4,760	-5.33	4,588	4,580	0.17
300 kW*						
87,000 kWh	7,878	8,669	-10.42	8,027	7,481	6.80
174,000 kWh	12,275	14,007	-14.11	12,424	13,334	-7.32
500 kW*						
145,000 kWh	13,131	14,494	-10.38	13,378	12,405	7.28
290,000 kWh	20,459	23,208	-13.44	20,707	21,857	-5.55
2.50 MW*						
720,000 kWh	65,401	71,837	-9.84	66,639	59,932	10.06
1,440,000 kWh	101,790	115,485	-13.45	103,028	104,239	-1.18
5 MW						
40% Load Factor	125,229	136,242	-8.79	129,447	121,090	6.46
80% Load Factor	190,608	223,154	-17.07	196,193	210,264	-7.17
25 MW						
40% Load Factor	616,978	717,954	-16.33	637,891	573,277	10.13
80% Load Factor	988,539	1,153,502	-16.69	1,062,947	1,007,131	5.25

*Pricing at four demand levels (35 kW, 300 kW, 500 kW, and 2.5 MW) was calculated at the following kWh's rather than at specific load factors to match data provided to the PUCT: 35 kW at 7,500 kWh and 15,000 kWh; 300 kW at 87,000 kWh and 174,000 kWh; 500 kW at 145,000 kWh and 290,000 kWh; 2.5 MW at 720,000 kWh and 1,440,000 kWh.

As illustrated in Figure 7, AE's estimated electricity bills compared to bills estimated using the Heat Rate Methodology tend to be lower than the estimated average electricity bills for other city/metropolitan areas at different size and load factors. The only exception where AE is higher than then utility average is at 35kW with a 30 percent load factor.

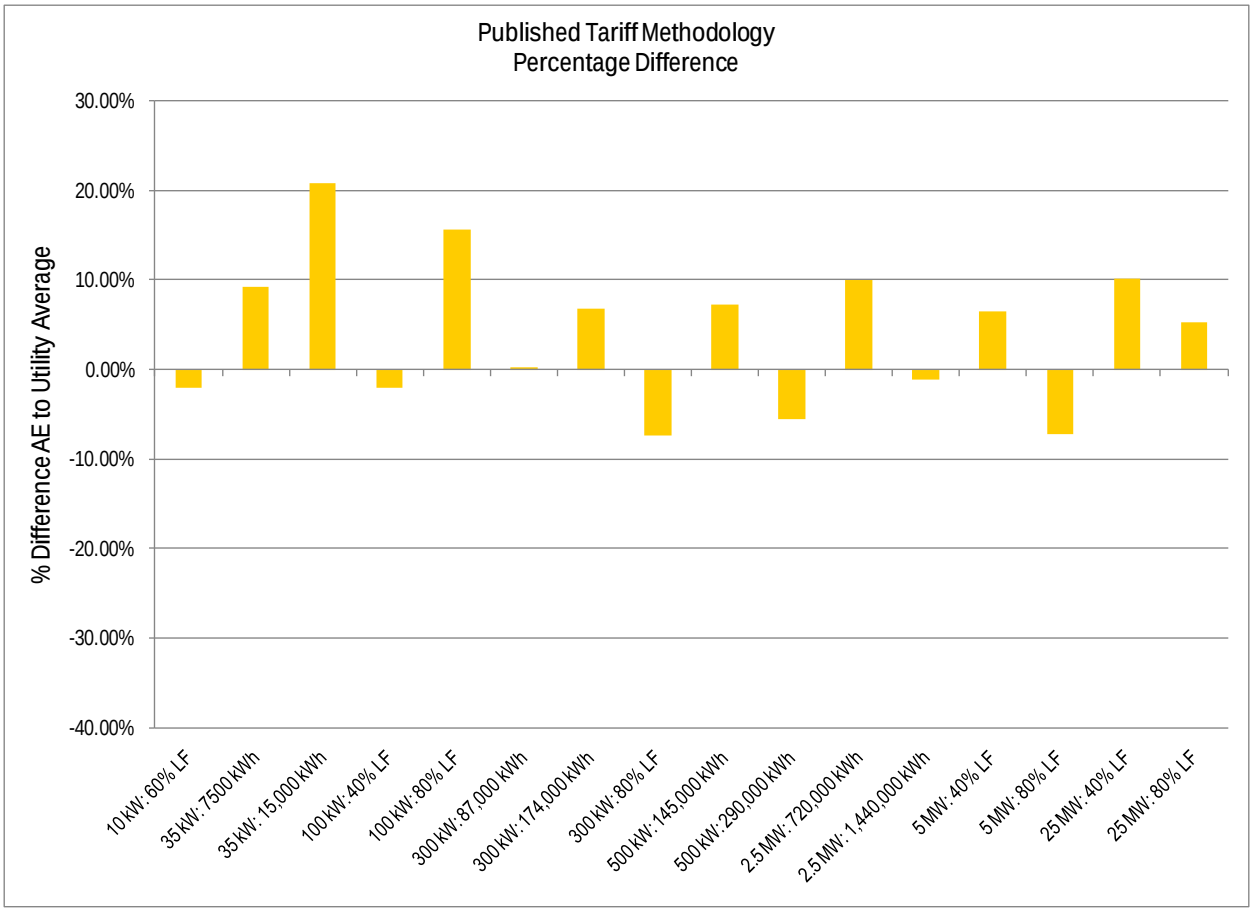
Figure 7:
AE Bills and Utility Monthly Electricity Bill Averages Summary Comparison
Heat Rate Bill Methodology – 2009



Source: Table 3 of this Report

AE's estimated electricity bills compared to bills estimated using published tariff information tend to be higher at certain size and load factors. AE's estimated bills are lower at 10 kW - 20 percent load factor, 35 kW – 15,000 kWh, 300 kW- 174,000 kWh, 500 kW – 290,000 kWh, 2.5 MW – 1,440,000 kWh, and 5 MW at an 80 percent load factor, as illustrated in Figure 8.

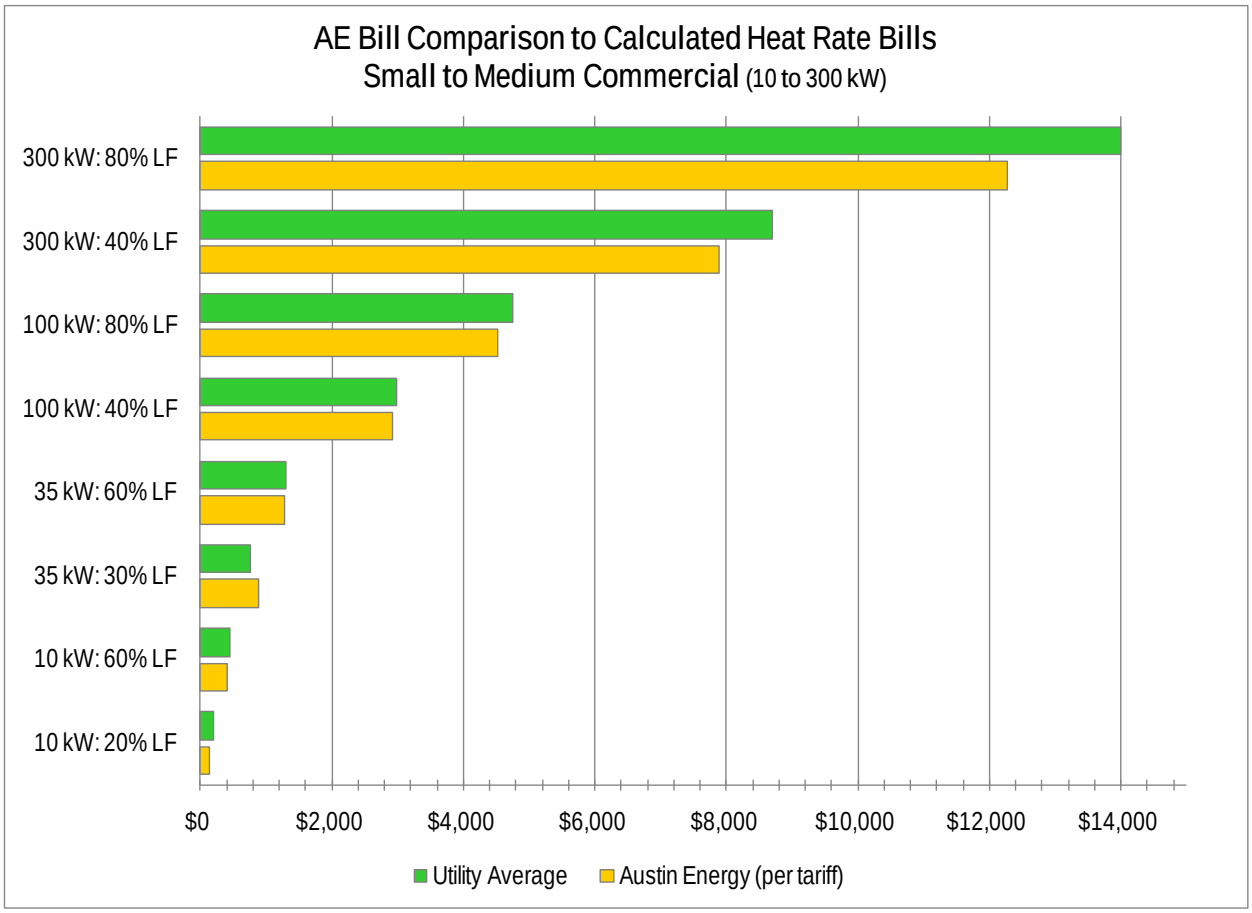
Figure 8:
AE Bills and Utility Monthly Electricity Bill Averages Summary Comparison
Published Tariff Methodology – Through July 2010



Source: Table 8 of this Report

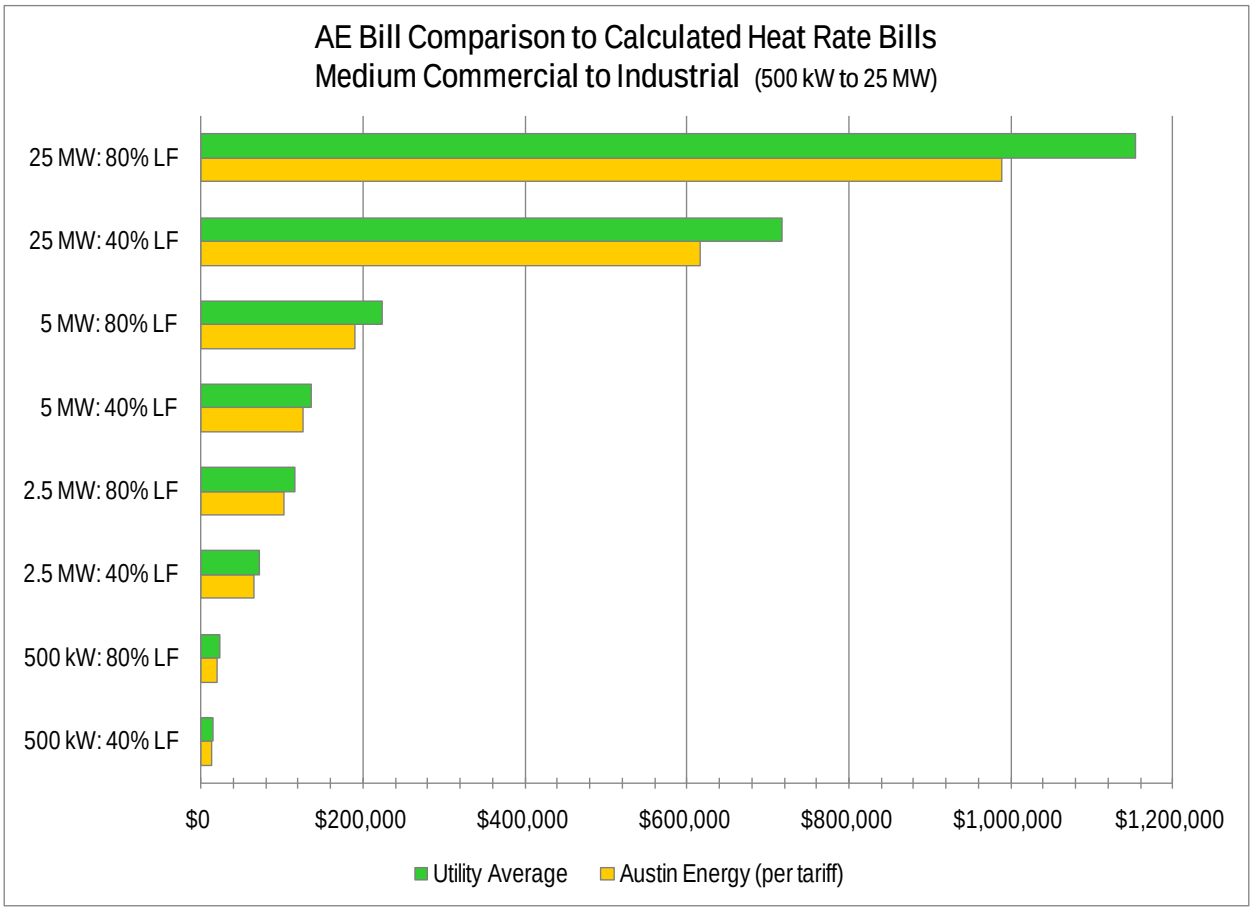
Figures 9 and 10 show that AE electricity bills calculated from published tariffs compare favorably with the simple average of representative electricity bills for utilities in competitive areas of the state calculated using the Heat Rate method. The estimates indicate that AE's electricity bills are most competitive for the larger customers. AE's electricity bills also appear to be more competitive for customers with higher load factors than the comparably sized customers at lower load factors. This could be the result of a policy or organizational objective to create incentives that reward customers with higher load factors. The Heat Rate method compares electricity bills in AE's territory for each of the 16 load level classifications with the average estimated bill for 2009 in the four TDSP markets in Texas.

Figure 9:
Heat Rate Bill Comparison - Small to Medium Commercial - 2009



Source: Table 3 of this Report

Figure 10:
Heat Rate Bill Comparison - Medium Commercial to Industrial - 2009

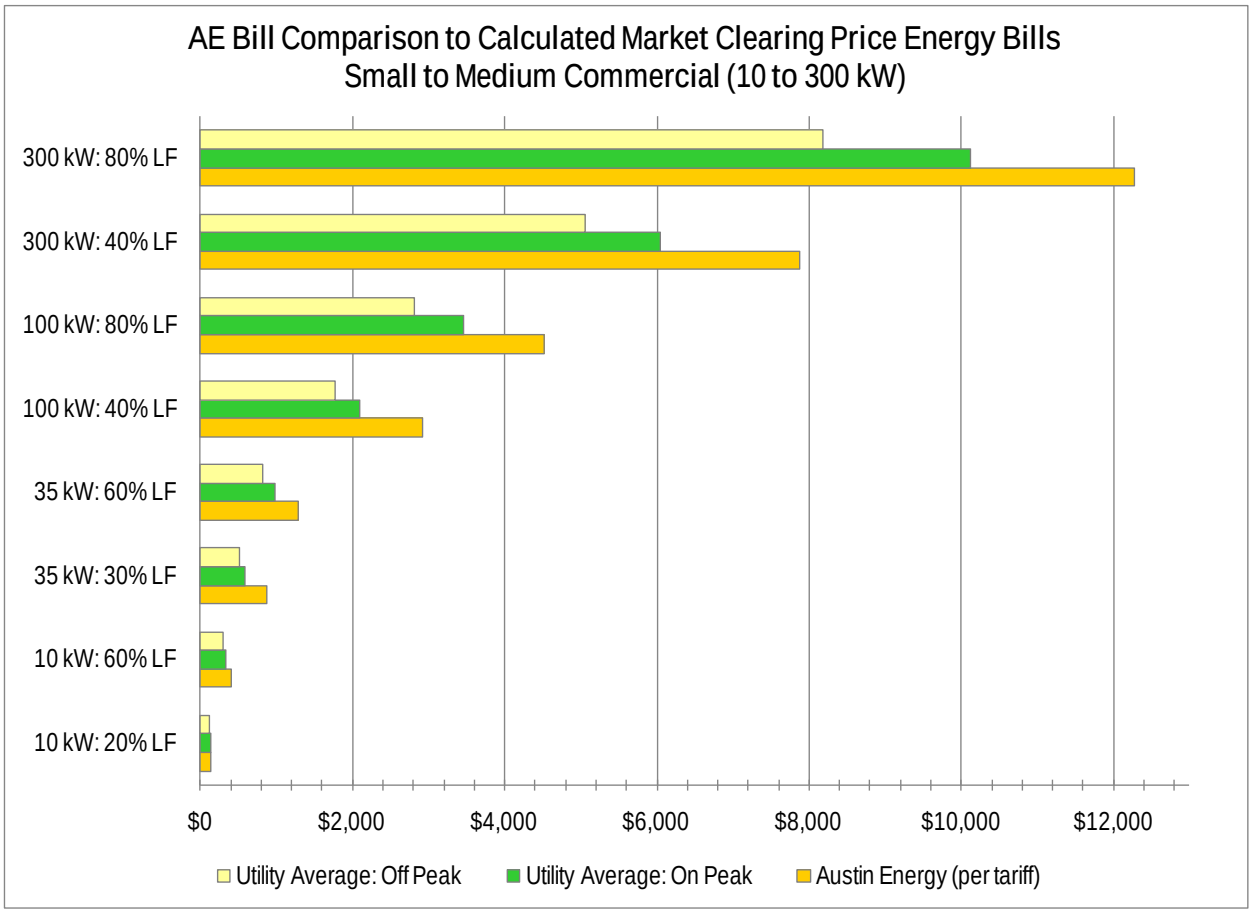


Source: Table 3 of this Report

As expected, electricity bills calculated using published tariffs from a selected group of electric cooperatives and municipal utilities exhibit considerable variability. Many factors come into consideration for these utilities in setting rates and tariffs. Factors include the service territory location within ERCOT, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, among others. The reader should also recognize that this comparison is a snapshot of one point in time or period of time and some utilities are in the process of changing tariffs which could ultimately change their comparative position within this group.

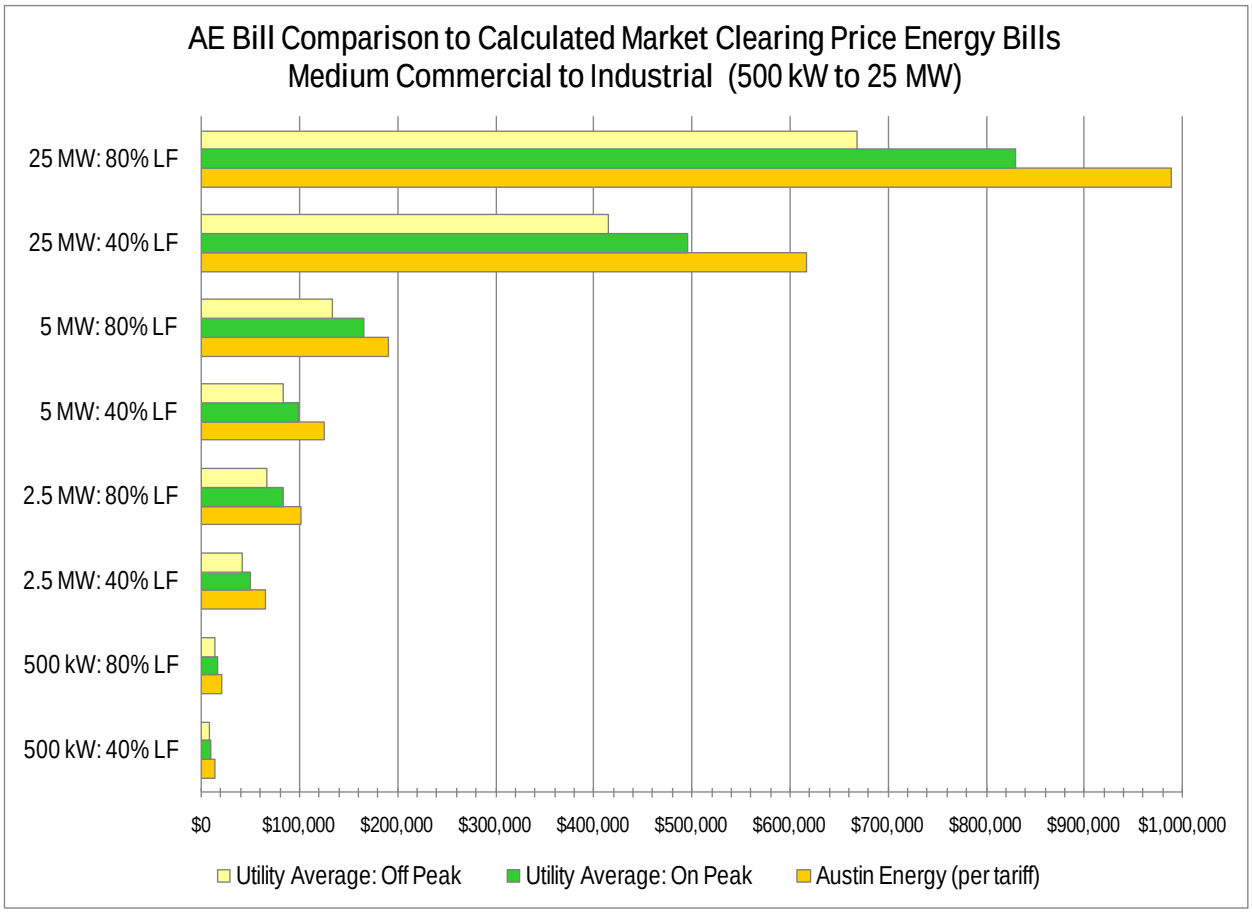
The MCPE method compares the calculated average monthly price at selected demand levels and load factors based on actual market clearing prices for 2009, which are illustrated in Figures 11 and 12.

Figure 11:
MCPE Bill Comparison – Small to Medium Commercial - 2009



Source: Table 5 of this Report

Figure 12:
MCPE Bill Comparison - Medium Commercial to Industrial - 2009



Source: Table 5 of this Report

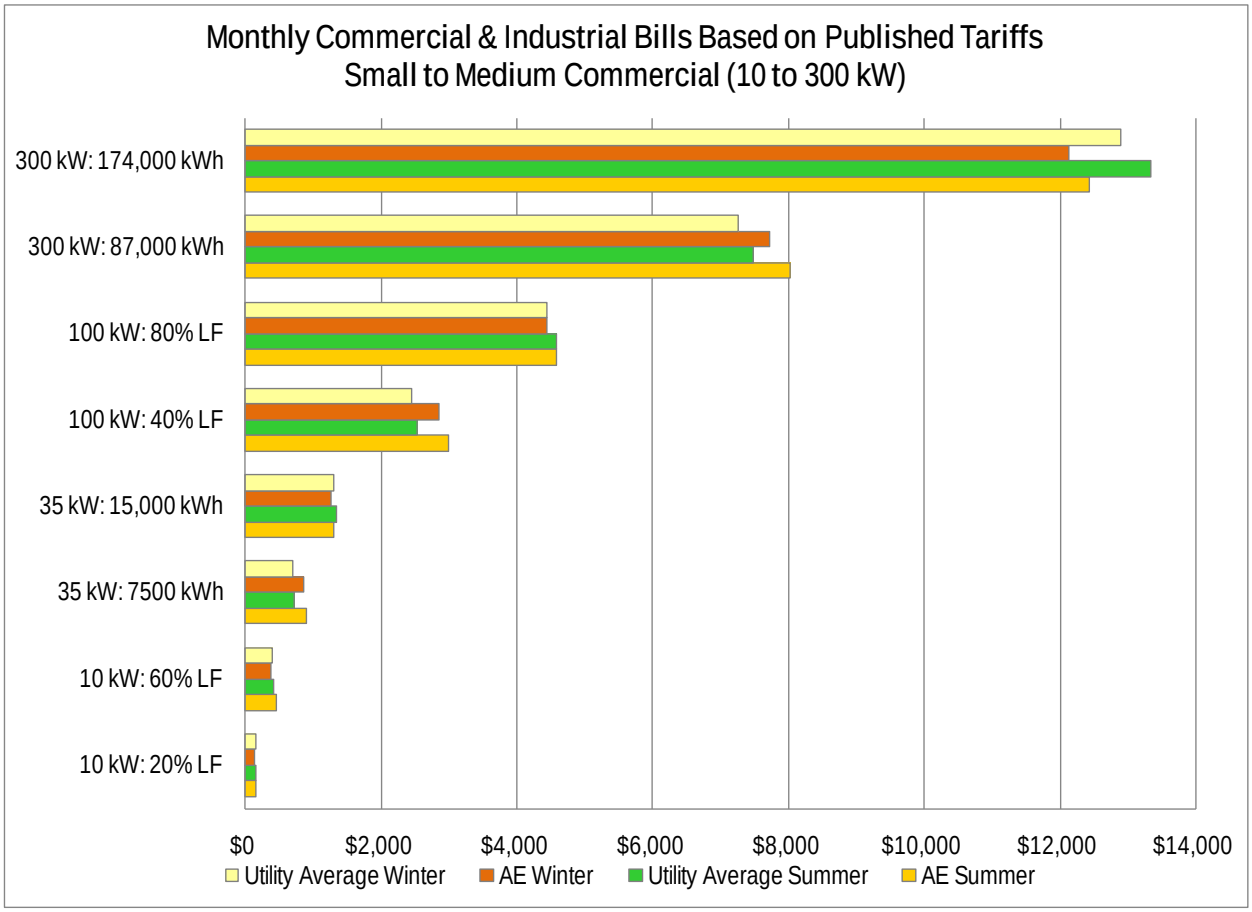
Figures 11 and 12 show that AE electricity bills calculated from published tariffs are generally higher than the average of representative electricity bills for utilities in competitive areas of the state calculated using the MCPE method. This is to be expected. The MCPE method produces a lower calculated electricity bill than the average of representative electricity bills for utilities in competitive areas of the state calculated using the Heat Rate method. Indeed, with few exceptions the MCPE method will also produce a lower electricity bill than representative electricity bills for utilities in regulated areas based on published tariffs. AE tariffs, like Heat Rate-type electricity supply contracts, are fixed price and exhibit a much lower volatility and energy price risk than MCPE-type contracts. The MCPE method introduces considerable volatility in price and higher levels of risk for the customer.

As expected, electricity bills calculated using published tariffs from a selected group of electric cooperatives and municipal utilities exhibit considerable variability. Many factors come into consideration for these utilities in setting rates and tariffs. Factors include the service territory location within ERCOT, the strategic aspirations of the utility owners, power supply characteristics including fuel mix and age of assets, among others. The reader should also

recognize that this comparison is a snapshot of one point in time or period of time and some utilities are in the process of changing tariffs which could ultimately change their comparative position within this group.

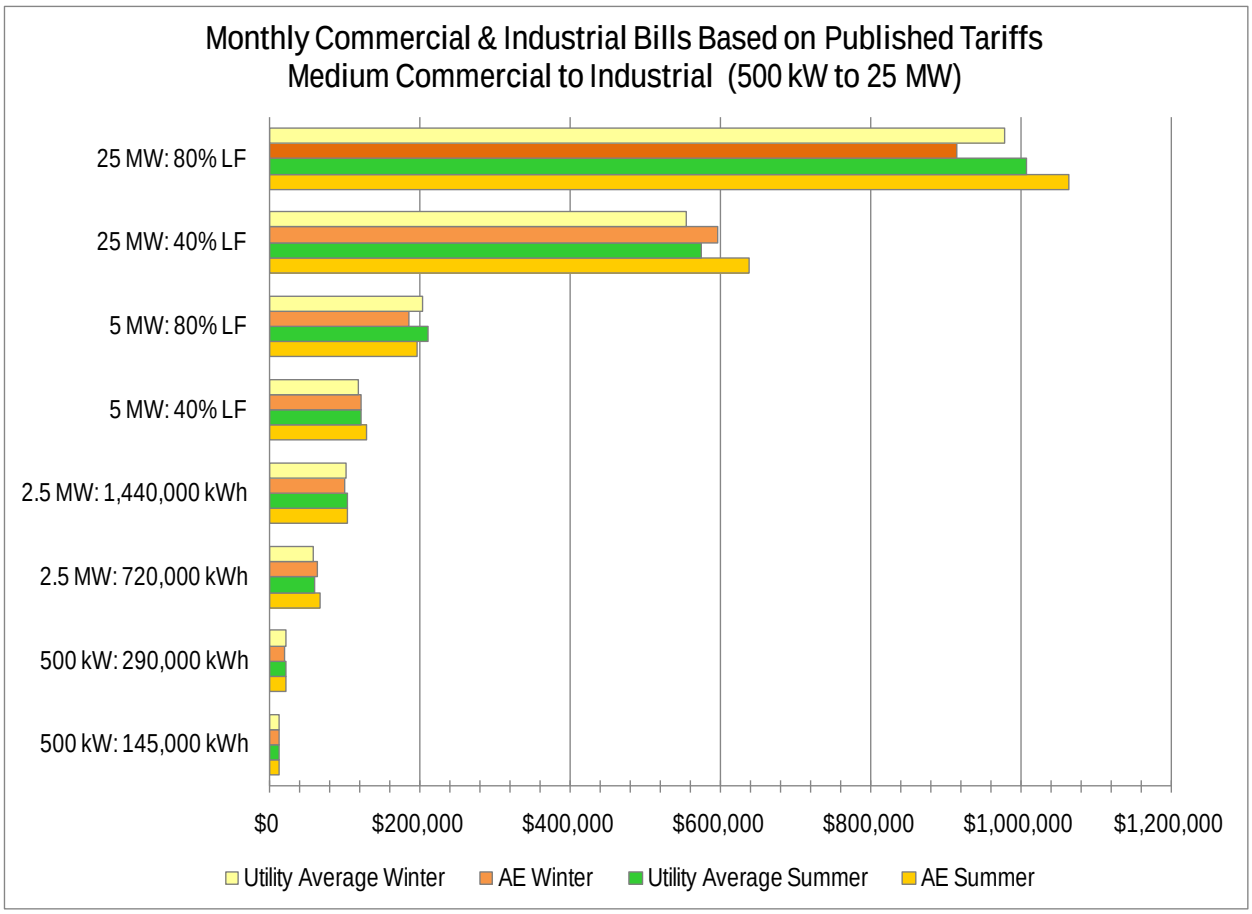
The published tariffs electricity bill comparison compares calculated AE electricity bills to other electricity bills using published public utility tariff information through July 2010, as illustrated in Figures 13 and 14.

Figure 13:
Published Tariffs Bill Comparison – Small to Medium Commercial – Through July 2010



Source: Table 8 of this Report

Figure 14:
Published Tariffs Bill Comparison –Medium Commercial to Industrial –
Through July 2010



Source: Table 8 of this Report

The analysis contained within this study demonstrates that electricity bills calculated using AE's published tariffs compare favorably with electricity bills estimated or calculated for other competitive and regulated areas of the state. This statement applies to pricing arrangements that are similar to AE's electricity pricing terms. That is, pricing arrangements that can be categorized as "low risk, fixed term." Lower pricing arrangements are available in the Texas market, but such arrangements will be higher risk, variable-term arrangements. As such, those arrangements are not similar to AE's tariff-based pricing.

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Glossary[10]

Bilateral Contracts: In a bilateral market, contracts between power generating companies and load serving entities.

Commercial Customer: Include businesses such as retail stores, restaurants and educational institutions with a peak demand of 50 kW or more during any twelve month period. Small commercial customers may include businesses whose peak electric demand during any twelve month period is less than 50 kW.

Congestion: The situation that exists when requests for power transfers across a Transmission Facility element or set of elements, when netted, exceed the transfer capability of such elements.

Congestion Zone: An area of the transmission network that is bound by commercially significant transmission constraints or otherwise identified as a zone that is subject to transmission constraints, as defined by an independent organization.

Day Ahead: The 24-hour period before the start of the Operating Day.

Demand: The rate at which electric energy is delivered to or by a system at a given instant, or averaged over a designated period, usually expressed in kilowatt ("kW") or megawatt ("MW").

Department of Energy ("DOE"): A US federal agency established in 1977 which brings all major energy-related federal agencies under a single umbrella.

Electric Cooperative: (a) a corporation organized under the Texas Utilities Code, Chapter 161 or a predecessor statute to Chapter 161 and operating under that Chapter; (b) a corporation organized as an electric cooperative in a state other than Texas that has obtained a certificate or authority to conduct affairs in the State of Texas; or (c) a successor to an electric cooperative created before June 1, 1999, in accordance with a conversion plan approved by a vote of th members of the electric cooperative, regardless of whether the successor later purchases, acquires, merges with or consolidates with other electric cooperatives.

Electric Reliability Council of Texas ("ERCOT"): Refers to the independent organization and, in a geographic sense, refers to the area served by electric utilities, municipally-owned utilities, and electric cooperatives that are not synchronously interconnected with electric utilities outside the state of Texas.

[10] Chapter 25. Substantive Rules Applicable to Electric Service Providers. Subchapter A. General Provisions. §25.5 Definitions. www.puc.state.tx.us
ERCOT online glossary: www.ercot.com/glossary
Window of State Government, online Energy Glossary: www.window.state.tx.us/specialrpt/energy/glossary
Energy Vortex Online Dictionary: www.energyvortex.com/energydictionary

Electric Utility: A person or river authority that owns or operates for compensation in this state equipment or facilities to produce, generate, transmit, distribute, sell, or furnish electricity in this state.

Energy Information and Administration ("EIA"): A US federal agency whose primary responsibility is management of statistics relating to energy production, use and consequences.

Generation: Assets, activities and processes necessary and related to the production of electricity.

Grid: A system of interconnected generating facilities, transmission corridors and power lines that provide energy to a group of customers.

Heat Rate: A measurement used in the energy industry to calculate how efficiently a generator uses heat energy.

Industrial Customer: Include factories or manufacturing plants and typically have the highest demand for electricity.

Kilowatt ("kW"): A measure of electrical power equal to 1,000 watts.

Kilowatt hour ("kWh"): A quantitative measure of electric current flow equivalent to one thousand watts being used continuously for a period on one hour; the unit most commonly used to measure electrical energy, as opposed to kilowatt, which is simply a measure of available power.

Line Losses: Difference between energy input into the Transmission Grid and the energy taken out of the Transmission Grid.

Load: a) the amount of energy used per hour or kilowatt-hour or, b) the level of electricity demanded or kilowatt.

Load Factor: A measure of the average load, in kilowatts, supplied during a given period. It is used to determine the total amount of energy that would have been used if a given customer's maximum load was sustained over an extended period of time. This value offers a useful comparison to show what percentage of a customer's potential usage is actually used.

Load Serving Entities ("LSEs"): An Entity that sells energy to Customers or Wholesale Customers and that has registered as an LSE with ERCOT. LSEs include Competitive Retailers (which includes REPs) and NOIEs that serve Load.

Load Size: a) the amount of energy used per hour or kilowatt-hour ("kWh"); or, b) the level of electricity demanded or kilowatt ("kW").

Market Clearing Price for Energy: The highest price associated with a Congestion Zone for a Settlement Interval for Balancing Energy deployed during the Settlement Interval.

Municipally-owned Utility: Any utility owned, operated, and controlled by a municipality of by a nonprofit corporation whose directors are appointed by one or more municipalities.

Megawatt ("MW"): The electrical unit of power that equals 1 million Watts (1,000 kW).

Nodal Market: In the nodal market design, the electric grid will consist of more than 4,000 nodes, replacing the Congestion Management Zones that exist under the Zonal Market. The Texas nodal market is expected to deliver benefits such as improved price signals, improved dispatch efficiencies, and direct assignment of local congestion.

Not-Opt In Entity ("NOIE"): An electric cooperative or municipally-owned utility that does not offer customer choice.

Off-Peak Hours: All hours that are not on-peak, which end in 0700 to 2200 CPT from Monday through Friday excluding NERC holidays.

On-Peak: Hours ending in 0700 to 2200 CPT from Monday through Friday excluding NERC holidays.

Peak Load or Peak Demand: Highest need of the system.

Public Utility Commission of Texas ("PUCT"): Formed in 1975 by the Legislature as a rate regulatory body, PUC now, since deregulation, oversees electric and telecommunications companies to ensure Texas consumers have access to competitive utility services. The PUC oversees competition in the wholesale and retail electricity and telecommunications markets, and regulates rates and services of non-competitive electric utilities and local exchange companies.

Qualifying Scheduling Entity ("QSE"): A market participant that is qualified by ERCOT to submit balanced schedules and ancillary services bids and settle payments with ERCOT.

Rate: A compensation, tariff, charge, fare, toll, rental or classification that is directly or indirectly demanded, charged or collected by an electric utility for a service, product, or commodity.

Residential Customer: Include private households that utilize energy for such needs as heating, cooling, cooking, lighting and small appliances.

Retail Electric Provider ("REP"): A person that sells electric energy to retail customers in this state.

Tariff: The schedule of a utility, municipally-owned utility or electric cooperative containing all rates and charges stated separately by type of service, the rules and regulations of the utility, and any contracts that affect rates, charges terms or conditions of service.

Transmission and/or Distribution Service Provider ("TDSP"): An Entity that is a TSP, a DSP or both, or an Entity that has been selected to own and operate Transmission Facilities and has a PUCT approved code of conduct.

Transmission Service: Service that allows a transmission service customer to use the transmission and distribution facilities of electric utilities, electric cooperatives and the municipally owned utilities to efficiently and economically utilize generation resources to reliably serve its load and to deliver power to another transmission service customers.

Zonal Market: In the zonal market, the electric grid is divided into Congestion Management Zones, which are defined by Commercially Significant Constraints. Several limitations have been identified with the zonal market such as: insufficient price transparency, resources are grouped by portfolio, and the indirect assignment of local congestion.

EXHIBIT 1

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Exhibit 1
Range of Hourly MCPE Prices Used for MCPE Price Calculations
Source: ERCOT

Average Monthly Price used for analysis, based on hourly data for 2009 and 2010

					Price				On Peak Price				OFF PeakPrice			
	Date	Month	Day	Hour Ending	NORTH	SOUTH	WEST	HOUSTON	NORTH	SOUTH	WEST	HOUSTON	NORTH	SOUTH	WEST	HOUSTON
					Oncor-Dallas	AEP Central	AEP North	Center Point - HOUSTON	Oncor-Dallas	AEP Central	AEP North	Center Point - HOUSTON	Oncor-Dallas	AEP Central	AEP North	Center Point - HOUSTON
		Jan	2009		$ 30.78	$ 32.31	$ 23.23	$ 31.54	$ 32.28	$ 35.10	$ 27.78	$ 33.76	$ 27.79	$ 26.72	$ 14.12	$ 27.09
		Feb	2009		$ 26.86	$ 26.28	$ 19.66	$ 26.48	$ 29.22	$ 28.57	$ 21.06	$ 28.79	$ 22.14	$ 21.72	$ 16.87	$ 21.86
		Mar	2009		$ 29.82	$ 25.58	$ 24.01	$ 28.25	$ 33.42	$ 25.27	$ 28.54	$ 28.73	$ 22.62	$ 26.20	$ 14.96	$ 27.27
		Apr	2009		$ 24.10	$ 23.45	$ 12.91	$ 23.90	$ 25.71	$ 25.10	$ 15.17	$ 25.53	$ 20.88	$ 20.14	$ 8.39	$ 20.63
		May	2009		$ 30.61	$ 30.58	$ 23.45	$ 30.63	$ 32.29	$ 32.52	$ 27.23	$ 32.47	$ 27.24	$ 26.71	$ 15.91	$ 26.93
		Jun	2009		$ 31.69	$ 66.89	$ 30.57	$ 51.28	$ 36.02	$ 88.41	$ 35.46	$ 65.18	$ 23.03	$ 23.86	$ 20.80	$ 23.48
		Jul	2009		$ 32.92	$ 32.99	$ 31.90	$ 33.07	$ 37.79	$ 37.93	$ 37.51	$ 38.00	$ 23.19	$ 23.09	$ 20.67	$ 23.23
		Aug	2009		$ 29.90	$ 30.16	$ 28.07	$ 30.44	$ 34.05	$ 34.01	$ 33.24	$ 34.05	$ 21.61	$ 22.46	$ 17.75	$ 23.23
		Sep	2009		$ 25.11	$ 28.32	$ 23.28	$ 28.66	$ 28.49	$ 31.37	$ 26.84	$ 32.68	$ 18.34	$ 22.21	$ 16.14	$ 20.61
		Oct	2009		$ 28.74	$ 29.24	$ 27.06	$ 29.55	$ 32.53	$ 33.32	$ 30.71	$ 33.74	$ 21.17	$ 21.08	$ 19.78	$ 21.16
		Nov	2009		$ 26.59	$ 26.68	$ 26.58	$ 26.65	$ 29.85	$ 29.98	$ 29.86	$ 29.94	$ 20.08	$ 20.08	$ 20.02	$ 20.08
		Dec	2009		$ 39.54	$ 38.97	$ 37.69	$ 39.20	$ 41.90	$ 41.29	$ 39.69	$ 41.53	$ 34.80	$ 34.32	$ 33.68	$ 34.54
		Jan	2010		$ 40.82	$ 41.47	$ 37.86	$ 41.24	$ 43.25	$ 44.28	$ 40.95	$ 43.84	$ 35.97	$ 35.84	$ 31.67	$ 36.03
		Feb	2010		$ 45.19	$ 44.93	$ 39.05	$ 45.06	$ 48.21	$ 47.97	$ 41.85	$ 48.09	$ 39.17	$ 38.84	$ 33.45	$ 39.01
		Mar	2010		$ 32.18	$ 31.72	$ 22.08	$ 31.96	$ 34.82	$ 34.41	$ 26.71	$ 34.62	$ 26.92	$ 26.33	$ 12.82	$ 26.64
		Apr	2010		$ 31.96	$ 31.56	$ 24.11	$ 31.77	$ 34.95	$ 34.60	$ 28.15	$ 34.79	$ 25.97	$ 25.46	$ 16.04	$ 25.74
		May	2010		$ 32.80	$ 32.92	$ 29.13	$ 33.15	$ 37.38	$ 37.48	$ 33.78	$ 37.69	$ 23.62	$ 23.81	$ 19.85	$ 24.06

Exhibit 1
Range of Hourly MCPE Prices Used for MCPE Price Calculations
Source: ERCOT

Example showing hourly prices for first two days of January, 2009

				Price				On Peak Price				OFF PeakPrice			
Date	Month	Day	Hour Ending	NORTH	SOUTH	WEST	HOUSTON	NORTH	SOUTH	WEST	HOUSTON	NORTH	SOUTH	WEST	HOUSTON
				Oncor-Dallas	AEP Central	AEP North	Center Point - HOUSTON	Oncor-Dallas	AEP Central	AEP North	Center Point - HOUSTON	Oncor-Dallas	AEP Central	AEP North	Center Point - HOUSTON
1/1/2009	1	1	1	$ 32.72	$ 31.66	$ 19.76	$ 32.02					$ 32.72	$ 31.66	$ 19.76	$ 32.02
1/1/2009	1	1	2	$ 51.31	$ 44.50	$ (32.15)	$ 46.83					$ 51.31	$ 44.50	$ (32.15)	$ 46.83
1/1/2009	1	1	3	$ 36.99	$ 31.21	$ (33.92)	$ 33.19					$ 36.99	$ 31.21	$ (33.92)	$ 33.19
1/1/2009	1	1	4	$ 27.28	$ 22.25	$ (34.30)	$ 23.97					$ 27.28	$ 22.25	$ (34.30)	$ 23.97
1/1/2009	1	1	5	$ 25.63	$ 20.89	$ (32.47)	$ 22.51					$ 25.63	$ 20.89	$ (32.47)	$ 22.51
1/1/2009	1	1	6	$ 32.76	$ 27.35	$ (33.57)	$ 29.21					$ 32.76	$ 27.35	$ (33.57)	$ 29.21
1/1/2009	1	1	7	$ 27.84	$ 22.82	$ (33.72)	$ 24.54	$ 27.84	$ 22.82	$ (33.72)	$ 24.54				
1/1/2009	1	1	8	$ 26.83	$ 22.16	$ (30.43)	$ 23.76	$ 26.83	$ 22.16	$ (30.43)	$ 23.76				
1/1/2009	1	1	9	$ 23.62	$ 19.44	$ (27.64)	$ 20.87	$ 23.62	$ 19.44	$ (27.64)	$ 20.87				
1/1/2009	1	1	10	$ 27.17	$ 23.03	$ (23.51)	$ 24.45	$ 27.17	$ 23.03	$ (23.51)	$ 24.45				
1/1/2009	1	1	11	$ 30.57	$ 30.33	$ 27.72	$ 30.41	$ 30.57	$ 30.33	$ 27.72	$ 30.41				
1/1/2009	1	1	12	$ 32.96	$ 32.96	$ 32.96	$ 32.96	$ 32.96	$ 32.96	$ 32.96	$ 32.96				
1/1/2009	1	1	13	$ 24.69	$ 24.69	$ 24.69	$ 24.69	$ 24.69	$ 24.69	$ 24.69	$ 24.69				
1/1/2009	1	1	14	$ 17.84	$ 17.84	$ 17.84	$ 17.84	$ 17.84	$ 17.84	$ 17.84	$ 17.84				
1/1/2009	1	1	15	$ 15.00	$ 15.00	$ 15.00	$ 15.00	$ 15.00	$ 15.00	$ 15.00	$ 15.00				
1/1/2009	1	1	16	$ 12.74	$ 12.74	$ 12.74	$ 12.74	$ 12.74	$ 12.74	$ 12.74	$ 12.74				
1/1/2009	1	1	17	$ 12.96	$ 12.96	$ 12.96	$ 12.96	$ 12.96	$ 12.96	$ 12.96	$ 12.96				
1/1/2009	1	1	18	$ 29.33	$ 29.33	$ 29.33	$ 29.33	$ 29.33	$ 29.33	$ 29.33	$ 29.33				
1/1/2009	1	1	19	$ 43.18	$ 43.18	$ 43.18	$ 43.18	$ 43.18	$ 43.18	$ 43.18	$ 43.18				
1/1/2009	1	1	20	$ 33.69	$ 33.69	$ 33.69	$ 33.69	$ 33.69	$ 33.69	$ 33.69	$ 33.69				
1/1/2009	1	1	21	$ 27.20	$ 27.20	$ 27.20	$ 27.20	$ 27.20	$ 27.20	$ 27.20	$ 27.20				
1/1/2009	1	1	22	$ 22.71	$ 22.71	$ 22.71	$ 22.71	$ 22.71	$ 22.71	$ 22.71	$ 22.71				
1/1/2009	1	1	23	$ 21.25	$ 21.25	$ 21.25	$ 21.25					$ 21.25	$ 21.25	$ 21.25	$ 21.25
1/1/2009	1	1	24	$ 16.48	$ 16.48	$ 16.48	$ 16.48					$ 16.48	$ 16.48	$ 16.48	$ 16.48

Exhibit 1
Range of Hourly MCPE Prices Used for MCPE Price Calculations
Source: ERCOT

				Price				On Peak Price				OFF PeakPrice			
Date	Month	Day	Hour Ending	NORTH	SOUTH	WEST	HOUSTON	NORTH	SOUTH	WEST	HOUSTON	NORTH	SOUTH	WEST	HOUSTON
				Oncor-Dallas	AEP Central	AEP North	Center Point - HOUSTON	Oncor-Dallas	AEP Central	AEP North	Center Point - HOUSTON	Oncor-Dallas	AEP Central	AEP North	Center Point - HOUSTON
1/2/2009	1	2	1	$ 13.49	$ 13.49	$ 13.49	$ 13.49					$ 13.49	$ 13.49	$ 13.49	$ 13.49
1/2/2009	1	2	2	$ 12.97	$ 12.97	$ 12.97	$ 12.97					$ 12.97	$ 12.97	$ 12.97	$ 12.97
1/2/2009	1	2	3	$ 13.58	$ 13.58	$ 13.58	$ 13.58					$ 13.58	$ 13.58	$ 13.58	$ 13.58
1/2/2009	1	2	4	$ 15.57	$ 15.57	$ 15.57	$ 15.57					$ 15.57	$ 15.57	$ 15.57	$ 15.57
1/2/2009	1	2	5	$ 17.63	$ 17.63	$ 17.63	$ 17.63					$ 17.63	$ 17.63	$ 17.63	$ 17.63
1/2/2009	1	2	6	$ 18.68	$ 18.68	$ 18.68	$ 18.68					$ 18.68	$ 18.68	$ 18.68	$ 18.68
1/2/2009	1	2	7	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 26.09	$ 26.09				
1/2/2009	1	2	8	$ 28.13	$ 28.13	$ 28.13	$ 28.13	$ 28.13	$ 28.13	$ 28.13	$ 28.13				
1/2/2009	1	2	9	$ 28.11	$ 28.11	$ 28.11	$ 28.11	$ 28.11	$ 28.11	$ 28.11	$ 28.11				
1/2/2009	1	2	10	$ 28.85	$ 28.85	$ 28.85	$ 28.85	$ 28.85	$ 28.85	$ 28.85	$ 28.85				
1/2/2009	1	2	11	$ 44.36	$ 44.36	$ 44.36	$ 44.36	$ 44.36	$ 44.36	$ 44.36	$ 44.36				
1/2/2009	1	2	12	$ 44.99	$ 44.99	$ 44.99	$ 44.99	$ 44.99	$ 44.99	$ 44.99	$ 44.99				
1/2/2009	1	2	13	$ 39.48	$ 39.48	$ 39.48	$ 39.48	$ 39.48	$ 39.48	$ 39.48	$ 39.48				
1/2/2009	1	2	14	$ 30.32	$ 30.32	$ 30.32	$ 30.32	$ 30.32	$ 30.32	$ 30.32	$ 30.32				
1/2/2009	1	2	15	$ 29.43	$ 29.43	$ 29.43	$ 29.43	$ 29.43	$ 29.43	$ 29.43	$ 29.43				
1/2/2009	1	2	16	$ 26.97	$ 26.97	$ 26.97	$ 26.97	$ 26.97	$ 26.97	$ 26.97	$ 26.97				
1/2/2009	1	2	17	$ 26.78	$ 26.78	$ 26.78	$ 26.78	$ 26.78	$ 26.78	$ 26.78	$ 26.78				
1/2/2009	1	2	18	$ 31.14	$ 31.14	$ 31.14	$ 31.14	$ 31.14	$ 31.14	$ 31.14	$ 31.14				
1/2/2009	1	2	19	$ 41.77	$ 41.77	$ 41.77	$ 41.77	$ 41.77	$ 41.77	$ 41.77	$ 41.77				
1/2/2009	1	2	20	$ 28.04	$ 27.36	$ 19.71	$ 27.59	$ 28.04	$ 27.36	$ 19.71	$ 27.59				
1/2/2009	1	2	21	$ 25.93	$ 21.36	$ (30.08)	$ 22.93	$ 25.93	$ 21.36	$ (30.08)	$ 22.93				
1/2/2009	1	2	22	$ 20.99	$ 16.79	$ (30.56)	$ 18.23	$ 20.99	$ 16.79	$ (30.56)	$ 18.23				
1/2/2009	1	2	23	$ 30.15	$ 26.48	$ (14.75)	$ 27.74					$ 30.15	$ 26.48	$ (14.75)	$ 27.74
1/2/2009	1	2	24	$ 22.90	$ 19.20	$ (22.51)	$ 20.47					$ 22.90	$ 19.20	$ (22.51)	$ 20.47

Data for all 31 days in January, 2009 were used to calculate monthly average shown above.

Exhibit 1
Range of Hourly MCPE Prices Used for MCPE Price Calculations
Source: ERCOT

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Exhibit 1
Range of Hourly MCPE Prices Used for MCPE Price Calculations
Source: ERCOT

Example of Wires Charges at selected demand and load factors							
	Month	Demand KW	Load Factor	Oncor	AEP Central	AEP North	Houston
	1/1/2009	10	60%	$ 123.16	$ 168.61	$ 172.72	$ 97.96
	2/1/2009	10	60%	$ 112.00	$ 178.55	$ 157.14	$ 97.10
	3/1/2009	10	60%	$ 123.16	$ 196.86	$ 172.72	$ 98.27
	4/1/2009	10	60%	$ 112.95	$ 190.77	$ 167.53	$ 97.99
	5/1/2009	10	60%	$ 116.46	$ 196.86	$ 172.72	$ 98.27
	6/1/2009	10	60%	$ 112.95	$ 190.77	$ 167.53	$ 97.99
	7/1/2009	10	60%	$ 116.46	$ 196.86	$ 172.72	$ 98.27
	8/1/2009	10	60%	$ 127.41	$ 176.34	$ 172.72	$ 98.27
	9/1/2009	10	60%	$ 124.56	$ 171.18	$ 167.53	$ 98.22
	10/1/2009	10	60%	$ 128.42	$ 176.63	$ 172.72	$ 98.50
	11/1/2009	10	60%	$ 124.56	$ 171.18	$ 167.53	$ 97.13
	12/1/2009	10	60%	$ 120.72	$ 165.30	$ 172.72	$ 98.02
	1/1/2009	10	20%	$ 46.24	$ 61.38	$ 65.41	$ 92.08
	2/1/2009	10	20%	$ 42.52	$ 64.69	$ 60.21	$ 91.80
	3/1/2009	10	20%	$ 46.24	$ 70.81	$ 65.41	$ 92.40
	4/1/2009	10	20%	$ 42.84	$ 68.77	$ 63.68	$ 92.31
	5/1/2009	10	20%	$ 44.01	$ 70.81	$ 65.41	$ 92.40
	6/1/2009	10	20%	$ 42.84	$ 68.77	$ 63.68	$ 92.31
	7/1/2009	10	20%	$ 44.01	$ 70.81	$ 65.41	$ 92.40
	8/1/2009	10	20%	$ 47.66	$ 63.97	$ 65.41	$ 92.40
	9/1/2009	10	20%	$ 47.38	$ 62.25	$ 63.68	$ 92.54
	10/1/2009	10	20%	$ 48.67	$ 64.06	$ 65.41	$ 92.63
	11/1/2009	10	20%	$ 47.38	$ 62.25	$ 63.68	$ 91.45
	12/1/2009	10	20%	$ 46.03	$ 59.75	$ 65.41	$ 91.74
	1/1/2009	20	60%	$ 155.28	$ 230.98	$ 121.81	$ 155.62
	2/1/2009	20	60%	$ 154.71	$ 269.37	$ 121.00	$ 153.92
	3/1/2009	20	60%	$ 155.28	$ 287.49	$ 121.81	$ 156.26
	4/1/2009	20	60%	$ 156.35	$ 281.46	$ 121.54	$ 155.69
	5/1/2009	20	60%	$ 156.54	$ 287.49	$ 121.81	$ 156.26
	6/1/2009	20	60%	$ 156.35	$ 281.46	$ 121.54	$ 155.69
	7/1/2009	20	60%	$ 156.54	$ 287.49	$ 121.81	$ 156.26
	8/1/2009	20	60%	$ 155.08	$ 246.45	$ 121.81	$ 156.26
	9/1/2009	20	60%	$ 161.09	$ 242.37	$ 121.54	$ 156.15
	10/1/2009	20	60%	$ 161.28	$ 247.07	$ 121.81	$ 156.72
	11/1/2009	20	60%	$ 161.09	$ 242.37	$ 121.54	$ 153.97
	12/1/2009	20	60%	$ 164.42	$ 266.03	$ 121.81	$ 155.74
	1/1/2009	20	30%	$ 152.35	$ 165.81	$ 117.64	$ 146.82
	2/1/2009	20	30%	$ 152.07	$ 185.01	$ 117.23	$ 145.96
	3/1/2009	20	30%	$ 152.35	$ 194.08	$ 117.64	$ 147.45
	4/1/2009	20	30%	$ 153.52	$ 191.07	$ 117.50	$ 147.17
	5/1/2009	20	30%	$ 153.61	$ 194.08	$ 117.64	$ 147.45
	6/1/2009	20	30%	$ 153.52	$ 191.07	$ 117.50	$ 147.17
	7/1/2009	20	30%	$ 153.61	$ 194.08	$ 117.64	$ 147.45
	8/1/2009	20	30%	$ 152.15	$ 173.56	$ 117.64	$ 147.45
	9/1/2009	20	30%	$ 158.26	$ 171.84	$ 117.50	$ 147.63
	10/1/2009	20	30%	$ 158.35	$ 174.19	$ 117.64	$ 147.91
	11/1/2009	20	30%	$ 158.26	$ 171.84	$ 117.50	$ 145.45
	12/1/2009	20	30%	$ 161.49	$ 191.86	$ 117.64	$ 146.33

Exhibit 1
Range of Hourly MCPE Prices Used for MCPE Price Calculations
Source: ERCOT

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Austin Energy Affordability Benchmarking Study Evaluation of Electricity Rates and Bills

Residential Electricity Bill Comparisons Final Report

November 5, 2010

Austin Energy Affordability Benchmarking Study Evaluation of Electricity Rates and Bills

Residential Electricity Bill Comparison

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions and observations contained herein attributed to R. W. Beck, Inc., ("R. W. Beck") constitute the opinions of R. W. Beck. To the extent that statements, information, and opinions provided by the client or others have been used in the preparation of this report, R. W. Beck has relied upon the same to be accurate and for which no assurances are intended and no representations or warranties are made. R. W. Beck makes no certification and gives no assurances except as explicitly set forth in this report.

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Executive Summary

As a component of its affordability project, Austin Energy ("AE") retained R. W. Beck, An SAIC Company and R. J. Covington Consulting, LLC ("R. W. Beck Team") to conduct an analysis of AE customer electricity bills compared to electricity bills of customers of other utilities in Texas. This report contains the findings made by the R. W. Beck Team related to the pricing of electricity for residential customers.

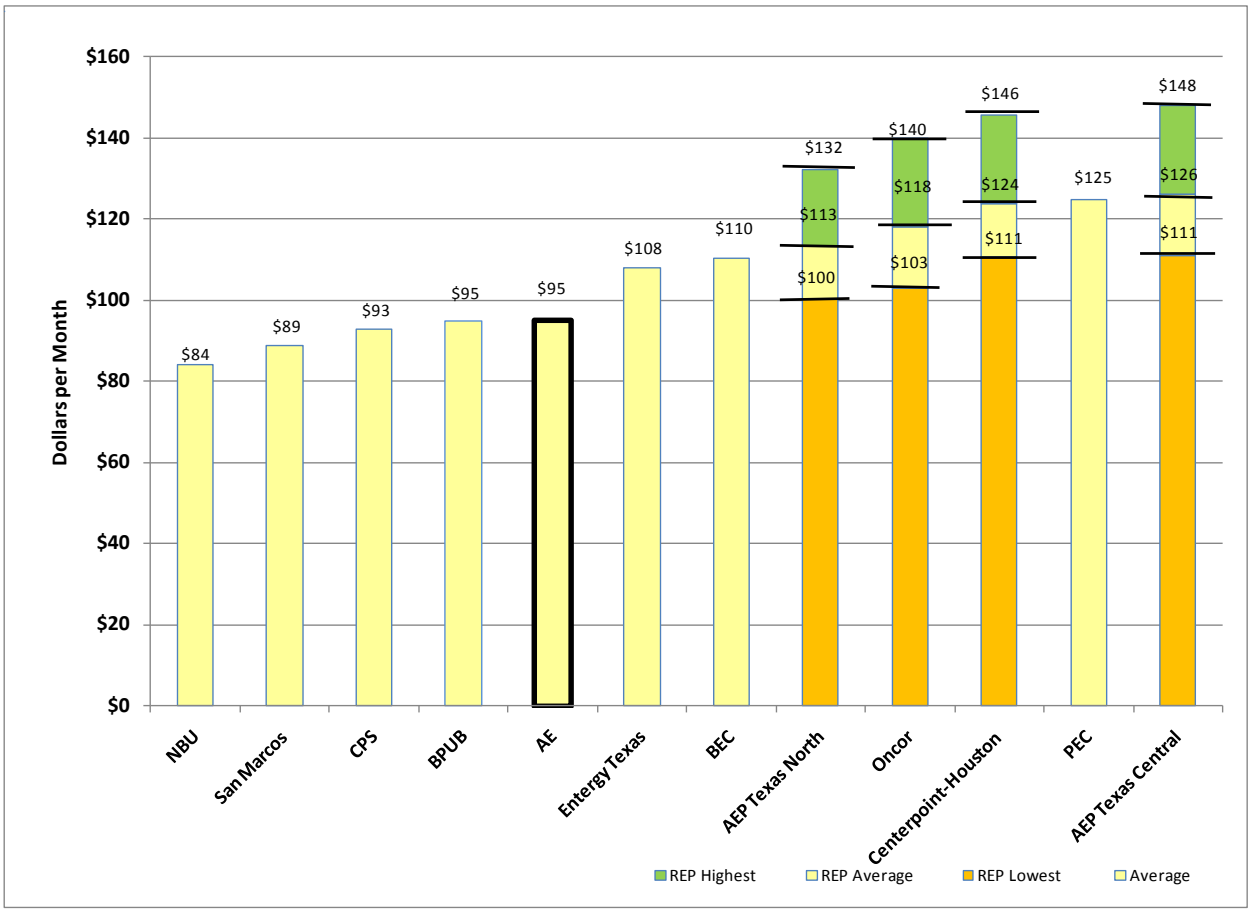
The R. W. Beck Team used publicly available data sources to obtain information on electricity bills in 12 cities and/or electricity market areas in Texas. Sources included the Public Utility Commission of Texas ("PUCT") website (http://www.puc.state.tx.us/electric/rates/index.cfm), the Texas Electric Choice website (http://www.powertochoose.org) and individual retail electric provider ("REP") websites. The PUCT provides historical pricing data at four usage levels [500 kilowatt-hours (kWh), 1,000 kWh, 1,500 kWh and 2,000 kWh] within competitive markets of the state. For electric utility service providers not currently participating in retail choice, published tariff rates were used to calculate a representative monthly bill for each of the four usage levels. Due to the imprecise nature of the selection process and the volume of data used in the calculations, results should be interpreted as indicative rather than conclusive. Variable and indexed price offerings were not included in this analysis, nor were any offerings that were reported as the REP's name exclusively (i.e., did not also include a program name).

The R. W. Beck Team's analysis indicates that the dollar amount of AE's residential electricity bills at representative levels of energy usage are comparable to, and at times lower than, that of other utilities and electricity providers in Texas. AE's residential bills are the most favorable at lower usage levels, particularly at 500 kWh monthly usage or less, due to some extent to its tiered rate structure that provides a lower rate for the first 500 kWh of monthly electricity usage.

Figure ES-1 provides a side-by-side comparison of representative monthly customer bills at the 1,000 kWh usage level in 2009. 1,000 kWh per month is considered fairly typical usage in homes in the U.S., with residential usage in Texas averaging 1,130 kWh per month according to the Department of Energy.[1] At this level, calculated bills for the New Braunfels Utilities ("NBU"), San Antonio City Public Service ("CPS Energy"), Brownsville Public Utilities Board ("BPUB") and AE would have been among the lowest found in our analysis at $95 per month or less. The average price in the markets served by Transmission and Distribution Service Providers ("TDSPs") ranged from $113 to $126. For the TDSP market areas the following graphs display three levels of pricing for each market: the lowest cost fixed price offering available from REPs each month averaged across the year, the average cost of the REP offerings and the highest costs each month averaged across the year. For example, in the AEP Texas North service area the lowest price offering each month averaged in 2009 would have been $100, while the average cost would have been $113, and the highest offerings would have an average cost of $132 per month. A more detailed explanation of the methodology used in this study is included in the body of this report. Acronyms or titles used for the various electric utilities included in the figures below are defined in Table 1 of this report.

[1] http://www.eia.doe.gov/ask/electricity_faqs.asp

Figure ES-1
Average Monthly Bill at 1,000 kWh - 2009



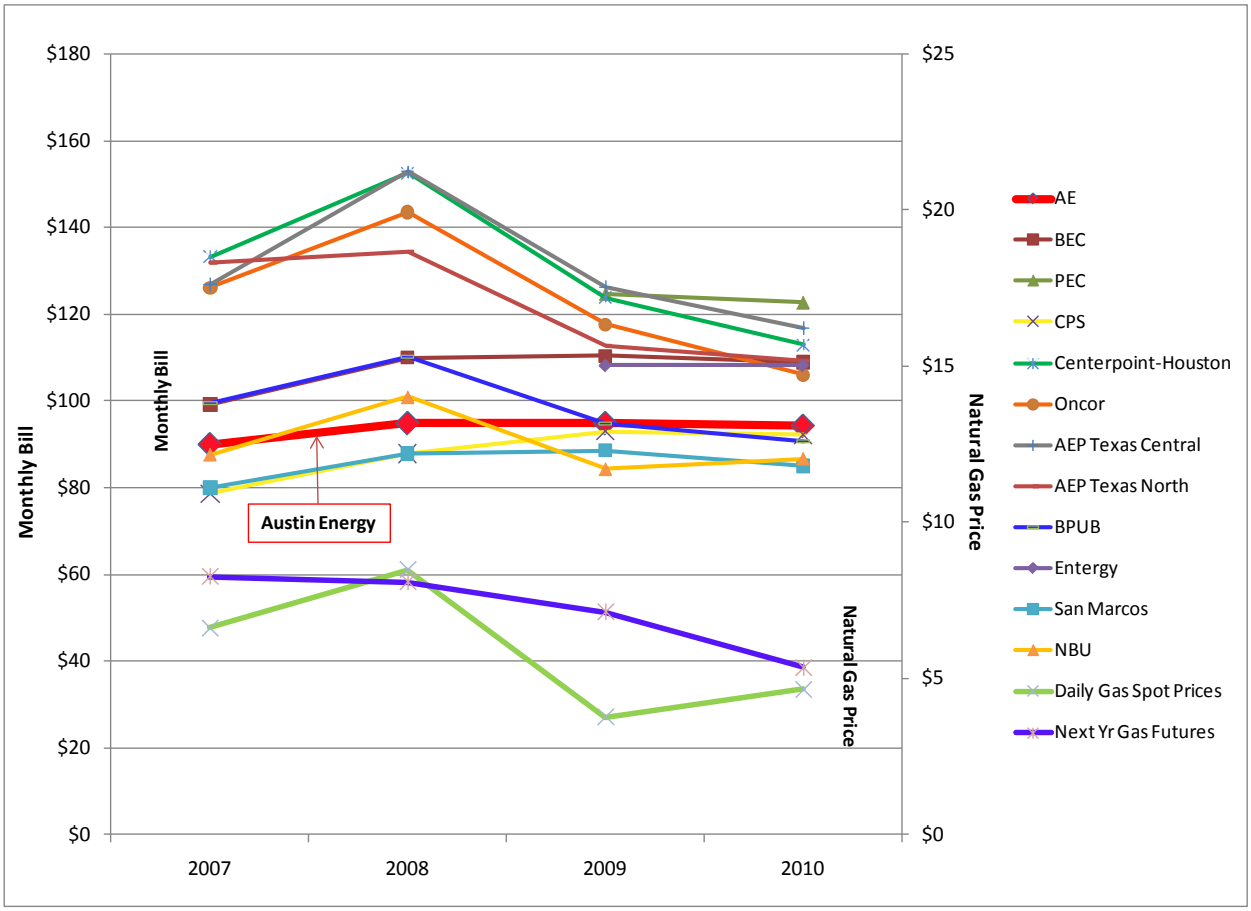
Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

At all usage levels, it appears that prices have been converging over time. Figure ES-2 shows electricity pricing trends at the 1,000 kWh usage level as well as historic natural gas futures prices for the appropriate time period, showing a drop from approximately $8 per million British Thermal Units (MMBtu) in 2008 to a price in the $5 per MMBtu range in 2010.

Even the average of the least expensive fixed price offerings by a REP in each of the four TDSP territories which serve Houston, Dallas, Corpus Christi and Abilene, respectively, would have been among the highest prices in 2007 and 2008; however, these bills would have decreased appreciably in 2009 and 2010, attributed, in part, to the decline in natural gas prices. The current downward trend in natural gas prices appears to be highly correlated to the decline in electricity bills from REPs in 2009 and 2010. AE's generation mix is less reliant on gas-fired capacity than the ERCOT overall generation mix. This, along with AE's efforts to control the costs of natural

gas through its fuel hedging program, may lessen any negative impact of rising natural gas prices on pricing for AE. Conversely, the current decrease in natural gas prices that may be attributed to some extent to the overall recessionary economy, which in turn has led to flat or declining energy usage, provide short-term price advantages to many other providers, while having less impact on AE's prices.

Figure ES-2
Average Monthly Bill at 1,000 kWh Over Time

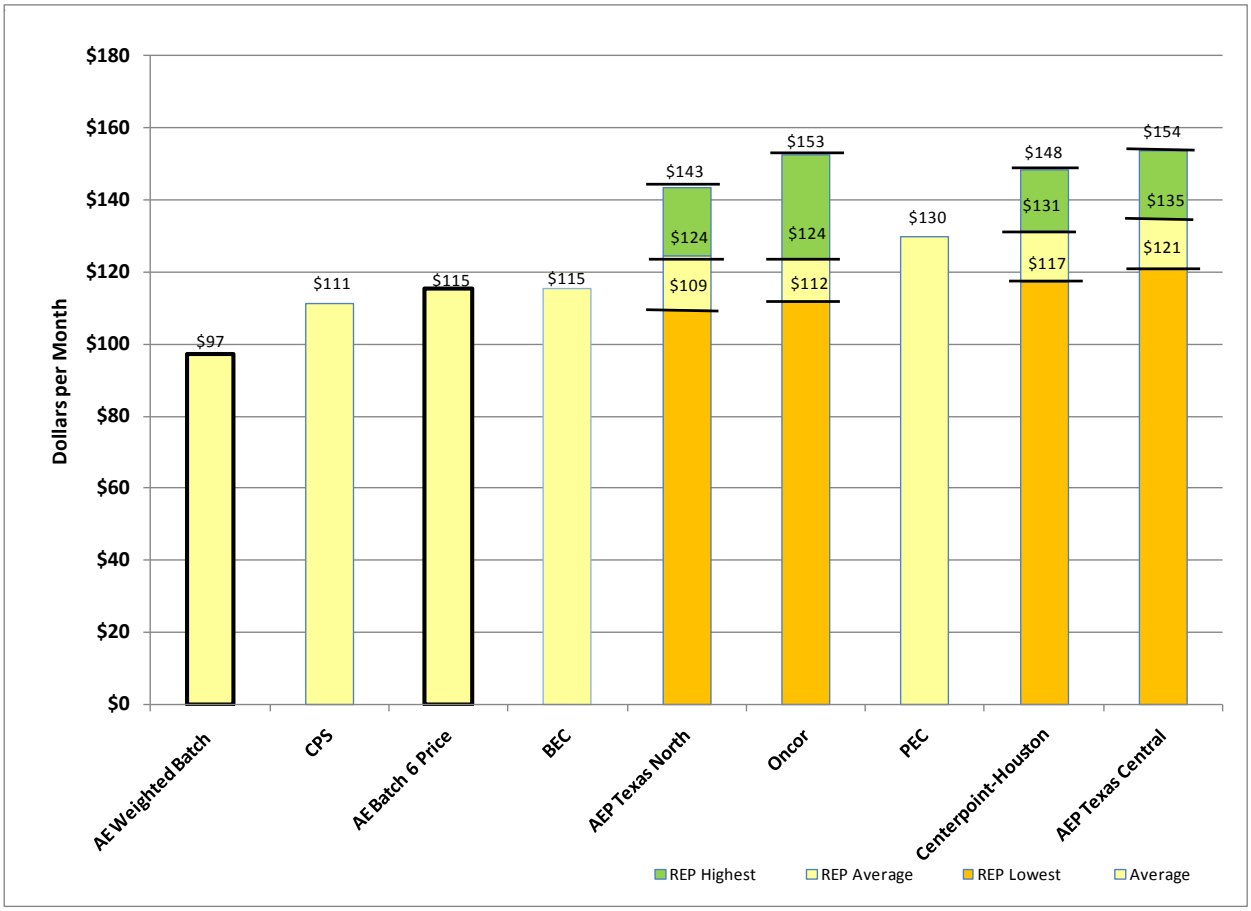


Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

AE's GreenChoice® program provides renewable energy at a price that is comparable with other utilities in Texas as shown in Figures ES-3 and ES-4. Figure ES-3 shows pricing for renewable energy products for 2009 at the 1,000 kWh usage level. AE's GreenChoice® customers pay a renewable energy charge in lieu of a fuel adjustment charge. The price associated with AE's renewable energy charge is dependent upon when the customer enrolled in the program. To date, AE has offered six "batches" of renewable energy each with an associated price to

consumers based on AE's cost of purchasing the energy plus additional adders. The weighted average batch cost would have been $97 per month in 2009, while the price for new subscribers would have been $115 (at the 1,000 kWh usage level). Both of these prices are among the lowest prices available for renewable products in 2009.

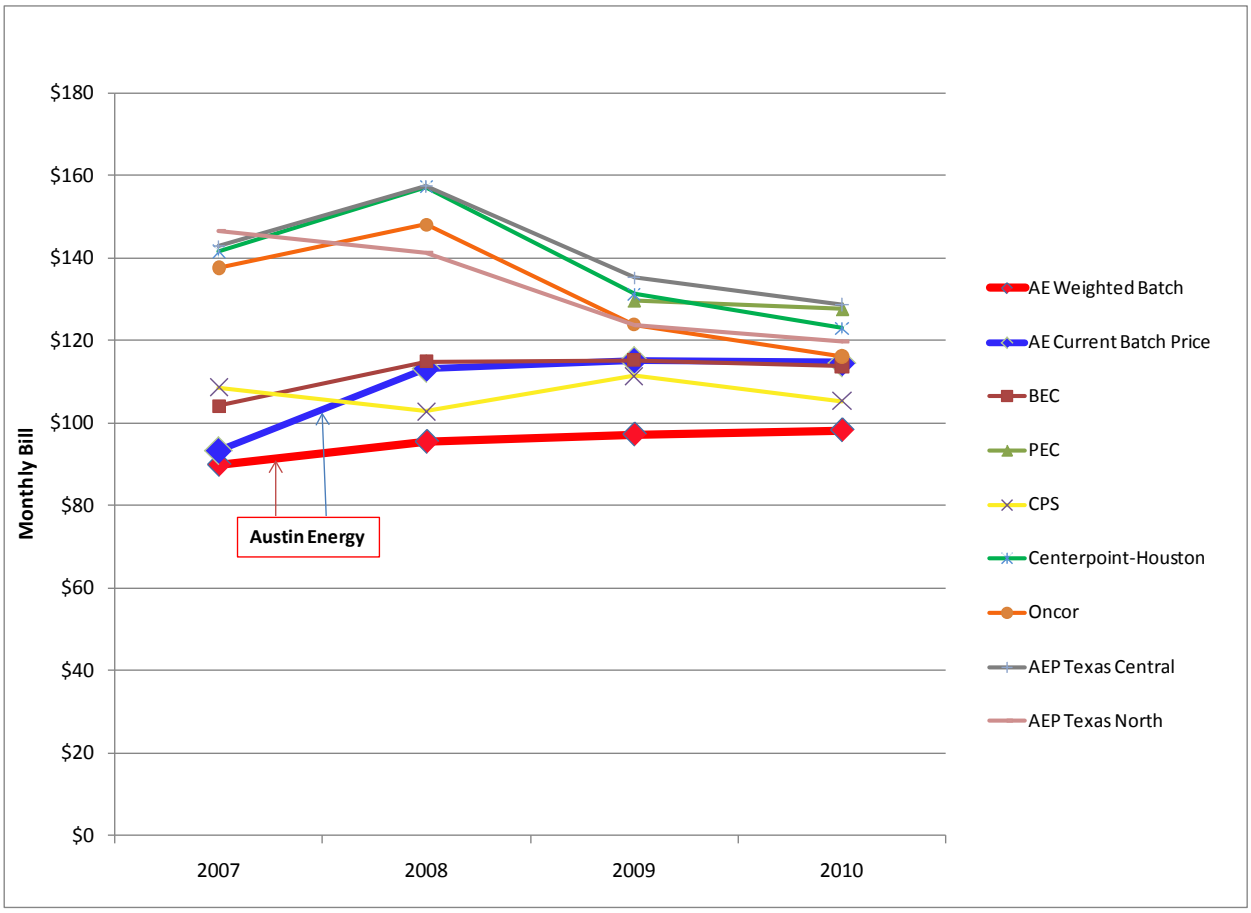
Figure ES-3
Average Monthly Green Bill at 1,000 kWh - 2009



Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

Figure ES-4 shows representative renewable energy bills for the past four years for utilities that offer fixed priced energy products with renewable content. As with traditional energy products, prices for renewable content energy products have converged over the time period of this study, with AE remaining at the lower end of prices.

Figure ES-4
Average Monthly Green Bill at 1,000 kWh Over Time



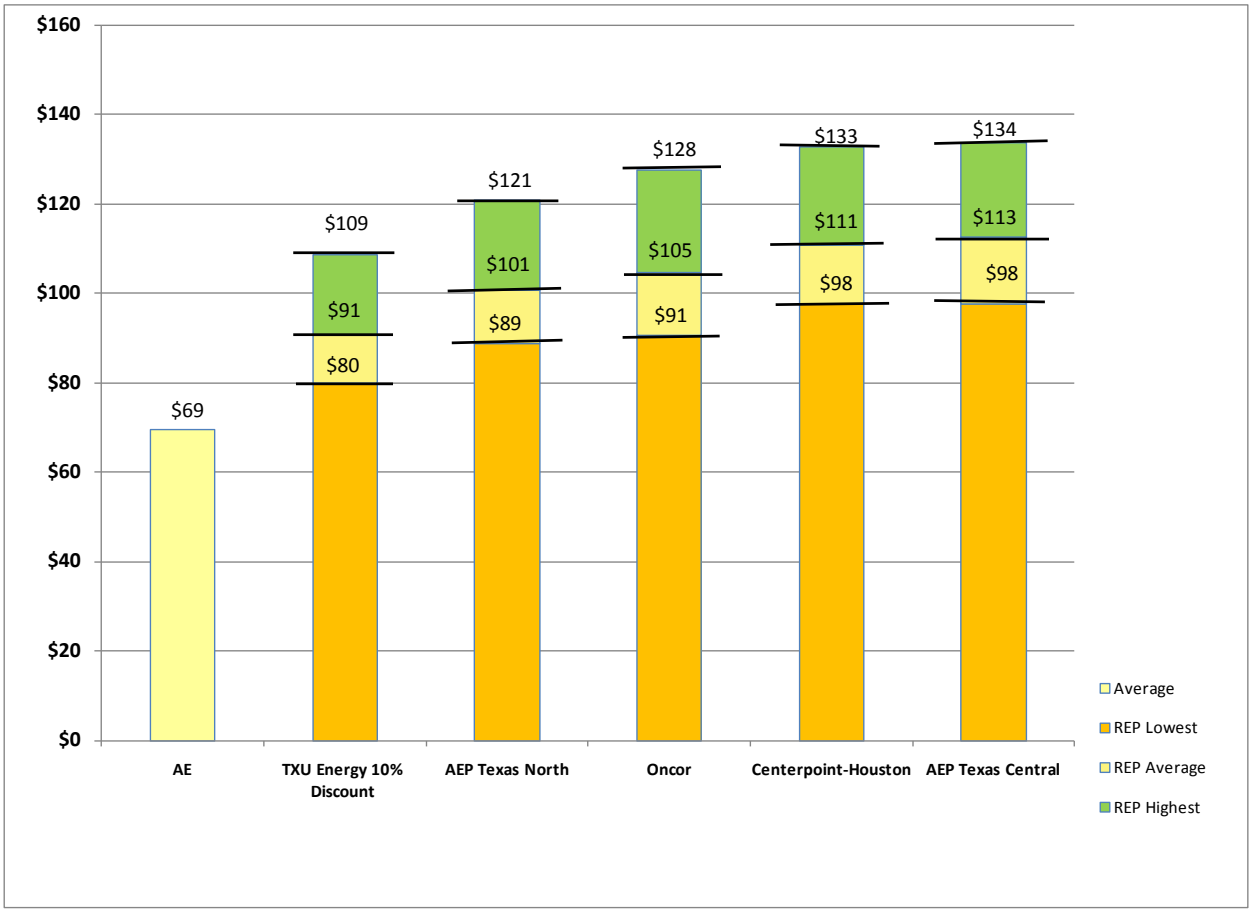
Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

This analysis also includes a comparison of low-income programs. REPs offer a discount program, *Lite-Up Texas*, to low-income customers in competitive electric service territories during the months of May through September. The REPs provide the bill discount to customers, for which they are compensated through funds provided by the System Benefit Charge on competitive market electricity bills. Texas' restructuring legislation authorized this System Benefits Charge, a non-by-passable fee to fund low-income rate assistance and energy efficiency improvements for low-income customers. Additionally, specific REP's may offer supplementary assistance to low-income customers. An example of a REP year-round program which is graphically displayed in Figure ES-5 is TXU Energy's additional 10-percent discount to qualified low-income customers in competitive areas across the state.

The data for AE in Figure ES-5 represents discounts provided to low-income customers through AE's Customer Assistance Discount Program. Discounts provided by this program include the waiving of AE's $6.00 per month customer charge and charging the Batch-1 GreenChoice® charge in lieu of the fuel charge. This amounts to an average monthly discount of $26 for a customer using 1,000 kWh on average. Additional discounts on the City of Austin utility bill are provided through this program, amounting on average to an additional $22.71 in discounts. These additional discounts were not included in this analysis because they are not directly related to electric service. Other programs included in the City of Austin's extensive Customer Assistance Program are designed to provide assistance to customers in the areas of financial assistance, energy efficiency improvements, and water conservation. Only direct discounts under AE's Customer Assistance Discount Program are included in this analysis.

During the summer months, the cost savings from AE's program and *Lite-Up Texas* result in similarly priced bills. However, because AE offers the low-income assistance pricing on a year-round basis, as opposed to discounts only during the summer months, AE provides greater benefits to low-income customers on an annual basis. Figure ES-5 demonstrates a monthly bill for AE customers and *Lite-Up Texas* customers on an average annualized basis for the year 2009.

Figure ES-5
Average Annualized Monthly Bill for Low-Income Customers
at 1,000 kWh - 2009



Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

The findings of this analysis indicate that AE's residential monthly bills are comparable to, and in certain instances lower than, bills from other electric providers in Texas. Results at the 1,000 kWh usage level are shown in Tables ES-1 and ES-2 and Figures ES-6 and ES-7 below. Details include:

For 2010:

- AE's representative bill ($94) would have been 6 percent lower than the average for the other utilities included in this study ($100).
- AE's representative GreenChoice® bill weighted average bill ($98) would have been 13 percent less than the average for the other utilities ($111), while the Batch 6 priced bill ($115) would have been 4 percent higher than the average.

For 2009:

- AE's representative bill ($95) would have been 8 percent lower than the average of the lowest REP price in each TDSP and pricing offered by other utilities included in this study ($103).
- AE's representative GreenChoice® bill weighted average bill ($97) would have been 20 percent less than the average of the lowest REP price in each TDSP and pricing offered by other utilities ($116), while the Batch 6 priced bill ($115) would have been 1 percent lower than the average.

For 2008:

- AE's representative bill ($95) would have been 20 percent lower than the average for the other utilities included in this study ($113).
- AE's representative GreenChoice® bill weighted average bill ($96) would have been 35 percent less than the average for the other utilities ($129). While the Batch 5 priced bill ($113) would have been 15 percent lower than the average.

For 2007:

- AE's representative bill ($90) would have been 12 percent lower than the average for the other utilities included in this study ($101).
- AE's representative GreenChoice® bill weighted average bill ($90) would have been 38 percent less than the average for the other utilities ($124). While the Batch 4 priced bill ($93) would have been 33 percent lower than the average.

Table ES-1
Residential Monthly Electricity Bill Comparison at 1,000 kWh
(2007-2010)

Year	AE Residential	Average Other Providers Residential	% Difference Costs
2007	$90	$101	(12%)
2008	$95	$113	(20%)
2009	$95	$103	(8%)
Thru July 2010	$94	$100	(6%)

Table ES-2
Residential Monthly Green Electricity Bill Comparison at 1,000 kWh
(2007-2010)

Year	AE Weighted Avg. GreenChoice® Batch Price	AE Prevailing GreenChoice® Batch Price	Avg. of Other Providers Green Price	% Difference in Costs with AE Weighted Avg.	% Difference in Costs with AE Prevailing Batch Price
2007	$90	$93	$124	(38%)	(33%)
2008	$96	$113	$129	(35%)	(15%)
2009	$97	$115	$116	(20%)	(1%)
Thru July 2010	$98	$115	$111	(13%)	+4%

Figure ES-6
Residential Monthly Bill Comparison at 1,000 kWh
(2007 – 2010)

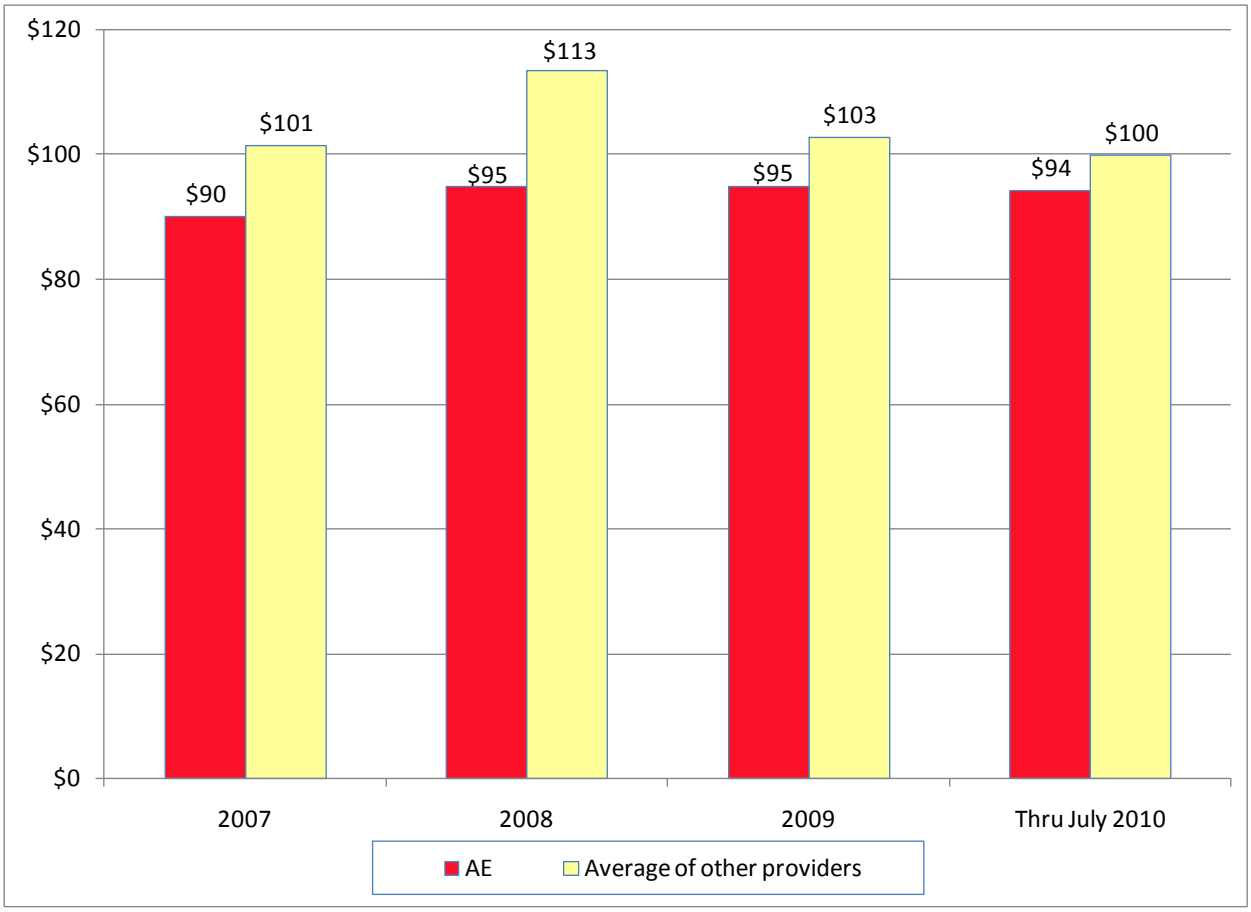
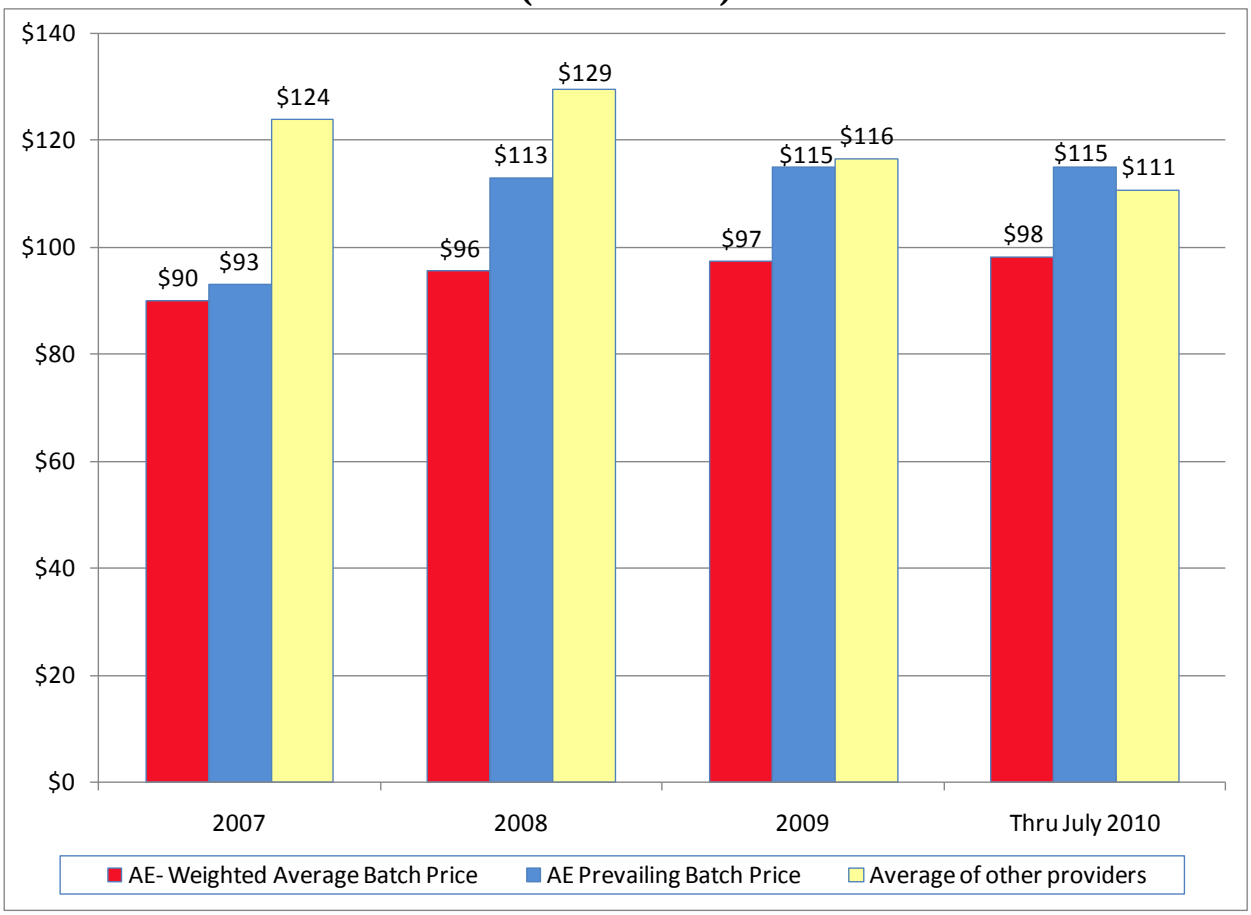


Figure ES-7
Residential Monthly Green Bill Comparison at 1,000 kWh
(2007 – 2010)



Austin Energy Affordability Benchmarking Study Evaluation of Electricity Rates and Bills

Residential Electricity Rate Comparisons

November 5, 2010

Austin Energy Affordability Benchmarking Study Evaluation of Electricity Rates and Bills

Residential Electricity Bill Comparison

This report has been prepared for the use of the client for the specific purposes identified in the report. The conclusions and observations contained herein attributed to R. W. Beck, Inc., ("R. W. Beck") constitute the opinions of R. W. Beck. To the extent that statements, information, and opinions provided by the client or others have been used in the preparation of this report, R. W. Beck has relied upon the same to be accurate and for which no assurances are intended and no representations or warranties are made. R. W. Beck makes no certification and gives no assurances except as explicitly set forth in this report.

Introduction

In conjunction with its initiative to determine the affordability of Austin Energy's ("AE") fully bundled retail rates for residential, commercial and industrial customers, AE retained R. W. Beck, An SAIC Company and R. J. Covington Consulting, LLC ("R. W. Beck Team") to conduct an analysis comparing AE customer electricity bills with those of customers of other utilities serving similar customer loads, or demand, in other metropolitan areas within Texas. This report reflects the R. W. Beck Team's findings pertaining to residential customer electricity pricing.

Methodological Approach to Bill Comparisons

Data Sources

Publicly available data sources were used to obtain information on rates charged both currently and historically (when available) by electric utilities serving customers within Texas. Sources included the Public Utility Commission of Texas ("PUCT") website (http://www.puc.state.tx.us/electric/rates/index.cfm), the Texas Electric Choice website (http://www.powertochoose.org), and individual REP websites to review Electricity Facts Label ("EFL") information related to type of product (fixed rate, variable rate, or indexed rate), pricing and contract terms. According to the PUCT's Substantive Rules – Chapter 25, Applicable to Electric Service Providers; Subchapter R, Customer Protection Rules for Retail Electric Service, "For a fixed rate product, the EFL shall provide the total average price for electric service reflecting all recurring charges, excluding state and local sales taxes, and reimbursement for the state miscellaneous gross receipts tax, to the customer."[2] The rule and discussions with PUCT staff led to our understanding that all surcharges such as the Advanced Metering Systems Surcharge and System Benefit Fund charge are included in the PUCT data.

For electric utility service providers and market areas not included in retail choice in Texas, rate tariffs were obtained from individual utility web sites. These published rates were used to calculate a representative monthly bill for each of four usage levels (500kWh, 1,000 kWh, 1,500 kWh, and 2,000 kWh) to correspond with the usage levels reported by the PUCT for the competitive market areas of the state. Both fixed (monthly service charge/fee) and variable price components (price per kWh, fuel adjustment clause, and renewable riders, as available) were included in the calculations, as well as summer and winter rates as applicable. Instances where specific data was not available are documented in the Table Notes.

Additional detail on methodology used is provided below as well as in Table Note 1.

Benchmarked Service Providers

Table 1, shown below, displays the city/metropolitan areas included in our analysis and the corresponding utility provider or what is called the Transmission and Distribution Service

[2] Public Utility Commission of Texas website. http://www.puc.state.tx.us/rules/subrules/electric/index.cfm.

Provider ("TDSP") in competitive market areas of Texas. The TDSPs, sometimes called the wires companies, transmit and deliver electricity to the customer via poles and wires that each company owns. TDSP's are responsible for maintenance and repair of the poles and wires and are regulated by the PUCT.

Table 1
Electric Service Providers by City

City	Electric Service Provider or Territory
Abilene	AEP Texas North (formerly West Texas Utilities)
Austin	Austin Energy
Beaumont	Entergy Texas
Brownsville	Brownsville Public Utility Board ("BPUB")
Cedar Park	Pedernales Electric Cooperative ("PEC")
Corpus Christi	AEP Texas Central (formerly Central Power & Light)
Dallas	Oncor (formerly TXU)
Elgin	Bluebonnet Electric Cooperative ("BEC")
Houston	Center Point Energy (formerly Reliant Energy Houston Light & Power)
New Braunfels	New Braunfels Utilities ("NBU")
San Antonio	City of San Antonio CPS Energy ("CPS Energy")
San Marcos	City of San Marcos Utility Service

Table 2 displays the number of residential customers and residential megawatt hour (MWh) sales in 2008 for electric providers in non-competitive markets.

Due to deregulation in Texas, Retail Electric Providers ("REPs") sell, bill, and provide customer service for electricity in competitive markets in Texas, with the energy being delivered to customers over the TDSP's infrastructure. TDSPs provide transmission and distribution service in specific geographic territories while REPs tend to serve an area that extends beyond one city and/or geographic market and may serve customers in numerous geographic areas. Because of this complexity and potential misinterpretation of the data related to the number of customers and MWh sales for REPs and TDSPs, it is not presented in the following table. A more thorough discussion of electric competition in Texas is provided below.

Some of the electric service providers included in the table below serve more than one city or geographic region. For this reason, the number of residential electric customers for the utility exceeds the city population in some instances.

Table 2
City and Utility Demographics

City	City Population*	Utility	No. of Residential Electric Customers for the Utility **	Residential MWH Sales in 2008**
Austin	786,382	AE	355,628	4,164,577
Elgin	9,880	BEC	68,206	1,022,692
Beaumont	110,099	Entergy Texas	431,400	4,340,205
Brownsville	176,858	BPUB	38,954	482,509
Cedar Park	64,415	PEC	207,460	3,230,805
New Braunfels	55,867	NBU	23,617	362,915
San Antonio	1,373,668	CPS Energy	611,509	8,616,517
San Marcos	53,205	City of San Marcos	16,690	186,944

*Source: U.S. Census Bureau, 2009 Population Estimate
** Source: EIA Form 861, 2008

Data Assumptions

Retail Electric Providers

The PUCT "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) data were used to obtain a total bill offering price for selected REPs and programs for each month of each year included in the analysis (first seven months of 2010, each month of the years 2007, 2008 and 2009). This data is provided at four usage levels: 500 kWh; 1,000 kWh; 1,500 kWh; and 2,000 kWh. Service offerings for which the respective "Electricity Facts Label" indicated it was a fixed price service were included in the analysis. For program offerings in 2007, 2008 and 2009 that were not offered in July 2010 and hence no longer have an Electricity Facts Label posted on the service providers' website, the program name was used to classify offerings as fixed price. Due to the imprecise nature of the selection process and the volume of data used in the calculations, results should be interpreted as indicative rather than conclusive. Variable and indexed price offerings were not included in this analysis, nor were any offerings that were reported as the REP's name exclusively (i.e., did not also include a program name).

AE provides service to customers under a fixed rate tariff that is typically adjusted annually for changes in fuel costs incurred by the utility. To provide comparability in assessing AE's rates against rates available in the competitive market place, the R. W. Beck Team used monthly market prices as the basis for computing an annual competitive market proxy price. Only fixed

term products with a term of three or more months were used in the calculations of the annual proxy. The prices of offerings for each month are averaged over a 12 month period to create a levelized offering that is most similar to AE's terms of service. Other shorter term (i.e., variable, typically month-to-moth) products are available to customers in competitive territories, but these were excluded from our analysis to maintain comparability. At any point in time, the price of competitive service will vary based on the price forecast for natural gas. The R. W. Beck Team therefore used a twelve month proxy to smooth out volatility arising from the natural gas market. This approach may attenuate short term changes in market prices, but will nevertheless recognize pricing changes that occur over longer terms.

The "all-in" fixed prices reflect a monthly average of the fixed rate bills for each month of the respective year (i.e., 2007, 2008, and 2009) totaled across the respective year in each of four TDSPs – Oncor Electric Delivery (formerly TXU), CenterPoint Energy Houston Electric (formerly Reliant Energy HL&P), AEP Texas Central (formerly Central Power and Light) and AEP Texas North (formerly West Texas Utilities) and divided by 12.

Similarly, the all-in fixed green prices for REPs were calculated as the monthly average of fixed priced renewable energy, or "green," program offerings, totaled across each year within each of the four service territories and divided by 12 to obtain a monthly average electricity bill. Offerings whose EFL indicated its content included renewable generation as well as discontinued offerings that used a naming convention that included the term green, pollution free, renewable, wind or earthwise were included as "green" offerings in the analysis. Some renewable offerings included in this analysis contain 100 percent renewable content while others contain a smaller percentage of green energy.

The "lowest" and "highest" data reflect the lowest and highest fixed rate price, respectively, each month totaled across each respective year and then divided by 12 to obtain an average lowest and highest monthly cost.

Electric Providers in Non-competitive Markets

For electric utility providers in non-competitive areas of Texas, published tariff rates were used to calculate a representative bill for each of the four usage levels (500 kWh, 1,000 kWh, 1,500 kWh, and 2,000 kWh). This bill calculation included fixed charges such as a monthly service fee and all applicable variable costs, based on data availability.

The Electric Division of the PUCT provides a residential monthly electricity bill comparison based on data collected from various utilities in markets within Texas that are not open to competition. The data and computations are provided by each participating utility. Each utility calculates a typical customer's bill for two levels of usage (500 kWh and 1,000 kWh) based on their internal rate tariff. AE, CPS Energy, City of San Marcos, and Entergy Texas participate in the PUCT survey and their 2010 reported data was compared to the representative bill calculated for this study. Based on the monthly average of January through June 2010, results of this comparison reveal that the AE and CPS Energy PUCT reported and R. W. Beck Team calculated bills are essentially the same. However, there are some discrepancies between the representative bills the R. W. Beck Team calculated for Entergy Texas and San Marcos. For example, at the 500 kWh level, the average bill for the first seven months of 2010 as reported by Entergy Texas

to the PUCT was $50, which is 11-percent lower than the bill calculated by using the rate information Entergy Texas has posted on their website ($56). Since utilities have more than one rate for residential customers, these differences may be due to the R. W. Beck Team using a different rate schedule than the one reported to the PUCT by the utility. The R. W. Beck Team's calculation for San Marcos was based on rate information posted on their website (http://www.ci.san-marcos.tx.us/departments/finance/utilityrates.htm) as well as information provided by the utility department based on our team's telephone inquiry. Our analysis resulted in a monthly average bill of $43 at the 500 kWh usage level, while the PUCT data reports an average of $51.

Data Limitations

The PUCT "Bill Comparison, Monthly Bill" does not include all pricing offers from all REPs in its historical database; hence this analysis was limited to available data. The PUCT provides the following disclaimer "This information is compiled by the Public Utility Commission of Texas from publicly available information from the Retail Electric Providers and PUC approved price to beat rates (through December 2006) using representative usage levels. The PUC makes no recommendation with respect to any REP. Although we believe these prices are accurate, the PUC makes no warranty that the prices in this table are currently being offered."[3]

Additionally, some data such as the historical fuel adjustment factors were not available for several utilities. Such limitations include the absence of historical fuel adjustment costs for both Bluebonnet Electric Cooperative and Pedernales Electric Cooperative. Specific data limitations are listed in the Table Notes at the end of this report.

Residential Electricity Bill Analysis at Specified Levels of Usage

For both traditional and renewable energy electric service, the dollar amount of AE's residential electricity bills appear to be comparable to, and at times lower than, those of other utilities and REPs in Texas. AE's residential bills are more favorable at lower usage levels, particularly at 500 kWh monthly usage or less, due to its rate structure that provides a lower rate for the first 500 kWh of monthly electricity usage. The monthly average residential electricity bill comparative data at four different levels of energy usage (500 kWh, 1,000 kWh, 1,500 kWh and 2,000 kWh) for the first seven months of 2010 is shown in Table 4, while monthly average bill comparative data for 2009 is displayed in Table 5.

The comparison of AE and REP/TDSP pricing is complicated because they operate in two different market environments. Historically, a single company provided all parts of electricity service (generation, transmission and distribution and electricity sales to customers) within its geographic service territory. With competition, these functions were separated into different operating companies. In Texas, the TDSPs transmit and deliver electricity to customers through poles and wires owned by that company. Because they own the transmission and distribution infrastructure, TDSPs serve specific geographic areas. In contrast, REPs sell and bill for

[3] Public Utility Commission of Texas website. http://www.puc.state.tx.us/electric/rates/RESbill.cfm

electricity (which is delivered over the TDSPs infrastructure); as such REPs are able to solicit for and serve customers in any of the competitive market areas they choose.

Most REPs offer electricity products in several TDSP territories, with the price of the electricity bill varying slightly in each TDSP due to differences in transmission and distribution costs. Many of the REPs offer a variety of electric service products which may have fixed, variable or indexed pricing. A fixed electricity rate will generally remain the same throughout the term of the contract. A variable electricity rate can increase or decrease each month according to a method determined by the offering REP. An indexed rate is tied to a specific pricing formula offered by the REP. A long contract period and a fixed rate typically provide the customer with price certainty. However, if market prices fall, customers on long-term, fixed contracts may have to wait until their contract expires to take advantage of the lower price. Variable and indexed rate plans can provide the benefit of an immediate pass-through of decreased market prices but also subject the customer to the risk of increased market prices that may be tied to natural gas price increases due to cold weather, natural disasters, or other market conditions.

In contrast to REPs who offer indexed and variable pricing which can fluctuate each month, AE and other utilities in non-competitive markets typically offer more stable pricing. One example of the volatility of variable rates plans is the Reliant Energy "Monthly Flex Plan" offered in the Oncor service territory. The price in May 2010 would have been $96.08 for 1,000 kWh of usage, compared to a price of $160.00 for the same product in July 2008.

Utilities in non-competitive markets set a base rate that is determined by their generation or power supply portfolio costs, transmission and distribution costs and operating costs. This price has historically been consistent over a long time period. Minor adjustments may be made to bill costs through a fuel factor adjustment. For example, AE has not restructured its base rates since 1994, but has the ability to change the fuel factor adjustments on a regular basis. While some municipal and cooperative utilities make monthly adjustments to their fuel factor, AE generally updates its fuel factor on an annual basis. In competitive markets, REPs generally set prices based on the current energy market which is highly dependent on the price of natural gas. Hence a comparison across market types (competitive vs. non-competitive) is likely to be indicative, rather than conclusive. Regardless of these inherent differences, in an attempt to compare the most similar offering possible, this analysis includes fixed priced products only, as these products most closely approximate the pricing of electricity from AE and other utilities that are not involved in retail competition.

To capture the resultant cost of electricity to consumers, the monthly price within each of the four TDSP service territories included in this analysis is presented in several ways in the following tables. To determine the "average" cost of electric service, an average price for all fixed priced offerings for each month of the year was first obtained. That average cost of electric service was summed across the year and then divided by 12. For example, in January 2009 consumers in Dallas could choose a fixed price offering from Ambit, Amigo, First Choice Power, and several other REPs the average monthly electricity bill price of all fixed priced offerings which was $71.25 for 500 kWh of usage. In November, 2009 the average price of electric service offerings in Dallas was $53.63 for 500 kWh of usage. Over the course of the year the average total bill for fixed price electric service in Dallas was $63, as seen in Table 5.

Likewise, the lowest and highest fixed price offering each month was obtained and each month's lowest or highest price was summed across the year and then divided by 12 to report the average highest or lowest cost of electricity service per month. Prices for renewable product offerings were calculated in the same manner.

AE's GreenChoice® customers pay a renewable energy charge in lieu of a fuel adjustment charge. The price associated with AE's renewable energy charge is dependent upon when the customer enrolled in the program. To date, AE has offered six "batches" of renewable energy each with an associated price to consumers based on AE's cost of purchasing the energy plus additional adders. Batch prices have increased from 1.7 cents per kWh to the current Batch 6 price of 5.7 cents per kWh. Prices associated with each batch are shown in Table 3.

Table 3
Austin Energy GreenChoice® Details

AE GreenChoice® Batch Pricing				
Batch No.	**Cents/kWh**	**No. of Customers Enrolled**	**MW Capacity**	**Offer Dates**
Batch 1	1.70	1,593	61	January 2000-September 2000
Batch 2	2.85	3,555	55	September 2000-November 2003
Batch 3	3.30	905	38	January 2004-April 2005
Batch 4	3.50	1,711	70	June 2005-November 2005
Batch 5	5.50	1,972	60	January 2008-August 2008
Batch 6	5.70	408	165	January 2009-Present

Source: Austin Energy

Residential Electricity Bill Analysis for 2009 and 2010

The following is a summary of the results of this comparative study on pricing of residential electricity service for the first seven months of 2010 and the entire year of 2009.

At the 500 kWh level of usage:

- The total bill for electricity for AE residential customers would have averaged $42 per month for the first seven months of 2010 and each month of 2009 (or $504 per year). This amount was the lowest among the providers included in our analysis. BPUB, San Marcos and at least one REP in Abilene would have provided this level of usage at $50 or less per month in both 2010 and 2009.
- AE's price for renewable energy is also below other provider's electricity bills included in this study. The weighted average monthly bill for AE's GreenChoice® customers would have been $43 per month in 2010 and 2009, based on the weighted average cost of the six batch prices.

- For a new subscriber enrolled at the Batch 6 GreenChoice® price, electricity bills would have averaged $52 per month in 2010 and 2009, an amount lower than renewable pricing from other providers included in this study.

At the 1,000 kWh level of usage:

- The total electricity bill for AE residential customers would have averaged $94 per month for the first seven months of 2010 and $95 per month (or $1,139 per year) for 2009, which is slightly above the monthly bill price that would have been provided by San Macros ($85), NBU ($87), BPUB ($91), and CPS Energy ($92) for residential customers in 2010.
- The weighted average price for renewable energy for AE customers is below that offered by other electric service providers included in this study. The average monthly bill for AE's GreenChoice® customers would have been $98 per month through July 2010 and $97 per month in 2009, based on a weighted average of the six batch prices, an amount lower than the other providers' offers.
- For a new renewable subscriber, the Batch 6 pricing would have been $115 per month for 2010 and 2009, an amount marginally higher than pricing from CPS Energy, BEC, as well as REP offerings in each of the four TDSP service territories analyzed.

At the 1,500 kWh level of usage:

- For the first seven months of 2010, the electricity bill for AE residential customers would have averaged $146 per month, which would have been higher than monthly bill from NBU ($123), San Marcos ($133), CPS Energy ($136), BPUB ($136), and at least one offering in Dallas ($143) and Abilene ($144), but below all REP offerings in the Houston and Corpus Christi retail electric service markets, BEC, PEC, and Entergy Texas.
- AE's total bill for electricity would have averaged $148 per month (or $1,773 per year) for 2009, again higher than the bills from NBU ($119), San Macros ($133), CPS Energy ($137), and BPUB ($141).
- The weighted average price for renewable energy for AE residential customers would have been below all offered by other providers included in this study. The average monthly electricity bill for AE's GreenChoice® customers would have been $151 per month for the first seven months of 2010 and for 2009, based on a weighted average price of the six batches.
- New subscribers to GreenChoice® would sign up for renewable electricity at the Batch 6 price in 2009 and 2010, costing an average of $177 per month for 2010 and $178 per month for 2009. This amount would have been higher than the monthly bills for renewable generation from CPS Energy, BEC, and the lowest pricing available from REPs in each of the four TDSP territories.

At the 2,000 kWh level of usage:

- For the first seven months of 2010, the monthly electricity bill for AE residential customers would have averaged $199, which is above the price provided by NBU ($159),

San Marcos ($177), CPS Energy ($179), BPUB ($179), and at least one REP offer in both Abilene ($186) and Dallas ($189) metro areas. However, AE's price for residential electric service is below the monthly bill price offered by BEC, PEC, Entergy Texas, City of San Marcos, and the lowest fixed price offerings available in Houston and Corpus Christi.

- The total electricity bill for AE residential customers would have averaged $201 per month (or $2,407 per year) in 2009, higher than electricity bills for residential customers in NBU ($154), San Macros ($177), CPS Energy ($182), and BPUB ($187) and as well as the lowest price offering for residential customers by a REP in the Abilene service territory at this level of usage. However, the lowest fixed price offering in the three of the TDSP service territories included in this study would have been higher than AE's prices.
- AE's weighted average batch price for renewable energy would have been among the lowest renewable energy offerings from providers included in this study. The average monthly bill for AE's GreenChoice® customers would have been $208 per month in 2010 and $205 per month in 2009, based on the weighted average price of the six batches. At the Batch 6 price, the cost would have been an average of $240 per month for 2010, which is higher than the cost of a 100% renewable product from CPS Energy ($206), the renewable energy product from BEC ($210) and PEC ($233) and the lowest cost among REP offerings in each of the four TDSP territories.

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Table 4
Year-to-Date Average Monthly Residential Electricity Bills at Different Levels of Energy Usage – Calendar Year 2010 (through July 2010) [1]

Average Monthly All-In Fixed Prices Offering - Calendar Year 2010 (thru July 2010)

City (Service Territory)	Austin (AE)	Elgin (Bluebonnet EC)[4]	Cedar Park (Pedernales EC)[5]	San Antonio (CPS Energy)[6]	Houston (Center Point Energy)			Dallas (Oncor)			Corpus (AEP Texas Central)			Abilene (AEP Texas North)			Brownsville (Brownsville Public Utilities Board)[7]	Beaumont (Entergy Texas)[8]	San Marcos (City of San Marcos Utility Service)[9]	New Braunfels (NBU)[10]
Monthly Usage					**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**				
500 kWh	$42	$63	$73	$49	$61	$54	$69	$57	$49	$68	$63	$55	$71	$59	$49	$70	$47	$56	$43	$51
1,000 kWh	94	109	123	92	113	105	131	106	96	131	117	106	135	109	97	136	91	108	85	87
1,500 kWh	146	155	173	136	168	155	192	158	143	194	174	158	199	162	144	201	135	155	133	123
2,000 kWh	199	200	223	179	222	206	255	209	189	256	231	209	264	214	186	250	179	202	177	159

Average Monthly All-In Fixed "Green" Prices Offering - Calendar Year 2010

City (Service Territory)	Austin (AE)		Elgin (Bluebonnet EC)[4]	Cedar Park (Pedernales EC)[5]	San Antonio (CPS Energy)[6]	Houston (Center Point Energy)			Dallas (Oncor)			Corpus (AEP Texas Central)			Abilene (AEP Texas North)			Brownsville (Brownsville Public Utilities Board)[7]	Beaumont (Entergy Texas)[8]	San Marcos (City of San Marcos Utility Service)[9]	New Braunfels (NBU)[10]
Monthly Usage	Average [2]	Batch 6[3]				**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**				
500 kWh	$43	$52	$66	$75	$56	$66	$57	$74	$61	$52	$70	$68	$59	$76	$64	$55	$72	NA	NA	NA	NA
1,000 kWh	98	115	114	128	105	123	110	141	116	100	135	129	114	148	120	104	139	NA	NA	NA	NA
1,500 kWh	151	177	162	180	156	182	162	208	172	147	200	191	168	220	177	154	206	NA	NA	NA	NA
2,000 kWh	208	240	210	233	206	241	214	276	228	194	266	253	223	292	235	200	256	NA	NA	NA	NA

Lowest priced offering within a usage category

Highest priced offering within a usage category

Source: See Table Notes on pages 47 and 48.
Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

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Table 5
Average Monthly Residential Electricity Bills at Different Levels of Energy Usage – Calendar Year 2009[1]

Monthly Average of All-In Fixed Prices - Calendar Year 2009

City (Service Territory)	Austin (AE)	Elgin (Bluebonnet EC)[4]	Cedar Park (Pedernales EC)[5]	San Antonio (CPS Energy)[6]	Houston (Center Point Energy)			Dallas (Oncor)			Corpus (AEP Texas Central)			Abilene (AEP Texas North)			Brownsville (Brownsville Public Utilities Board)[7]	Beaumont (Entergy Texas)[8]	San Marcos (City of San Marcos Utility Service)[9]	New Braunfels (NBU)[10]
Monthly Usage					**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**				
500 kWh	$42	$64	$74	$51	$66	$56	$76	$63	$52	$74	$67	$56	$76	$60	$50	$69	$49	$56	$44	$49
1,000 kWh	95	110	125	93	124	111	146	118	103	141	126	111	148	113	100	132	95	108	89	84
1,500 kWh	148	157	176	137	185	164	218	175	153	210	189	166	222	169	149	200	141	156	133	119
2,000 kWh	201	203	227	182	245	216	291	232	202	280	251	220	298	224	196	268	187	204	177	154

Monthly Average of All-In Fixed "Green" Prices - Calendar Year 2009

City (Service Territory)	Austin (AE)		Elgin (Bluebonnet EC)[4]	Cedar Park (Pedernales EC)[5]	San Antonio (CPS Energy)[6]	Houston (Center Point Energy)			Dallas (Oncor)			Corpus (AEP Texas Central)			Abilene (AEP Texas North)			Brownsville (Brownsville Public Utilities Board)[7]	Beaumont (Entergy Texas)[8]	San Marcos (City of San Marcos Utility Service)[9]	New Braunfels (NBU)[10]
Monthly Usage	Average[2]	Batch 6[3]				**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**				
500 kWh	$43	$52	$66	$76	$60	$70	$61	$77	$66	$58	$73	$71	$60	$79	$65	$55	$74	NA	NA	NA	NA
1,000 kWh	97	115	115	130	111	131	117	148	124	112	144	135	121	154	124	109	143	NA	NA	NA	NA
1,500 kWh	151	178	164	183	165	195	173	220	184	164	214	201	179	230	184	162	213	NA	NA	NA	NA
2,000 kWh	205	242	213	237	218	258	228	292	244	216	285	267	237	306	245	213	284	NA	NA	NA	NA

Lowest priced offering within a usage category

Highest priced offering within a usage category

Source: See Table Notes on 47 and 48.
Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

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Residential Electricity Bill Analysis for 2007 and 2008

Data presented on the PUCT's website for residential electric service offers in 2007 and 2008 confirms that AE's prices have historically been comparable to or in certain instances lower than the other utilities included in this analysis. The data used for 2007 and 2008 is limited and therefore fewer cities and metropolitan areas were evaluated for this part of the analysis. Table 6 displays monthly total electricity bill comparative pricing data for 2008, while Table 7 shows the same information for 2007.

The following is a summary of the results of this comparative study on pricing of residential electric service for the years of 2007 and 2008.

At the 500 kWh level of usage:

- The total electricity bill for AE residential customers would have averaged $42 per month (or $504 per year) for 2008. This amount is similar to San Marcos ($44) and CPS Energy ($46) but substantially less than the lowest offerings by a REP in each of the four territories (Abilene $61, Dallas $66, Houston $70, Corpus $71) included in this analysis.
- AE residential customers enrolled in the GreenChoice® renewable energy program would have paid $42 per month in 2008 based on the weighted average batch cost in that year, while new enrollees would have paid an average of $51 per month based on the Batch 5 price. The lowest prices available from REPs would have been ranged from the mid-$60's to mid-$70's for fixed priced renewable products.
- The total electricity bill for AE residential customers would have averaged $40 per month (or $475 per year) for 2007, an amount equal to pricing from San Marcos and CPS Energy, and generally $17 to $20 less than the best electricity price offer by an REP included in this analysis.
- AE GreenChoice® renewable energy was favorably priced at $40 per month in 2007 based on the weighted average batch cost in that year. New enrollees would have paid an average of $41 per month based on the Batch 4 price. Both of these prices were at least 50% less than the fixed priced renewable products offered by REPs included in this analysis.

At the 1,000 kWh level of usage:

- The total electricity bill for AE residential customers would have averaged $95 per month for 2008 and $90 per month in 2007. This amount was slightly above prices from CPS Energy and San Marcos in both years and above NBU's monthly bill pricing in 2007. However, it is at least 25% less than prices offered by the REPs included in this analysis.
- The weighted average price of AE GreenChoice® renewable energy electricity bills would have been $96 for 2008 and $90 per month for 2007, which was favorable compared to the Houston ($133), Dallas ($128), Corpus Christi ($132) and Abilene ($137) electricity market prices in 2007. New enrollees would have paid an average of $113 per month in 2008 and $93 per month in 2007 based on Batch 5 and Batch 4 pricing, respectively.

At the 1,500 kWh level of usage:

- AE residential customer electricity bills would have averaged $148 per month for 2008 and $140 per month for 2007. This amount was above prices charged by CPS Energy, San Marcos, NBU, and BPUB, but at least 18% less than prices offered by REPs included in this analysis.
- The weighted average cost of AE GreenChoice® renewable energy electricity bills would have been $149 per month for 2008 and $140 per month for 2007. New enrollees would have paid an average of $175 per month in 2008 and $145 per month in 2007 based on Batch 5 and Batch 4 pricing, respectively. AE's GreenChoice® monthly bill price was favorable compared to the Houston, Dallas, Corpus Christi and Abilene market prices where the lowest price offered for renewable energy averaged $191 for 2007 and $187 per month for 2008.

At the 2,000 kWh level of usage:

- On average, monthly electricity bills for AE residential customers would have been $201 in 2008 and $191 in 2007, prices which were approximately $30 higher than CPS Energy, San Marcos, NBU, and PEC in 2007, but were at least 15% lower than competitive market offers in both years.
- The weighted average AE GreenChoice® renewable energy electricity bills would have been $202 per month in 2008 and $191 per month in 2007, a price considerably below offers available in the four competitive market areas. Customers signing up for GreenChoice® in 2008 would have paid a monthly average of $238, while new customers in 2007 would have paid an average of $198, based on Batch 5 and Batch 4 pricing, respectively.

Table 6
Average Monthly Residential Electricity Bills at Different Levels of Energy Usage – Calendar Year 2008[1]

Monthly Average of All-In Fixed Prices - Calendar Year 2008

City (Service Territory)	Austin (AE)	Elgin (Bluebonnet EC)[4]	San Antonio (CPS Energy)[6]	Houston (Center Point Energy)			Dallas (Oncor)			Corpus (AEP Texas Central)			Abilene (AEP Texas North)			Brownsville (Brownsville Public Utilities Board)[7]	San Marcos (City of San Marcos Utility Service)[9]	New Braunfels (NBU)[10]
Monthly Usage				**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**			
500 kWh	$42	$64	$46	$78	$70	$86	$75	$66	$86	$78	$71	$89	$69	$61	$83	$56	$44	$58
1,000 kWh	95	110	88	153	138	170	144	129	165	153	139	171	134	119	158	110	88	101
1,500 kWh	148	156	131	228	204	255	213	190	245	228	206	257	201	175	240	164	132	144
2,000 kWh	201	202	173	303	270	337	282	251	331	304	273	338	267	230	309	218	176	187

Monthly Average of All-In Fixed "Green" Prices - Calendar Year 2008

City (Service Territory)	Austin (AE)[2]		Elgin (Bluebonnet EC)[4]	San Antonio (CPS Energy)[6]	Houston (Center Point Energy)			Dallas (Oncor)			Corpus (AEP Texas Central)			Abilene (AEP Texas North)			Brownsville (Brownsville Public Utilities Board)[7]	San Marcos (City of San Marcos Utility Service)[9]	New Braunfels (NBU)[10]
Monthly Usage	**Average[2]**	**Batch 5**			**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**			
500 kWh	$42	$51	$66	$53	$81	$75	$86	$77	$71	$86	$81	$76	$86	$73	$67	$78	NA	NA	NA
1,000 kWh	96	113	115	103	157	146	170	148	137	167	157	147	170	141	128	155	NA	NA	NA
1,500 kWh	149	175	164	153	235	217	253	220	202	249	234	218	254	210	187	232	NA	NA	NA
2,000 kWh	202	238	212	203	312	288	337	292	267	331	311	288	338	279	246	309	NA	NA	NA

	Lowest priced offering within a usage category
	Highest priced offering within a usage category

Source: See Table Notes on pages 47 and 48.
Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

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Table 7
Average Monthly Residential Electricity Bills at Different Levels of Energy Usage – Calendar Year 2007[1]

Monthly Average of All-In Fixed Prices - Calendar Year 2007

City (Service Territory)	Austin (AE)	Elgin (Bluebonnet EC)[4]	San Antonio (CPS Energy)[6]	Houston (Center Point Energy)			Dallas (Oncor)			Corpus (AEP Texas Central)			Abilene (AEP Texas North)			Brownsville (Brownsville Public Utilities Board)[7]	San Marcos (City of San Marcos Utility Service)[9]	New Braunfels (NBU)[10]
Monthly Usage				**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**			
500 kWh	$40	$58	$40	$68	$60	$75	$65	$57	$71	$65	$57	$71	$69	$61	$78	$52	$40	$51
1,000 kWh	90	99	79	133	119	147	126	113	137	127	114	139	132	119	146	99	80	88
1,500 kWh	140	140	117	198	178	220	187	169	202	189	170	208	195	176	215	147	120	124
2,000 kWh	191	181	156	263	236	291	249	225	268	251	225	276	259	232	285	194	160	161

Monthly Average of All-In Fixed "Green" Prices - Calendar Year 2007

City (Service Territory)	Austin (AE)		Elgin (Bluebonnet EC)[4]	San Antonio (CPS Energy)[6]	Houston (Center Point Energy)			Dallas (Oncor)			Corpus (AEP Texas Central)			Abilene (AEP Texas North)			Brownsville (Brownsville Public Utilities Board)[7]	San Marcos (City of San Marcos Utility Service)[9]	New Braunfels (NBU)[10]
Monthly Usage	**Average**[2]	**Batch 4**			**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**			
500 kWh	$40	$41	$61	$55	$71	$67	$74	$71	$64	$79	$72	$67	$77	$74	$69	$79	NA	NA	NA
1,000 kWh	90	93	104	109	142	133	150	138	128	151	143	132	154	147	137	158	NA	NA	NA
1,500 kWh	140	145	147	162	212	199	224	205	191	222	214	197	231	219	205	237	NA	NA	NA
2,000 kWh	191	198	191	216	281	265	298	272	254	294	285	263	308	292	272	316	NA	NA	NA

	Lowest priced offering within a usage category
	Highest priced offering within a usage category

Source: See Table Notes on pages 47 and 48.
Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

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Trends in Residential Electricity Bills

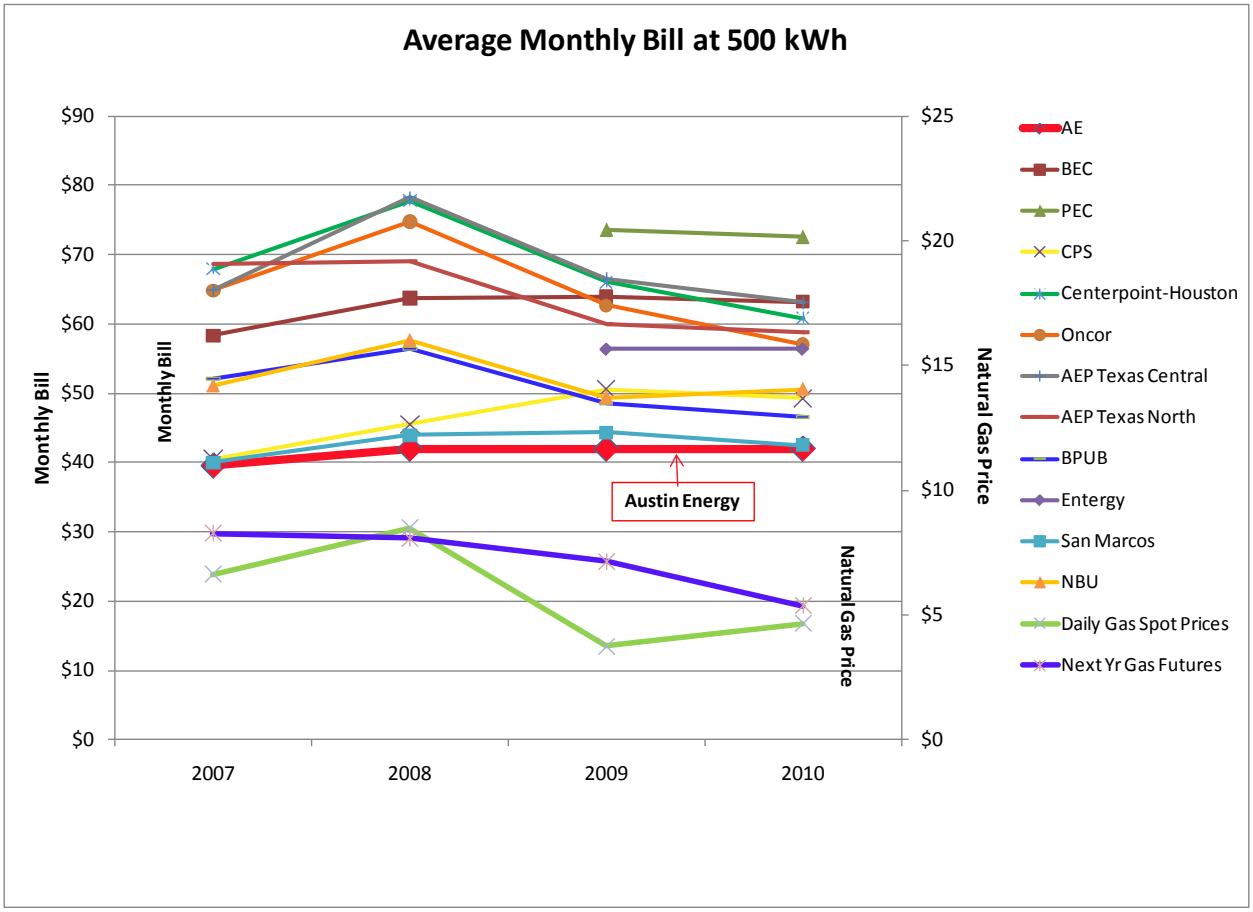
Figures 1 through 4 show pricing trends across the time period of this study (2007 – July 2010) at the four selected energy usage levels. At all usage levels, it appears that prices are converging over time. The figures also plot historic natural gas futures prices for the appropriate time period, showing a drop from approximately $8 per million British Thermal Units ("MMBtu") in 2008 to a price in the $5 per MMBtu range in 2010. Figures 1 through 4 have two vertical axis, the left side axis shows the dollar amount of the monthly bills, while the right side axis displays natural gas prices.

The current trend in natural gas prices appears to be highly correlated with the decline in electricity bills from REPs in 2009 and 2010, as shown in the figures below. AE met 27.8% of its energy needs directly from its natural gas facilities and an additional 9.7% of its energy needs through purchased power derived predominantly from natural gas-fired power generation facilities in Fiscal Year 2009. The ERCOT region met 42% of its energy needs from natural gas-fired generation facilities.[4] Therefore, AE's generation mix is less reliant on gas-fired capacity than the ERCOT overall generation mix. ERCOT's reliance on natural gas generation makes most retail rates in ERCOT sensitive to natural gas price movements. The relationship between natural gas prices and retail electricity prices is exhibited by the rise in providers' rates that occurred in 2008 when natural gas prices rose, as well as the decline in residential prices in 2009 and 2010 as natural gas prices fell. In contrast, AE's diverse fuel mix and fuel hedging program help minimize short-term volatility while reducing the impact of future increase in natural gas prices.

However, the current decline in gas prices that may be attributed in part to the overall recessionary economy, which in turn has led to flat or declining energy usage, provides short-term price advantages to many other providers, while having less impact on AE's prices. Natural gas prices have continued to decline over the last few months (August-September 2010) since the data period of this study (through July 2010) and prior to the release of this report (October 2010). At any point in time an individual can compare current offerings to AE prices at the powertochoose.org website. The methodology used in this report is intended to provide a comparison of prices to the way in which AE prices electricity service. Short-term price changes due to volatility in natural gas prices and other factors that affect pricing may become less pervasive in a study that looks at longer periods of time, such as averages over the course of a year. This is more analogous to the way in which AE prices electricity. This analysis is intended to be replicable on an ongoing basis so that continuing long term pricing trends can be evaluated and compared with AE prices.

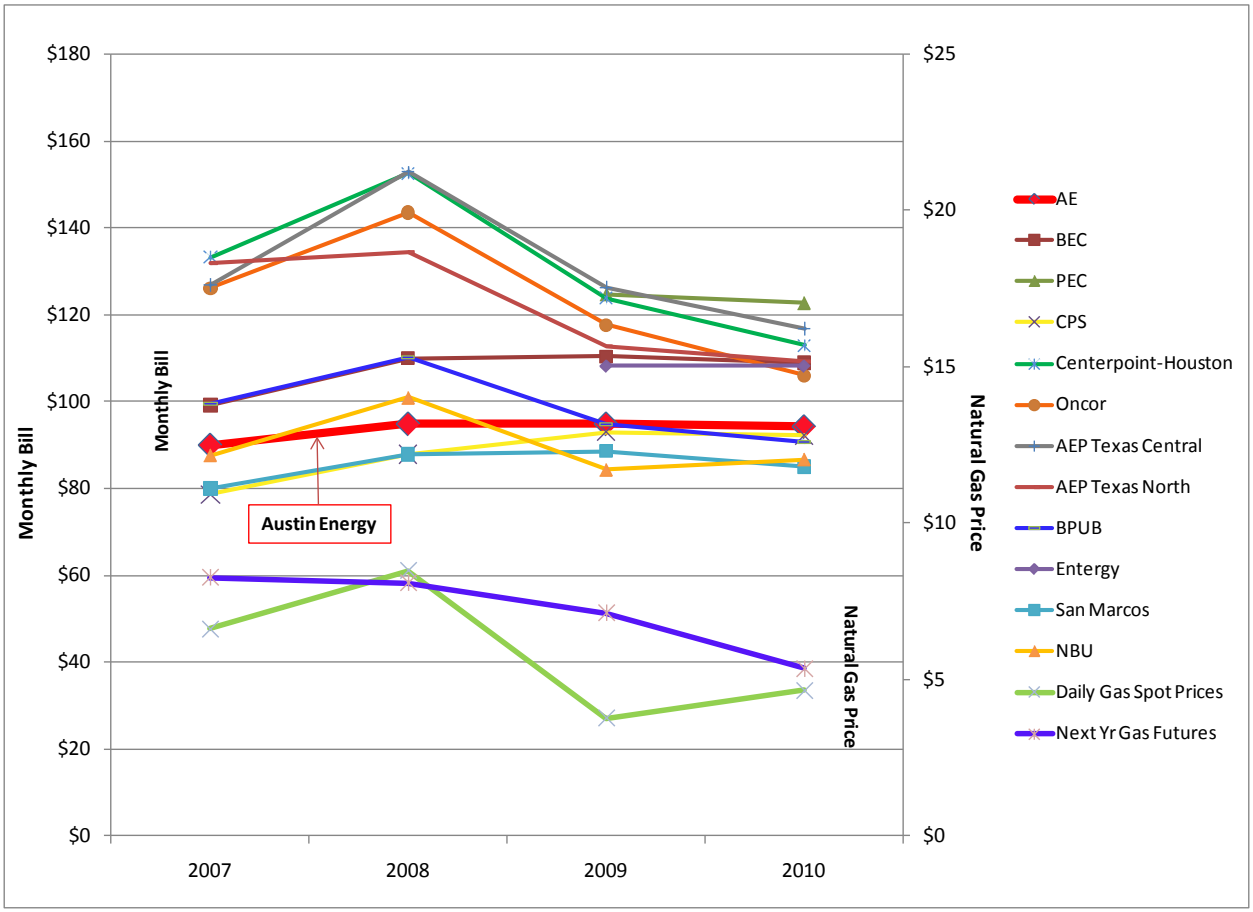
[4] http://www.ercot.com/content/news/presentations/2010/ERCOT%20Quick%20Facts%20-%20July%202010.pdf

Figure 1
Residential Electricity Bill Price Trends for 500 kWh Usage



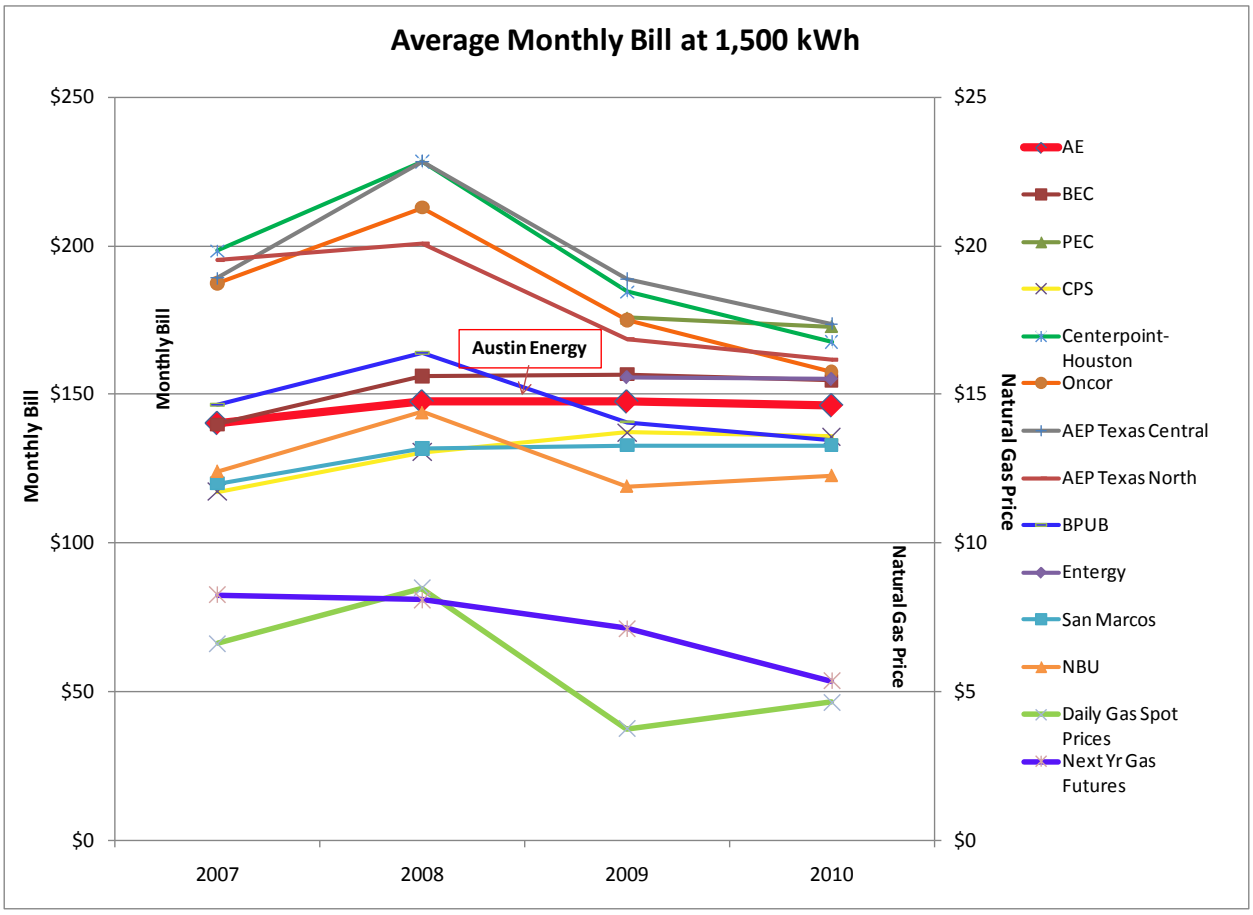
Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

Figure 2
Residential Electricity Bill Price Trends for 1,000 kWh Usage



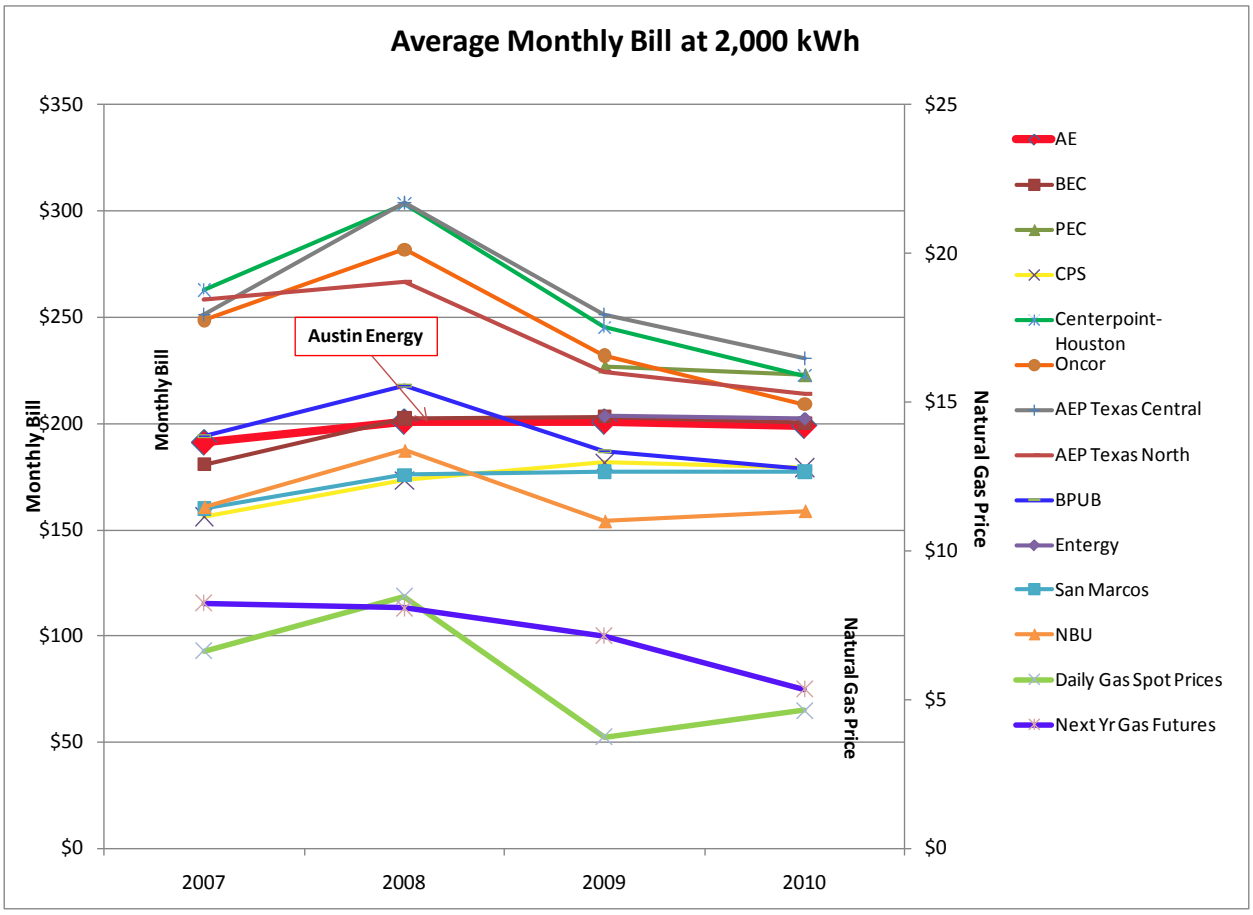
Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

Figure 3
Residential Electricity Bill Price Trends for 1,500 kWh Usage



Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

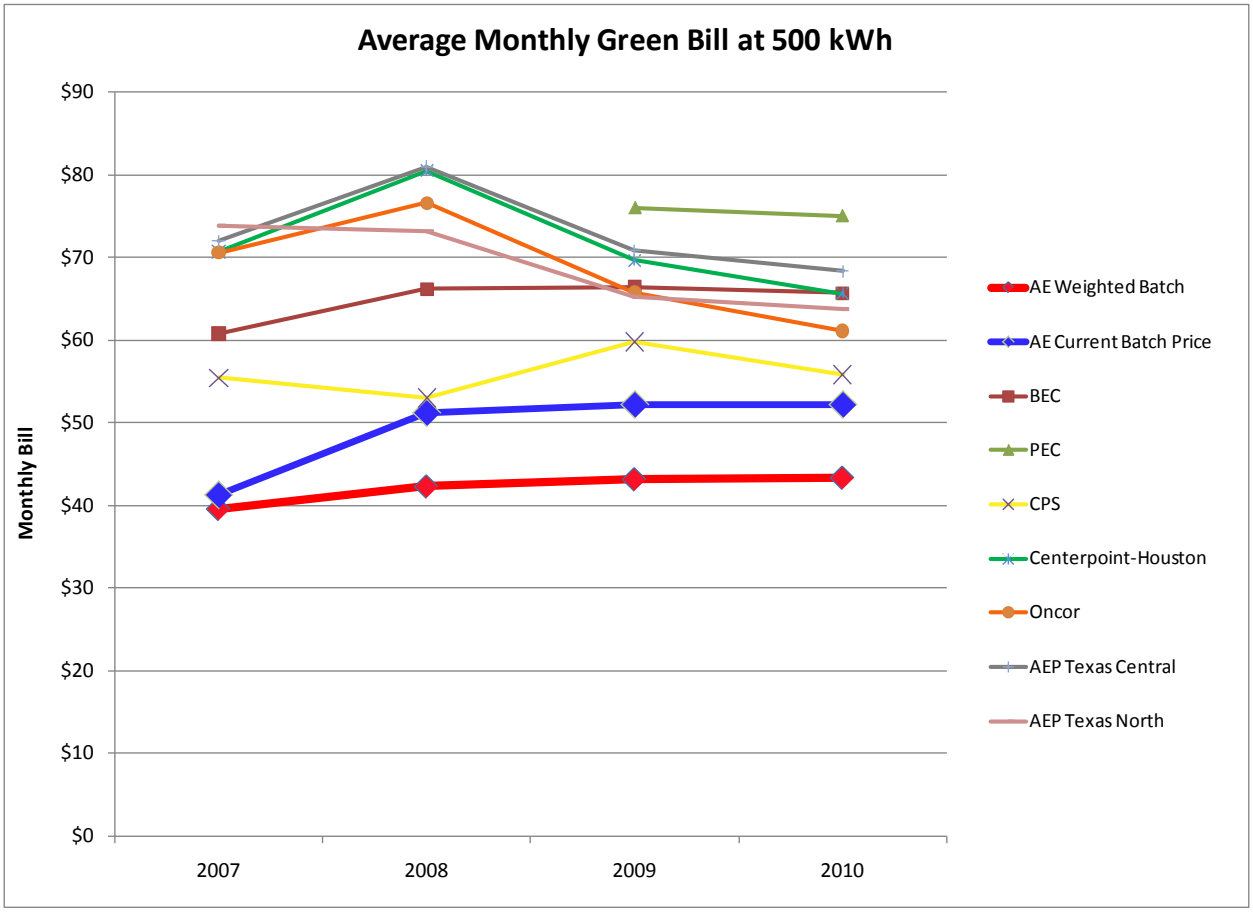
Figure 4
Residential Electricity Bill Price Trends for 2,000 kWh Usage



Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

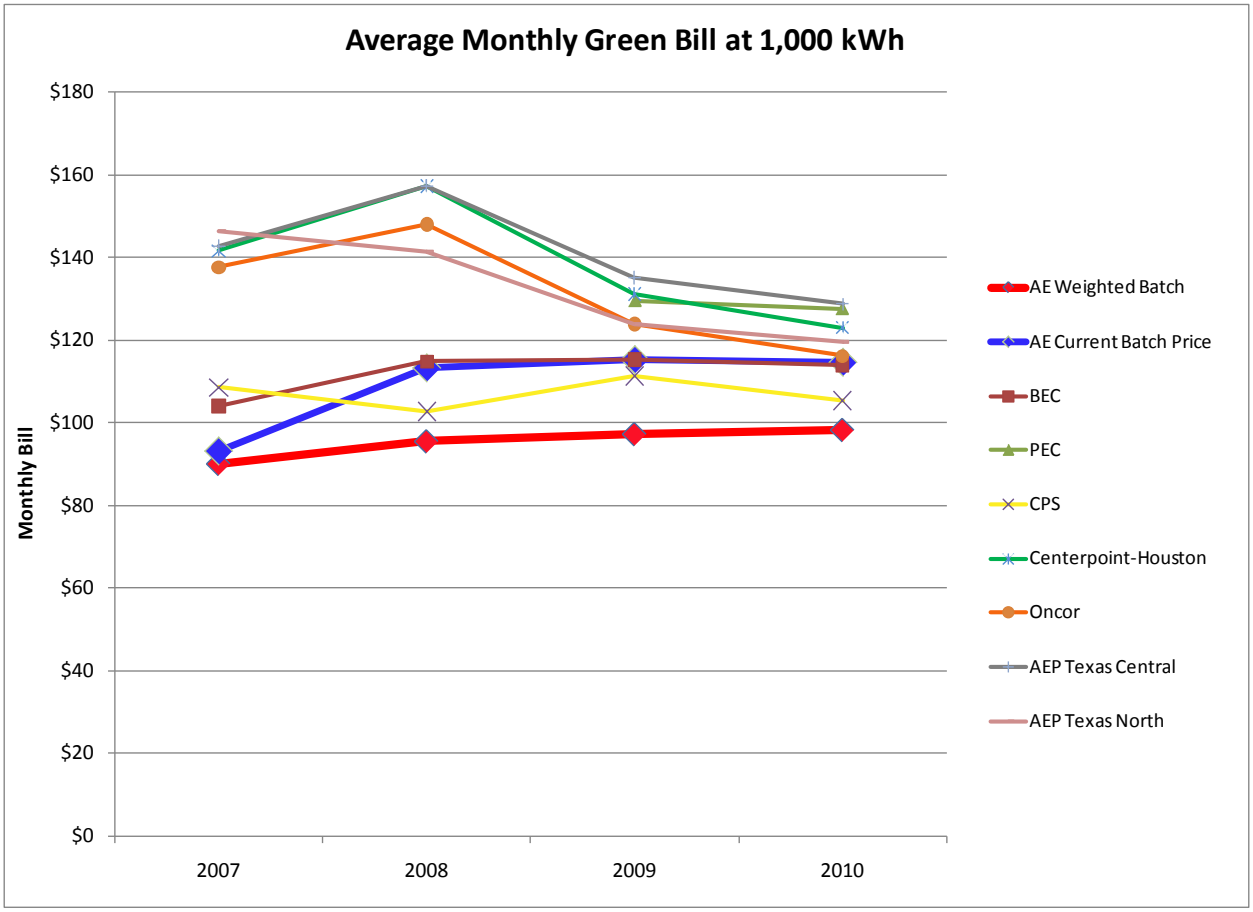
Figures 5 through 8 show renewable energy pricing trends across the time period of this study (2007 – July 2010) at the four selected usage levels. At most usage levels, it appears that prices have been converging over time.

Figure 5
Residential Electricity Price Trends for Green Bills at 500 kWh Usage



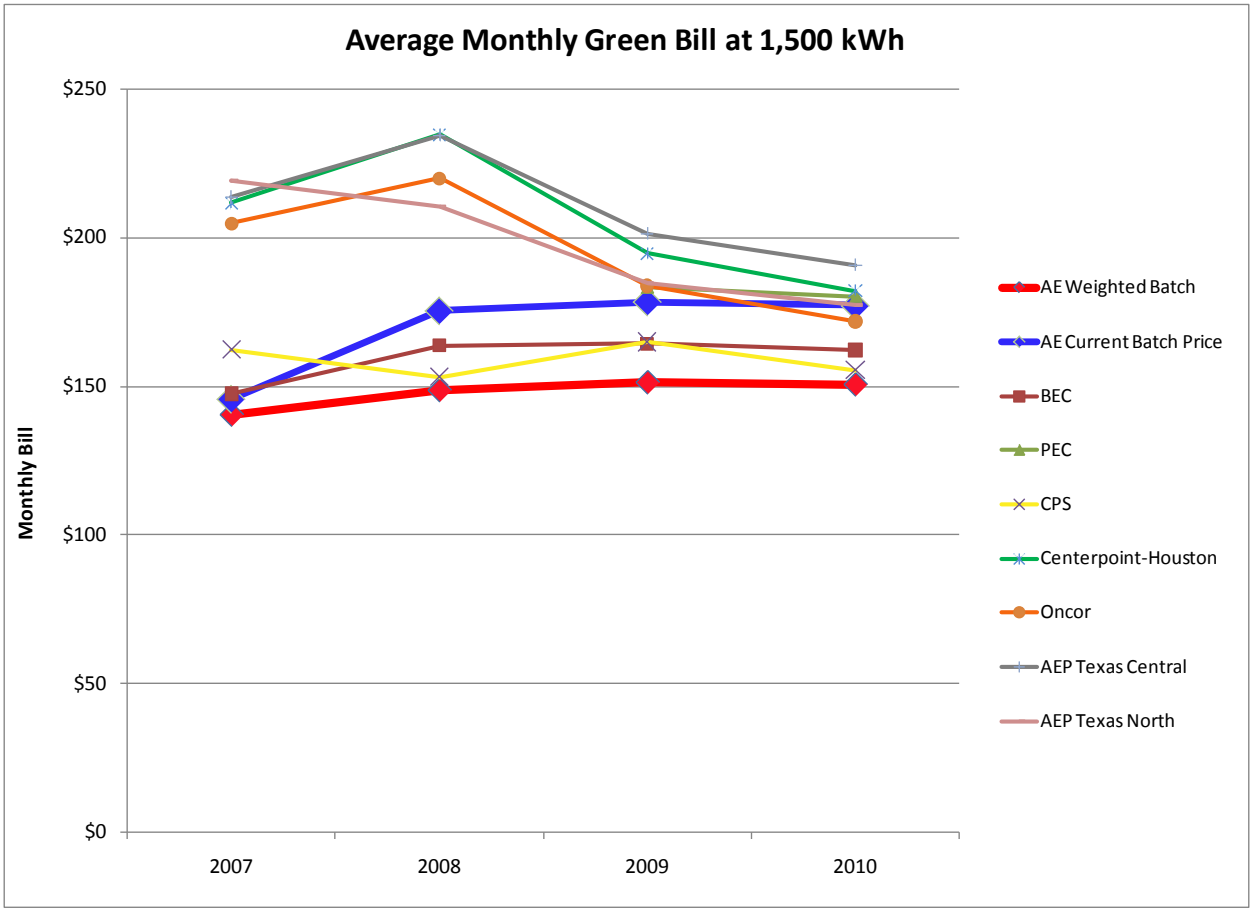
Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

Figure 6
Residential Electricity Price Trends for Green Bills at 1,000 kWh Usage



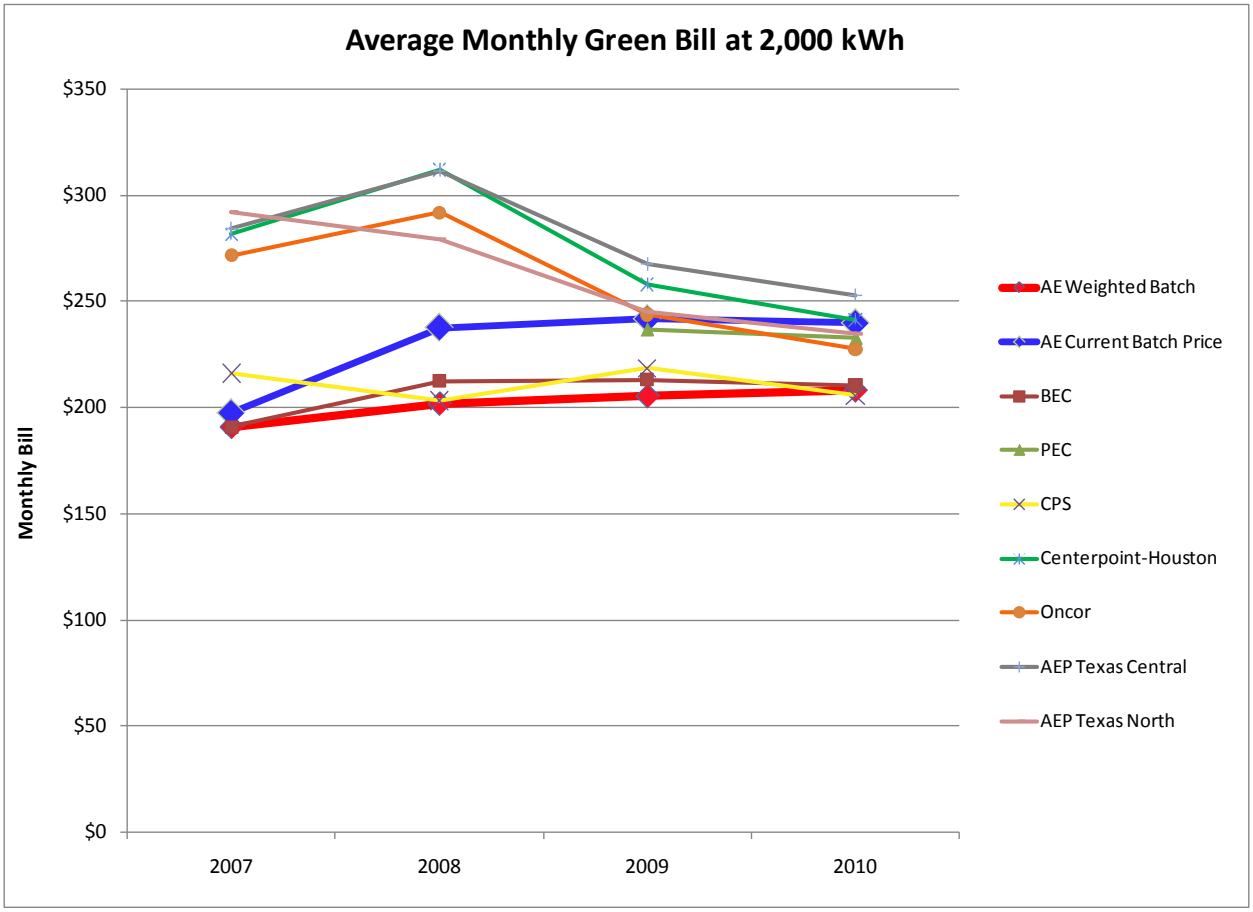
Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

Figure 7
Residential Electricity Price Trends for Green Bills at 1,500 kWh Usage



Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

Figure 8
Residential Electricity Price Trends for Green Bills at 2,000 kWh Usage



Source: Retail Electric Providers data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month. For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill. Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

Residential Electricity Bill Seasonal Pricing Analysis

Table 8 displays differences in seasonal pricing for selected utilities and REPs for 2009, by means of showing residential electricity bills for January and July at four usage levels (500 kWh, 1,000 kWh, 1,500 kWh, and 2,000 kWh). Several utilities in non-competitive markets, including AE and CPS Energy, have higher prices during the summer months to more accurately reflect the higher cost of energy for a summer peaking system. Therefore, it is important to evaluate these differences in seasonal pricing by comparing prices in an individual summer and winter month.

In 2009, fixed price contracts from REP's were higher in January than in July. This could be due to a number of reasons including the price of natural gas futures at the time of contracting which is often higher in winter months due to the level of demand for space heating and anticipation of higher energy prices in the upcoming summer peak season. Once warm weather has arrived, which often occurs prior to June in Texas, the market tends to see a sufficient supply of both generation assets and fuel to meet the increased demands on the system and the effect of anticipatory price increases are often removed.

Table 8
Seasonal Monthly Residential Electricity Bills at Different Levels of Energy Usage – Calendar Year 2009[1]

All-In Fixed Prices For January and July 2009

City (Service Territory)	Austin (AE)		Elgin (Bluebonnet EC)[4]		Cedar Park (Pedernales EC)[5]		San Antonio (CPS Energy)[6]		Houston (Center Point Energy)						Dallas (Oncor)						Corpus (AEP Texas Central)						Abilene (AEP Texas North)						Brownsville (Brownsville Public Utilities Board)[7]		Beaumont (Entergy Texas)[8]		San Marcos (City of San Marcos Utility Service)[9]		New Braunfels (NBU)[10]	
									Average		Lowest		Highest		Average		Lowest		Highest		Average		Lowest		Highest		Average		Lowest		Highest									
Monthly Usage	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**
500 kWh	$42	$42	$64	$64	$74	$74	$51	$51	$73	$63	$61	$55	$88	$69	$71	$60	$58	$50	$89	$69	$75	$64	$62	$55	$92	$69	$67	$57	$53	$50	$83	$67	$54	$48	$56	$56	$44	$44	$48	$53
1,000 kWh	90	99	110	110	125	125	91	98	141	118	121	109	175	135	134	114	116	99	166	135	144	121	123	109	174	137	127	108	106	99	153	134	105	94	108	108	89	89	81	91
1,500 kWh	139	157	157	157	176	176	132	148	211	175	182	162	264	201	198	170	174	148	252	202	214	181	185	164	269	206	189	162	159	145	238	201	156	139	151	160	133	133	114	129
2,000 kWh	187	214	203	203	227	227	173	198	280	233	242	215	358	267	258	226	232	196	309	268	285	241	244	218	364	274	251	215	209	191	322	268	207	185	195	212	177	177	147	167

All-In Fixed "Green" Prices for January and July 2009

City (Service Territory)	Austin (AE)[2]		Elgin (Bluebonnet EC)[4]		Cedar Park (Pedernales EC)[5]		San Antonio (CPS Energy)[6]		Houston (Center Point Energy)						Dallas (Oncor)						Corpus (AEP Texas Central)						Abilene (AEP Texas North)						Brownsville (Brownsville Public Utilities Board)[7]		Beaumont (Entergy Texas)[8]		San Marcos (City of San Marcos Utility Service)[9]		New Braunfels (NBU)[10]	
									Average		Lowest		Highest		Average		Lowest		Highest		Average		Lowest		Highest		Average		Lowest		Highest									
Monthly Usage	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**	**Jan '09**	**July '09**
500 kWh	$43	$43	$66	$66	$76	$76	$60	$60	$75	$69	$64	$61	$86	$75	$71	$64	$63	$57	$83	$71	$77	$69	$69	$60	$87	$77	$75	$64	$67	$54	$88	$70	NA	NA	NA	NA	NA	NA	NA	NA
1,000 kWh	93	102	115	115	130	130	109	116	142	129	127	116	169	144	135	120	121	109	163	139	147	133	137	119	173	149	142	122	121	107	176	139	NA	NA	NA	NA	NA	NA	NA	NA
1,500 kWh	142	160	164	164	183	183	160	175	212	191	191	170	252	213	200	179	180	160	244	208	220	198	206	176	260	221	212	181	175	161	264	209	NA	NA	NA	NA	NA	NA	NA	NA
2,000 kWh	192	219	213	213	237	237	210	235	282	254	254	224	336	283	266	237	238	211	325	277	292	263	271	233	347	293	281	241	229	214	352	279	NA	NA	NA	NA	NA	NA	NA	NA

Lowest priced offering within a usage category

Highest priced offering within a usage category

Source: See Table Notes on pages 47 and 48.
Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

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Residential Electricity Bill Analysis for Those Receiving Low-Income Assistance

REPs offer a discount program, *Lite-Up Texas*, to low-income customers in competitive electric service territories during the months of May through September. Under a confidentiality agreement, the Texas Department of Human Services ("TDHS") provides the names and addresses of clients receiving food stamps and medical benefits to the Low-Income Discount Administrator ("LIDA"). LIDA then matches the TDHS data with a database of residential service addresses maintained by ERCOT. LIDA forwards address matches to the appropriate retail electric providers so they can apply the discount to the customer's bill. Persons who receive no benefits from a state agency, but qualify under the income guidelines, may enroll with LIDA. The REPs provide the bill discount to customers, but are compensated through funds provided by the System Benefit Charge on electricity bills. Texas' restructuring legislation authorized this System Benefits Charge, a non-by-passable fee of up to 65 cents per MWh to fund low-income rate assistance and energy efficiency that is charged to all REP customers.

The data for AE in Tables 9 and 10 below represents discounts provided to low-income customers through AE's Customer Assistance Discount Program. Discounts provided by this program include the waiving of AE's $6.00 per month customer charge and charging the Batch-1 GreenChoice® charge in lieu of the fuel charge. This amounts to an average monthly discount of $26 for a customer using 1,000 kWh a month on average. Additional discounts on the City of Austin utility bill are provided through this program, amounting on average to an additional $22.71 in discounts. These additional discounts were not included in this analysis because they are not directly related to electric service. Other programs included in the City of Austin's extensive Customer Assistance Program are designed to provide assistance to customers in the areas of financial assistance, energy efficiency improvements, and water conservation. Only direct discounts under AE's Customer Assistance Discount Program are included in this analysis.

Low-income assistance in other non-competitive markets is typically offered via direct monetary assistance, which is often administered by a third-party. Examples of programs include:

- CPS Energy's Residential Energy Assistance Partnership (REAP) helps elderly, disabled and low-income customers with small children pay their energy bills. REAP recipients are eligible for aid twice a year—once during the heating season and again during the cooling season. Along with a credit on their CPS Energy utility bill, customers receive information about CPS Energy programs on weatherization and low-cost/no-cost energy efficiency advice.
- NBU's utility bill assistance program is managed by the Salvation Army of Comal County.
- The Texas Department of Housing and Community Affairs offers the Comprehensive Energy Assistance Program to assist low-income households meet immediate energy needs and offers assistance in helping them control energy costs. This program is administered through local service organizations.

Low-Income Home Energy Assistance Program (LIHEAP) funds are also available to low-income customers in Texas. Fiscal Year 2010 LIHEAP appropriations include $210,500,000 in funding for the state of Texas. LIHEAP funds are allocated to each state and administered locally. It provided financial assistance to 149,700 households in Texas in 2009, an average benefit of $479 per household served in 2009. Eligibility for this program is based on household income; participation in certain Federal programs such as SNAP (Food Stamps) and Medicaid frequently provides automatic enrollment in energy assistance programs. LIHEAP provides bill payment assistance and energy crisis assistance directly to low-income households and as such this assistance is not reflected in Table 9.

Monthly electricity bills for qualifying low-income customers of AE and selected REPs within four TDSPs are shown in Tables 9 and 10. During the summer months, the cost savings from AE's program and *Lite-Up Texas* result in similarly priced bills as demonstrated in Table 9, which displays the cost of one month's electricity bill during the summer months (May through September) of 2009.

A high level review of other utilities and REPs showed that several REPs offer assistance to their customers in addition to the *Lite-Up Texas* program. These programs include:

- TXU Energy offers a year-round program to assist its low-income customers by providing a 10 percent discount to qualified customers. Because TXU Energy provides this discount to approximately 135,000 customers in all competitive areas of Texas (that is in all five TDSP markets) it is impractical to estimate the price impact in any specific city. However, the estimated impact of a 10 percent discount each month throughout the year is shown in Tables 9 and 10.
- In 2010, Reliant Energy announced a low-income assistance program for the July through September time period that includes a voluntary moratorium on electrical disconnects and provides $800,000 of funding to help pay electricity bills through the Community Assistance from Reliant Energy (CARE) program.
- Green Mountain Energy Company offers a summer bill payment assistance program for its low-income residential electricity customers in Texas, allowing them to pay their summer electricity charges over a four month deferred payment plan beginning in October.

Because AE offers the low-income assistance pricing on a year-round basis, as opposed to discounts only during the summer months, AE provides greater benefits to low-income customers on an annual basis. Table 10 demonstrates a monthly bill for AE customers and *Lite-Up Texas* customers on an average annualized basis.

For low-income customers in 2009:

- The average monthly electricity bill for an AE residential customer receiving customer assistance at the 500 kWh usage level would have been $26 compared to the lowest fixed price offerings from REPs included in this analysis ranging from a price of $44 in Abilene to $50 per month in Houston.

- At the 1,000 kWh usage level, the average monthly electricity bill for an AE residential customer receiving customer assistance would have been $69 per month, while prices range between $89 and $98 among lowest priced offerings from REPs included in this analysis.
- The average monthly electricity bill for an AE residential customer receiving customer assistance at 1,500 kWh of usage would have been $112 compared to the lowest fixed price available in Abilene of $131.
- The average monthly electricity bill for an AE residential customer receiving customer assistance at the 2,000 kWh usage level would have been $156, equal to the lowest *Lite-Up Texas* prices assuming a 10 percent discount.

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Table 9
Monthly Summer Bill for Low-Income Customers [11] – Calendar Year 2009

City (Service Territory)	Austin (AE)	Houston (Center Point Energy) [12]			Dallas (Oncor) [12]			Corpus (AEP Texas Central) [12]			Abilene (AEP Texas North) [12]			10% REP Discount
Monthly Usage		**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Discount off of lowest REP/TDSP Price**
500 kWh	$26	$48	$40	$55	$46	$36	$55	$48	$38	$54	$44	$36	$53	$32
1,000 kWh	74	87	77	106	85	70	106	89	77	107	82	72	103	63
1,500 kWh	121	130	114	157	126	104	158	134	114	161	122	105	155	94
2,000 kWh	169	172	150	209	167	138	209	178	152	215	163	139	207	124

Table 10
Average Annualized Monthly Bill for Low-Income Customers – Calendar Year 2009

City (Service Territory)	Austin (AE)	Houston (Center Point Energy)[12]			Dallas (Oncor)[12]			Corpus (AEP Texas Central) [12]			Abilene (AEP Texas North) [12]			10% REP Discount
Monthly Usage		**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Average**	**Lowest**	**Highest**	**Discount off of lowest REP/TDSP Price**
500 kWh	$26	$59	$50	$70	$57	$46	$68	$60	$49	$69	$54	$44	$64	$40
1,000 kWh	69	111	98	133	105	91	128	113	98	134	101	89	121	80
1,500 kWh	112	165	144	198	156	134	191	168	146	202	151	131	182	118
2,000 kWh	156	219	190	264	207	177	225	224	193	271	201	173	245	156

	Lowest priced offering within a usage category
	Highest priced offering within a usage category

Source: See Table Notes on pages 47 and 48.
Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

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Residential Bills Comparison Findings

As previously described under the Methodology section, two different methodologies were used to determine representative values for residential customer bills. These methodologies were:

- PUCT data
- Published utility tariffs

In summary, AE's residential electricity bills are comparable to the other cities in Texas, including major metropolitan areas of Dallas, Houston, and San Antonio.

In comparison to the other cities included in this analysis, AE's residential bills are the most favorable at lower usage levels, particularly at 500 kWh monthly usage. This is due to some extent to AE's tiered rate structure that provides a lower base rate for the first 500 kWh of monthly electricity usage.

Across the U.S., 1,000 kWh is generally viewed as the typical residential average monthly usage with residential usage in Texas averaging 1,130 kWh per month according to the Department of Energy.[5] As such, Table 11 provides a side-by-side comparison of representative monthly customer bills at the 1,000 kWh usage level over the time period of 2007 through the first seven months of 2010.

As displayed in the table below, the estimated monthly bills for the NBU, CPS Energy, BPUB, and AE would have been among the lowest in 2010, as well as in the prior years. Even the least expensive REP prices in each of the four TDSP territories would have been among the highest prices in 2007 and 2008; however, these prices have moderated significantly in 2009 and 2010 due in part to the moderation of natural gas prices. AE would also have been among the lowest priced renewable offerings over the time period of this study.

[5] http://www.eia.doe.gov/ask/electricity_faqs.asp

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Table 11
Average Monthly Bill at 1,000 kWh

City (Service Territory)	Austin (AE)	Elgin (BEC)	Cedar Park (PEC)	San Antonio (CPS Energy)	Houston (Center Point Energy)	Dallas (Oncor)	Corpus (AEP Texas Central)	Abilene (AEP Texas North)	Brownsville (BPUB)	Beaumont (Entergy Texas)	San Marcos (City of)	New Braunfels (NBU)
Year					**Lowest REP Price**	**Lowest REP Price**	**Lowest REP Price**	**Lowest REP Price**				
2010 (through July)	$94	$109	$123	$92	$105	$96	$106	$97	$91	$108	$85	$87
2009	95	110	125	93	111	103	111	100	95	108	89	84
2008	95	110	NA	88	138	129	139	119	110	NA	88	101
2007	90	99	NA	79	119	113	114	119	99	NA	80	88

Green Pricing- Average Monthly Bill at 1,000 kWh

	Austin (AE)	Elgin (BEC)	Cedar Park (PEC)	San Antonio (CPS Energy)	Houston (Center Point Energy)	Dallas (Oncor)	Corpus (AEP Texas Central)	Abilene (AEP Texas North)	Brownsville (BPUB)	Beaumont (Entergy Texas)	San Marcos (City of)	New Braunfels (NBU)
					Lowest REP Price	**Lowest REP Price**	**Lowest REP Price**	**Lowest REP Price**				
2010 (through July)	$98	$114	$128	$105	$110	$100	$114	$104	NA	NA	NA	NA
2009	97	115	130	111	117	112	121	109	NA	NA	NA	NA
2008	96	115	NA	103	146	137	147	128	NA	NA	NA	NA
2007	90	104	NA	109	133	128	132	137	NA	NA	NA	NA

Source: Tables 4, 5, 6 and 7 above
Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

	Lowest priced offering within a usage category
	Highest priced offering within a usage category

Residential Bills Conclusions

The findings of this analysis indicate that AE's residential monthly bills are comparable to, and in many instances lower than, bills from other electric providers in Texas. Results at the 1,000 kWh usage level are shown in Figures 9 and 10 below. Details include:

For 2010:

- AE's representative bill ($94) would have been 6 percent lower than the average for the other utilities included in this study ($100).
- AE's representative GreenChoice® bill weighted average bill ($98) would have been 13 percent less than the average for the other utilities ($111), while the Batch 6 priced bill ($115) would have been 4 percent higher than the average.

For 2009:

- AE's representative bill ($95) would have been 8 percent lower than the average of the lowest REP price in each TDSP and pricing offered by other utilities included in this study ($103).
- AE's representative GreenChoice® bill weighted average bill ($97) would have been 20 percent less than the average of the lowest REP price in each TDSP and pricing offered by other utilities ($116), while the Batch 6 priced bill ($115) would have been 1 percent lower than the average.

For 2008:

- AE's representative bill ($95) would have been 20 percent lower than the average for the other utilities included in this study ($113).
- AE's representative GreenChoice® bill weighted average bill ($96) would have been 35 percent less than the average for the other utilities ($129). While the Batch 5 priced bill ($113) would have been 15 percent lower than the average.

For 2007:

- AE's representative bill ($90) would have been 12 percent lower than the average for the other utilities included in this study ($101).
- AE's representative GreenChoice® bill weighted average bill ($90) would have been 38 percent less than the average for the other utilities ($124). While the Batch 4 priced bill ($93) would have been 33 percent lower than the average.

Figure 9
Residential Monthly Bill Comparison at 1,000 kWh
(2007 – 2010)

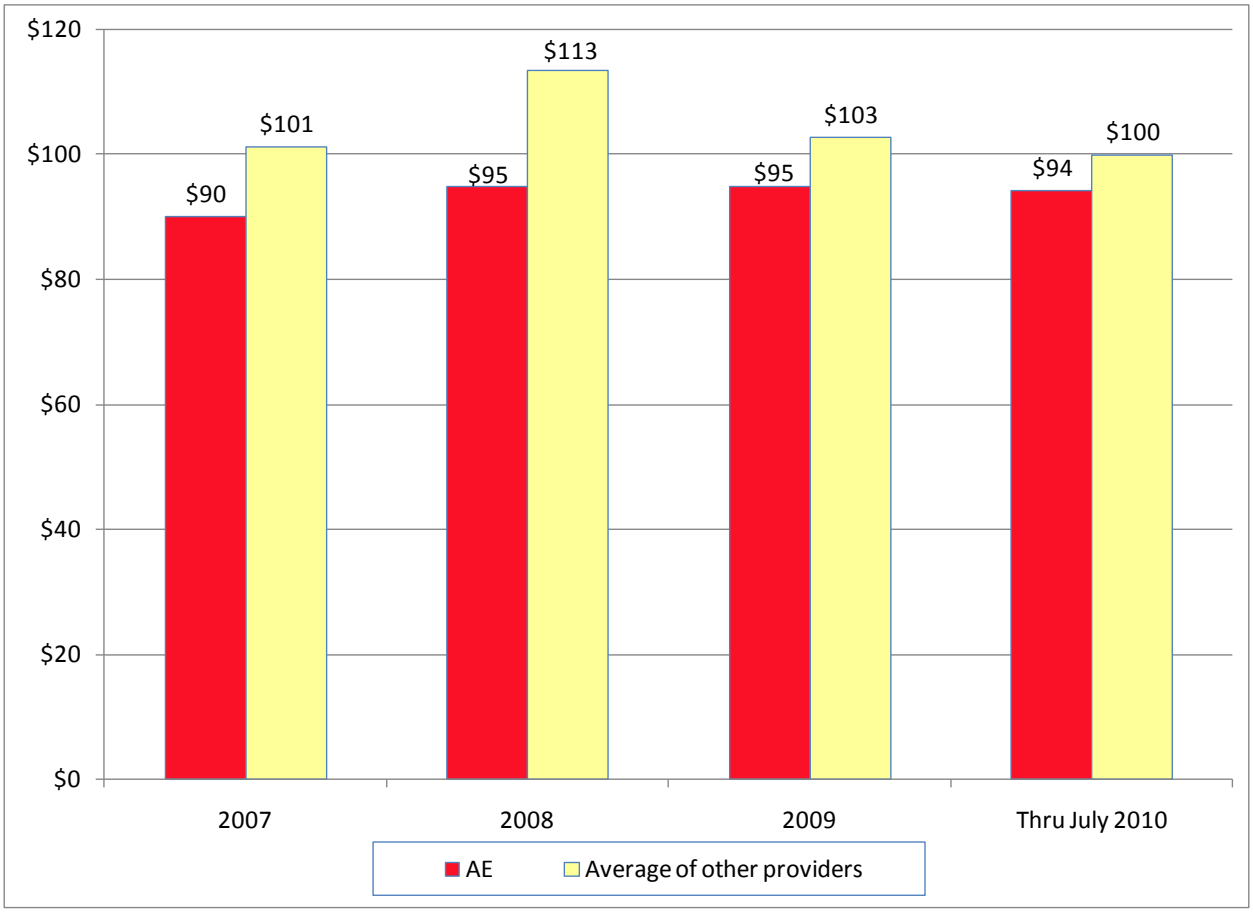

Figure 10
Residential Monthly Green Bill Comparison at 1,000 kWh
(2007 – 2010)

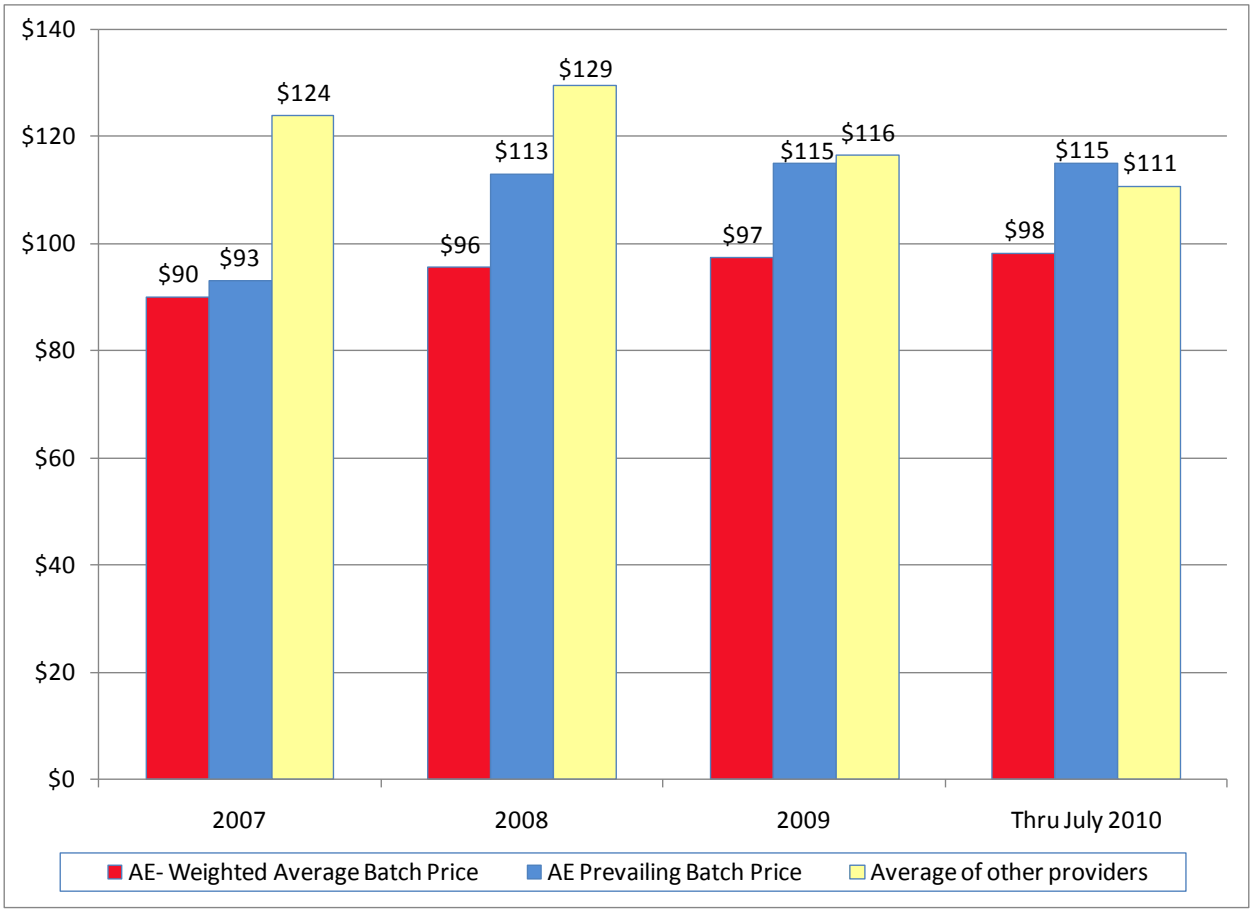

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Table Notes

[1] For the Retail Electric Providers, data provided by the Public Utility Commission of Texas "Bill Comparison, Monthly Bill" (http://www.puc.state.tx.us/electric/rates/RESbill.cfm) was used to obtain an electricity rate total bill offering price for selected service providers and programs for each month of 2007, 2008, 2009 and the first seven months of 2010. This data is provided at four usage levels (500 kWh, 1,000 kWh, 1,500 kWh, and 2,000 kWh). Service offerings for which the respective "Electricity Facts Label" indicated fixed price service were included in the analysis. For program offerings in 2007, 2008, and 2009 that were not offered in June 2010 and hence no longer have an Electricity Facts Label posted on the service providers' website, the program name was used to classify offerings as fixed price. Variable and indexed price offering were not included in this analysis, nor were any offerings that were reported as the REP's name exclusively (i.e., did not also include a program name). Reasonable efforts were made to insure the accuracy of the data included in the analysis, however, due to the volume of data and imperfect knowledge of the offerings, replication of these results may be problematic.

The above "all-in" fixed prices reflect a monthly average of the fixed rate bills for each month of 2007, 2008, and 2009, respectively and totaled across the year in each of four TDSPs – Oncor Electric Delivery (formerly TXU), CenterPoint Energy Houston Electric (formerly Reliant Energy HL&P), AEP Texas Central (formerly Central Power and Light) and AEP Texas North (formerly West Texas Utilities) and divided by 12.

Similarly, the all-in fixed green prices for REPs is the monthly average of fixed priced green program offerings, totaled across the year within each of the four service territories and divided by 12 to obtain a monthly average electricity bill. Fixed price green offers included in this analysis may incorporate products that offer less than 100% renewable energy.

The "lowest" and "highest" data reflects the lowest and highest fixed rate price, respectively, each month totaled across the year and then divided by 12 to obtain an average lowest and highest monthly cost. Offerings using a naming convention that included the term green, pollution free, renewable, wind, or earthwise were classified as "green" offerings.

For service providers in non-competitive areas, published tariff rates were used to calculate a representative bill for each of the four usage levels (500 kWh, 1,000 kWh, 1,500 kWh, and 2,000 kWh) including fixed charges such as a monthly service fee and all applicable variable costs, based on data availability.

[2] AE "Green" prices based on the weighted average cost of Batches 1-6; 2010 = $0.03931, 2009 = $0.03893, 2008 = $0.03718, 2007 = $0.03170.

[3] AE "Green" prices based on the Batch 6 cost ($0.0570/kWh), the cost for new enrollees in 2009 and 2010. Batch 5 cost was $0.0550 and Batch 4 Cost was $0.0350.

[4] Bluebonnet EC prices were based on a wholesale power charge of $0.080353/kWh. A Power Cost Recovery Factor (PCRF) of $0.0013/kWh was used for 2007, a PCRF of $0.0121/kWh was used for 2008, and a PCRF of $0.0125/kWh was used for 2009 and January – May of 2010. As of June 2010, a PCRF of -$0.005/kWh was used.

[5] PEC prices are based on rates as of August 2009. PEC prices include a Power Cost Adjustment Factor of -$0.002/kWh for 2009 and January – May of 2010; as of June 2010 PCAF of -$0.007/kWh was used.

[6] CPS Energy"green" price based on assumption of 100% renewable. Fuel factor and regulatory adjustment factor averages 2010= $0.02054; 2009=$0.01867; 2008=$0.01781; and 2007 =$0.00967 as provided by the CPS Energy web site and information from Norma Soliz, CPS Energy.

[7] Brownsville PUB price includes base rate of $0.04708/kWh, a monthly customer charge of $5.53 for January – September 2007 and $2.53 from October 2007 through May 2010, fuel adjustment factor

averages 2010= $0.03800; 2009=$0.04508; 2008=$0.06063; and 2007 =$0.04754 as provided by the BPUB website and information from Ruben Lozano, BPUB.

[8] Entergy Texas prices based on Residential Service Rate Schedule effective January 28, 2009. Customer charge=$4.57 per month; Energy charge=$0.04894/kWh (except usage over 1,000 kWh during the winter is charged at $0.03232/kWh), Fuel adjustment = $0.0547115. Data from following urls:

http://www.entergy-texas.com/content/price/tariffs/eti_rs.pdf

http://www.entergy-texas.com/content/price/fuel/fa-tx-ff.pdf

[9] City of San Marcos prices include base rate of $0.019/kWh and Power Cost Recovery Factor (PCRF) of $0.06601/kWh in 2010, $0.06964/kWh in 2009, $0.06890 in 2008 and $0.06100 in 2007.

[10] NBU bill calculated using base rates as of March 2009; 2010 prices include an average PCRA of $0.01427/kWh; 2009 prices include an average 2009 PCRA of $0.00851/kWh; 2008 prices include an average PCRA of $0.02518 /kWh; and 2007 prices include an average PCRA of $0.01189 /kWh. Annual average PCRA based on monthly PCRA as provided by NBU.

[11] The PUCT sets the discount rate offered by REPs during the months of May, June, July, August, and September to qualifying low-income customers. The Texas Department of Human Services ("TDHS") provides the names and addresses of clients receiving food stamps and medical benefits to the Low-Income Discount Administrator ("LIDA"). LIDA then matches the TDHS data with a database of residential service addresses maintained by ERCOT. LIDA forwards address matches to the appropriate retail electric providers so they can apply the discount to the customer's bill. Persons who receive no benefits from a state agency, but qualify under the income guidelines, may enroll with LIDA.

[12] As of August 1, 2009, the discount was at 17% off of the rate for the Provider of Last Resort (POLR) at the 1,000 kWh usage level. From March 23, 2009 to August 1, 2009, the discount was set at 15.5 percent of POLR rates at the 1,000 kWh usage level. The money to fund this discount comes from a System Benefit Charge on REP electricity bills. REP discounted bills were calculated based on the discount rate (http://www.puc.state.tx.us/electric/projects/24116/Rate_History.pdf) times kWh usage for each month for May through September 2009. This resultant discount dollar amount was then subtracted from the average, highest and lowest fixed price offering during each of the respective months. Due to discounts provided, such as AE's waiving of the monthly customer charge, the pricing for low-income customers may actually increase on a kWh basis as usage increases.

Glossary[6]

Commercial Customer: Includes businesses such as retail stores, restaurants, and educational institutions with a peak demand of 50 kW or more during any twelve month period. Small commercial customers may include businesses whose peak electric demand during any twelve month period is less than 50 kW.

Demand: The rate at which electric energy is delivered to or by a system at a given instant, or averaged over a designated period, usually expressed in kilowatt ("kW") or megawatt ("MW").

Department of Energy ("DOE"): A US federal agency established in 1977 which brings all major energy-related federal agencies under a single umbrella.

Electric Cooperative: (a) a corporation organized under the Texas Utilities Code, Chapter 161 or a predecessor statute to Chapter 161 and operating under that Chapter; (b) a corporation organized as an electric cooperative in a state other than Texas that has obtained a certificate or authority to conduct affairs in the state of Texas; or (c) a successor to an electric cooperative created before June 1, 1999, in accordance with a conversion plan approved by a vote of the members of the electric cooperative, regardless of whether the successor later purchases, acquires, merges with or consolidates with other electric cooperatives.

Electric Reliability Council of Texas ("ERCOT"): Refers to the independent organization and, in a geographic sense, refers to the area served by electric utilities, municipally-owned utilities, and electric cooperatives that are not synchronously interconnected with electric utilities outside the state of Texas.

Electric Utility: A person or river authority that owns or operates for compensation in this state equipment or facilities to produce, generate, transmit, distribute, sell, or furnish electricity in this state.

Energy Information and Administration ("EIA"): A US federal agency whose primary responsibility is management of statistics relating to energy production, use, and consequences.

Generation: Assets, activities and processes necessary and related to the production of electricity.

Industrial Customer: Includes factories or manufacturing plants and typically have the highest demand for electricity.

[6] Chapter 25. Substantive Rules Applicable to Electric Service Providers. Subchapter A. General Provisions. §25.5 Definitions. www.puc.state.tx.us
ERCOT online glossary: www.ercot.com/glossary
Window of State Government, online Energy Glossary: www.window.state.tx.us/specialrpt/energy/glossary
Energy Vortex Online Dictionary: www.energyvortex.com/energydictionary

Kilowatt ("kW"): A measure of electrical power equal to 1,000 watts.

Kilowatt hour ("kWh"): A quantitative measure of electric current flow equivalent to one thousand watts being used continuously for a period on one hour; the unit most commonly used to measure electrical energy, as opposed to kilowatt, which is simply a measure of available power.

Load: a) the amount of energy used per hour or kilowatt-hour or, b) the level of electricity demanded, typically measured in kilowatts or megawatts.

Municipally-Owned Utility: Any utility owned, operated, and controlled by a municipality or by a non-profit corporation whose directors are appointed by one or more municipalities.

Megawatt ("MW"): The electrical unit of power that equals 1 million Watts (1,000 kW).

Not-Opt In Entity ("NOIE"): An electric cooperative or municipally-owned utility that does not offer retail electric service customer choice.

Off-Peak Hours: All hours that are not on-peak, which end in 0700 to 2200 Central Pacific Time (CPT) from Monday through Friday excluding North American Electric Reliability Corporation (NERC) holidays.

On-Peak: Hours ending in 0700 to 2200 CPT from Monday through Friday excluding NERC holidays.

Public Utility Commission of Texas ("PUCT"): Formed in 1975 by the Legislature as a rate regulatory body, PUC now, since deregulation, oversees electric and telecommunications companies to ensure Texas consumers have access to competitive utility services. The PUC oversees competition in the wholesale and retail electricity and telecommunications markets, and regulates rates and services of non-competitive electric utilities and local exchange companies.

Rate: A compensation, tariff, charge, fare, toll, rental or classification that is directly or indirectly demanded, charged or collected by an electric utility for a service, product, or commodity.

Residential Customer: Include private households that utilize energy for such needs as heating, cooling, cooking, lighting, and small appliances.

Retail Electric Provider ("REP"): A person that sells electric energy to retail customers in this state.

Tariff: The schedule of a utility, municipally-owned utility or electric cooperative containing all rates and charges stated separately by type of service, the rules and regulations of the utility, and any contracts that affect rates, charges terms or conditions of service.

Transmission and/or Distribution Service Provider ("TDSP"): An Entity that is a TSP, a DSP or both, or an Entity that has been selected to own and operate Transmission Facilities and has a PUCT approved code of conduct.

NXP/Samsung 1-100. Provide all workpapers, studies, analyses, of retail rates impact on customers, employer growth, economic growth, and Austin's ability to attract and/or retain employers.

ANSWER:

Documents responsive to this question may be found in the Response to NXP/Samsung RFI 1-99. Additional information responsive to this request may be found in the following locations in the Austin Energy Tariff:

Appendix C: Small Commercial Customer Demand Study

Appendix F: White Paper: Understanding Austin Energy's Market Competitiveness Metric

Appendix L: Secondary Voltage Customer Classes Report

Prepared by: BE/JHO
Sponsored by: Mark Dreyfus

NXP/Samsung 1-101. Identify all bonuses paid during the test year and the last five years to executive level personnel.

ANSWER:

During the test year and during the five previous years, Austin Energy did not pay out performance bonuses to executive level personnel.

Prepared by: DK
Sponsored by: Kerry Overton

NXP/Samsung 1-102. Was Decker Creek Power Plant used to sell power into the DAM during the Test Year? If so, how much revenue did Decker produce during the test year and in the previous five years?

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General. Additionally, this question requests information that is beyond the scope of this proceeding.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-103. Please explain why Austin Energy selected the production plant allocation method it proposes.

ANSWER:

Austin Energy assumes the question refers to the Production-Demand cost allocation factor. Please refer to Section 5.4.1.1 of the Report to Council for a detailed discussion of Austin Energy's choice of the ERCOT 12 Coincident Peak Production-Demand allocation factor.

Prepared by: BE
Sponsored by: Mark Dombroski

NXP/Samsung 1-104. Please identify any and all alternative production plant allocations methods reviewed and/or considered, examined or discussed by Austin Energy personnel or consultants prior to the selection of the chosen method. Provide the results of AE's cost of service study using each alternative identified.

ANSWER:

Austin Energy assumes the question refers to the Production-Demand allocation factor. AE considered the following Production-Demand cost allocation factors:

- Austin Energy 4 Coincident Peak (CP)
- Average and Excess Demand 4CP
- ERCOT 4 Coincident Peak (CP)
- Average and Excess Demand 4 Non-Coincident Peak (NCP)
- Austin Energy 12CP
- ERCOT 12CP
- Average and Excess Demand 12NCP
- Baseload, Intermediate, and Peaking

Using the Excel model already provided at rates.austinenergy.com on the 2016 Staff Recommendations page, the requestor can choose different production cost allocation factors and determine the results of the differing cost of service runs.

Prepared by: BE
Sponsored by: Mark Dombroski

NXP/Samsung 1-105. Please rerun the cost of service using 4CP and A&E 4CP and provide the resulting spreadsheets in Excel format.

ANSWER:

This question is subject to a pending objection.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-106. Please identify any filing before the PUC in which a 12 coincident peak allocation method was approved for use in Texas.

ANSWER:

This question is subject to a pending objection.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-107. Please provide a list of all outside consulting contracts funded by AE during the test year and the previous three years. Provide the amount of funding, the purpose of the contract, the name of the contractor and the FERC account applicable to the cost.

ANSWER:

By agreement of the parties, Austin Energy is providing information for the test year and in support of any proposed known and measurable adjustments.

The attached spreadsheet includes the orders/contract lines associated with payments that occurred during the period of FY2014, which were charged to Austin Energy accounting codes used for consulting services (and other services). The amount indicated is the amount of the applicable payment.

There were no known and measurable adjustments supported by contracts during the period of FY2014.

Attachment 1 – AE Payments Associated with Certain Object Codes.

Prepared by: CW
Sponsored by: Mark Dombroski

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1406100073355	11-Jun-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$5,850.00	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Backfill Maria Archuleta-Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406240078535	25-Jun-14	1100	3	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$2,235.63	3250	1107	4899	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,346.28	3250	1107	2502	5560	3650	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1407220087999	23-Jul-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$4,548.48	5010	1100	8322	5725	9230	14043012490	DO	1100	NC140000002	Staff augmentation-Jose L Garcia	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX41579	DOM	1100	NA110000035	ST131580	91438	Electrical
AD1408070093305	8-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1409020101712	3-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$658.41	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1405270069401	28-May-14	1100	4	ASP7019530	ASPLUNDH TREE EXPERT CO	$504.45	3250	1107	2508	5560	3690	14051513380	DO	1100	NA120000111	Batch #1557	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,216.07	3240	1107	4959	5560	3620	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1409020101712	3-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1408120094544	13-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$276.47	5010	1100	3708	5560	5930	14080618259	DO	1100	NA120000111	Batch #1610	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409060102988	8-Sep-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$20,474.08	5010	1100	8810	5725	9020	14051413315	DO	1100	NC140000002	Staff augmentation-Jennifer Wrigley	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11,051.08	3250	1107	3110	5560	3660	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409030102018	4-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1408190096678	20-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$298.48	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091702	5-Aug-14	1100	3	APE8321977	APEX SYSTEMS INC	$8,060.08	3290	1107	5745	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408040091806	5-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$432.48	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$83.50	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1312250027940	26-Dec-13	6100	1	STA7106205	STANLEY CONSULTANTS INC	$7,315.70	5010	1100	3711	5590	5880	13090620830	DO	6100	PA110000030	Interconnect Studies Support	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$29,685.82	5010	1100	3708	5560	5930	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407030081188	7-Jul-14	1100	1	TEP7170930	BILFINGER TEPSCO INC	$242,178.86	3060	1107	313	5560	1211	14041711845	DO	6100	CA130000004	PR # 2 // Hotel Van Zandt Underground Chilled Water Connecti	91340	Construction, Pipeline
AD1407030081194	7-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$432.48	3250	1107	2599	5560	3640	MAX40539	DOM	1100	NA110000035	ST128973	91438	Electrical
AD1407100082890	11-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$1,316.82	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1408160095808	18-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$138.04	3250	1107	2037	5560	3640	14080618276	DO	1100	NA120000111	Batch #1611	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical
AD1409250110039	26-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$10,232.22	3250	1107	2520	5560	3640	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409180107111	19-Sep-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$6,452.42	3060	1107	312	5590	1211	13123105633	DO	6100	PA130000018	Green Water Treatment CW Pipe Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1408040091851	5-Aug-14	6100	1	VS0000017696	AUSTIN CONSTRUCTORS LLC	$103,860.48	3060	1107	129	5560	1211	13102800048	CT	6100		Crescent Tract Utilities for Chilled Water Services	91360	Construction, Water System, Main and Service Line
AD1409170106724	18-Sep-14	1100	37	LUC8310706	LUCIDITY CONSULTING GROUP LP	$27,038.94	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	96200	MISCELLANEOUS SERVICES
AD1409170106724	18-Sep-14	1100	26	LUC8310706	LUCIDITY CONSULTING GROUP LP	$19,300.10	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,372.85	3250	1107	2520	5560	3640	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$985.56	3250	1107	3602	5560	3620	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$354.48	5010	1100	3212	5560	5982	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1312180026968	19-Dec-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$732.50	5010	1100	1307	5590	9230	12042612831B	DO	6100	PA080000085	Crescent Track Project	92535	Environmental Engineering
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$14,163.04	3250	1107	2520	5560	3640	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,458.67	5010	1100	3708	5560	5930	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,937.07	3250	1107	2520	5560	3640	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$658.36	5010	1100	3212	5560	5982	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$17,193.81	5010	1100	3708	5560	5930	13110803114	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,894.63	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310170006137	18-Oct-13	1100	1	VC0000102886	TIME WARNER ENTERTAINMENT COMPANY LP	$1,175.08	3310	1107	5342	5560	3910	12102402036	DO	1100	NA130000004	Cable services for SCC Center	91524	Cable Television Services (Includdes Pay-Per-View
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$270.30	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407010080102	2-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$10,664.95	3230	1107	2964	5590	3530	13120304268	DO	6100	PA110000030	Hamilton HM-123 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$53,976.35	3250	1107	3110	5560	3660	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,329.02	3250	1107	3637	5560	3660	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$17,258.86	5010	1100	3215	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402240042477	25-Feb-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$0.04	3230	1107	2933	5590	3520	13052014169	DO	6100	PA110000030	Austin Energy's Construction Materials Testing Services Mult	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$611.00	3250	1107	2505	5560	3660	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,664.64	3250	1107	2123	5560	3730	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,236.99	3250	1107	2037	5560	3640	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,156.12	3250	1107	2505	5560	3660	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1407010080198	2-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1406300079917	1-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$7,944.03	3230	1107	1525	5590	3520	13112604076	DO	6100	PA110000030	Garfield GF Yard Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406300079923	1-Jul-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$1,734.50	5010	1100	1307	5590	9210	14011306375	DO	6100	PA080000085	ECC - PST Removal	92535	Environmental Engineering
AD1401130032520	14-Jan-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$48,205.00	3240	1107	4951	5560	3620	MAX32734	DOM	1100	NA120000169	Relay Construction - Arc Flash Mediation	9135660	RELAY CONSTRUCTION SERVICES (INCLUDES WIRING, TESTING, COMM
AD1402060038428	7-Feb-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$12,354.00	3250	1107	3635	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401130032545	14-Jan-14	1100	1	VC0000102886	TIME WARNER ENTERTAINMENT COMPANY LP	$532.98	3310	1107	5342	5560	3910	12102402036	DO	1100	NA130000004	Cable services for SCC Center	91524	Cable Television Services (Includdes Pay-Per-View
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$779.43	5010	1100	3504	5560	5960	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310220007165	23-Oct-13	6100	1	TEX8311982	TEXAS SOLAR POWER COMPANY	$37,412.02	3120	1107	7615	5560	3440	12011900504	CT	6100		PV 300 - Decker Lane Solar Restoration Project	90924	Building Construction, Commercial and Institutional
AD1402060038452	7-Feb-14	6100	1	GUE2157000	JOSE I GUERRA INC	$1,045.04	5010	1100	2224	5590	4171	13071517371	DO	6100	PA120000006	Domain - Master Plan	92567	Mechanical Engineering
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,503.25	3250	1107	2123	5560	3730	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$30,104.36	3250	1107	3110	5560	3660	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$13,247.20	3230	1107	1519	5560	3530	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1402220041808	24-Feb-14	1100	1	VS0000016466	Ecologic Analytics, LLC	$208,468.00	3290	1107	5748	5590	3700	14020307427	DO	1100	NA080000190	MDMS - Amendment 7 & 8	92014	Applications Software (For Minicomputer Systems)
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,424.35	3250	1107	3107	5560	3670	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,490.82	3250	1107	2501	5560	3650	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,092.84	3250	1107	2505	5560	3660	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,109.42	3250	1107	3633	5560	3620	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,878.11	5010	1100	3504	5560	5880	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1311190017522	20-Nov-13	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$25,461.52	5010	1100	1314	5280	9210	13032110838	DO	1100	NC130000002	Staff Augmentation - Craig George	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,144.83	3230	1107	2960	5560	3530	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,060.81	3250	1107	3597	5560	3730	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,610.22	5010	1100	3403	5560	5930	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,946.88	3250	1107	3658	5560	3660	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1408260099284	27-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$18,883.92	5010	1100	3708	5560	5930	14082519400	DO	1100	NA120000111	Batch #1625	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407230088360	24-Jul-14	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$22,992.43	3240	1107	4845	5560	1211	14021908255	DO	6100	CA1300000008	New Cen. Library - Seaholm Substation Wall	91268	MANAGEMENT, CONSTRUCTION
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,494.94	3250	1107	3106	5560	3670	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407230088396	24-Jul-14	1100	1	PDS7116430	PDS TECH INC	$636.00	5010	1100	8322	5725	9230	14051613509	DO	1100	NC140000002	Staff augmentation-Tjitse Miller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$668.59	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$356.86	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,358.39	5010	1100	3510	5560	5941	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$189,726.55	5010	1100	3708	5560	5930	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$417.95	3250	1107	2123	5560	3730	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$476.70	3250	1107	2123	5560	3730	13111203148	DO	1100	NA120000111	Batch 1488	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$454.90	5010	1100	3403	5560	5940	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$102,553.32	3250	1107	2520	5560	3640	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,944.70	5010	1100	3212	5560	5982	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1407230088414	24-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$662.76	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1407230088414	24-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$149.26	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1407290089696	30-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1409150105575	16-Sep-14	1100	1	KEM7155110	KEMA INCORPORATED	$9,998.40	5010	1100	2450	5280	5810	14061715197	DO	1100	NA110000076	DSM Consulting Svs	91841	Energy Conservation Consulting
AD1409150105580	16-Sep-14	6100	1	MEC8310574	MECHANICAL & PROCESS SYSTEMS LLC	$20,654.09	3060	1107	322	5560	1211	14021908267	DO	6100	CA1300000010	Seaholm High Rise Chilled Water Connection	91340	Construction, Pipeline
AD1408300101424	2-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$757.18	3250	1107	2599	5560	3640	MAX42206	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1409100104591	11-Sep-14	1100	3	APE8321977	APEX SYSTEMS INC	$11,894.76	3290	1107	5749	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$876.97	5010	1100	3708	5560	5930	14050212679	DO	1100	NA120000111	Batch 1544	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,458.01	3230	1107	3645	5560	3530	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1403240050954	25-Mar-14	1100	1	GEO8306050	GEOSPATIAL INNOVATIONS INC	$55,330.00	3250	1107	3738	5590	3690	14010705976	DO	1100	NA080000197	Technical consulting impletmentation, & engineering & consv	91832	CONSULTING SERVICES (NOT OTHERWISE CLASSIFIED)
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,054.48	3250	1107	2501	5560	3650	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,391.86	3250	1107	2500	5560	3620	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405190067263	20-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1405190067263	20-May-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1404280061426	29-Apr-14	1100	2	MET7046770	METALINK CORP	$4,828.70	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$873.01	3250	1107	4570	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$10,556.00	3250	1107	3635	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404080055877	9-Apr-14	1100	3	VS0000032630	Seaholm Power Development LLC	$1,804.32	3060	1107	322	5590	1211	MAX38274	DOM	1100	NA140000052	2nd Payment for seaholm chilled water piping	91360	Construction, Water System, Main and Service Line
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$498.70	3250	1107	2501	5560	3660	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$397.40	3250	1107	2510	5560	3650	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,443.63	3250	1107	3105	5560	3660	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109068	24-Sep-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$8,107.00	5010	1100	8322	5725	9302	14051913587	DO	1100	NC140000002	Staff augmentation-Michael Goodman	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$54,321.60	5010	1100	3708	5560	5930	14092321355	DO	1100	NA120000111	Batch #1643	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110925	30-Sep-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$430.54	3230	1107	2933	5590	3520	13052014169	DO	6100	PA110000030	Austin Energy's Construction Materials Testing Services Mult	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1409150105634	16-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409240109518	25-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$107,609.62	5010	1100	3710	5560	5710	14091720960	DO	1100	NA120000110	Batch 1627	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409160106190	17-Sep-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$1,200.00	5010	1100	3212	5560	5982	MAX40392	DOM	1100	NA100000024	WR 125510 - 11406 Metric Blvd	98176	Traffic Control Equipment and Accessories Rental o
AD1407160085491	17-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$45,362.95	5010	1100	3708	5560	5930	14071016643	DO	1100	NA120000111	Batch 1596	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081928	9-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$1,621.80	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$660.21	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407080081928	9-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$111.86	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407190086961	21-Jul-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$16,289.00	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$273.21	3250	1107	2599	5560	3640	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,493.14	3250	1107	3597	5560	3730	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406050072236	6-Jun-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,607.49	5010	1100	3708	5560	5930	14052714024	DO	1100	NA120000110	Batch #1567	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406050072236	6-Jun-14	1100	6	ASP7019530	ASPLUNDH TREE EXPERT CO	$19,556.08	3250	1107	3676	5560	3620	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406050072243	6-Jun-14	1100	2	LUC8310706	LUCIDITY CONSULTING GROUP LP	$1,307.78	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	96200	MISCELLANEOUS SERVICES
AD1406050072243	6-Jun-14	1100	2	LUC8310706	LUCIDITY CONSULTING GROUP LP	$3,974.28	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	96200	MISCELLANEOUS SERVICES
AD1409160106223	17-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$11,067.50	3290	1107	5744	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401040029865	6-Jan-14	6100	1	HDR8318192	HDR ENGINEERING INC	$22,893.05	3060	1107	129	5590	1211	12083120930A	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant #3	92517	Civil Engineering
AD1401220034580	23-Jan-14	6100	1	JAC8308529	JACOBS ENGINEERING GROUP INC	$71,830.68	3060	1107	284	5590	1211	13072317970	DO	6100	PA130000018	AE 5th Street CHW Piping Extension Continuation Proposal	92533	ENGINEER SERVICES, PROFESSIONAL
AD1401220034645	23-Jan-14	1100	1	VS0000010098	Nipun Systems Inc.	$13,528.00	3250	1107	3468	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,771.12	3230	1107	1523	5560	3530	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1401230034927	24-Jan-14	1100	1	SMS8302717	SMS LLC	$119,852.60	3290	1107	5705	5560	3900	14011606546	DO	1100	NS070000025	Install and Maintenance to Physical Access Control System	20789	Testing Equipment for Computers and Related Equipm
AD1406280079648	30-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$329.76	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	24	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	27	V00000914477	PIKE ENTERPRISES INC	$96.51	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	29	V00000914477	PIKE ENTERPRISES INC	$4,764.14	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1404210059338	22-Apr-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$4,725.00	5010	1100	2221	5590	4171	13022109333A	DO	6100	PA110000030	DCP1 & DCP2 Arc Flash Study	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406280079648	30-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1407020080827	3-Jul-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$1,527.75	3230	1107	2933	5590	3520	13052014169	DO	6100	PA110000030	Austin Energy's Construction Materials Testing Services Mult	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406120074356	13-Jun-14	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$563.00	5010	1100	3504	5560	5930	MAX39650	DOM	1100	S060166	LCRA Invoice T4M-0011156	96148	Laboratory and Field Testing Services (Not Otherwi
AD1406120074383	13-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX39654	DOM	1100	NA110000035	ST 126003	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39654	DOM	1100	NA110000035	ST 126003	91438	Electrical
AD1406120074383	13-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1407120083595	14-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1407120083595	14-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1401230034966	24-Jan-14	1100	1	DAM7098840	DAMAN CONSULTING	$15,040.00	3250	1107	3468	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401230034997	24-Jan-14	1100	1	V00000911092	EKHP Consulting LLC	$14,440.00	3250	1107	3468	5560	3910	13101001039	DO	1100	NC140000002	Staff augumentation-Ravinder Saukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$408.78	5010	1100	3212	5560	5982	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1408070093206	8-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$11,849.76	3290	1107	5748	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408250098898	26-Aug-14	1100	2	NEO8311042	NEOS CONSULTING GROUP L L C	$17,600.00	3290	1107	5748	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$12,382.35	3250	1107	2501	5560	3650	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$889.16	3250	1107	2505	5560	3660	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406240078545	25-Jun-14	1100	1	GEO8306050	GEOSPATIAL INNOVATIONS INC	$99,594.00	3250	1107	3738	5590	3690	14010705976	DO	1100	NA080000197	Technical consulting impletmentation, & engineering & consv	91832	CONSULTING SERVICES (NOT OTHERWISE CLASSIFIED)
AD1408070093243	8-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$45,434.00	5010	1100	3710	5560	5710	14073017843	DO	1100	NA120000110	Batch #1607	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$205.44	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$946.06	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1408070093305	8-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	32	V00000914477	PIKE ENTERPRISES INC	$184.82	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX42427	DOM	1100	NA110000035	ST131331	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,031.50	3250	1107	3602	5560	3620	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1409020101712	3-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$432.55	5010	1100	3212	5560	5982	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409030102018	4-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$59.29	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$129.72	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1408190096675	20-Aug-14	1100	1	V00000909300	Juliee Beyt	$750.00	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1408190096675	20-Aug-14	1100	1	V00000909300	Juliee Beyt	$537.50	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1408190096678	20-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$616.26	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408040091806	5-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$500.06	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$295.52	5010	1100	3212	5560	5982	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312250027974	26-Dec-13	6100	1	VS0000021255	CH2M HILL ENGINEERS, INC.	$11,533.74	5010	1100	2216	5590	5002	13061916061	DO	6100	S050368	River Bank Stabilization Project	92525	DESIGNING
AD1312190027292	20-Dec-13	1100	1	V00000914662	22ND CENTURY STAFFING INC	$16,376.00	3290	1107	5421	5560	3910	13102101726	DO	1100	NC140000002	Staff Augmentation-Berry White	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406160075180	17-Jun-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$248.75	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1407030081194	7-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407030081194	7-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407030081194	7-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX40539	DOM	1100	NA110000035	ST128973	91438	Electrical
AD1409250109970	26-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$39,820.32	5010	1100	3708	5560	5930	14091720978	DO	1100	NA120000111	Batch 1619	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409250110039	26-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409180107111	19-Sep-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$8,177.73	3060	1107	312	5590	1211	14060614659	DO	6100	PA130000018	Green Water Treatment CW Pipe Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,939.02	3250	1107	2505	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1402060038455	7-Feb-14	6100	1	HDR8318192	HDR ENGINEERING INC	$10,221.50	3060	1107	129	5590	1211	12083120930A	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant #3	92517	Civil Engineering
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,107.75	3240	1107	4959	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,669.12	3250	1107	2502	5560	3660	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$16,091.65	3240	1107	4953	5560	3620	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310230007704	24-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$8,817.86	5010	1100	1307	5590	9210	12102201814	DO	6100	PA080000085	ECC - PST Assessment	92535	Environmental Engineering
AD1310230007704	24-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$458.50	5010	1100	1307	5590	9210	12062116487	DO	6100	PA080000085	Holly Sediment Project	92535	Environmental Engineering
AD1407150084641	16-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$88.66	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$43.24	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1407150084641	16-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$413.46	5010	1100	3212	5560	5982	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407100082903	11-Jul-14	1100	1	VC0000103025	TELVENT USA LLC	$525,375.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1407150084702	16-Jul-14	1100	4	WRI8303917	WRIGHT TREE SVC INC	$1,661.76	3250	1107	2510	5560	3640	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,630.41	3230	1107	3679	5560	3530	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310080002968	9-Oct-13	6100	1	GUE2157000	JOSE I GUERRA INC	$41,604.55	3060	1107	302	5590	1211	13071517369	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,658.96	3250	1107	3744	5560	3660	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,187.44	5010	1100	3504	5560	5960	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,004.05	3250	1107	2501	5560	3650	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1405220068569	23-May-14	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$244.00	3250	1107	3594	5560	3670	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407010080198	2-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$412.68	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1402060038429	7-Feb-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$12,320.00	3250	1107	3468	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,373.74	3240	1107	4959	5560	3620	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$518.24	5010	1100	3212	5560	5982	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1312030022662	4-Dec-13	5500	1	VS0000037094	NADAAA, Inc.	$17,490.55	3240	1107	4853	5280	3610	11092201575	CT	5500		Seaholm Substation Wall Art in Public Places (AIPP)	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1312040023017	5-Dec-13	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$327.75	3250	1107	3594	5560	3670	MAX33340	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1402100038941	11-Feb-14	6100	1	VS0000021255	CH2M HILL ENGINEERS, INC.	$12,815.27	5010	1100	2216	5590	5002	13061916061	DO	6100	S050368	River Bank Stabilization Project	92525	DESIGNING
AD1401070030659	8-Jan-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$18,400.00	3250	1107	3468	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$25,933.20	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Closing - Trading Post TP-789 Transformer & Switchgear Unit	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1401070030807	8-Jan-14	1100	1	V00000914964	The Evolvers Group, L.P.	$23,400.00	3250	1107	3635	5590	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$654.94	3250	1107	2124	5560	3640	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$24,787.65	3230	1107	1517	5560	3530	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$929.00	3250	1107	2508	5560	3690	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$72,993.83	3250	1107	3110	5560	3660	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$305.91	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$181.24	3230	1107	4290	5560	3530	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$551.28	5010	1100	3212	5560	5982	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1408090093732	11-Aug-14	6100	1	ACR0045900	ACR ENGINEERING INC	$6,396.00	3310	1107	5327	5590	3910	9031601079	CT	6100		Austin Energy Control Center Commissioning Services	91231	CONSTRUCTION, REMODEL & ALTERA
AD1310260008206	28-Oct-13	6100	1	GUE2157000	JOSE I GUERRA INC	$3,066.00	3060	1107	302	5590	1211	13071517369A	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1402040037655	5-Feb-14	1100	5	PEA8317748	CIMA SOLUTIONS GROUP LTD	$9,275.00	5010	1100	8322	5280	9210	13122005400	DO	1100	NC140000003	Upgrade to Current Server Infrastructure	2045373	SERVERS, FILE, MICROCOMPUTER
AD1401070030833	8-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$19,712.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,376.41	3250	1107	2520	5560	3640	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$387.88	5010	1100	3212	5560	5982	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$167.00	3250	1107	2599	5560	3640	MAX39374	DOM	1100	NA110000035	ST 125040	91438	Electrical
AD1405170066926	19-May-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX38818	DOM	1100	NA110000035	ST125470	91438	Electrical
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$607.48	3250	1107	2501	5560	3660	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,470.29	3250	1107	2510	5560	3640	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,291.45	5010	1100	3708	5560	5930	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405150066284	16-May-14	1100	10	ASP7019530	ASPLUNDH TREE EXPERT CO	$11,882.64	5010	1100	3708	5560	5930	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403200049460	21-Mar-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$766.00	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,308.24	3250	1107	2037	5560	3640	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$249.28	5010	1100	3212	5560	5982	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,416.34	5010	1100	3504	5560	5960	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$819.37	3250	1107	2502	5560	3650	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,698.94	5010	1100	3708	5560	5930	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408180096305	19-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1408180096307	19-Aug-14	5700	1	V00000921149	Sutherland Asbill & Brennan, LLP	$5,111.05	5010	1100	1302	5620	9211	14060214355	DO	5700	PA140000035	Wholesale power and natural gas transactions	96149	Legal Services, Attorneys
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$769.24	3240	1107	4845	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,199.50	3250	1107	2506	5560	3660	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$990.14	3250	1107	3441	5560	3660	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1408180096318	19-Aug-14	1100	1	VS0000007972	SENTARI TECHNOLOGIES INC	$22,048.00	5010	1100	8322	5725	9230	14061315088	DO	1100	NC140000002	Augmentation-Akif Mohammed	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096325	19-Aug-14	1100	4	VS0000019899	National Human Resource Group, Inc.	$13,557.50	5010	1100	8324	5725	9230	13101701548	DO	1100	NC140000002	Staff augmentation-Varma Siruvuri	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$330.22	3250	1107	2123	5560	3730	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403220050325	24-Mar-14	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$226.96	5010	1100	1302	5620	9211	12012707148	DO	5700	PA120000015	AE Contract for IBM Billing System	96149	Legal Services, Attorneys
AD1402190041316	20-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$181.75	3250	1107	3106	5560	3670	MAX37125	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1404090056135	10-Apr-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$17,214.00	3250	1107	3468	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405120065282	13-May-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$15,770.00	3250	1107	3480	5560	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405210068152	22-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$568.62	3230	1107	2964	5590	3530	13120304268	DO	6100	PA110000030	Hamilton HM-123 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$204.30	3250	1107	2506	5560	3650	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311070013112	8-Nov-13	1100	1	VC0000103534	SOLAR WORKS LLC	$15,000.00	3120	1107	7624	5560	3440	12082101292	CT	1100		Photovoltaic System Installation at Palmer Event Center	29082	Solar Energy Systems, Complete
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$7,318.29	5010	1100	3710	5560	5710	13111203143	DO	1100	NA120000110	Batch 1489	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$729.92	3250	1107	2502	5560	3660	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$158.78	3250	1107	2505	5560	3660	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1409150105562	16-Sep-14	6100	1	HDR8318192	HDR ENGINEERING INC	$2,937.81	3060	1107	129	5590	1211	120831209308	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1408300101424	2-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1408300101424	2-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$985.23	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1409100104591	11-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$658.32	3290	1107	5748	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404160058189	17-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$236.60	3250	1107	2599	5560	3640	14040911382	DO	1100	NA120000111	Batch 1538	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405210068125	22-May-14	6100	1	HBC8308050	TERRACON CONSULTANTS INC	$779.47	5010	1100	2225	5560	4171	14032010124	DO	6100	PA100000076	CTECC Facility Under Staircase Closet Conversion Project	91813	Asbestos Consulting
AD1404140057136	15-Apr-14	1100	2	VS0000032630	Seaholm Power Development LLC	$100,550.07	3060	1107	257	5560	1211	MAX38536	DOM	1100	NA140000052	Payapp #3 Seaholm Chilled Water Piping	91360	Construction, Water System, Main and Service Line
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,400.70	3250	1107	2510	5560	3640	14050212679	DO	1100	NA120000111	Batch 1544	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,539.26	3250	1107	2123	5560	3730	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,722.67	5010	1100	3212	5560	5982	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1405190067263	20-May-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1405190067263	20-May-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$288.79	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1404120057032	14-Apr-14	6100	3	STA7106205	STANLEY CONSULTANTS INC	$4,858.35	3230	1107	2933	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1409080103704	9-Sep-14	1100	1	VS0000029594	Primate Technologies, Inc.	$24,981.50	3310	1107	5324	5590	3980	14052313909	DO	1100	NA110000045	ADMS 2nd Milestone	20811	Application Software, Microcomputer
AD1409090103995	10-Sep-14	1100	2	DAM7098840	DAMAN CONSULTING INC	$24,288.80	5010	1100	8322	5725	9230	14032610407	DO	1100	NC140000002	Staff augmentation-Vamsi Namburi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408230098481	25-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$26,963.36	5010	1100	3708	5560	5930	14081518881	DO	1100	NA120000111	Batch #1609	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,129.60	5010	1100	3504	5560	5940	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1403290052738	31-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$867.92	3250	1107	3728	5560	3620	14031809933	DO	1100	NA120000111	Batch 1529	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$435.76	3250	1107	2500	5560	3620	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,457.46	3250	1107	3739	5560	3660	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405050063203	6-May-14	1100	1	HHC7001290	TEXAS CRANE SERVICES	$1,980.00	3240	1107	4964	5560	3620	MAX38200	DOM	1100	NA100000099	Crane service for Hamilton Switchgear	97526	Crane Rental or Lease
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$397.40	3250	1107	2123	5560	3730	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,410.64	3250	1107	3455	5560	3620	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,069.00	3250	1107	2506	5560	3650	14092321355	DO	1100	NA120000111	Batch #1643	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409230109163	24-Sep-14	1100	2	V00000914662	22ND CENTURY STAFFING INC	$15,200.00	3290	1107	5748	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409150105634	16-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409160106223	17-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1407080081928	9-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical
AD1407190086950	21-Jul-14	1100	1	V00000913899	International Systems of America, LLC	$20,399.25	3220	1107	7142	5560	3460	MAX41205	CTM	1100		SHEC PLANT EMERGENCY ALERT SYSTEM UPGRADE	99000	SECURITY, FIRE, SAFETY, AND EMERGENCY SERVICES
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,385.41	3250	1107	2520	5560	3640	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1406190076453	20-Jun-14	1100	4	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$14,883.00	5010	1100	8322	5725	9230	13101101215	DO	1100	NC140000002	Staff augmentation-Abhishek Rateria	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407190086837	21-Jul-14	1100	3	APE8321977	APEX SYSTEMS INC	$7,968.61	3290	1107	5749	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409160106223	17-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409150105535	16-Sep-14	1100	11	LUC8310706	LUCIDITY CONSULTING GROUP LP	$3,857.03	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096701	20-Aug-14	1100	1	VS0000034209	Soal Technologies, LLC.	$5,407.55	5010	1100	8322	5725	9230	14050913064	DO	1100	NC140000002	Staff augmentation-Abaseen Noorzai	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408020091176	4-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$11,297.60	5010	1100	3708	5560	9210	14072517594	DO	1100	NA120000111	Batch #1601	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407160085447	17-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1407070081632	9-Jul-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$74,440.36	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon. Phase II - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1406280079576	30-Jun-14	1100	3	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,679.58	3250	1107	2501	5560	3650	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,783.57	3240	1107	4960	5560	3620	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$692.09	3250	1107	2510	5560	3640	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079648	30-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	3250	1107	2123	5560	3730	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,352.64	3250	1107	2502	5560	3650	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1406280079648	30-Jun-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074362	13-Jun-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$194.00	3250	1107	3105	5560	3660	MAX38691	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX39654	DOM	1100	NA110000035	ST 126003	91438	Electrical
AD1406120074383	13-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1406120074383	13-Jun-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$1,023.61	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1403030044227	4-Mar-14	1100	3	VS0000032630	Seaholm Power Development LLC	$11,235.41	3060	1107	321	5590	1211	MAX37534	DOM	1100	NA140000052	Seaholm Development CW Services	91360	Construction, Water System, Main and Service Line
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$831.28	3250	1107	2599	5560	3640	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403120047081	13-Mar-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$10,452.00	3250	1107	3468	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$365.42	3250	1107	2124	5560	3730	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1403130047682	14-Mar-14	1100	1	VS0000010098	Nipun Systems Inc.	$4,984.00	3250	1107	3468	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$653.29	3250	1107	2599	5560	3640	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$94,813.95	5010	1100	3708	5560	5930	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406100073358	11-Jun-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$15,149.20	5010	1100	8322	5725	9230	14032610407	DO	1100	NC140000002	Staff augmentation-Vamsi Namburi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408250098898	26-Aug-14	1100	3	NEO8311042	NEOS CONSULTING GROUP L L C	$0.00	3290	1107	5745	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093212	8-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$9,888.07	3290	1107	5748	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$18,089.50	3250	1107	2123	5560	3730	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$17,668.24	3250	1107	3730	5560	3730	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,903.57	3250	1107	3765	5560	3660	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1407170085923	18-Jul-14	6100	2	JAM8303623	WILLIAMS & THOMAS LP	$4,769.81	3290	1107	5742	5560	3900	13123105618	DO	6100	CA130000003	Decker PP Admin. Bldg. Renovation	91231	CONSTRUCTION, REMODEL & ALTERA
AD1408120094455	13-Aug-14	1100	2	DAM7098840	DAMAN CONSULTING INC	$15,792.00	3290	1107	5745	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$276.08	3250	1107	2037	5560	3640	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$29.46	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$1,720.45	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1408070093305	8-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$1,015.26	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$1,210.64	3250	1107	2599	5560	3640	MAX42412	DOM	1100	NA110000035	ST131730	91438	Electrical
AD1409020101712	3-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$715.78	3250	1107	2599	5560	3640	MAX42412	DOM	1100	NA110000035	ST131730	91438	Electrical
AD1409020101712	3-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$550.52	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$27,116.64	3250	1107	3732	5560	3620	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$170.59	5010	1100	3212	5560	5982	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$383.91	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1409030101990	4-Sep-14	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$13,198.25	3290	1107	5745	5560	3910	14032010075	DO	1100	NC140000003	Cabling installation at Decker	9621826	COMPUTER CABLE INSTALLATION
AD1408140095460	15-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$15,400.00	3290	1107	5747	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409030102018	4-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$567.62	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1408040091806	5-Aug-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$111.86	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$109.74	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1312280028456	30-Dec-13	1100	1	APE8321977	APEX SYSTEMS INC	$892.50	3250	1107	3468	5560	3910	12101101075	DO	1100	NC130000002	Staff Augmentation_Catherine Cioffi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$13.63	3230	1107	2955	5560	3530	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,736.82	3230	1107	3645	5560	3530	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407030081194	7-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1409250110015	26-Sep-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$418.00	3290	1107	5755	5560	3900	MAX42915	DOM	1100	NA100000024	traffic control for longorn dam repair	98176	Traffic Control Equipment and Accessories Rental o
AD1409250110039	26-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$283.81	3250	1107	2599	5560	3640	MAX43152	DOM	1100	NA110000035	ST132433	91438	Electrical
AD1409250110039	26-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX43152	DOM	1100	NA110000035	ST132433	91438	Electrical
AD1409250110039	26-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,548.40	5010	1100	3710	5560	5710	14091220660	DO	1100	NA120000111	Batch #1634	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$46,335.82	3230	1107	1523	5560	3530	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$250.88	3230	1107	3677	5560	3530	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409200107353	22-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34.32	3250	1107	2501	5560	3660	14091120631	DO	1100	NA120000111	Batch #1614	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409200107353	22-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34.32	3250	1107	2520	5560	3640	14091120631	DO	1100	NA120000111	Batch #1614	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$468.16	3250	1107	2123	5560	3730	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$35,518.86	3240	1107	4953	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1311110014077	12-Nov-13	5700	1	VS0000036042	Perkins Coie LLP	$85.00	5010	1100	1302	5620	9230	12052214497	DO	5700	PA110000045	FERC	96149	Legal Services, Attorneys
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,068.64	3250	1107	2520	5560	3640	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,274.79	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014604	14-Nov-13	6100	1	CAS7072670	JAIME BEAMAN AIA INC	$8,115.23	5010	1100	1105	5590	9210	13012307501	DO	6100	PA090000047	Kramer Feasibility Study for 2412 Kramer Ln Site	90607	Architect Services, Professional
AD1407100082890	11-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX40887	DOM	1100	NA110000035	ST121820	91438	Electrical
AD1407150084641	16-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1407150084702	16-Jul-14	1100	10	WRI8303917	WRIGHT TREE SVC INC	$46,970.38	5010	1100	3708	5560	5930	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$379.61	3250	1107	2506	5560	3650	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,896.03	3230	1107	1504	5560	3530	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310050002129	7-Oct-13	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$3,173.33	5010	1100	8324	5560	9304	13081319214	DO	1100	NC130000003	Cabling services for St Elmo	9621826	COMPUTER CABLE INSTALLATION
AD1310050002156	7-Oct-13	1100	1	V00000914662	22ND CENTURY STAFFING INC	$7,241.52	3250	1107	3635	5590	3700	13071617460	DO	1100	NC130000002	Staff augmentation- Srikanata Sahoo	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$24,882.00	3250	1107	2500	5560	3620	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,547.57	3250	1107	3597	5560	3730	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$685.09	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1406210077249	23-Jun-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,244.25	3250	1107	2520	5560	3640	14061715220	DO	1100	NA120000111	Batch #1579	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405220068580	23-May-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1407150084530	16-Jul-14	1100	5	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$1,368.75	3290	1107	5749	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,827.22	3250	1107	3446	5560	3730	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407030081120	7-Jul-14	1100	12	LUC8310706	LUCIDITY CONSULTING GROUP LP	$5,192.81	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310150005285	16-Oct-13	1100	1	V00000916199	Accuvant, Inc.	$150,320.00	3310	1107	5340	5560	3910	13082320020	DO	1100	NC130000003	Netoptics Hardward & Maintenance	20464	Network Components: Adapter Cards, Bridges, Connec
AD1312040022999	5-Dec-13	5700	1	LLO2915000	LLOYD GOSSELINK ROCHELLE & TOWNSEND PC	$4,137.49	5010	1100	1314	5620	9230	13031110281	DO	5700	PA100000059	2012 Rate Proceedings	96149	Legal Services, Attorneys
AD1312040023001	5-Dec-13	1100	2	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$179.00	5010	1100	3404	5560	5710	MAX35208	DOM	1100	S060166	Test Gloves	96148	Laboratory and Field Testing Services (Not Otherwi
AD1403130047608	14-Mar-14	1100	4	LUC8310706	LUCIDITY CONSULTING GROUP LP	$5,508.80	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	5010	1100	3212	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,259.20	3230	1107	1521	5560	3530	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,895.88	5010	1100	3510	5560	5941	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,991.18	3250	1107	2502	5560	3650	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,753.88	3250	1107	2506	5560	3660	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,497.88	5010	1100	3504	5560	5960	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1310120004139	14-Oct-13	1100	1	VS0000035305	Bansar Technologies Inc	$3,400.00	3250	1107	3635	5590	3700	13081419368	DO	1100	NC130000002	Staff augmentation-Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311160015169	18-Nov-13	1100	4	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$266.50	3250	1107	3609	5560	3660	MAX34707	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,215.96	3250	1107	3446	5560	3730	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1402050037909	6-Feb-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$19,110.40	5010	1100	3711	5590	5880	13090620830	DO	6100	PA110000030	Interconnect Studies Support	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$16,490.70	3230	1107	3671	5560	3530	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$41,910.75	3250	1107	2500	5560	3620	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$219.01	3250	1107	3732	5560	3620	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,096.62	5010	1100	3212	5560	5982	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059870	23-Apr-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$156.61	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$242.91	3250	1107	2520	5560	3640	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408260099260	27-Aug-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$13,028.50	3290	1107	5737	5560	3910	14060514553	DO	1100	NC140000002	Staff augmentation-Henrietta Harris	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11,379.78	3230	1107	4290	5560	3530	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$508.70	3250	1107	3106	5560	3670	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1404300062115	1-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$5,216.75	5010	1100	3202	5590	5620	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1402190041260	20-Feb-14	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$1,140.58	3060	1107	256	5560	1211	13071217315	DO	6100	CA130000008	2nd Street Bridge and Roadway Extension	91268	MANAGEMENT, CONSTRUCTION
AD1408180096270	19-Aug-14	1100	3	NEO8311042	NEOS CONSULTING GROUP L L C	$8,400.00	3290	1107	5745	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1408180096305	19-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX41931	DOM	1100	NA110000035	ST130551	91438	Electrical
AD1408180096305	19-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41931	DOM	1100	NA110000035	ST130551	91438	Electrical
AD1408180096305	19-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX41943	DOM	1100	NA110000035	ST131382	91438	Electrical
AD1408180096305	19-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$816.67	3250	1107	2599	5560	3640	MAX41943	DOM	1100	NA110000035	ST131382	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,784.99	3230	1107	3671	5560	3530	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,132.76	3230	1107	1521	5560	3530	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$534.55	3250	1107	2501	5560	3660	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,831.41	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1405170066836	19-May-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$23,680.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,227.48	3230	1107	4284	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,824.34	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$729.70	3250	1107	2501	5560	3650	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1404230060267	24-Apr-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$72,000.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1403110046873	12-Mar-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$15,664.00	3290	1107	5421	5560	3910	13102101726	DO	1100	NC140000002	Staff Augmentation-Berry White	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401210034194	22-Jan-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$20,720.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1405080064440	9-May-14	6100	1	V00000907889	Warden Construction Corporation	$24,142.50	3290	1107	5743	5560	3900	14031709811	DO	6100	CA130000003	Renovation of Kramer Ln Bldg E Meter Shop_ PR # 7.1	91231	CONSTRUCTION, REMODEL & ALTERA
AD1311190017541	20-Nov-13	1100	1	VS0000029388	J. Stowe & Co., LLC	$1,589.17	5010	1100	8312	5280	9230	13092722433	DO	1100	NA100000128	Task C-6 continued	91826	Communications: Public Relations Consulting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$76.30	5010	1100	3212	5560	5982	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1310090003334	10-Oct-13	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$6,160.00	3250	1107	3468	5230	3910	13081219167	DO	1100	NC130000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,523.56	5010	1100	3212	5560	5982	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,708.71	5010	1100	3504	5560	5960	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1407230088414	24-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3650	MAX41022	DOM	1100	NA110000035	ST123360	91438	Electrical
AD1407230088430	24-Jul-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$21,289.50	3290	1107	5745	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409150105572	16-Sep-14	6100	1	JAC8308529	JACOBS ENGINEERING GROUP INC	$8,380.00	5010	1100	2222	5590	4171	14042812315	DO	6100	PA130000018	Update System Map	92533	ENGINEER SERVICES, PROFESSIONAL
AD1408300101424	2-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,151.72	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1408300101437	2-Sep-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$15,008.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404160058189	17-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,594.32	5010	1100	3708	5560	5930	14040911382	DO	1100	NA120000111	Batch 1538	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404160058189	17-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$14,290.23	5010	1100	3708	5560	5930	14040911382	DO	1100	NA120000111	Batch 1538	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$676.00	3250	1107	3763	5560	3660	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,233.64	3230	1107	2933	5560	3530	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405120065243	13-May-14	6100	1	HDR8318192	HDR ENGINEERING INC	$2,290.34	3060	1107	129	5590	1211	12083120930B	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1405190067263	20-May-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$94.26	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1405190067263	20-May-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$74.63	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1403290052622	31-Mar-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$15,200.00	3250	1107	3468	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403290052662	31-Mar-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$17,333.17	3250	1107	3480	5560	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404080055748	9-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$164,743.42	5010	1100	3708	5560	5930	14040310923	DO	1100	NA120000111	Batch 1534	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$242.91	3250	1107	2506	5560	3660	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,246.57	3250	1107	2520	5560	3640	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,107.71	3250	1107	3105	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$590.06	3250	1107	3106	5560	3670	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1404240060574	25-Apr-14	1100	5	LUC8310706	LUCIDITY CONSULTING GROUP LP	$12,563.25	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404240060574	25-Apr-14	1100	6	LUC8310706	LUCIDITY CONSULTING GROUP LP	$2,512.65	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403060045297	7-Mar-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$9,464.00	3250	1107	3468	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405050063224	6-May-14	1100	2	SMS8302717	SMS LLC	$9,572.94	3290	1107	5705	5560	3900	14031309710	DO	1100	NS070000025	O & M for ISMS & CIP for ISMS	20789	Testing Equipment for Computers and Related Equipm
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$857.84	3250	1107	2500	5560	3620	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$510.64	3250	1107	2510	5560	3640	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312100024606	11-Dec-13	1100	8	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$468.50	3250	1107	3108	5560	3670	MAX34707	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,541.13	5010	1100	3415	5560	5700	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1407080081928	9-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$1,097.35	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407080081928	9-Jul-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$239.56	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$786.57	3250	1107	2520	5560	3640	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,364.17	3250	1107	2510	5560	3640	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1409160106223	17-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1407160085447	17-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$479.64	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1406020071117	3-Jun-14	1100	3	WRI8303917	WRIGHT TREE SVC INC	$7,846.88	3250	1107	3763	5560	3660	14052013671	DO	1100	NA120000111	Batch #1564	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,265.23	3230	1107	2963	5560	3530	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$730.80	3230	1107	3669	5560	3620	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406120074299	13-Jun-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$14,399.00	3250	1107	3468	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406120074311	13-Jun-14	1100	1	VS0000035305	Bansar Technologies Inc	$14,960.00	3250	1107	3635	5560	3910	13100900992	DO	1100	NC140000002	Staff augmentation- Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401220034662	23-Jan-14	1100	1	VS0000029388	J. Stowe & Co., LLC	$6,448.25	5010	1100	8312	5280	9230	13062716529	DO	1100	NA100000128	Utility Rate Study	91826	Communications: Public Relations Consulting
AD1406280079648	30-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$279.75	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406120074383	13-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$270.30	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$660.21	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$605.32	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX39654	DOM	1100	NA110000035	ST 126003	91438	Electrical
AD1406170075695	18-Jun-14	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$384.00	3250	1107	3594	5560	3670	MAX40204	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406170075695	18-Jun-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$330.50	3250	1107	3594	5560	3670	MAX40128	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407120083568	14-Jul-14	1100	1	TEC4570250	TECHLINE INC	$6,821.75	3250	1107	3446	5560	3730	MAX40693	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 24	28576	Street Lighting Luminaires, Accessories and Parts
AD1407120083595	14-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$32,793.15	3250	1107	3720	5560	3640	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$38,057.11	3250	1107	2500	5560	3620	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,832.80	3250	1107	2502	5560	3650	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,594.95	3250	1107	2510	5560	3640	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403120047080	13-Mar-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$17,920.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,213.67	5010	1100	3510	5560	5941	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$344.56	3250	1107	2124	5560	3730	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$38,091.10	3250	1107	2501	5560	3660	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1408050092177	6-Aug-14	1100	2	VS0000010098	Nipun Systems Inc.	$14,952.00	3290	1107	5745	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX41579	DOM	1100	NA110000035	ST131580	91438	Electrical
AD1408070093305	8-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$270.96	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1408070093305	8-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1408070093305	8-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$43.24	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$1,316.84	3250	1107	2599	5560	3640	MAX42412	DOM	1100	NA110000035	ST131730	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11.00	3250	1107	2501	5560	3650	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1408190096678	20-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	25	V00000914477	PIKE ENTERPRISES INC	$3,243.60	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408040091806	5-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$1,892.10	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,013.48	3250	1107	2502	5560	3650	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1409250110039	26-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1408040091701	5-Aug-14	5700	1	AND8303648	ANDREWS & KURTH L L P	$18,268.50	5010	1100	1302	5620	9230	14061815339	DO	5700	PA140000042	Chilled Water Service Agreements	96149	Legal Services, Attorneys
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,580.35	5010	1100	3708	5560	5930	14091220655	DO	1100	NA120000111	Batch 1633	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409220108564	23-Sep-14	1100	2	ALL7119040	ALLIED CONSULTANTS INC	$5,082.00	5010	1100	8322	5725	9230	13101001069	DO	1100	NC140000002	Staff augmentation-Richard Belden	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$504.36	3250	1107	2510	5560	3640	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,013.79	3230	1107	1521	5560	3530	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,056.96	3250	1107	3631	5560	3620	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310230007698	24-Oct-13	6100	1	STA7106205	STANLEY CONSULTANTS INC	$7,136.19	5010	1100	3202	5590	5620	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407150084641	16-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$550.52	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$359.34	3250	1107	2599	5560	3640	MAX40987	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,600.72	3250	1107	2037	5560	3640	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,635.92	3250	1107	2500	5560	3660	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,054.70	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$745.82	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$491.72	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402130039958	14-Feb-14	1100	1	INT8304095	INTEGRA REALTY RESOURCES	$3,500.00	3230	1107	3645	5590	3530	MAX36827	CTM	1100		IRR Appraisal Services	94615	Appraisal Services, Real Estate
AD1407140084050	15-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1405220068569	23-May-14	1100	7	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$253.50	3250	1107	3594	5560	3670	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1405220068580	23-May-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$109.74	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1402100038918	11-Feb-14	1100	1	VC0000103025	TELVENT USA LLC	$525,375.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1311250021136	26-Nov-13	1100	1	OFF3508500	WORKPLACE RESOURCE LLC	$5,148.08	5010	1100	2225	5560	4171	MAX33408	DOM	1100	NC130000016	CTECC- Reconfiguration of the GM Suite	93145	Furniture Installation and Reconfiguration Service
AD1310150005219	16-Oct-13	1100	2	MET7046770	METALINK CORP	$315.00	3290	1107	5313	5560	3900	13062116186	DO	1100	NA080000138	Fencing Installation and Repair Services	98815	Fence Installation and Repair
AD1401070030782	8-Jan-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$18,612.80	3250	1107	3480	5560	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$518.24	5010	1100	3212	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$38,097.10	3250	1107	3531	5560	3620	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$47,294.70	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Closing - Trading Post TP-789 Transformer & Switchgear Unit	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$508.70	5010	1100	3212	5560	5982	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$721.91	5010	1100	3212	5560	5982	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,450.05	3250	1107	3691	5560	3620	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1401080031146	9-Jan-14	5700	1	MAX7144235	MAX RENEA HICKS	$72.51	5010	1100	1302	5620	9210	13102201824	DO	5700	PA070000056	COA v Whittington	96149	Legal Services, Attorneys
AD1401080031158	9-Jan-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$345.75	3250	1107	2510	5560	3640	MAX35959	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1402040037627	5-Feb-14	1100	1	APE8321977	APEX SYSTEMS INC	$23,149.71	3250	1107	3468	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$365.42	5010	1100	3212	5560	5982	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$33.25	3250	1107	3602	5560	3620	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1407150084612	16-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$2,634.73	5010	1100	2221	5590	4171	14041011402	DO	6100	PA080000064	PR # 1.32 // Cresent Fencing	91842	Engineering Consulting
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$49,522.10	3250	1107	3446	5560	3730	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1310190006575	21-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$161,754.30	5010	1100	3708	5560	5930	13100800910	DO	1100	NA120000111	Batch 1476	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$35,063.20	5010	1100	3710	5560	5710	13102502171	DO	1100	NA120000110	Batch 1480	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311020011673	4-Nov-13	1100	1	VS0000011427	Financo, Inc.	$900.00	5010	1100	1124	5240	4171	MAX29040	CTM	1100		Financial Review & Planning - OSER	94648	Financial Advisor
AD1403050044943	6-Mar-14	1100	1	V00000909300	Juliee Beyt	$775.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1405170066941	19-May-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$14,040.00	5010	1100	8322	5725	9230	14022708802	DO	1100	NC140000002	Prasanth Renduchintala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408090093766	11-Aug-14	6100	1	GUE2157000	JOSE I GUERRA INC	$2,136.85	3060	1107	302	5590	1211	13071517369	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,147.84	3250	1107	2501	5560	3660	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,924.96	3250	1107	3617	5560	3640	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$545.04	5010	1100	3212	5560	5982	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1408180096270	19-Aug-14	1100	2	NEO8311042	NEOS CONSULTING GROUP L L C	$8,400.00	3290	1107	5748	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096292	19-Aug-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$8,098.75	3290	1107	5761	5725	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$36,858.71	3230	1107	3670	5560	3530	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$245.90	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1408180096314	19-Aug-14	1100	4	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$14,186.00	5010	1100	8322	5725	9230	13101101215	DO	1100	NC140000002	Staff augmentation-Abhishek Rateria	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096325	19-Aug-14	1100	2	VS0000019899	National Human Resource Group, Inc.	$5,057.50	5010	1100	8323	5725	9230	13100100259	DO	1100	NC140000002	Staff augmentation-Cullen Lisbony back fill by Rory Ridley	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,469.11	3230	1107	2854	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,876.69	5010	1100	3708	5560	5930	13111203148	DO	1100	NA120000111	Batch 1488	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004605	15-Oct-13	1100	1	V00000909300	Juliee Beyt	$375.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$430.65	3250	1107	2505	5560	3650	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1407290089649	30-Jul-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$290.75	3250	1107	2510	5560	3640	MAX41284	DOM	1100	NA100000024	WR 105660 - 2900 Manor Road	98176	Traffic Control Equipment and Accessories Rental o
AD1404170058523	18-Apr-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$766.50	5010	1100	3404	5560	5710	MAX35718	DOM	1100	NA100000024	Traffic control for Circuit 825 pole replacement.	98176	Traffic Control Equipment and Accessories Rental o
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$621.60	3250	1107	3766	5560	3620	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$627.17	5010	1100	3212	5560	5982	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405190067263	20-May-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$341.64	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1405030062664	5-May-14	1100	1	VS0000032630	Seaholm Power Development LLC	$1,067.85	3060	1107	257	5560	1211	MAX39202	DOM	1100	NA140000052	Payment #4 for Seaholm Transmission Line	91360	Construction, Water System, Main and Service Line
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$448.63	5010	1100	3708	5560	5930	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409080103704	9-Sep-14	1100	1	VS0000029594	Primate Technologies, Inc.	$14,900.00	3310	1107	5324	5590	3980	14052313908	DO	1100	NA110000045	ADMS/CC 1st Milestone	20811	Application Software, Microcomputer
AD1408230098481	25-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,172.72	5010	1100	3708	5560	5930	14081518881	DO	1100	NA120000111	Batch #1609	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409110105021	12-Sep-14	1100	1	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$17,600.00	5010	1100	8322	5725	9230	14061114867	DO	1100	NC140000002	Staff augmentation-Picky Butani	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$332.37	3250	1107	3749	5560	3620	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,495.99	3250	1107	2501	5560	3650	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$845.20	3250	1107	3107	5560	3670	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409080103580	9-Sep-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$8,492.00	5010	1100	8322	5725	9302	14051913587	DO	1100	NC140000002	Staff augmentation-Michael Goodman	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403290052710	31-Mar-14	1100	1	VS0000010098	Nipun Systems Inc.	$11,392.00	3250	1107	3468	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403180048814	19-Mar-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$328.50	3250	1107	2508	5560	3690	MAX36244	DOM	1100	NA100000024	WR119390 - 11800 Dessau Road	98176	Traffic Control Equipment and Accessories Rental o
AD1404070055236	8-Apr-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$14,240.00	3290	1107	5421	5560	3910	13102101726	DO	1100	NC140000002	Staff Augmentation-Berry White	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404030054457	4-Apr-14	6100	1	HDR8318192	HDR ENGINEERING INC	$1,537.70	3060	1107	129	5590	1211	12083120930A	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant #3	92517	Civil Engineering
AD1405050063156	6-May-14	1100	1	APE8321977	APEX SYSTEMS INC	$13,824.72	3250	1107	3635	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403130047692	14-Mar-14	6100	1	VS0000022108	Robert Jackson and Michael McElhaney Architects, Inc.	$21,453.05	3060	1107	307	5590	1211	13091821678	DO	6100	PA130000040	Finish-out Office @ Conv. Ctr. Chiller Plant - DCP#2	91815	Architectural Consulting
AD1401220034550	23-Jan-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,427.40	5010	1100	3708	5560	5930	14011606579	DO	1100	NA120000111	Batch 1509	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$25,970.97	5010	1100	3710	5560	5710	13120904639	DO	1100	NA120000110	Batch 1494	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,138.57	3230	1107	2854	5560	3530	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,206.54	3250	1107	2501	5560	3660	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$698.93	5010	1100	3212	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,589.52	5010	1100	3510	5560	5941	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409290110982	30-Sep-14	5700	1	WES8305952	CLARENCE A. WEST	$1,187.50	5010	1100	1302	5620	9210	13072217806	DO	5700	PA130000060	Telecommunication	96149	Legal Services, Attorneys
AD1409160106223	17-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$43.24	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$70.28	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$491.94	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1407080081928	9-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40371	DOM	1100	NA110000035	ST127421	91438	Electrical
AD1407080081928	9-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407080081928	9-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$308.12	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1406230077842	24-Jun-14	1100	5	WRI8303917	WRIGHT TREE SVC INC	$1,914.06	3250	1107	2599	5560	3640	14061114909	DO	1100	NA120000111	Batch #1578	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407190086834	21-Jul-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$4,003.25	5010	1100	8322	5725	9230	14042912383	DO	1100	NC140000002	Staff augmentation- Amir Kacimi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409160106223	17-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1409100104518	11-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$20,216.00	5010	1100	8322	5725	9230	14031209585	DO	1100	NC140000002	Staff augmentation-Sunil Dhagay	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085447	17-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$43.24	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1407190086903	21-Jul-14	1100	2	NEO8311042	NEOS CONSULTING GROUP L L C	$12,081.90	3290	1107	5748	5560	3910	13100700702	DO	1100	NC140000002	Staff augmentation-John Halter	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079576	30-Jun-14	1100	8	ASP7019530	ASPLUNDH TREE EXPERT CO	$845.44	3250	1107	2510	5560	3640	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079648	30-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,958.31	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX39842	DOM	1100	NA110000035	ST 125762	91438	Electrical
AD1406120074383	13-Jun-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,305.54	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,535.62	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1406170075695	18-Jun-14	1100	6	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$189.00	3250	1107	3644	5560	3660	MAX40128	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1406090073205	10-Jun-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$6,385.60	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405270069524	28-May-14	1100	3	WRI8303917	WRIGHT TREE SVC INC	$1,121.60	3250	1107	2520	5560	3640	14051613496	DO	1100	NA120000111	Batch #1563	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405270069524	28-May-14	1100	4	WRI8303917	WRIGHT TREE SVC INC	$67.60	3250	1107	2510	5560	3640	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406160075236	17-Jun-14	6100	2	JAM8303623	WILLIAMS & THOMAS LP	$106,630.75	3290	1107	5742	5560	3900	13123105618	DO	6100	CA130000003	Decker PP Admin. Bldg. Renovation	91231	CONSTRUCTION, REMODEL & ALTERA
AD1407120083595	14-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1407120083595	14-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1403030044227	4-Mar-14	1100	2	VS0000032630	Seaholm Power Development LLC	$11,235.41	3060	1107	322	5590	1211	MAX37534	DOM	1100	NA140000052	Seaholm Development CW Services	91360	Construction, Water System, Main and Service Line
AD1408070093208	8-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$15,010.00	3290	1107	5747	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$826.92	5010	1100	3212	5560	5982	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,931.72	5010	1100	3504	5560	5960	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$14,081.28	3250	1107	3586	5560	3730	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$16,160.72	3250	1107	3597	5560	3730	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,288.08	3250	1107	3641	5560	3660	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1408070093214	8-Aug-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$6,305.00	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Backfill Maria Archuleta-Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409020101680	3-Sep-14	6100	10	MUN7143465	MUNIZ CONCRETE & CONTRACTING INC	$244.50	5010	1100	3003	5560	5880	8052101812	CT	6100		ADA Sidewalk & Ramp Improvements 2007 Group 6	91347	Construction, Sidewalk and Driveway (Includes Pede
AD1408070093305	8-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1409020101712	3-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$495.75	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$671.16	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX42427	DOM	1100	NA110000035	ST131331	91438	Electrical
AD1406240078594	25-Jun-14	1100	2	SMS8302717	SMS LLC	$937.40	3290	1107	5705	5560	3900	14031309710	DO	1100	NS070000025	O & M for ISMS & CIP for ISMS	20789	Testing Equipment for Computers and Related Equipm
AD1407220088024	23-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$26,503.51	5010	1100	3708	5560	5930	14071717099	DO	1100	NA120000111	Batch #1602	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409060102979	8-Sep-14	6100	1	BUR0879750	BURY HOLDINGS INC	$41,187.13	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1409060103032	8-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$9,159.18	5010	1100	3202	5590	5620	13030509872A	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,642.91	3240	1107	4970	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$447.72	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1409030102018	4-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1408190096634	20-Aug-14	5600	2	LAN8306334	LANGUAGE LINE SERVICES INC	$2,945.48	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1408190096678	20-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$149.26	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$250.03	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091702	5-Aug-14	1100	3	APE8321977	APEX SYSTEMS INC	$11,051.37	3290	1107	5749	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408040091806	5-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$119.78	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1408040091806	5-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1312250027971	26-Dec-13	1100	1	VS0000019899	National Human Resource Group, Inc.	$632.00	3250	1107	3468	5560	3910	12101101038	DO	1100	NC130000002	Staff Augmentation-Brian Kengle	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312180026857	19-Dec-13	6100	8	STA7106205	STANLEY CONSULTANTS INC	$3,365.00	3230	1107	1504	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$136.20	3250	1107	2510	5560	3640	13121905282	DO	1100	NA120000111	Batch 1499	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$30,968.57	5010	1100	3708	5560	5930	14070916559	DO	1100	NA120000111	Batch #1591	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407090082264	10-Jul-14	6100	1	WOO7028055	URS CORP	$3,439.73	5010	1100	1307	5590	9210	14032010070	DO	6100	PA100000043	Decker Crk Power Station Tank Farm, Soil & Groundwater Inves	92535	Environmental Engineering
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,789.49	3240	1107	4959	5560	3620	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407030081194	7-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407030081194	7-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX40539	DOM	1100	NA110000035	ST128973	91438	Electrical
AD1407030081194	7-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX40539	DOM	1100	NA110000035	ST128973	91438	Electrical
AD1407100082890	11-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1408160095808	18-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$276.08	5010	1100	3708	5560	5930	14080618276	DO	1100	NA120000111	Batch #1611	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,062.90	5010	1100	3708	5560	5930	14091220692	DO	1100	NA120000111	Batch 1622	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$73,253.33	3230	1107	4296	5560	3530	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,665.63	3250	1107	2124	5560	3730	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1310210006868	22-Oct-13	6100	1	STA7106205	STANLEY CONSULTANTS INC	$14,026.74	3230	1107	3645	5590	3550	13060615348	DO	6100	PA110000030	DL - TR Ckt 975 Geotechnical Investigation	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$907.82	3250	1107	3106	5560	3670	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,712.54	3250	1107	3689	5560	3660	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311180016426	19-Nov-13	6100	2	DPR8302563	DPR CONSTRUCTION INC	$3,333.00	3120	1107	7609	5560	3910	0907290781-04	CT	6100		Bid Pkg. 04 - Civil,Struc.,Landscape & Irrigation, Trades Pk	95826	Construction Management Services
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,838.46	3250	1107	2501	5560	3660	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1407100082890	11-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407150084641	16-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,853.46	3250	1107	2123	5560	3730	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407100082903	11-Jul-14	1100	1	VC0000103025	TELVENT USA LLC	$55,800.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1406210077217	23-Jun-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$147,130.00	3320	1107	7500	5560	3110	11072001203	CT	6100		Holly Power Plant Decommissioning - Reissue	91230	Construction, Power Plant
AD1310070002493	8-Oct-13	1100	1	AUS0484500	AUSTIN SALES INC	$25,172.00	5010	1100	3003	5280	9302	MAX33467	CTM	1100		BLEACHERS FOR AE DANCE POWER UP	96276	Seating and Meeting Services, Public
AD1311050012348	6-Nov-13	6100	1	HDR8318192	HDR ENGINEERING INC	$23,201.93	3060	1107	129	5590	1211	12083120930A	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant #3	92517	Civil Engineering
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,952.66	3250	1107	3634	5560	3660	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1402100038881	11-Feb-14	1100	2	SMS8302717	SMS LLC	$1,443.31	3290	1107	5705	5560	3900	14012106721	DO	1100	NS070000025	Software maintenance	20789	Testing Equipment for Computers and Related Equipm
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,649.97	3250	1107	2037	5560	3640	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$189,250.97	3250	1107	2520	5560	3640	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$332.22	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1406210077249	23-Jun-14	1100	8	ASP7019530	ASPLUNDH TREE EXPERT CO	$959.53	5010	1100	3215	5560	5982	14061715220	DO	1100	NA120000111	Batch #1579	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	5010	1100	3212	5560	5982	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1407030081120	7-Jul-14	1100	14	LUC8310706	LUCIDITY CONSULTING GROUP LP	$6,584.74	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$18,649.19	3250	1107	2500	5560	3620	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1311140014920	15-Nov-13	5700	1	WES8305952	CLARENCE A. WEST	$340.69	5010	1100	1302	5620	9210	13072217806	DO	5700	PA130000060	Telecommunication	96149	Legal Services, Attorneys
AD1310220007052	23-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$63,542.30	5010	1100	3708	5560	5930	13101501457	DO	1100	NA120000111	Batch 1474	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403130047608	14-Mar-14	1100	4	LUC8310706	LUCIDITY CONSULTING GROUP LP	$4,006.40	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311140014835	15-Nov-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$6,885.38	5010	1100	1307	5590	9210	12090721206	DO	6100	PA100000043	Air Quality Permitting for Austin Energy Facilities	92535	Environmental Engineering
AD1310220007202	23-Oct-13	1100	1	VS0000029388	J. Stowe & Co., LLC	$7,647.75	5010	1100	8312	5280	9230	13062716529	DO	1100	NA100000128	Utility Rate Study (Task Order C-6 cond.)	91826	Communications: Public Relations Consulting
AD1402180040677	19-Feb-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$30,840.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1401280035842	29-Jan-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$34,865.84	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,791.76	5010	1100	3510	5560	5941	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1401080031158	9-Jan-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$272.50	3250	1107	3630	5560	3660	MAX35959	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406070072844	9-Jun-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$10,956.00	3290	1107	5748	5590	3700	13101701607	DO	1100	NC140000002	Staff Augmentation- Kim Plummer	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$617.81	3250	1107	3106	5560	3670	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$963.48	3250	1107	2505	5560	3660	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,029.76	5010	1100	3215	5560	5982	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,693.29	3250	1107	2501	5560	3650	14051413328	DO	1100	NA110000035	Batch 1562	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,036.96	3250	1107	2501	5560	3660	14051413328	DO	1100	NA110000035	Batch 1562	91438	Electrical
AD1407290089732	30-Jul-14	1100	1	VS0000034209	Soal Technologies, LLC.	$1,165.50	5010	1100	8322	5725	9230	14050913064	DO	1100	NC140000002	Staff augmentation-Abaseen Noorzai	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311160015169	18-Nov-13	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$721.50	3250	1107	2510	5560	3640	MAX34707	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311190017522	20-Nov-13	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$6,000.00	3250	1107	3468	5560	9210	12101201228	DO	1100	NC130000002	Staff Augmentation-Abhishe Ranteria	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402050037940	6-Feb-14	1100	1	APE8321977	APEX SYSTEMS INC	$13,537.50	3250	1107	3468	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403050044943	6-Mar-14	1100	1	V00000909300	Juliee Beyt	$25.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1408130095136	14-Aug-14	1100	2	VS0000010098	Nipun Systems Inc.	$17,444.00	3290	1107	5745	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403080046098	10-Mar-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$11,916.00	3290	1107	5421	5560	3910	13100800872	DO	1100	NC140000002	Staff augugentation-Bruce Zarate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX41935	DOM	1100	NA110000035	ST130860	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11.00	3230	1107	2963	5560	3530	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$10,307.46	3250	1107	3468	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$272.40	3250	1107	2501	5560	3650	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405210068152	22-May-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$6,264.08	3240	1107	4951	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1311014000460S	15-Oct-13	1100	1	V00000909300	Juliee Beyt	$400.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1407230088414	24-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1407290089624	30-Jul-14	6100	1	HDR8318192	HDR ENGINEERING INC	$4,268.70	3060	1107	129	5590	1211	12083120930B	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1407290089696	30-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1408300101424	2-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$129.76	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$40,569.50	5010	1100	3708	5560	5930	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$32,472.39	3230	1107	4290	5560	3530	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,635.96	5010	1100	3212	5560	5982	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$275.64	5010	1100	3212	5560	5982	14050112572	DO	1100	NA110000035	Batch 1552	91438	Electrical
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,714.60	3240	1107	4962	5560	3620	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1403290052652	31-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$15,052.91	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404030054356	4-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,689.93	3240	1107	4962	5560	3620	14032410239	DO	1100	NA120000110	Batch 1535	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404080055748	9-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	3250	1107	3669	5560	3620	14040310923	DO	1100	NA120000111	Batch 1534	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103978	10-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$89,703.14	5010	1100	3708	5560	5930	14090219939	DO	1100	NA120000111	Batch #1623	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$517.65	3250	1107	2501	5560	3650	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$7,500.02	5010	1100	3708	5560	5930	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$19,811.41	5010	1100	3708	5560	5930	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$495.99	3250	1107	2505	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,167.01	3250	1107	3652	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,329.06	5010	1100	3212	5560	5982	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1403290052738	31-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,457.28	3250	1107	2520	5560	3640	14031809933	DO	1100	NA120000111	Batch 1529	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404240060574	25-Apr-14	1100	4	LUC8310706	LUCIDITY CONSULTING GROUP LP	$1,001.60	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405050063156	6-May-14	1100	1	APE8321977	APEX SYSTEMS INC	$15,834.00	3250	1107	3635	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404080055872	9-Apr-14	1100	1	VS0000010098	Nipun Systems Inc.	$12,816.00	3250	1107	3468	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401210034202	22-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$13,197.82	3250	1107	3635	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403120047146	13-Mar-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$1,975.85	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1401220034550	23-Jan-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,681.99	5010	1100	3708	5560	5930	14011606586	DO	1100	NA120000111	Batch 1506	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403120047161	13-Mar-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$401.75	3250	1107	2500	5560	3620	MAX37566	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1401220034557	23-Jan-14	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$21,751.84	3060	1107	256	5560	1211	13071217315	DO	6100	CA130000008	2nd Street Bridge and Roadway Extension	91268	MANAGEMENT, CONSTRUCTION
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$11,483.16	5010	1100	3708	5560	5930	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$838.46	3250	1107	2501	5560	3650	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312210027644	23-Dec-13	1100	1	VC0000101330	WILSON BROS PECOS RANCH LP	$55,560.00	5010	1100	1328	5587	9230	13121605000	DO	1100	NA090000071	Annual rent for 2014Roond Mountain	97135	Land, Rental or Lease
AD1409230109068	24-Sep-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$5,678.25	5010	1100	8322	5725	9230	14042912383	DO	1100	NC140000002	Staff augmentation- Amir Kacimi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409150105670	16-Sep-14	1100	2	VS0000028329	Luna Data Solutions, Inc.	$2,828.00	3290	1107	5761	5725	3910	14060614652	DO	1100	NC140000002	Staff augmentation- Sailina Bhandari	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407080081914	9-Jul-14	1100	4	PEA8317748	CIMA SOLUTIONS GROUP LLC	$26,350.00	3290	1107	5421	5560	3910	14013107397	DO	1100	NC140000001	San Virtualization Project	92045	Software Maintenance/Support
AD1407080081928	9-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$26.28	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1407080081928	9-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1406030071619	4-Jun-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$357.00	5010	1100	3514	5280	5983	12030910023	DO	6100	PA110000030	CAD Support Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$23,125.00	3290	1107	5745	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409160106223	17-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1407160085427	17-Jul-14	6100	6	STA7106205	STANLEY CONSULTANTS INC	$336.76	3240	1107	4953	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407190086878	21-Jul-14	6100	1	HDR8318192	HDR ENGINEERING INC	$6,466.88	3060	1107	129	5590	1211	12083120930A	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant #3	92517	Civil Engineering
AD1407160085447	17-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1407160085447	17-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$96.51	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1401230034919	24-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$13,680.00	3250	1107	3468	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406020071117	3-Jun-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,106.08	3250	1107	2501	5560	3640	14052013671	DO	1100	NA120000111	Batch #1564	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079576	30-Jun-14	1100	12	ASP7019530	ASPLUNDH TREE EXPERT CO	$129,486.35	5010	1100	3708	5560	5930	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$518.24	5010	1100	3212	5560	5982	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1406280079648	30-Jun-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$119.78	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,720.45	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$283.81	3250	1107	2599	5560	3640	MAX40531	DOM	1100	NA110000035	ST128150	91438	Electrical
AD1406120074383	13-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$491.94	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406170075695	18-Jun-14	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$423.50	3250	1107	3594	5560	3670	MAX40128	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406100073533	11-Jun-14	1100	7	WRI8303917	WRIGHT TREE SVC INC	$99,358.81	5010	1100	3708	5560	5930	14052814083	DO	1100	NA120000111	Batch #1568	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$131,658.39	5010	1100	3708	5560	5930	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$126.36	5010	1100	3708	5560	5930	14022508611	DO	1100	NA120000111	Batch 13	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$9,937.72	5010	1100	3710	5560	5710	14022508617	DO	1100	NA120000110	Batch 1514	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$39,975.70	5010	1100	3710	5560	5710	14022508627	DO	1100	NA120000110	Batch 1518	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1403100046334	11-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$3,291.60	3250	1107	3635	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402030037234	4-Feb-14	6100	1	JAM8303623	WILLIAMS & THOMAS LP	$2,883.74	5010	1100	2225	5560	4171	13062516393	DO	6100	CA130000003	CTECC Office Reconfiguration	91231	CONSTRUCTION, REMODEL & ALTERA
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,471.47	5010	1100	3708	5560	5930	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093213	8-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$1,508.00	3290	1107	5748	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,128.70	3250	1107	2520	5560	3640	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$551.28	5010	1100	3212	5560	5982	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,307.68	5010	1100	3504	5560	5960	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1408070093243	8-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,062.80	3230	1107	3671	5560	3530	14073017843	DO	1100	NA120000110	Batch #1607	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,359.86	3250	1107	2599	5560	3640	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$109.74	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$205.44	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1408070093305	8-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$179.50	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1409020101712	3-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$250.50	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$767.81	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1409020101712	3-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$744.66	3250	1107	3107	5560	3670	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1409060102979	8-Sep-14	6100	1	BUR0879750	BURY HOLDINGS INC	$41,187.13	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	PR # 2.1 - 4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1409060103014	8-Sep-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$488.00	3250	1107	3106	5560	3670	MAX42535	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1408190096577	20-Aug-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$284.72	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1409030102018	4-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$172.96	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX42483	DOM	1100	NA110000035	ST132630	91438	Electrical
AD1408190096678	20-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1409030101900	4-Sep-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$15,573.00	3290	1107	5745	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408050092054	6-Aug-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$7,290.00	3060	1107	326	5590	1211	14050212701	DO	6100	PA130000018	PR # 1.3 // 3rd St Chilled Water System Impr	92533	ENGINEER SERVICES, PROFESSIONAL
AD1408040091806	5-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$473.03	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1312160025921	17-Dec-13	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$7,200.00	5010	1100	8324	5560	9304	13092321969	DO	1100	NC130000003	Install 60 CAT 6a 811	9621826	COMPUTER CABLE INSTALLATION
AD1312280028456	30-Dec-13	1100	1	APE8321977	APEX SYSTEMS INC	$892.50	3250	1107	3468	5560	3910	12101101075	DO	1100	NC130000002	Staff Augmentation_Backfill -Sunil Shenoy for c Cioffi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409250109970	26-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$12,001.02	5010	1100	3708	5560	5930	14091720978	DO	1100	NA120000111	Batch 1619	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1408270100198	28-Aug-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$1,666.00	5010	1100	1105	5590	9210	11112803754	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,067.53	3250	1107	3105	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409200107353	22-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$27,816.19	5010	1100	3708	5560	5930	14091120631	DO	1100	NA120000111	Batch #1614	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409200107355	22-Sep-14	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$12,296.40	3060	1107	256	5560	1211	13071217315	DO	6100	CA130000008	2nd Street Bridge and Roadway Extension	91268	MANAGEMENT, CONSTRUCTION
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,225.70	3250	1107	2505	5560	3650	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1407150084641	16-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$210.24	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$206.74	5010	1100	3212	5560	5982	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084702	16-Jul-14	1100	9	WRI8303917	WRIGHT TREE SVC INC	$50,404.53	5010	1100	3708	5560	5930	14070716331	DO	1100	NA120000111	Batch #1589	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405220068550	23-May-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$21,886.82	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,399.94	3230	1107	2955	5560	3530	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$733.50	3250	1107	3628	5560	3660	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310020001209	3-Oct-13	1100	1	APE8321977	APEX SYSTEMS INC	$21,525.00	3250	1107	3468	5560	3910	12101101075	DO	1100	NC130000002	Staff Augmentation_Backfill -Sunil Shenoy for c Cioffi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402010036929	3-Feb-14	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$2,257.50	5010	1100	1302	5620	9230	12060815582	DO	5700	PA120000027	Fayette Power Plant	96149	Legal Services, Attorneys
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$751.04	3250	1107	3658	5560	3620	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,132.49	5010	1100	3504	5560	5960	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$14,987.48	3250	1107	3685	5560	3660	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$430.65	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1405220068569	23-May-14	1100	8	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$376.75	3250	1107	3106	5560	3670	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407010080198	2-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$250.03	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1401130032520	14-Jan-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$28,923.00	3240	1107	4951	5560	3620	MAX32734	DOM	1100	NA120000169	Relay Construction - Arc Flash Mediation	9135660	RELAY CONSTRUCTION SERVICES (INCLUDES WIRING, TESTING, COMM
AD1407030081120	7-Jul-14	1100	15	LUC8310706	LUCIDITY CONSULTING GROUP LP	$4,006.40	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407030081120	7-Jul-14	1100	15	LUC8310706	LUCIDITY CONSULTING GROUP LP	$5,008.00	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$39,117.00	3250	1107	2510	5560	3640	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1312040022999	5-Dec-13	5700	1	LLO2915000	LLOYD GOSSELINK ROCHELLE & TOWNSEND PC	$16,948.51	5010	1100	1314	5620	9280	13112203863	DO	5700	PA100000059	2012 Rate Proceedings	96149	Legal Services, Attorneys
AD1403130047608	14-Mar-14	1100	6	LUC8310706	LUCIDITY CONSULTING GROUP LP	$25,796.54	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402270043664	28-Feb-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$1,905.19	5010	1100	1307	5590	9210	12062116487	DO	6100	PA080000085	Holly Sediment Project	92535	Environmental Engineering
AD1403130047608	14-Mar-14	1100	5	LUC8310706	LUCIDITY CONSULTING GROUP LP	$17,253.53	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,131.89	5010	1100	3504	5560	5960	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,063.93	3240	1107	4001	5560	3620	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$17,221.27	3240	1107	4962	5560	3620	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$942.35	3230	1107	1521	5560	3530	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,306.97	3250	1107	3597	5560	3730	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$413.46	5010	1100	3212	5560	5982	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1311060012706	7-Nov-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$6,853.05	5010	1100	1307	5590	9210	12090721206	DO	6100	PA100000043	Air Quality Permitting for Austin Energy Facilities	92535	Environmental Engineering
AD1310260008206	28-Oct-13	6100	1	GUE2157000	JOSE I GUERRA INC	$9,304.20	5010	1100	2224	5590	4171	13071517371	DO	6100	PA120000006	Domain - Master Plan	92567	Mechanical Engineering
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$40,001.13	3250	1107	2520	5560	3640	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1405060063577	7-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$42,459.77	5010	1100	3708	5560	5930	14031910055	DO	1100	NA120000111	Batch 1532	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,103.09	3240	1107	4959	5560	3620	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX38818	DOM	1100	NA110000035	ST125470	91438	Electrical
AD1405010062376	2-May-14	1100	2	PEA8317748	CIMA SOLUTIONS GROUP LLC	$26,350.00	3290	1107	5421	5560	3910	14013107397	DO	1100	NC140000001	San Virtualization Project	92045	Software Maintenance/Support
AD1404290061879	30-Apr-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$12,792.60	3250	1107	3635	5560	3910	13100700702	DO	1100	NC140000002	Staff augmentation-John Halter	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$291.82	3250	1107	2506	5560	3660	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$52,976.50	5010	1100	3708	5560	5930	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405150066284	16-May-14	1100	3	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	3250	1107	2506	5560	3650	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405060063764	7-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$67.60	3250	1107	3766	5560	3620	14042512271	DO	1100	NA120000111	Batch #1548	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404300062123	1-May-14	1100	1	V00000914964	The Evolvers Group, L.P.	$21,840.00	3250	1107	3635	5590	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,374.44	3250	1107	2501	5560	3650	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403110046864	12-Mar-14	1100	1	V00000909300	Juliee Beyt	$600.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$4,558.67	3250	1107	2510	5560	3640	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402190041260	20-Feb-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$44,984.00	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1408180096305	19-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$810.90	3250	1107	2599	5560	3640	MAX41935	DOM	1100	NA110000035	ST130860	91438	Electrical
AD1408180096305	19-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1405170066877	19-May-14	5700	1	MAX7144235	MAX RENEA HICKS	$876.82	5010	1100	1302	5620	9210	13102201824	DO	5700	PA070000056	COA v Whittington	96149	Legal Services, Attorneys
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,164.26	5010	1100	3504	5560	5960	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1402190041308	20-Feb-14	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$209.00	5010	1100	3510	5560	5840	MAX35424	DOM	1100	S060166	GLOVE TESTING	96148	Laboratory and Field Testing Services (Not Otherwi
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,818.54	3250	1107	2508	5560	3690	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$10,510.13	5010	1100	3708	5560	5930	13111203148	DO	1100	NA120000111	Batch 1488	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$383.36	3250	1107	2505	5560	3650	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311120014267	13-Nov-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$463.50	5010	1100	3404	5560	5710	MAX33264	DOM	1100	NA100000024	Traffic Control for Ckt 811	98176	Traffic Control Equipment and Accessories Rental o
AD1311070013021	8-Nov-13	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$12,320.00	3250	1107	3468	5230	3910	13081219167	DO	1100	NC130000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088414	24-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$141.91	3250	1107	2599	5560	3650	MAX41022	DOM	1100	NA110000035	ST123360	91438	Electrical
AD1407230088414	24-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$709.55	3250	1107	2599	5560	3650	MAX41022	DOM	1100	NA110000035	ST123360	91438	Electrical
AD1408300101424	2-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,132.62	3250	1107	2599	5560	3640	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,382.45	5010	1100	3510	5560	5941	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$21,767.21	3250	1107	3586	5560	3730	14050112572	DO	1100	NA110000035	Batch 1552	91438	Electrical
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,644.77	5010	1100	3212	5560	5982	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,605.60	3230	1107	4290	5560	3530	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1404140057237	15-Apr-14	1100	1	JBT8302036	JAMES B. TEMPLETON	$4,434.16	3230	1107	1521	5590	3530	MAX38398	DOM	1100	NA1400000042	Transformer Consultant for GF-AT2 Inspection	91832	CONSULTING SERVICES (NOT OTHERWISE CLASSIFIED)
AD1405190067263	20-May-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$662.76	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1409080103704	9-Sep-14	1100	1	VS0000029594	Primate Technologies, Inc.	$14,900.00	3310	1107	5324	5590	3980	14052313905	DO	1100	NA110000045	ADMS/CC 2nd Milestone	20811	Application Software, Microcomputer
AD1404080055877	9-Apr-14	1100	1	VS0000032630	Seaholm Power Development LLC	$154,683.65	3060	1107	257	5560	1211	MAX38274	DOM	1100	NA140000052	2nd Payment for seaholm chilled water piping	91360	Construction, Water System, Main and Service Line
AD1405050063187	6-May-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$15,040.00	3250	1107	3468	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,065.37	3250	1107	2505	5560	3660	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$14,326.38	3250	1107	3720	5560	3640	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$69,740.85	5010	1100	3710	5560	5710	13120904639	DO	1100	NA120000110	Batch 1494	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$664.79	5010	1100	3215	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$388.32	5010	1100	3708	5560	5930	14091720958	DO	1100	NA120000111	Batch #1637	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$8,996.85	5010	1100	3708	5560	5930	14092321352	DO	1100	NA120000111	Batch 1645	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110925	30-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$410.55	5010	1100	3514	5280	5983	12030910023	DO	6100	PA110000030	CAD Support Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1409150105634	16-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409150105670	16-Sep-14	1100	2	VS0000028329	Luna Data Solutions, Inc.	$2,262.40	3290	1107	5761	5725	3910	14060614652	DO	1100	NC140000002	Staff augmentation- Sailina Bhandari	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409160106223	17-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$660.21	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1407080081928	9-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$329.76	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$1,720.45	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical
AD1407080081928	9-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical
AD1407080081928	9-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,835.78	3230	1107	4287	5560	3530	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$174,037.43	3250	1107	3669	5560	3620	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1406050072236	6-Jun-14	1100	3	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,721.89	3250	1107	2506	5560	3660	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406230077842	24-Jun-14	1100	4	WRI8303917	WRIGHT TREE SVC INC	$2,062.80	3250	1107	2520	5560	3640	14061114909	DO	1100	NA120000111	Batch #1578	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081910	9-Jul-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$8,671.00	5010	1100	3504	5560	5960	MAX38555	DOM	1100	NA100000024	TRAFFIC FOR N-LINE	98176	Traffic Control Equipment and Accessories Rental o
AD1409160106223	17-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$70.28	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1408020091176	4-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$272.40	3250	1107	2506	5560	9210	14072517594	DO	1100	NA120000111	Batch #1601	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407160085427	17-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$3,748.72	5010	1100	3202	5590	5620	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1402150040355	18-Feb-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$1,982.79	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1401220034645	23-Jan-14	1100	1	VS0000010098	Nipun Systems Inc.	$13,528.00	3250	1107	3468	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,501.50	5010	1100	3212	5560	5982	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1405290070058	30-May-14	6100	2	JAM8303623	WILLIAMS & THOMAS LP	$76,545.00	3290	1107	5742	5560	3900	13123105618	DO	6100	CA130000003	Decker PP Admin. Bldg. Renovation	91231	CONSTRUCTION, REMODEL & ALTERA
AD1406110074003	12-Jun-14	1100	5	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,163.81	3250	1107	3676	5560	3620	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401220034655	23-Jan-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$12,602.51	5010	1100	8321	5280	9230	13100100214	DO	1100	NC140000002	Staff augmentation-Alex Flores	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079648	30-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$500.06	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1405240069105	27-May-14	1100	1	VS0000032630	Seaholm Power Development LLC	$4,932.48	3060	1107	257	5560	1211	MAX39723	DOM	1100	NA140000052	Invoice #5 for Seaholm Transmission line	91360	Construction, Water System, Main and Service Line
AD1406280079648	30-Jun-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406280079648	30-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40531	DOM	1100	NA110000035	ST128150	91438	Electrical
AD1405240069167	27-May-14	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$14,281.43	3060	1107	256	5560	1211	13071217315	DO	6100	CA130000008	2nd Street Bridge and Roadway Extension	91268	MANAGEMENT, CONSTRUCTION
AD1406120074383	13-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$139.42	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$764.88	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1403150048057	17-Mar-14	1100	2	MET7046770	METALINK CORP	$687.00	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1403100046334	11-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$21,288.39	3250	1107	3468	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402150040396	18-Feb-14	6000	1	SCI7046490	SCIENTIFIC INVESTIGATION & INSTRUCTION INSTITUTE	$400.00	5010	1100	1307	5590	9302	14020507593	DO	6000	NA090000113	Training for AE/Ronald Overbo and Charles Tucker	9243518	TRAINING, ASBESTOS CERTIFICATION
AD1408070093207	8-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$7,918.68	3290	1107	5748	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$33,193.54	5010	1100	3215	5560	5982	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1408070093243	8-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,545.31	5010	1100	3710	5560	5710	14073017843	DO	1100	NA120000110	Batch #1607	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,809.97	3250	1107	2506	5560	3660	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$294.04	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1408070093305	8-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$540.60	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1408070093305	8-Aug-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX42147	DOM	1100	NA110000035	ST131691	91438	Electrical
AD1409020101712	3-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1409060102979	8-Sep-14	6100	1	BUR0879750	BURY HOLDINGS INC	$13,618.29	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1409030101955	4-Sep-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$487.59	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon. Phase II - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1409030101955	4-Sep-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$487.59	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon Phase 2 - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1408190096572	20-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,684.82	3230	1107	4286	5560	3530	14081118524	DO	1100	NA120000110	Batch #1598	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,517.02	3250	1107	2510	5560	3640	14082719696	DO	1100	NA110000035	Batch #1629	91438	Electrical
AD1408190096678	20-Aug-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408040091806	5-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$129.72	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX41575	DOM	1100	NA110000035	ST130552	91438	Electrical
AD1408040091732	5-Aug-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$30.64	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon. Phase II - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1312170026556	18-Dec-13	5700	1	WES8305952	CLARENCE A. WEST	$45.00	5010	1100	1302	5620	9210	13072217806	DO	5700	PA130000060	Telecommunication	96149	Legal Services, Attorneys
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$757.32	3250	1107	2520	5560	3640	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,345.21	5010	1100	3510	5560	5941	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1408160095777	18-Aug-14	1100	1	V00000909300	Juliee Beyt	$450.00	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1409250109970	26-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$377.52	3250	1107	3734	5560	3620	14091720978	DO	1100	NA120000111	Batch 1619	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250109970	26-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$16,356.16	5010	1100	3708	5560	5930	14091720978	DO	1100	NA120000111	Batch 1619	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical
AD1409180107150	19-Sep-14	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$85,405.38	5010	1100	1105	5560	9230	14063015993	DO	1100	NC140000003	Wiring Upgrade	9621826	COMPUTER CABLE INSTALLATION
AD1409170106724	18-Sep-14	1100	24	LUC8310706	LUCIDITY CONSULTING GROUP LP	$12,147.71	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402060038455	7-Feb-14	6100	1	HDR8318192	HDR ENGINEERING INC	$4,279.79	3060	1107	129	5590	1211	12083120930B	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$125.16	3250	1107	3538	5560	3620	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,796.08	3250	1107	2520	5560	3640	13110803114	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310210006930	22-Oct-13	5500	1	VS0000037094	NADAAA, Inc.	$26,235.83	3240	1107	4853	5280	3610	11092201575	CT	5500		Seaholm Substation Wall Art in Public Places (AIPP)	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1407100082890	11-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$283.81	3250	1107	2599	5560	3640	MAX40887	DOM	1100	NA110000035	ST121820	91438	Electrical
AD1407150084641	16-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX40987	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1407150084701	16-Jul-14	1100	1	WOR8311005	RONALD GILDEN MARKS	$210.00	5010	1100	1121	5280	9230	14051313203	DO	1100	NA130000162	Pay invoices for services performed.	93921	Computers, Data Processing Equipment, Maintenance and Repair
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$16,814.81	3230	1107	4284	5560	3530	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310080002941	9-Oct-13	6100	1	ACR0045900	ACR ENGINEERING INC	$100.00	3060	1107	127	5590	1211	12120604704	DO	6100	PA080000064	CW Pipe Construction for Distribution System	91842	Engineering Consulting
AD1310030001743	4-Oct-13	5700	1	VS0000036042	Perkins Coie LLP	$340.00	5010	1100	1302	5620	9230	13010906384	DO	5700	PA130000011	AE Compliance of Risk Management	96149	Legal Services, Attorneys
AD1310070002541	8-Oct-13	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$608.00	3250	1107	3594	5560	3670	MAX33140	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311050012360	6-Nov-13	6100	2	MAL6026965	MALDONADO NURSERY & LANDSCAPING INC	$1,522.88	3240	1107	4793	5560	3610	12011900500	CT	6100		Mueller Substation Landscaping & Irrigation System - Rebid	91227	Construction, Irrigation System
AD1402260043236	27-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$328.50	5010	1100	3404	5560	5710	MAX36181	DOM	1100	NA100000024	Various lane closures for Circuit 826 maintenance.	98176	Traffic Control Equipment and Accessories Rental o
AD1402260043236	27-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$830.25	3250	1107	2510	5560	3640	MAX35459	DOM	1100	NA100000024	WR # 105660 LANE CLOSURE @ 2900 MANOR RD	98176	Traffic Control Equipment and Accessories Rental o
AD1402100038900	11-Feb-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$15,200.00	3250	1107	3635	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405220068569	23-May-14	1100	9	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$304.00	3250	1107	3644	5560	3660	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1405220068569	23-May-14	1100	6	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$409.25	3250	1107	3108	5560	3670	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1405220068580	23-May-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1405220068580	23-May-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1407010080198	2-Jul-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$152.71	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,264.16	3250	1107	2520	5560	3640	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1311050012458	6-Nov-13	1100	1	VS0000035305	Bansar Technologies Inc	$12,920.00	3250	1107	3635	5590	3700	13081419368	DO	1100	NC130000002	Staff augmentation-Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402060038452	7-Feb-14	6100	1	GUE2157000	JOSE I GUERRA INC	$307.17	3060	1107	302	5590	1211	13071517369	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$375.38	5010	1100	3514	5280	5983	12030910023	DO	6100	PA110000030	CAD Support Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,745.73	3250	1107	2505	5560	3660	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1401080031158	9-Jan-14	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$406.50	3250	1107	2510	5560	3640	MAX35959	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$17,403.34	3250	1107	2520	5560	3640	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,660.75	3250	1107	2506	5560	3650	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,831.18	5010	1100	3504	5560	5960	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1310100003754	11-Oct-13	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$1,454.50	3250	1107	3594	5560	3670	MAX33140	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,620.58	3250	1107	2500	5560	3620	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405170066926	19-May-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX38818	DOM	1100	NA110000035	ST125470	91438	Electrical
AD1405170066926	19-May-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX38818	DOM	1100	NA110000035	ST125470	91438	Electrical
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,685.83	3250	1107	2501	5560	3660	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,888.35	3240	1107	4964	5560	3620	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$500.80	3250	1107	2505	5560	3660	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1408090093732	11-Aug-14	6100	1	ACR0045900	ACR ENGINEERING INC	$4,728.00	3310	1107	5327	5590	3910	9031601079	CT	6100		Austin Energy Control Center Commissioning Services	91231	CONSTRUCTION, REMODEL & ALTERA
AD1408260099260	27-Aug-14	1100	2	VS0000019899	National Human Resource Group, Inc.	$5,355.00	5010	1100	8323	5725	9230	13100100259	DO	1100	NC140000002	Staff augmentation-Cullen Lisbony back fill by Rory Ridley	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405150066284	16-May-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	3250	1107	2502	5560	3650	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$42,771.41	3250	1107	2520	5560	3640	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1408260099253	27-Aug-14	1100	2	VS0000010098	Nipun Systems Inc.	$15,931.00	3290	1107	5745	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096292	19-Aug-14	1100	2	TEX8311381	TEXAS GOVLINK INC	$8,098.75	3290	1107	5760	5725	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$22,968.07	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$880.52	5010	1100	3215	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$28,684.36	3240	1107	4969	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$405.59	3230	1107	1517	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403220050352	24-Mar-14	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$3,148.44	5010	1100	8324	5560	9304	14010906205	DO	1100	NC140000003	Clean up cablin in IDF 4th flr	9621826	COMPUTER CABLE INSTALLATION
AD1402190041316	20-Feb-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$193.50	5010	1100	3644	5560	3660	MAX37125	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1404010053595	2-Apr-14	6100	1	HDR8318192	HDR ENGINEERING INC	$4,001.42	3060	1107	129	5590	1211	12083120930B	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$19,150.00	3250	1107	2520	5560	3640	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,169.35	3250	1107	2520	5560	3640	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$483.06	3250	1107	3107	5560	3670	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$839.84	5010	1100	3504	5560	5960	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1310090003323	10-Oct-13	6100	1	CAR7009105	CARTER & BURGESS INC	$63,330.34	3060	1107	284	5590	1211	12051814379	DO	6100	PA080000064	Engineering Serv. for Energy Plants and Dist. Sys. - Part B	91842	Engineering Consulting
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,828.40	5010	1100	3504	5560	5960	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1407230088414	24-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$154.06	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1404140057135	15-Apr-14	1100	3	VS0000032630	Seaholm Power Development LLC	$277.20	3060	1107	322	5590	1211	MAX38536	DOM	1100	NA140000052	Payapp #3 Seaholm Chilled Water Piping	91360	Construction, Water System, Main and Service Line
AD1404010053552	2-Apr-14	6100	1	ACR0045900	ACR ENGINEERING INC	$967.50	5010	1100	2222	5590	4171	12071717939	DO	6100	PA080000064	CAD Services	91842	Engineering Consulting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$29,443.82	3230	1107	1522	5560	3530	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$450.45	3250	1107	3105	5560	3660	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405130065744	14-May-14	5700	1	LLO2915000	LLOYD GOSSELINK ROCHELLE & TOWNSEND PC	$11,739.90	5010	1100	1314	5620	9280	13112203863	DO	5700	PA100000059	2012 Rate Proceedings	96149	Legal Services, Attorneys
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,503.39	3250	1107	2500	5560	3620	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$21,370.47	3250	1107	2520	5560	3640	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1405120065201	13-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,232.25	5010	1100	3708	5560	5930	14050612797	DO	1100	NA120000111	Batch 1545	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,302.52	5010	1100	3710	5560	5710	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$959.28	3250	1107	2502	5560	3650	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1409150105610	16-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$990.04	3230	1107	1530	5590	3520	14050512743	DO	6100	PA110000030	PR # 1.32, Austrop Yard Improvements	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1408230098481	25-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,634.40	3250	1107	2520	5560	3640	14081518881	DO	1100	NA120000111	Batch #1609	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,102.70	3250	1107	2510	5560	3640	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,289.43	3250	1107	2505	5560	3650	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1405050063156	6-May-14	1100	1	APE8321977	APEX SYSTEMS INC	$21,625.00	3250	1107	3468	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403120047150	13-Mar-14	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$348.75	5010	1100	3504	5560	5930	MAX37276	DOM	1100	S060166	LCRA Rubber Good Invoice T4M-0010946	96148	Laboratory and Field Testing Services (Not Otherwi
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$689.10	5010	1100	3212	5560	5982	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$71,609.90	3250	1107	3728	5560	3620	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$8,178.50	5010	1100	3215	5560	5982	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312180026981	19-Dec-13	1100	1	V00000910827	The Anfield Group	$40,000.00	5010	1100	8322	5280	9230	13060300626	CT	1100		Audit Preparation Services	91800	CONSULTING SERVICES
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,552.39	3240	1107	4854	5560	3620	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$902.38	5010	1100	3212	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,421.80	5010	1100	3212	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$9,708.15	5010	1100	3708	5560	5930	14091720958	DO	1100	NA120000111	Batch #1637	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$12,203.84	5010	1100	3708	5560	5930	14091720958	DO	1100	NA120000111	Batch #1637	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$101,954.34	5010	1100	3708	5560	5930	14092321352	DO	1100	NA120000111	Batch 1645	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409160106223	17-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1409160106223	17-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$374.37	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1407080081928	9-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical
AD1407080081928	9-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,325.58	3250	1107	3597	5560	3730	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,619.51	5010	1100	3212	5560	5982	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1409160106223	17-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$3,649.14	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$239.56	3250	1107	2599	5560	3640	MAX42713	DOM	1100	NA110000035	ST127040	91438	Electrical
AD1407160085447	17-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1407160085447	17-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1407210087397	22-Jul-14	1100	1	VS0000007972	SENTARI TECHNOLOGIES INC	$28,606.25	5010	1100	8322	5725	9230	14031009443	DO	1100	NC140000002	Staff augmentation-Rakesh Myaka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401220034594	23-Jan-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$9,665.52	3250	1107	3635	5560	3910	13100700702	DO	1100	NC140000002	Staff augmentation-John Halter	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,175.72	3240	1107	4962	5560	3620	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$397.79	5010	1100	3212	5560	5982	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079648	30-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$96.51	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$660.21	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39654	DOM	1100	NA110000035	ST 126003	91438	Electrical
AD1406120074383	13-Jun-14	1100	24	V00000914477	PIKE ENTERPRISES INC	$402.83	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1405270069524	28-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$961.36	3250	1107	2501	5560	3650	14051613496	DO	1100	NA120000111	Batch #1563	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407220088153	23-Jul-14	1100	1	V00000916433	Culture Change Consultants, Inc	$53,731.63	5010	1100	8996	5280	5880	MAX34091	CTM	1100		Safety Culture Assessment	91893	Security/Safety Consulting
AD1407120083595	14-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1403150048057	17-Mar-14	1100	2	MET7046770	METALINK CORP	$4,690.20	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,382.19	3250	1107	3569	5560	3650	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,979.12	3250	1107	3656	5560	3620	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1401150033224	16-Jan-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$947.08	3250	1107	2501	5560	3650	14011306379	DO	1100	NA120000111	Batch 1505	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,125.88	3250	1107	2501	5560	3650	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401230035028	24-Jan-14	5700	1	WES8305952	CLARENCE A. WEST	$487.50	5010	1100	1302	5620	9210	13072217806	DO	5700	PA130000060	Telecommunication	96149	Legal Services, Attorneys
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$24,047.72	3240	1107	4958	5560	3620	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$715.36	3250	1107	2500	5560	3620	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,260.64	3250	1107	2037	5560	3640	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,317.86	5010	1100	3215	5560	5982	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,790.75	5010	1100	3404	5560	5710	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$826.92	5010	1100	3404	5560	5960	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1408070093305	8-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$764.88	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$125.66	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$3,649.14	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$197.10	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1409020101712	3-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$281.76	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$658.41	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$884.17	3250	1107	2501	5560	3660	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1406240078594	25-Jun-14	1100	2	SMS8302717	SMS LLC	$12,795.76	3290	1107	5705	5560	3900	14031309710	DO	1100	NS070000025	O & M for ISMS & CIP for ISMS	20789	Testing Equipment for Computers and Related Equipm
AD1409020101712	3-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$464.02	3250	1107	2508	5560	3690	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1409030102018	4-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$25.90	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1408190096678	20-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1408190096678	20-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$197.10	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$724.26	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	31	V00000914477	PIKE ENTERPRISES INC	$275.72	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091806	5-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$886.48	3250	1107	2599	5560	3640	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,666.04	5010	1100	3708	5560	5930	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028456	30-Dec-13	1100	1	APE8321977	APEX SYSTEMS INC	$760.00	3250	1107	3480	5560	3910	13091221301	DO	1100	NC130000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406160075179	17-Jun-14	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$14,533.00	3240	1107	4845	5560	1211	14021908255	DO	6100	CA130000008	New Cen. Library - Seaholm Substation Wall	91268	MANAGEMENT, CONSTRUCTION
AD1407030081194	7-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407030081194	7-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407030081194	7-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$139.42	3250	1107	2599	5560	3640	MAX40539	DOM	1100	NA110000035	ST128973	91438	Electrical
AD1407100082890	11-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1409250110039	26-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$491.84	3250	1107	2500	5560	3620	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$635.60	3250	1107	2510	5560	3640	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1312160025974	17-Dec-13	1100	1	VC0000102886	TIME WARNER ENTERTAINMENT COMPANY LP	$1,176.54	3310	1107	5342	5560	3910	12102402036	DO	1100	NA130000004	Cable services for SCC Center	91524	Cable Television Services (Includdes Pay-Per-View
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,796.13	3250	1107	2501	5560	3650	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$82,992.38	5010	1100	3710	5560	5710	14012306959	DO	1100	NA120000110	Batch 1508	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,581.32	3250	1107	2505	5560	3650	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1409200107353	22-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$11,238.12	5010	1100	3708	5560	5930	14091120631	DO	1100	NA120000111	Batch #1614	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,747.99	5010	1100	3504	5560	5960	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,453.32	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1407100082890	11-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407100082890	11-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407150084641	16-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$1,316.82	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$540.60	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$29.65	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$886.32	3250	1107	2505	5560	3650	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,363.71	3250	1107	2502	5560	3660	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409220108622	23-Sep-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$248.50	3250	1107	3594	5560	3670	MAX41341	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1309300000289	1-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$217,737.00	3230	1107	2933	5560	3530	MAX33632	DOM	1100	NA120000169	Relay Services for DL Substation	9135660	RELAY CONSTRUCTION SERVICES (INCLUDES WIRING, TESTING, COMM
AD1310070002541	8-Oct-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$313.50	3250	1107	3107	5560	3670	MAX33754	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$473.97	3250	1107	3107	5560	3670	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,753.67	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038916	11-Feb-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$10,881.00	3250	1107	3468	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405220068569	23-May-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$449.00	3250	1107	3105	5560	3660	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406210077249	23-Jun-14	1100	7	ASP7019530	ASPLUNDH TREE EXPERT CO	$14,604.22	5010	1100	3708	5560	5930	14061715220	DO	1100	NA120000111	Batch #1579	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$45,804.52	3250	1107	3629	5560	3620	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1406300079957	1-Jul-14	6100	1	VS0000012728	ELLERBE BECKET INC	$66,471.49	3310	1107	5327	5590	3900	9050601373	CT	6100		New Energy Control Center	90607	Architect Services, Professional
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$21,446.78	3250	1107	3446	5560	3730	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$77,946.10	3250	1107	3683	5560	3620	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$340.24	3250	1107	3691	5560	3620	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1403130047608	14-Mar-14	1100	4	LUC8310706	LUCIDITY CONSULTING GROUP LP	$2,629.20	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,515.94	5010	1100	3504	5560	5960	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$380.74	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,882.42	3250	1107	2501	5560	3650	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,862.15	3250	1107	2506	5560	3660	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$483.99	5010	1100	3403	5560	5930	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$34,661.20	3250	1107	3586	5560	3730	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$47,519.17	5010	1100	3404	5560	5710	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,822.34	3250	1107	3110	5560	3660	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$161,206.08	5010	1100	3708	5560	5930	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311160015169	18-Nov-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$338.50	3250	1107	2510	5560	3640	MAX33254	DOM	1100	NA100000024	LANE CLOSURE FOR WR# 102710 @ 1500 FERGUSON LN	98176	Traffic Control Equipment and Accessories Rental o
AD1310300010858	31-Oct-13	1100	1	V00000913527	Marvin Randy Sowell	$5,000.00	5010	1100	1328	5587	9230	13042900521	CT	1100		Toyah Solar Surfacr Rights Consulting	91812	Analytical Studies and Surveys (Consulting)
AD1402040037628	5-Feb-14	1100	1	APE8321977	APEX SYSTEMS INC	$19,000.00	3250	1107	3468	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402040037664	5-Feb-14	1100	1	APE8321977	APEX SYSTEMS INC	$5,600.00	3250	1107	3480	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404100056577	11-Apr-14	1100	1	V00000914964	The Evolvers Group, L.P.	$21,190.00	3250	1107	3635	5590	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,122.62	3250	1107	2520	5560	3640	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,729.11	3230	1107	3645	5560	3530	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,097.65	3250	1107	3689	5560	3660	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1405150066284	16-May-14	1100	8	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,661.89	5010	1100	3708	5560	5930	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405060063764	7-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$76.10	5010	1100	3708	5560	5930	14042512271	DO	1100	NA120000111	Batch #1548	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405060063764	7-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$25,276.97	5010	1100	3708	5560	5930	14042512271	DO	1100	NA120000111	Batch #1548	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403200049460	21-Mar-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$766.00	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,004.92	3250	1107	3446	5560	3730	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1408130095169	14-Aug-14	1100	1	CAR8317206	CARAHSOFT TECHNOLOGY CORP	$586,184.72	5010	1100	8322	5280	9230	14062715856	DO	1100	NC140000001	Software Maintenance	92045	Software Maintenance/Support
AD1408180096305	19-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41935	DOM	1100	NA110000035	ST130860	91438	Electrical
AD1408180096305	19-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$810.90	3250	1107	2599	5560	3640	MAX41943	DOM	1100	NA110000035	ST131382	91438	Electrical
AD1408180096305	19-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX41943	DOM	1100	NA110000035	ST131382	91438	Electrical
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$27,094.46	3230	1107	3671	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,183.31	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$5,151.05	3250	1107	3468	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088414	24-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$3,160.42	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1407230088414	24-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1407290089696	30-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1407290089696	30-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1405210068152	22-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$13,199.06	5010	1100	3711	5590	5880	13090620830	DO	6100	PA110000030	Interconnect Studies Support	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$202.80	3250	1107	2599	5560	3640	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405080064534	9-May-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$376.95	3230	1107	2933	5590	3520	13052014169	DO	6100	PA110000030	Austin Energy's Construction Materials Testing Services Mult	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,864.83	5010	1100	3212	5560	5982	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,163.87	5010	1100	3710	5560	5710	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1404080055756	9-Apr-14	1100	4	LUC8310706	LUCIDITY CONSULTING GROUP LP	$5,258.40	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$251.55	3250	1107	2037	5560	3640	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1405050063156	6-May-14	1100	1	APE8321977	APEX SYSTEMS INC	$20,066.97	3250	1107	3468	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$3,040.00	3250	1107	3480	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402150040307	18-Feb-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$1,650.00	5010	1100	1105	5590	9210	1111280375 4D	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1403130047697	14-Mar-14	1100	1	VS0000029594	Primate Technologies, Inc.	$40,247.50	3310	1107	5324	5590	3980	11030411683	DO	1100	NA110000045	Engineering Services & Software for Interfacing SCADA/EMS &	20811	Application Software, Microcomputer
AD1404020053940	3-Apr-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$17,024.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,179.97	5010	1100	3504	5560	5940	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$262.80	3250	1107	2501	5560	3650	14091720958	DO	1100	NA120000111	Batch #1637	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409150105634	16-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1407080081928	9-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX40371	DOM	1100	NA110000035	ST127421	91438	Electrical
AD1407080081928	9-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40371	DOM	1100	NA110000035	ST127421	91438	Electrical
AD1407080081928	9-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$432.50	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	26	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$910.70	3250	1107	2506	5560	3650	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$557.28	5010	1100	3212	5560	5982	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406230077842	24-Jun-14	1100	9	WRI8303917	WRIGHT TREE SVC INC	$17,979.76	5010	1100	3708	5560	5930	14061114909	DO	1100	NA120000111	Batch #1578	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$11,125.00	3290	1107	5745	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409160106223	17-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1409240109455	25-Sep-14	6100	2	MUN7143465	MUNIZ CONCRETE & CONTRACTING INC	$17,082.33	5010	1100	1106	5560	5880	14031910011	DO	6100	CA140000003	Grp. 15 - ADA Sidewalk / Ramp Imprv	91347	Construction, Sidewalk and Driveway (incl Handicapped ramps)
AD1407160085427	17-Jul-14	6100	3	STA7106205	STANLEY CONSULTANTS INC	$702.52	3230	1107	2933	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,471.02	3240	1107	4959	5560	3530	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,057.98	3240	1107	4964	5560	3620	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1401230034964	24-Jan-14	1100	3	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$182.50	3250	1107	4899	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079648	30-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$675.75	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$205.44	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406120074362	13-Jun-14	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$334.00	3250	1107	3612	5560	3660	MAX38691	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$91.91	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$70.28	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39654	DOM	1100	NA110000035	ST 126003	91438	Electrical
AD1406120074383	13-Jun-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1405270069524	28-May-14	1100	3	WRI8303917	WRIGHT TREE SVC INC	$135.20	3250	1107	2506	5560	3650	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405270069524	28-May-14	1100	5	WRI8303917	WRIGHT TREE SVC INC	$135.20	3250	1107	2520	5560	3640	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407120083595	14-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$545.04	5010	1100	3212	5560	5982	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$14,801.48	5010	1100	3708	5560	5930	14022508611	DO	1100	NA120000111	Batch 13	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$1,402.69	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$173.27	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1409020101712	3-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$1,491.77	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	30	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409060103047	8-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1408190096678	20-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	27	V00000914477	PIKE ENTERPRISES INC	$6,081.90	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091806	5-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1407310090766	1-Aug-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$10,387.61	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$16,440.95	3250	1107	2506	5560	3650	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1405270069401	28-May-14	1100	6	ASP7019530	ASPLUNDH TREE EXPERT CO	$13,135.69	5010	1100	3708	5560	5930	14051513380	DO	1100	NA120000111	Batch #1557	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$170.25	5010	1100	3708	5560	5930	14070916538	DO	1100	NA120000111	Batch #1593	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406240078596	25-Jun-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$30,233.55	3230	1107	2964	5590	3530	13120304268	DO	6100	PA110000030	Hamilton HM-123 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1408270100234	28-Aug-14	1100	1	MET7046770	METALINK CORP	$34,274.00	3060	1107	129	5560	1211	MAX40990	CTM	1100		RFQ for purchase and install of fence at DCP3	98136	Fencing Rental or Lease
AD1408160095808	18-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$345.10	3250	1107	2506	5560	3660	14080618276	DO	1100	NA120000111	Batch #1611	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110015	26-Sep-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$418.00	3290	1107	5755	5560	3900	MAX42915	DOM	1100	NA100000024	traffic control for longorn dam repair	98176	Traffic Control Equipment and Accessories Rental o
AD1310210006878	22-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$2,305.58	3290	1107	5415	5590	3900	11122705273	DO	6100	PA080000085	SPCC Spill Containment Design Proj.	92535	Environmental Engineering
AD1311110014065	12-Nov-13	1100	1	VC0000102886	TIME WARNER ENTERTAINMENT COMPANY LP	$1,782.27	3310	1107	5342	5560	3910	12102402036	DO	1100	NA130000004	Cable services for SCC Center	91524	Cable Television Services (Includdes Pay-Per-View
AD1310230007609	24-Oct-13	6100	1	ACR0045900	ACR ENGINEERING INC	$385.00	5010	1100	2221	5590	4171	13022109284	DO	6100	PA080000064	Design Coordination	91842	Engineering Consulting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,194.33	3250	1107	3531	5560	3620	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1409250110039	26-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409170106724	18-Sep-14	1100	29	LUC8310706	LUCIDITY CONSULTING GROUP LP	$59.36	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	31	LUC8310706	LUCIDITY CONSULTING GROUP LP	$7,762.40	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	38	LUC8310706	LUCIDITY CONSULTING GROUP LP	$29,816.78	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,339.52	3250	1107	4570	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1407150084413	16-Jul-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$6,223.75	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407100082890	11-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,640.84	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407100082890	11-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$1,755.76	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407150084641	16-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$74.63	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407150084641	16-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$11.85	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$447.72	3250	1107	2599	5560	3640	MAX40987	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1312250027971	26-Dec-13	1100	1	VS0000019899	National Human Resource Group, Inc.	$13,978.13	5010	1100	8321	5280	9230	13100100214	DO	1100	NC140000002	Staff augmentation-Alex Flores	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312300028658	31-Dec-13	1100	1	ENV1756650	FERKAM MANAGEMENT CORPORATION	$2,025.00	5010	1100	1307	5590	9350	12051714279	DO	1100	NA110000155	asbetos & air monitoring services	9103820	ASBESTOS REMOVAL SERVICES
AD1312180026857	19-Dec-13	6100	3	STA7106205	STANLEY CONSULTANTS INC	$10,095.01	3230	1107	2933	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407150084702	16-Jul-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$1,068.04	3250	1107	2506	5560	3650	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407010080062	2-Jul-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$1,823.30	5010	1100	1105	5590	9210	11112803754	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1406210077218	23-Jun-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$474,120.00	3320	1107	7500	5560	3110	11072001203	CT	6100		Holly Power Plant Decommissioning - Reissue	91230	Construction, Power Plant
AD1311110014037	12-Nov-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$273.50	5010	1100	3404	5560	5710	MAX33378	DOM	1100	NA100000024	Lane closure for Ckt 975	98176	Traffic Control Equipment and Accessories Rental o
AD1311200017872	21-Nov-13	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$21,309.90	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1409180107028	19-Sep-14	1100	1	VS0000032630	Seaholm Power Development LLC	$4,065.96	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1406210077235	23-Jun-14	6100	1	BUR0879750	BURY HOLDINGS INC	$8,328.44	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1407140084050	15-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1405220068569	23-May-14	1100	10	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$314.50	3250	1107	3105	5560	3660	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1405220068569	23-May-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$337.75	3250	1107	3107	5560	3670	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1402110039240	12-Feb-14	6100	1	INT8308241	INTERA, INC	$155.00	5010	1100	1307	5590	9230	13051413839	DO	6100	PA080000085	General Consulting Task 1	92535	Environmental Engineering
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,435.10	3250	1107	3728	5560	3620	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1310010000654	2-Oct-13	1100	1	APE8321977	APEX SYSTEMS INC	$17,592.00	3250	1107	3468	5560	3910	12101501354	DO	1100	NC130000002	Staff augmentation_ Mohamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$551.80	3250	1107	2123	5560	3530	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1311050012348	6-Nov-13	6100	1	HDR8318192	HDR ENGINEERING INC	$3,274.54	3060	1107	129	5590	1211	12083120930B	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1405220068580	23-May-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$91.91	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1310150005273	16-Oct-13	1100	1	V00000908970	NewGen Strategies and Solutions, LLC.	$555.00	5010	1100	8312	5280	9230	13082100842	CT	1100		Ad Hoc Rate making and model notification	91812	Analytical Studies and Surveys (Consulting)
AD1402110039331	12-Feb-14	1100	1	VS0000035305	Bansar Technologies Inc	$14,280.00	3250	1107	3635	5560	3910	13100900992	DO	1100	NC140000002	Staff augmentation- Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$317.55	3250	1107	3445	5560	3620	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$236.92	3250	1107	3455	5560	3620	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$784.95	5010	1100	3404	5560	5710	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038922	11-Feb-14	1100	1	VC0000103535	RW BECK GROUP INC	$35,497.83	5010	1100	1314	5280	9210	13082600864A	CT	1100		Consulting Services for Benchmarking Study	9184900	Finance/Economics Consulting
AD1310220007052	23-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,553.60	3230	1107	4285	5560	3530	13101501454	DO	1100	NA120000110	Batch 1475	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,537.35	3240	1107	4958	5560	3530	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,011.51	3250	1107	3105	5560	3660	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1401070030723	8-Jan-14	1100	1	JBT8302036	JAMES B. TEMPLETON	$7,547.89	3240	1107	4964	5590	3620	MAX35578	DOM	1100	NA090000154	Design Review - Power Transformer	92531	Electrical Engineering
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,677.80	3250	1107	3597	5560	3730	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,638.16	5010	1100	3504	5560	5960	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1311260021626	27-Nov-13	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$2,515.81	5010	1100	8821	5280	4172	13042912910	DO	5600	NC130000005	#17029-Interpretations service	92045	Software Maintenance/Support
AD1403050044932	6-Mar-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$2,030.73	5010	1100	1307	5590	9210	13050213134	DO	6100	PA100000043	Air Quality Permitting for AE's Facilities - Additiional Svr	92535	Environmental Engineering
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,946.43	3250	1107	2506	5560	3650	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$453.76	3250	1107	2599	5560	3640	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11.00	3230	1107	2959	5560	3530	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$223.72	3250	1107	2599	5560	3640	MAX39374	DOM	1100	NA110000035	ST 125040	91438	Electrical
AD1405170066941	19-May-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$15,447.25	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405010062393	2-May-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$7,120.00	3290	1107	5421	5560	3910	13102101726	DO	1100	NC140000002	Staff Augmentation-Berry White	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405010062401	2-May-14	1100	1	VC0000103025	TELVENT USA LLC	$12,500.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1405150066284	16-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$136.20	3250	1107	2501	5560	3650	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404220059960	23-Apr-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$22,091.25	5010	1100	1307	5590	9210	13050213134	DO	6100	PA100000043	Air Quality Permitting for AE's Facilities - Additiional Svr	92535	Environmental Engineering
AD1402050037910	6-Feb-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$10,194.56	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403060045438	7-Mar-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$12,366.18	3250	1107	3635	5560	3910	13100700702	DO	1100	NC140000002	Staff augmentation-John Halter	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,790.92	5010	1100	3504	5560	5960	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1407230088362	24-Jul-14	1100	15	LUC8310706	LUCIDITY CONSULTING GROUP LP	$2,754.40	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,183.05	3250	1107	3602	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$39,352.33	3240	1107	4970	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$385.29	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403190049178	20-Mar-14	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$2,444.00	5010	1100	1302	5620	9210	13110102546	DO	5700	PA140000006	NAES Corporation v COA	96149	Legal Services, Attorneys
AD1404230060267	24-Apr-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$2,310.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1310190006575	21-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,699.36	3250	1107	2510	5560	3640	13100800910	DO	1100	NA120000111	Batch 1476	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311160015169	18-Nov-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$390.00	3250	1107	2510	5560	3640	MAX33254	DOM	1100	NA100000024	LANE CLOSURE FOR WR# 102710 @ 1500 FERGUSON LN	98176	Traffic Control Equipment and Accessories Rental o
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,534.30	5010	1100	3404	5560	5960	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,611.91	3250	1107	2501	5560	3650	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,144.06	3230	1107	4285	5560	3530	13100700715	DO	1100	NA120000110	Batch 1471	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004600	15-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$377.50	5010	1100	1307	5590	9210	12062116487	DO	6100	PA080000085	Holly Sediment Project	92535	Environmental Engineering
AD1405210068121	22-May-14	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$201.00	5010	1100	1302	5620	9210	13110102546	DO	5700	PA140000006	NAES Corporation v COA	96149	Legal Services, Attorneys
AD1405210068152	22-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$5,125.16	5010	1100	3202	5590	5620	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404160058189	17-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,149.60	5010	1100	3753	5560	3660	14040911382	DO	1100	NA120000111	Batch 1538	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057134	15-Apr-14	1100	1	VS0000032630	Seaholm Power Development LLC	$155.93	3060	1107	321	5590	1211	MAX38536	DOM	1100	NA140000052	Payapp #3 Seaholm Chilled Water Piping	91360	Construction, Water System, Main and Service Line
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,086.70	3250	1107	2501	5560	3650	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311120014214	13-Nov-13	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$9,985.34	3250	1107	3635	5590	3700	13082720203	DO	1100	NC130000002	Staff augmentation- John Halter	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408270100084	28-Aug-14	6100	1	ARC7068555	AUSTIN ARCHITECTURE PLUS INC	$3,010.00	5010	1100	1105	5590	9210	14062415674	DO	6100	PA080000069	TLC Renovation (2nd Floor)	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1407290089696	30-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1409150105581	16-Sep-14	6100	1	MEC8310574	MECHANICAL & PROCESS SYSTEMS LLC	$7,934.63	3060	1107	313	5560	1211	13112103812	DO	6100	CA130000010	DCP Hotel Van Zandt Chiller Connection	91340	Construction, Pipeline
AD1408300101424	2-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$883.68	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$14,745.15	3250	1107	2510	5560	3640	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1409100104591	11-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$11,894.76	3290	1107	5748	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409100104591	11-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$20,240.00	5010	1100	8322	5725	9230	14032610431	DO	1100	NC140000002	Staff augmentation - Ankush Kumar	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,386.27	3250	1107	2510	5560	3640	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404160058069	17-Apr-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$36,200.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1404160058069	17-Apr-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$1,440.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,553.74	3230	1107	1529	5560	3530	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1404070055174	8-Apr-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$3,800.00	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon. Phase II - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1404070055174	8-Apr-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$3,800.00	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon Phase 2 - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,477.52	3250	1107	2501	5560	3650	14041011417	DO	1100	NA120000111	Batch 1539	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$128,182.74	5010	1100	3708	5560	5930	14041011417	DO	1100	NA120000111	Batch 1539	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404120057032	14-Apr-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$7,366.05	3230	1107	2964	5590	3530	13120304268	DO	6100	PA110000030	Hamilton HM-123 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,004.83	3250	1107	2123	5560	3730	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1403290052720	31-Mar-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$11,916.00	3290	1107	5421	5560	3910	13100800872	DO	1100	NC140000002	Staff augugentation-Bruce Zarate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404070055289	8-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,658.96	3250	1107	3452	5560	3620	14032510347	DO	1100	NA120000111	Batch 1536	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,680.28	5010	1100	3504	5560	5960	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405050063197	6-May-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$20.00	3060	1107	312	5590	1211	13123105633	DO	6100	PA130000018	Green Water Treatment CW Pipe Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1407080081928	9-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical
AD1407080081928	9-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$540.60	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical
AD1407080081928	9-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$55.00	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,003.65	5010	1100	3212	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$441.44	5010	1100	3504	5560	5960	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409150105634	16-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409240109527	25-Sep-14	6100	1	WOO7028055	URS CORP	$3,690.43	5010	1100	1307	5590	9210	14032010070	DO	6100	PA100000043	Decker Crk Power Station Tank Farm, Soil & Groundwater Inves	92535	Environmental Engineering
AD1409160106190	17-Sep-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$557.25	5010	1100	3212	5560	5982	MAX42130	DOM	1100	NA100000024	WR 134030 - 12100 Research Blvd	98176	Traffic Control Equipment and Accessories Rental o
AD1409160106223	17-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1409160106223	17-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1409160106223	17-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1409160106223	17-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$152.71	3250	1107	2599	5560	3640	MAX42713	DOM	1100	NA110000035	ST127040	91438	Electrical
AD1406190076453	20-Jun-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$21,517.50	3290	1107	5745	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$16,625.00	3290	1107	5747	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403060045298	7-Mar-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$17,226.00	3250	1107	3635	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401080031072	9-Jan-14	5800	1	WAT5072250	THE WATERS CONSULTING GROUP INC	$6,750.00	5010	1100	1305	5280	9210	13062600675	CT	5800		COMPREHENSIVE COMPENSATION SURVEY AND MARKET ANALYSIS	9613000	Employment Agency and Search Firm Services (Includ
AD1406280079576	30-Jun-14	1100	6	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,381.76	3250	1107	2502	5560	3660	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,147.83	5010	1100	3710	5560	5710	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406110074003	12-Jun-14	1100	9	ASP7019530	ASPLUNDH TREE EXPERT CO	$42,621.08	5010	1100	3708	5560	5930	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406110074003	12-Jun-14	1100	10	ASP7019530	ASPLUNDH TREE EXPERT CO	$22,961.43	5010	1100	3708	5560	5930	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079648	30-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$90.34	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$500.06	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$474.25	3250	1107	2599	5560	3640	MAX40531	DOM	1100	NA110000035	ST128150	91438	Electrical
AD1405310070347	2-Jun-14	1100	1	CLE8315038	CLEAN POWER RESEARCH LLC	$1,000.00	5010	1100	8995	5280	9230	11101000035	CT	1100		"Value of Solar" study consulting services	91843	Environmental Consulting (INCL. SUSTAINABLILITY)
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$357.89	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX39654	DOM	1100	NA110000035	ST 126003	91438	Electrical
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,085.28	3250	1107	3634	5560	3660	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1406090073205	10-Jun-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$19,712.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407120083595	14-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$662.76	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$146,098.29	3250	1107	2520	5560	3640	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403100046334	11-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$11,602.89	3250	1107	3635	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403120047082	13-Mar-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$20,007.00	3250	1107	3468	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,499.83	3250	1107	2505	5560	3660	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1408070093305	8-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$164.61	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$394.20	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1408070093317	8-Aug-14	1100	1	VS0000034209	Soal Technologies, LLC.	$6,720.00	5010	1100	8322	5725	9230	14050913054	DO	1100	NC140000002	Staff augmentation - Edward Stevens	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$202.20	3250	1107	3732	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$526.42	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1409030102018	4-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$94.26	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1408050092032	6-Aug-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$5,795.50	5010	1100	8322	5725	9230	14042912383	DO	1100	NC140000002	Staff augmentation- Amir Kacimi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096678	20-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$129.76	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$250.03	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	24	V00000914477	PIKE ENTERPRISES INC	$140.56	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091860	5-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$552.16	3250	1107	2599	5560	3640	14073117972	DO	1100	NA120000111	Batch #1608	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091806	5-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$432.50	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$233.28	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41572	DOM	1100	NA110000035	ST131342	91438	Electrical
AD1408040091806	5-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$474.25	3250	1107	2599	5560	3640	MAX41575	DOM	1100	NA110000035	ST130552	91438	Electrical
AD1406090073108	10-Jun-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$8,011.25	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Backfill Maria Archuleta-Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407220088024	23-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,555.29	5010	1100	3708	5560	5930	14071717099	DO	1100	NA120000111	Batch #1602	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$13,003.26	5010	1100	3708	5560	5930	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407310090841	1-Aug-14	1100	2	RFD7081045	RFD & ASSOC INC	$5,432.00	5010	1100	8322	5725	9230	13102301931A	DO	1100	NC140000002	Staff augmentation-Ronald E Evans	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,027.19	5010	1100	3710	5560	5710	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$12,594.66	5010	1100	3708	5560	5930	13110803114	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,650.18	3250	1107	3105	5560	3660	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1409250110039	26-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409250110039	26-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409250110039	26-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$1,316.84	3250	1107	2599	5560	3640	MAX43152	DOM	1100	NA110000035	ST132433	91438	Electrical
AD1409250110039	26-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,821.40	3250	1107	2501	5560	3660	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$557.28	5010	1100	3212	5560	5982	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,196.80	3250	1107	3752	5560	3640	14091220655	DO	1100	NA120000111	Batch 1633	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106724	18-Sep-14	1100	32	LUC8310706	LUCIDITY CONSULTING GROUP LP	$586.29	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,548.69	3250	1107	3107	5560	3670	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$31,620.75	3250	1107	3723	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409200107355	22-Sep-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$276.40	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1407030081194	7-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407150084641	16-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$5.44	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,746.80	3230	1107	1510	5560	3530	13121905287	DO	1100	NA120000110	Batch 1500	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$18,224.40	5010	1100	3710	5560	5710	13121905287	DO	1100	NA120000110	Batch 1500	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402060038499	7-Feb-14	1100	2	SMS8302717	SMS LLC	$72,922.27	3290	1107	5705	5560	3900	14012106721	DO	1100	NS070000025	Software maintenance	20789	Testing Equipment for Computers and Related Equipm
AD1402110039228	12-Feb-14	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$3,509.00	5010	1100	1302	5620	9210	13110102546	DO	5700	PA140000006	NAES Corporation v COA	96149	Legal Services, Attorneys
AD1311200017871	21-Nov-13	6100	1	DPR8302563	DPR CONSTRUCTION INC	$209,573.00	3310	1107	5327	5560	3910	09072901781-03	CT	6100		Bid Pkg. 03 - Long Lead Elec. Pkg. Incl. Const. Trades Pkg.	95826	Construction Management Services
AD1311200017872	21-Nov-13	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$21,309.90	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1407140084050	15-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1407140084050	15-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1406210077249	23-Jun-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$44,625.90	5010	1100	3710	5560	5710	14061715230	DO	1100	NA120000110	Batch #1581	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401130032378	14-Jan-14	1100	1	ABD7148105	RITA ABDELADIM	$11,808.00	3250	1107	3635	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$946.74	3250	1107	2037	5560	3640	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,082.26	3250	1107	2123	5560	3730	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,679.54	3250	1107	3733	5560	3660	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1407010080198	2-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1310150005273	16-Oct-13	1100	1	V00000908970	NewGen Strategies and Solutions, LLC.	$740.00	5010	1100	8312	5280	9230	13082100842	CT	1100		Ad Hoc Rate making and model notification	91812	Analytical Studies and Surveys (Consulting)
AD1311140014892	15-Nov-13	1100	1	V00000910827	The Anfield Group	$40,000.00	5010	1100	8322	5280	9230	13060300626	CT	1100		Audit Preparation Services	91800	CONSULTING SERVICES
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$728.56	3250	1107	2505	5560	3660	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,178.52	5010	1100	3212	5560	5982	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1310220007141	23-Oct-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$927.00	3250	1107	3107	5560	3670	MAX34269	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1310220007162	23-Oct-13	1100	2	TEC4570250	TECHLINE INC	$18,255.75	3250	1107	3446	5590	3730	MAX34173	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 17	28576	Street Lighting Luminaires, Accessories and Parts
AD1310150005219	16-Oct-13	1100	5	MET7046770	METALINK CORP	$28,082.00	3290	1107	5313	5560	3900	13092522272	DO	1100	NA080000138	Fencing Installation and repair Services	98815	Fence Installation and Repair
AD1310150005219	16-Oct-13	1100	10	MET7046770	METALINK CORP	$660.00	3290	1107	5313	5560	3900	13092522272	DO	1100	NA080000138	Fencing Installation and repair Services	98815	Fence Installation and Repair
AD1310220007202	23-Oct-13	1100	1	VS0000029388	J. Stowe & Co., LLC	$7,647.75	5010	1100	8312	5280	9230	13062716529	DO	1100	NA100000128	Utility Rate Study	91826	Communications: Public Relations Consulting
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,053.95	5010	1100	3212	5560	5982	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$519.94	5010	1100	3212	5560	5982	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,769.64	3250	1107	3723	5560	3660	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$24,030.30	3230	1107	3645	5560	3530	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,107.14	3250	1107	3107	5560	3670	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$787.76	3230	1107	2964	5560	3530	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,647.19	5010	1100	3504	5560	5930	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1311250021150	26-Nov-13	6000	1	SCI7046490	SCIENTIFIC INVESTIGATION & INSTRUCTION INSTITUTE	$200.00	5010	1100	1307	5590	9302	13111203160	DO	6000	NA090000113	Chris Rasmussen/ Linda Arredondo/Breck Nolen	9243518	TRAINING, ASBESTOS CERTIFICATION
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,193.53	3250	1107	2520	5560	3640	14051413328	DO	1100	NA110000035	Batch 1562	91438	Electrical
AD1408180096193	19-Aug-14	1100	1	VS0000032630	Seaholm Power Development LLC	$65,142.18	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA1400000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1401070030858	8-Jan-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$9,268.00	3290	1107	5421	5560	3910	13100800872	DO	1100	NC140000002	Staff augugentation-Bruce Zarate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405170066898	19-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$17,601.55	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,975.61	5010	1100	3212	5560	5982	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX38818	DOM	1100	NA110000035	ST125470	91438	Electrical
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$12,016.18	3250	1107	3446	5560	3530	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405150066284	16-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,897.50	5010	1100	3710	5560	5710	14042512268	DO	1100	NA120000110	Batch #1549	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403200049460	21-Mar-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$51,854.86	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1404300062155	1-May-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$13,240.00	3290	1107	5421	5560	3910	13100800872	DO	1100	NC140000002	Staff augugentation-Bruce Zarate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$19,250.00	3250	1107	3468	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$3,800.00	3250	1107	3480	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,371.61	3250	1107	2501	5560	3660	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1403110046864	12-Mar-14	1100	1	V00000909300	Juliee Beyt	$950.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1408130095203	14-Aug-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$3,951.05	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1408180096305	19-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX41931	DOM	1100	NA110000035	ST130551	91438	Electrical
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,931.04	3250	1107	3728	5560	3620	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403190049176	20-Mar-14	1100	1	GEO8306050	GEOSPATIAL INNOVATIONS INC	$25,380.00	5010	1100	3402	5590	5860	13111803475	DO	1100	NA080000197	consulting and tech svcs	91832	CONSULTING SERVICES (NOT OTHERWISE CLASSIFIED)
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,567.31	3250	1107	2520	5560	3640	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,765.26	5010	1100	3212	5560	5982	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310300010767	31-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,395.34	3250	1107	2501	5560	3650	13102502147	DO	1100	NA120000111	Batch 1481	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	5010	1100	3212	5560	5982	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1310140004600	15-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$6,556.86	5010	1100	1307	5590	9210	12102201814	DO	6100	PA080000085	ECC - PST Assessment	92535	Environmental Engineering
AD1408130095259	14-Aug-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$13,240.50	3290	1107	5745	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34.05	3250	1107	2510	5560	3640	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405080064444	9-May-14	1100	1	VS0000016466	Ecologic Analytics, LLC	$208,468.00	3290	1107	5748	5590	3700	14050512770	DO	1100	NA080000190	AMR/AMI Meter amendment 7	92014	Applications Software (For Minicomputer Systems)
AD1311210019430	22-Nov-13	1100	1	SMS8302717	SMS LLC	$90,858.73	3290	1107	5705	5560	3900	13111803433	DO	1100	NS070000025	Inv 00077	20789	Testing Equipment for Computers and Related Equipm
AD1407290089649	30-Jul-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$278.25	3250	1107	3612	5560	3660	MAX41341	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407290089696	30-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$660.21	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1409100104578	11-Sep-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$3,305.00	3060	1107	326	5590	1211	14050212701	DO	6100	PA130000018	PR # 1.3 // 3rd St Chilled Water System Impr	92533	ENGINEER SERVICES, PROFESSIONAL
AD1408300101424	2-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$14,586.26	3250	1107	3446	5560	3730	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1408300101424	2-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$302.22	3250	1107	2599	5560	3640	MAX42206	DOM	1100	NA110000035	ST130620	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,953.90	3250	1107	2506	5560	3650	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,254.91	3250	1107	3669	5560	3620	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1311120014344	13-Nov-13	1100	1	VS0000019899	National Human Resource Group, Inc.	$5,857.50	5010	1100	8321	5280	9230	13061715905	DO	1100	NC130000002	Staff augmentation- Alex Flores	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$6,886.74	3250	1107	3699	5560	3660	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404280061397	29-Apr-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$13,920.00	3250	1107	3635	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404120057019	14-Apr-14	1100	1	KEM7155110	KEMA INCORPORATED	$7,500.00	5010	1100	2450	5280	5810	14010605831	DO	1100	NA110000076	Encumbrance to process invoice	91841	Energy Conservation Consulting
AD1404030054337	4-Apr-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$10,920.00	3250	1107	3468	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,638.98	5010	1100	3404	5560	5710	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1404080055756	9-Apr-14	1100	5	LUC8310706	LUCIDITY CONSULTING GROUP LP	$19,598.67	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404080055756	9-Apr-14	1100	6	LUC8310706	LUCIDITY CONSULTING GROUP LP	$6,365.38	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$14,365.96	3250	1107	2520	5560	3640	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$37,649.57	5010	1100	3708	5560	5930	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$81,281.09	3230	1107	1523	5560	3530	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$34,038.78	3230	1107	3645	5560	3530	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,890.39	3250	1107	2506	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$31,629.79	3250	1107	3110	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,326.39	3250	1107	2506	5560	3650	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$906.76	5010	1100	3403	5560	5930	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$23,770.36	3250	1107	2123	5560	3730	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,671.57	3250	1107	2505	5560	3650	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407080081923	9-Jul-14	1100	1	THI7027395	THIELSCH ENGINEERING INC	$30,387.50	3220	1107	7337	5560	3120	MAX33843	DOM	1100	NA120000033	Phase 1 of OWS Project	94125	Boiler Maintenance and Repair, Steam (Including Te
AD1407080081928	9-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$118.58	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	27	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$23,494.79	3250	1107	3110	5560	3660	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,420.00	5010	1100	3708	5560	5930	14091720981	DO	1100	NA120000111	Batch #1630	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,158.63	3250	1107	2520	5560	3640	14092321352	DO	1100	NA120000111	Batch 1645	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409160106223	17-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,738.95	3250	1107	2502	5560	3660	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,902.73	5010	1100	3215	5560	5982	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406050072236	6-Jun-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$25,581.30	5010	1100	3710	5560	5710	14052714024	DO	1100	NA120000110	Batch #1567	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407190086830	21-Jul-14	1100	2	ABD7148105	RITA ABDELADIM	$13,776.00	3290	1107	5748	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408020091176	4-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$136.20	5010	1100	3708	5560	9210	14072517594	DO	1100	NA120000111	Batch #1601	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401060030140	7-Jan-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$17,052.00	3250	1107	3635	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085447	17-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$43.24	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1406280079627	30-Jun-14	1100	1	STA7106205	STANLEY CONSULTANTS INC	$14,563.51	3230	1107	3670	5590	3520	13091121226	DO	6100	PA110000030	Lytton Springs LY Bus & Yard Upgrades	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406280079648	30-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$43.24	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$149.26	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	26	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406280079648	30-Jun-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1408070093305	8-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1408070093305	8-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$4,279.73	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1408070093305	8-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1408070093305	8-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$954.71	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$43.24	3250	1107	2599	5560	3640	MAX42412	DOM	1100	NA110000035	ST131730	91438	Electrical
AD1408070093314	8-Aug-14	1100	1	VS0000007972	SENTARI TECHNOLOGIES INC	$27,743.75	5010	1100	8322	5725	9230	14031009443	DO	1100	NC140000002	Staff augmentation-Rakesh Myaka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093314	8-Aug-14	1100	1	VS0000007972	SENTARI TECHNOLOGIES INC	$848.00	5010	1100	8322	5725	9230	14061315088	DO	1100	NC140000002	Augmentation-Akif Mohammed	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096560	20-Aug-14	1100	1	V00000906918	WhitakerIT LLC	$7,858.50	5010	1100	8322	5725	9230	14050712870	DO	1100	NC140000002	Staff augmentation- Matthew Pecorano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096577	20-Aug-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$11,447.49	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$10,439.64	3250	1107	3446	5560	3730	14082719696	DO	1100	NA110000035	Batch #1629	91438	Electrical
AD1409030102018	4-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$1,155.16	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$12,851.24	3250	1107	2501	5560	3650	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312250027966	26-Dec-13	1100	1	VS0000010098	Nipun Systems Inc.	$15,664.00	3250	1107	3468	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406100073359	11-Jun-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$17,250.00	5010	1100	8322	5725	9230	14040811223	DO	1100	NC140000002	Staff augmentation-Dwight Mendes	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$551.28	5010	1100	3212	5560	5982	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,969.84	3250	1107	2510	5560	3640	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$39,076.87	3230	1107	2960	5560	3530	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$20,086.79	3240	1107	4964	5560	3620	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1409030102018	4-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$706.93	3250	1107	2599	5560	3640	MAX42483	DOM	1100	NA110000035	ST132630	91438	Electrical
AD1408190096678	20-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$262.80	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408040091860	5-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,706.63	5010	1100	3708	5560	5930	14073117972	DO	1100	NA120000111	Batch #1608	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091806	5-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1407310090766	1-Aug-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$428.41	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1407030081194	7-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407030081194	7-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407150084641	16-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$662.76	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$23.48	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX40987	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1408160095808	18-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,638.80	3250	1107	2510	5560	3640	14080618276	DO	1100	NA120000111	Batch #1611	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409250110039	26-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$262.80	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,064.64	3250	1107	2520	5560	3640	14091220655	DO	1100	NA120000111	Batch 1633	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,188.59	3230	1107	1521	5560	3530	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$62,966.58	3250	1107	3441	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1407100082903	11-Jul-14	1100	1	VC0000103025	TELVENT USA LLC	$11,700.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1405220068550	23-May-14	6100	6	HEN604964S	HENSEL PHELPS CONSTRUCTION CO	$10,616.19	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1409180107025	19-Sep-14	1100	1	VS0000032630	Seaholm Power Development LLC	$2,287.10	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1409220108665	23-Sep-14	6100	1	VS0000026940	Texas AirSystems, LLC	$93,605.00	3060	1107	322	5560	1211	14060314434	DO	6100	CA130000010	COA Seaholm Hotel - Heat Exchangers	91340	Construction, Pipeline
AD1310010000652	2-Oct-13	1100	1	APE8321977	APEX SYSTEMS INC	$15,080.00	3250	1107	3635	5590	3700	13071017216	DO	1100	NC130000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,552.27	3250	1107	2501	5560	3660	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$497.04	5010	1100	3504	5560	5940	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$27,597.53	3250	1107	3110	5560	3660	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$304.40	3250	1107	2506	5560	3650	13110803114	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,044.90	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$974.01	3250	1107	2510	5560	3640	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1310170006008	18-Oct-13	1100	1	UNI4905750	UNIVERSITY OF TEXAS AT AUSTIN	$30,000.00	5010	1100	2490	5280	9100	13022209384	DO	1100	NI120000008	Second year of Inter-Local Agreement	91841	Energy Conservation Consulting
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,288.35	3230	1107	4287	5560	3530	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$518.24	5010	1100	3212	5560	5982	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1310020001223	3-Oct-13	1100	1	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$16,196.88	3250	1107	3468	5560	3910	12101601357	DO	1100	NC130000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310030001517	4-Oct-13	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$32,290.00	5010	1100	1105	5560	9304	13062516392	DO	1100	NC130000003	Cabling St Elmo	9621826	COMPUTER CABLE INSTALLATION
AD1402240042389	25-Feb-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$480.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1402130039938	14-Feb-14	6100	1	BUR0879750	BURY HOLDINGS INC	$1,581.00	3060	1107	259	5590	1211	12092422487	DO	6100	PA110000043	3rd Street Chilled Water Serv. to J.W Marriott	92517	Civil Engineering
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,107.91	3250	1107	3740	5560	3660	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1407140084050	15-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1311050012415	6-Nov-13	1100	1	V00000911092	EKHP Consulting LLC	$15,960.00	3250	1107	3635	5590	3700	13080118509	DO	1100	NC130000002	Staff augmentatation - Ravinder Shukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310290010318	30-Oct-13	1100	1	TEC4570250	TECHLINE INC	$8,587.00	3250	1107	3446	5560	3730	MAX34292	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 18	28576	Street Lighting Luminaires, Accessories and Parts
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,457.15	3250	1107	2506	5560	3650	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,537.97	3240	1107	4959	5560	3620	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1401070030658	8-Jan-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$12,508.32	3250	1107	3635	5560	3910	13100700702	DO	1100	NC140000002	Staff augmentation-John Halter	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$755.05	3250	1107	2506	5560	3650	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,017.68	5010	1100	3212	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,119.02	5010	1100	3504	5560	5880	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$577.92	5010	1100	3403	5560	5930	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$728.48	5010	1100	3212	5560	5982	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,680.12	3250	1107	3658	5560	3660	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,905.89	3250	1107	2502	5560	3660	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1408070093214	8-Aug-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$6,305.00	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$389.28	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,305.54	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1408070093305	8-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$1,580.21	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$559.50	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,691.52	3250	1107	2505	5560	3650	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1407220088010	23-Jul-14	1100	2	V00000914964	The Evolvers Group, L.P.	$20,020.00	3290	1107	5748	5560	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405270069401	28-May-14	1100	8	ASP7019530	ASPLUNDH TREE EXPERT CO	$41,580.17	5010	1100	3708	5560	5930	14051513380	DO	1100	NA120000111	Batch #1557	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$517.91	3250	1107	2502	5560	3650	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$84,970.30	5010	1100	3710	5560	5710	14070716326	DO	1100	NA120000110	Batch #1592	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409020101712	3-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1408110094216	12-Aug-14	1100	2	V00000914964	The Evolvers Group, L.P.	$15,210.00	3290	1107	5748	5560	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096560	20-Aug-14	1100	1	V00000906918	WhitakerIT LLC	$7,858.50	5010	1100	8322	5725	9230	14050712870	DO	1100	NC140000002	Staff augmentation- Matthew Pecoraro	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312160025907	17-Dec-13	6100	1	JAC8308529	JACOBS ENGINEERING GROUP INC	$5,913.75	5010	1100	2221	5590	4171	12120704743	DO	6100	PA080000064	Crescent Plant Site Plan	91842	Engineering Consulting
AD1409030102018	4-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1408050092031	6-Aug-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$8,470.00	5010	1100	8322	5725	9302	14051913587	DO	1100	NC140000002	Staff augmentation-Michael Goodman	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096678	20-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	24	V00000914477	PIKE ENTERPRISES INC	$597.04	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091806	5-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX41353	DOM	1100	NA110000035	ST131500	91438	Electrical
AD1408040091806	5-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$1,481.45	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091732	5-Aug-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$30.64	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon Phase 2 - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1407310090841	1-Aug-14	1100	1	RFD7081045	RFD & ASSOC INC	$13,674.50	5010	1100	8322	5725	9230	13102301931A	DO	1100	NC140000002	Staff augmentation-Ronald E Evans	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408160095808	18-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$507.04	3250	1107	2502	5560	3660	14080618276	DO	1100	NA120000111	Batch #1611	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408160095808	18-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$39,940.67	5010	1100	3708	5560	5930	14080618276	DO	1100	NA120000111	Batch #1611	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$270.30	3250	1107	2599	5560	3640	MAX43153	DOM	1100	NA110000035	ST133440	91438	Electrical
AD1409250110039	26-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$174.38	3250	1107	2599	5560	3640	MAX43153	DOM	1100	NA110000035	ST133440	91438	Electrical
AD1409250110039	26-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,045.10	5010	1100	3504	5560	5960	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409220108558	23-Sep-14	1100	2	ABD7148105	RITA ABDELADIM	$13,776.00	3290	1107	5748	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1409170106724	18-Sep-14	1100	27	LUC8310706	LUCIDITY CONSULTING GROUP LP	$1,484.00	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$30,384.16	3230	1107	3670	5560	3530	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1402060038455	7-Feb-14	6100	1	HDR8318192	HDR ENGINEERING INC	$7,163.56	3060	1107	129	5590	1211	12083120930A	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant #3	92517	Civil Engineering
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,752.29	3250	1107	2500	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$356.86	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402260043236	27-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$397.75	3250	1107	3652	5560	3660	MAX35720	DOM	1100	NA100000024	TRAFFIC CONTROL INLINE 1000 S LAMAR WR 95869	98176	Traffic Control Equipment and Accessories Rental o
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,763.35	3250	1107	2508	5560	3690	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,090.70	3240	1107	4854	5560	3620	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,011.77	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,284.22	3250	1107	3106	5560	3670	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407030081194	7-Jul-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407150084641	16-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX40987	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1407150084641	16-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,357.65	3250	1107	2501	5560	3660	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,998.78	3250	1107	3446	5560	3730	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,373.84	3250	1107	3597	5560	3730	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,171.17	5010	1100	3212	5560	5982	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084702	16-Jul-14	1100	3	WRI8303917	WRIGHT TREE SVC INC	$1,366.56	3250	1107	2506	5560	3650	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310080002968	9-Oct-13	6100	1	GUE2157000	JOSE I GUERRA INC	$31,311.09	5010	1100	2224	5590	4171	13071517371	DO	6100	PA120000006	Domain - Master Plan	92567	Mechanical Engineering
AD1310190006522	21-Oct-13	6100	3	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$4,360.00	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1310190006522	21-Oct-13	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$20,716.28	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1405220068569	23-May-14	1100	5	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$165.00	3250	1107	3594	5560	3670	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406210077249	23-Jun-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$40,703.50	5010	1100	3710	5560	5710	14060914683	DO	1100	NA120000110	Batch #1575	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406210077249	23-Jun-14	1100	3	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,556.21	5010	1100	3710	5560	5710	14060914683	DO	1100	NA120000110	Batch #1575	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407010080198	2-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1407010080222	2-Jul-14	6100	1	VS0000012728	ELLERBE BECKET INC	$20,910.68	3310	1107	5327	5590	3900	9050601373	CT	6100		New Energy Control Center	90607	Architect Services, Professional
AD1402100038865	11-Feb-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$11,939.76	3250	1107	3635	5560	3910	13100700702	DO	1100	NC140000002	Staff augmentation-John Halter	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402100038885	11-Feb-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$6,116.74	3240	1107	4951	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,759.50	3250	1107	3685	5560	3660	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$18,262.92	3250	1107	2500	5560	3620	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$19,942.09	3250	1107	3446	5560	3730	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1407030081120	7-Jul-14	1100	14	LUC8310706	LUCIDITY CONSULTING GROUP LP	$14,191.25	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$495.10	5010	1100	3212	5560	5982	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1311260021665	27-Nov-13	1100	1	V00000914964	The Evolvers Group, L.P.	$1,040.00	3250	1107	3635	5590	3700	13091621500	DO	1100	NC130000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311050012299	6-Nov-13	1100	1	APE8321977	APEX SYSTEMS INC	$15,200.00	3250	1107	3468	5230	3690	13051013616	DO	1100	NC130000002	Staff augmentation- Charles Suhler	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$827.15	3240	1107	4969	5560	3620	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1403130047608	14-Mar-14	1100	7	LUC8310706	LUCIDITY CONSULTING GROUP LP	$18,928.63	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$3,058.84	3230	1107	2964	5590	3530	13120304268	DO	6100	PA110000030	Hamilton HM-123 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403050044924	6-Mar-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$1,019.62	3240	1107	4964	5590	3690	13120304268	DO	6100	PA110000030	Hamilton HM-123 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,639.51	3250	1107	3105	5560	3660	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,955.46	3250	1107	3652	5560	3660	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1407150084583	16-Jul-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$280.75	3250	1107	2501	5560	3650	MAX40284	DOM	1100	NA100000024	WR 113501 - 2701 W. 35th Street	98176	Traffic Control Equipment and Accessories Rental o
AD1405310070339	2-Jun-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$1,583.79	5010	1100	1105	5590	9210	11112803754	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1406120074383	13-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$411.51	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$764.88	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX39654	DOM	1100	NA110000035	ST 126003	91438	Electrical
AD1401220034655	23-Jan-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$15,265.00	5010	1100	8321	5280	9230	13100100177	DO	1100	NC140000002	Staff augmentation-Lou Marco	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401230034967	24-Jan-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$13,920.00	3250	1107	3635	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406120074383	13-Jun-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$70.28	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1405270069524	28-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$67.60	3250	1107	2501	5560	3650	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407120083595	14-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1407120083595	14-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$255.74	3250	1107	3569	5560	3650	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$67.60	3250	1107	3722	5560	3620	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406100073355	11-Jun-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$5,850.00	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093243	8-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,728.17	3230	1107	4289	5560	3530	14073017843	DO	1100	NA120000110	Batch #1607	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$96.51	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1408070093305	8-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$70.28	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1408190096577	20-Aug-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$11,447.49	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,664.77	3250	1107	2510	5560	3640	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,432.69	3250	1107	3106	5560	3670	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,629.03	3250	1107	3664	5560	3660	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$413.46	5010	1100	3212	5560	5982	14082719696	DO	1100	NA110000035	Batch #1629	91438	Electrical
AD1409030102018	4-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1408190096678	20-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408040091860	5-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$145.56	3250	1107	2501	5560	3660	14073117972	DO	1100	NA120000111	Batch #1608	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091806	5-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$129.72	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1408040091806	5-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41575	DOM	1100	NA110000035	ST130552	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$117.82	3250	1107	2508	5560	3690	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,603.21	5010	1100	3708	5560	5930	14070916538	DO	1100	NA120000111	Batch #1593	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406240078639	25-Jun-14	1100	2	VS0000010098	Nipun Systems Inc.	$15,664.00	3290	1107	5745	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,420.60	3250	1107	3531	5560	3620	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$17,125.61	3250	1107	2510	5560	3640	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310230007680	24-Oct-13	6100	1	POW7022180	POWER ENGINEERS INC	$82,489.00	5010	1100	5112	5590	5800	07020210816B	DO	6100	S030229	SCADA EMS Transition to ERCOT Nodal Market	91842	Engineering Consulting
AD1409250110039	26-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$340.99	3250	1107	2506	5560	3660	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$100,342.82	5010	1100	3708	5560	5930	14091220655	DO	1100	NA120000111	Batch 1633	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407100082890	11-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407100082890	11-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40887	DOM	1100	NA110000035	ST121820	91438	Electrical
AD1407150084641	16-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$139.42	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,290.94	3250	1107	2506	5560	3660	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,161.00	3230	1107	2933	5560	3530	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1407100082903	11-Jul-14	1100	1	VC0000103025	TELVENT USA LLC	$16,500.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1407150084702	16-Jul-14	1100	6	WRI8303917	WRIGHT TREE SVC INC	$3,565.88	3250	1107	2599	5560	3640	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$208.48	3240	1107	4854	5560	3620	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1311200017871	21-Nov-13	6100	2	DPR8302563	DPR CONSTRUCTION INC	$1,586.00	3120	1107	7609	5560	3910	0907290781-03	CT	6100		Bid Pkg. 03 - Long Lead Elec. Pkg. Incl. Const. Trades Pkg.	95826	Construction Management Services
AD1401130032376	14-Jan-14	1100	1	VC0000101574	TUERFF-DAVIS ENVIROMEDIA INC	$2,918.75	6920	1100	8995	5280		12021308234	DO	1100	NA110000131	Marketing services for better buildings grant	96153	Marketing Services
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,431.04	3240	1107	4958	5560	3620	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1310010000654	2-Oct-13	1100	2	APE8321977	APEX SYSTEMS INC	$2,457.00	3250	1107	3468	5560	3910	12101501354	DO	1100	NC130000002	Staff augmentation_ Mohamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406210077249	23-Jun-14	1100	5	ASP7019530	ASPLUNDH TREE EXPERT CO	$39,372.47	5010	1100	3708	5560	5930	14061715220	DO	1100	NA120000111	Batch #1579	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407010080198	2-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$137.97	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,952.73	3250	1107	2502	5560	3660	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$509.38	5010	1100	3212	5560	5982	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$529.25	5010	1100	3212	5560	5982	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$647.80	5010	1100	3504	5560	5960	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005308	16-Oct-13	6100	1	VS0000037121	Civil & Environmental Consultants, Inc.	$15,750.48	3310	1107	5416	5590	3900	13073118464	DO	6100	PA110000062	E. Riverside Dr. Project	92517	Civil Engineering
AD1311050012396	6-Nov-13	6100	3	STA7106205	STANLEY CONSULTANTS INC	$2,030.95	3230	1107	2933	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1312030022577	4-Dec-13	6100	1	GUE2157000	JOSE I GUERRA INC	$364.25	3060	1107	302	5590	1211	13071517369A	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1312030022622	4-Dec-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$196,852.00	3320	1107	7500	5560	3110	11072001203	CT	6100		Holly Power Plant Decommissioning - Reissue	91230	Construction, Power Plant
AD1310150005219	16-Oct-13	1100	14	MET7046770	METALINK CORP	$3,460.00	3290	1107	5313	5560	3900	13092522272	DO	1100	NA080000138	Fencing Installation and repair Services	98815	Fence Installation and Repair
AD1403170048386	18-Mar-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$20,842.05	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon Phase 2 - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1403170048354	18-Mar-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$29,560.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,743.19	3250	1107	3105	5560	3660	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072845	9-Jun-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$20,474.08	3250	1107	3480	5560	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,404.00	3230	1107	2964	5560	3530	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$620.10	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$315.91	5010	1100	3710	5560	5710	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1401280035842	29-Jan-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$34,865.84	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$23,554.92	3250	1107	2510	5560	3640	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,195.16	3250	1107	3695	5560	3620	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403050044943	6-Mar-14	1100	1	V00000909300	Juliee Beyt	$800.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,743.58	3250	1107	2123	5560	3730	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$5,250.00	3250	1107	3468	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402050037940	6-Feb-14	1100	1	APE8321977	APEX SYSTEMS INC	$12,445.00	3250	1107	3480	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402040037660	5-Feb-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$6,890.00	3250	1107	3468	5560	3910	13101001097	DO	1100	NC140000002	Staff augmentation-John Perry	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,991.12	3240	1107	4964	5560	3620	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$581.83	3250	1107	2501	5560	3660	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$24,840.56	3230	1107	4287	5560	3530	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$687.98	3250	1107	2520	5560	3640	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,873.91	3250	1107	2510	5560	3640	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,756.01	5010	1100	3504	5560	5960	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1403110046864	12-Mar-14	1100	1	V00000909300	Juliee Beyt	$625.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1403110046874	12-Mar-14	1100	1	V00000914964	The Evolvers Group, L.P.	$22,360.00	3250	1107	3635	5590	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096292	19-Aug-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$10,237.04	3290	1107	5761	5725	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$271.02	3250	1107	2599	5560	3640	MAX41943	DOM	1100	NA110000035	ST131382	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$36,779.22	3240	1107	4959	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1405060063764	7-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$135.20	3250	1107	2520	5560	3660	14042512271	DO	1100	NA120000111	Batch #1548	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404090056237	10-Apr-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$10,292.00	5010	1100	1307	5590	9210	13050213134	DO	6100	PA100000043	Air Quality Permitting for AE's Facilities - Additiional Svr	92535	Environmental Engineering
AD1403250051492	26-Mar-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$492.75	3250	1107	2510	5560	3640	MAX37961	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$24,394.04	3250	1107	2123	5560	3530	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$3,016.65	3250	1107	3635	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$33,563.04	5010	1100	3710	5560	5710	13100700715	DO	1100	NA120000110	Batch 1471	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311210019402	22-Nov-13	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$27,179.67	5010	1100	1302	5620	9210	13110102546	DO	5700	PA140000006	NAES Corporation v COA	96149	Legal Services, Attorneys
AD1401210034202	22-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$13,572.00	3250	1107	3635	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,365.70	5010	1100	3708	5560	5930	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$77,778.98	5010	1100	3708	5560	5930	14050212679	DO	1100	NA120000111	Batch 1544	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,181.34	3240	1107	4953	5560	3620	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$470.38	3250	1107	3106	5560	3670	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,652.45	3250	1107	3107	5560	3660	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1310310011136	1-Nov-13	6100	1	DPR8302563	DPR CONSTRUCTION INC	$42,954.64	3310	1107	5327	5560	3910	0907290781-02	CT	6100		Austin Energy New Energy Control Ctr. - Site Facilitization	95826	Construction Management Services
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$45,140.62	3240	1107	4964	5560	3620	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1403240050995	25-Mar-14	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$71,389.57	3290	1107	5745	5560	3910	13112604020	DO	1100	NC140000003	cable installation at SCC -ADMS project	9621826	COMPUTER CABLE INSTALLATION
AD1405120065201	13-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,689.92	3250	1107	2520	5560	3640	14050612797	DO	1100	NA120000111	Batch 1545	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405080064487	9-May-14	6100	1	JAC8308529	JACOBS ENGINEERING GROUP INC	$39,740.76	3060	1107	284	5590	1211	13121204922	DO	6100	PA130000018	5th Street CHW Piping Extension Continuation	92533	ENGINEER SERVICES, PROFESSIONAL

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1404280061397	29-Apr-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$15,288.00	3250	1107	3468	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$748.20	5010	1100	2599	5560	3640	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1312170026398	18-Dec-13	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$114,991.60	3060	1107	256	5560	1211	13071217315	DO	6100	CA130000008	2nd Street Bridge and Roadway Extension	91268	MANAGEMENT, CONSTRUCTION
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,643.42	3250	1107	2520	5560	3640	14041011417	DO	1100	NA120000111	Batch 1539	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403290052609	31-Mar-14	6100	2	JAM8303623	WILLIAMS & THOMAS LP	$51,070.50	3290	1107	5742	5560	3900	13123105618	DO	6100	CA130000003	Decker PP Admin. Bldg. Renovation	91231	CONSTRUCTION, REMODEL & ALTERA
AD1404280061426	29-Apr-14	1100	2	MET7046770	METALINK CORP	$300.00	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1404030054347	4-Apr-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$51,060.60	5010	1100	3711	5590	5880	13090620830	DO	6100	PA110000030	Interconnect Studies Support	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,597.82	5010	1100	3212	5560	5982	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1404080055770	9-Apr-14	1100	1	APE8321977	APEX SYSTEMS INC	$20,250.00	3250	1107	3468	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403290052738	31-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$939.10	3250	1107	2510	5560	3640	14031809933	DO	1100	NA120000111	Batch 1529	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404030054457	4-Apr-14	6100	1	HDR8318192	HDR ENGINEERING INC	$2,897.51	3060	1107	129	5590	1211	12083120930A	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant #3	92517	Civil Engineering
AD1405030062895	5-May-14	6100	1	SIS7153210	SISK-ROBB INC	$2,020.00	5010	1100	2225	5560	4171	14031910035	DO	6100	NA130000057	CTECC First Floor	9103820	ASBESTOS REMOVAL SERVICES
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$275.64	5010	1100	3212	5560	5982	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$7,084.58	3250	1107	2520	5560	3640	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$14,004.78	5010	1100	3708	5560	5930	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312100024670	11-Dec-13	1100	1	VC0000103535	RW BECK GROUP INC	$14,901.17	5010	1100	1314	5280	9210	13082600864	CT	1100		Consultant Services for Benchmarking Study	9184900	Finance/Economics Consulting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,987.30	3250	1107	2510	5560	3640	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$153.42	5010	1100	3212	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,445.56	3250	1107	2506	5560	3650	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,207.13	5010	1100	3215	5560	5982	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407080081928	9-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$65.88	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$216.20	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$19,631.99	3230	1107	4290	5560	3530	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1406190076453	20-Jun-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$13,221.00	3290	1107	5745	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406230077708	24-Jun-14	6100	1	BUR0879750	BURY HOLDINGS INC	$1,540.25	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1406050072243	6-Jun-14	1100	2	LUC8310706	LUCIDITY CONSULTING GROUP LP	$3,010.34	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	96200	MISCELLANEOUS SERVICES
AD1406230077842	24-Jun-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$878.88	3250	1107	2502	5560	3650	14061114909	DO	1100	NA120000111	Batch #1578	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081910	9-Jul-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$416.75	3250	1107	3723	5560	3660	MAX39406	DOM	1100	NA100000024	TRAFFIC FOR N-LINE	98176	Traffic Control Equipment and Accessories Rental o
AD1407080081910	9-Jul-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$3,625.00	5010	1100	3504	5560	5960	MAX36701	DOM	1100	NA100000024	TRAFFIC FOR N-LINE	98176	Traffic Control Equipment and Accessories Rental o
AD1407190086837	21-Jul-14	1100	3	APE8321977	APEX SYSTEMS INC	$11,125.00	3290	1107	5748	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$15,960.00	3290	1107	5747	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409230109108	24-Sep-14	6100	1	MEC8310574	MECHANICAL & PROCESS SYSTEMS LLC	$224,197.78	3060	1107	259	5560	1211	13122705534	DO	6100	CA130000010	J.W Marriott Chilled Water Customer Connection	91340	Construction, Pipeline
AD1409150105634	16-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$357.89	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409150105634	16-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409150105634	16-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409160106223	17-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1407300090205	31-Jul-14	6100	1	ARC7068555	AUSTIN ARCHITECTURE PLUS INC	$3,010.00	5010	1100	1105	5590	9210	14062415674	DO	6100	PA080000069	TLC Renovation (2nd Floor)	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1407190086872	21-Jul-14	1100	1	GRO7148575	RJW OPERATIONS INC	$2,100.00	5010	1100	1125	5280	9210	14011400224-2	CT	1100		Facilitator Services for Customer Care	91827	Community Development Consulting
AD1406020071117	3-Jun-14	1100	4	WRI8303917	WRIGHT TREE SVC INC	$3,047.20	5010	1100	3708	5560	5930	14052013671	DO	1100	NA120000111	Batch #1564	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407070081697	9-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,193.32	5010	1100	3708	5560	5930	14062515739	DO	1100	NA120000111	Batch #1588	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079576	30-Jun-14	1100	4	ASP7019530	ASPLUNDH TREE EXPERT CO	$136.20	3250	1107	2501	5560	3660	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310190006575	21-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$19,573.85	5010	1100	3708	5560	5930	13100800910	DO	1100	NA120000111	Batch 1476	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$771.74	5010	1100	3708	5560	5930	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310300010758	31-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$33,100.75	5010	1100	1307	5590	9210	13050213134	DO	6100	PA100000043	Air Quality Permitting for AE's Facilities - Additiional Svr	92535	Environmental Engineering
AD1310300010858	31-Oct-13	1100	1	V00000913527	Marvin Randy Sowell	$1,289.83	5010	1100	1328	5587	9230	13042900521	CT	1100		Toyah Solar Surfacr Rights Consulting	91812	Analytical Studies and Surveys (Consulting)
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,990.06	3250	1107	2505	5560	3660	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,994.28	5010	1100	3215	5560	5982	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,376.26	5010	1100	3212	5560	5982	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX38818	DOM	1100	NA110000035	ST125470	91438	Electrical
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$20,268.09	3250	1107	3721	5560	3660	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1404290061879	30-Apr-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$16,800.00	3250	1107	3468	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$514.27	5010	1100	3504	5560	5940	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$372.04	3250	1107	3731	5560	3650	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1404220059960	23-Apr-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$5,345.50	5010	1100	1307	5590	9210	14011306375	DO	6100	PA080000085	ECC - PST Removal	92535	Environmental Engineering
AD1408180096305	19-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$259.52	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1408180096305	19-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX41931	DOM	1100	NA110000035	ST130551	91438	Electrical
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$467.26	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$805.01	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403080046112	10-Mar-14	1100	1	VS0000035305	Bansar Technologies Inc	$11,560.00	3250	1107	3635	5560	3910	13100900992	DO	1100	NC140000002	Staff augmentation- Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088430	24-Jul-14	1100	4	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$12,915.00	5010	1100	8322	5725	9230	13101101215	DO	1100	NC140000002	Staff augmentation-Abhishek Rateria	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401210034202	22-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$15,646.39	3250	1107	3468	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403220050281	24-Mar-14	1100	1	ABD7148105	RITA ABDELADIM	$13,120.00	3250	1107	3635	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404090056184	10-Apr-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$14,288.00	3250	1107	3468	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405210068152	22-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$7,138.78	3230	1107	3670	5590	3520	13091121226	DO	6100	PA110000030	Lytton Springs LY Bus & Yard Upgrades	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407290089696	30-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$74.63	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1407290089696	30-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$69,961.30	3240	1107	4962	5560	3620	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$39.10	5010	1100	3212	5560	5982	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057238	15-Apr-14	1100	1	KEM7155110	KEMA INCORPORATED	$64,750.00	3250	1107	3463	5590	3690	MAX34007	DOM	1100	NA090000048	KEMA - Enterprise Data Warehouse/Analytics Analysis	2088201	GIS SOFTWARE PRE-PACKAGED
AD1405130065739	14-May-14	6100	1	JAC8308529	JACOBS ENGINEERING GROUP INC	$11,250.00	5010	1100	2234	5590	5465	13120604494	DO	6100	PA080000064	MEC Arc Flash Study	91842	Engineering Consulting
AD1404160058048	17-Apr-14	1100	1	PEA8317748	CIMA SOLUTIONS GROUP LLC	$19,762.50	3290	1107	5421	5560	3910	14013107397	DO	1100	NC140000001	San Virtualization Project	92045	Software Maintenance/Support
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$551.28	3250	1107	2520	5560	3640	14050112572	DO	1100	NA110000035	Batch 1552	91438	Electrical
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,127.89	5010	1100	3510	5560	5941	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1409080103710	9-Sep-14	1100	1	VS0000035516	GB Tech, Inc.	$6,790.84	5010	1100	2487	5725	9070	14062715901	DO	1100	NC140000002	staff augmentation-Lindsey McDougall	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408230098481	25-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,140.29	3250	1107	2501	5560	3650	14081518881	DO	1100	NA120000111	Batch #1609	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408230098514	25-Aug-14	6100	1	GUE2157000	JOSE I GUERRA INC	$673.70	3060	1107	302	5590	1211	13071517369	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1405190067263	20-May-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$550.52	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1403290052662	31-Mar-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$13,632.50	3250	1107	3480	5560	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404210059340	22-Apr-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$25,289.40	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Trading Post TP-789 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,094.65	3250	1107	2505	5560	3660	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,881.95	3250	1107	2506	5560	3660	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,943.14	3250	1107	3764	5560	3660	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$4,445.76	5010	1100	3708	5560	5930	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403290052738	31-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$61,139.05	5010	1100	3708	5560	5930	14031809933	DO	1100	NA120000111	Batch 1529	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405050063156	6-May-14	1100	1	APE8321977	APEX SYSTEMS INC	$15,177.47	3250	1107	3635	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405050063183	6-May-14	1100	2	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$8,491.58	3290	1107	5748	5590	3700	13102402009	DO	1100	NC140000002	Staff Augmentation-John Buck	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,802.41	3250	1107	3597	5560	3730	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1407080081928	9-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,305.54	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical
AD1407080081928	9-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$959.28	3250	1107	2599	5560	3640	MAX40371	DOM	1100	NA110000035	ST127421	91438	Electrical
AD1407080081928	9-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407080081928	9-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$6.50	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	24	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$456.96	3250	1107	3107	5560	3670	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,589.05	5010	1100	3212	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409150105634	16-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409160106223	17-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$165.25	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$553.95	3250	1107	2502	5560	3650	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$413.46	5010	1100	3212	5560	5982	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1407160085447	17-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1407160085447	17-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1407160085447	17-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$473.03	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1407080081888	9-Jul-14	1100	1	IHS8315176	IHS DESIGN STUDIO	$875.00	5010	1100	1105	5560	9210	14051203618	PO	1100		Fee for Review	96145	Inspection and Certification Services
AD1401110031983	13-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$6,195.00	3250	1107	3468	5560	3910	12101101075	DO	1100	NC130000002	Staff Augmentation_Backfill -Sunil Shenoy for c Cioffi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407070081697	9-Jul-14	1100	3	WRI8303917	WRIGHT TREE SVC INC	$19,147.64	5010	1100	3708	5560	5930	14062515739	DO	1100	NA120000111	Batch #1588	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079648	30-Jun-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406120074373	13-Jun-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$415.80	3230	1107	2933	5590	3520	13052014169	DO	6100	PA110000030	Austin Energy's Construction Materials Testing Services Mult	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406120074383	13-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$494.64	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1405270069524	28-May-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$135.20	3250	1107	2510	5560	3640	14051613496	DO	1100	NA120000111	Batch #1563	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407120083595	14-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1407120083595	14-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1407120083595	14-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$245.97	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1407120083595	14-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,474.64	3250	1107	3446	5560	3730	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,431.60	3250	1107	3745	5560	3660	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1401150033224	16-Jan-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$7,638.63	5010	1100	3708	5560	5930	14011306379	DO	1100	NA120000111	Batch 1505	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401150033224	16-Jan-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$108,750.78	5010	1100	3708	5560	5930	14011306379	DO	1100	NA120000111	Batch 1505	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,947.03	5010	1100	3510	5560	5941	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX38818	DOM	1100	NA110000035	ST125470	91438	Electrical
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$146,623.75	3230	1107	4286	5560	3530	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405170066941	19-May-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$10,783.50	3250	1107	3468	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,649.50	3250	1107	2123	5560	3730	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$22,663.14	3250	1107	3110	5560	3660	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1404220059918	23-Apr-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$4,086.23	3060	1107	313	5590	1211	13121304943	DO	6100	PA130000018	DCP Hotel Van Zandt Customer Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1404300062115	1-May-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$5,216.75	3240	1107	4951	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1401060030260	7-Jan-14	1100	1	VS0000035699	Quanta Technology LLC	$68,000.00	5010	1100	1330	5280	9210	13041600479	CT	1100		nerc compliance assesment consultant	91897	Utilities: Gas, Water, Electric Consulting
AD1403080046031	10-Mar-14	6500	1	RID3954000	RIDGWAYS LLC	$78.55	3060	1107	129	5560	1211	13121004695	DO	6500	NA130000008	CLMC449 Future District Cooling Plan #3 Water, Sewer & Temp	96214	Blue Printing Services: Blue Prints, Blue Line, La
AD1402190041255	20-Feb-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$34,587.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1402050038039	6-Feb-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$17,892.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1408180096305	19-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$361.12	3250	1107	2599	5560	3640	MAX41935	DOM	1100	NA110000035	ST130860	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$23,010.65	3250	1107	2500	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$256.58	5010	1100	3504	5560	5940	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$855.13	3250	1107	2123	5560	3730	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$22,769.99	3250	1107	2520	5560	3640	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$170.25	5010	1100	3403	5560	5930	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310300010767	31-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$21,010.77	5010	1100	3708	5560	5930	13102502147	DO	1100	NA120000111	Batch 1481	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311160015169	18-Nov-13	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$547.75	3250	1107	3106	5560	3670	MAX34707	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311040011958	5-Nov-13	1100	1	V00000914662	22ND CENTURY STAFFING INC	$14,820.00	3250	1107	3635	5590	3700	13061115616	DO	1100	NC130000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$18,311.36	3250	1107	3586	5560	3730	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,021.12	3250	1107	3455	5560	3620	13111203148	DO	1100	NA120000111	Batch 1488	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401210034202	22-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$18,000.00	3250	1107	3468	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088414	24-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$658.41	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1404050055048	7-Apr-14	1100	1	VS0000035305	Bansar Technologies Inc	$13,600.00	3250	1107	3635	5560	3910	13100900992	DO	1100	NC140000002	Staff augmentation- Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405210068152	22-May-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$18,242.22	3240	1107	4964	5590	3690	13120304268	DO	6100	PA110000030	Hamilton HM-123 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404170058523	18-Apr-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$300.00	3230	1107	4287	5560	3530	MAX34844	DOM	1100	NA100000024	Traffic control Circuit 1011	98176	Traffic Control Equipment and Accessories Rental o
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,586.80	3250	1107	2520	5560	3640	14050212679	DO	1100	NA120000111	Batch 1544	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$30,845.14	3250	1107	2501	5560	3650	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$13,894.93	3230	1107	1529	5560	3530	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,449.38	3240	1107	4854	5560	3620	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057238	15-Apr-14	1100	1	KEM7155110	KEMA INCORPORATED	$49,900.00	3250	1107	3463	5590	3690	MAX34007	DOM	1100	NA090000048	KEMA - Enterprise Data Warehouse/Analytics Analysis	2088201	GIS SOFTWARE PRE-PACKAGED

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1404140057298	15-Apr-14	1100	1	VC0000102886	TIME WARNER ENTERTAINMENT COMPANY LP	$1,176.54	3310	1107	5342	5560	3910	12102402036	DO	1100	NA130000004	Cable services for SCC Center	91524	Cable Television Services (Includdes Pay-Per-View
AD1405120065201	13-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$44,747.55	5010	1100	3708	5560	5930	14050612797	DO	1100	NA120000111	Batch 1545	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,404.24	3250	1107	2501	5560	3650	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1312170026398	18-Dec-13	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$31,094.64	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$38,972.49	5010	1100	3710	5560	5710	14041411545	DO	1100	NA120000110	Batch 1543	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403290052720	31-Mar-14	1100	3	VS0000019899	National Human Resource Group, Inc.	$12,760.00	5010	1100	8324	5725	9230	13101701548	DO	1100	NC140000002	Staff augmentation-Varma Siruvuri	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,080.25	3230	1107	4285	5560	3530	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409100104526	11-Sep-14	1100	4	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$7,665.00	5010	1100	8322	5725	9230	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404070055289	8-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$27,967.29	5010	1100	3708	5560	5930	14032510347	DO	1100	NA120000111	Batch 1536	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405050063190	6-May-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$13,983.99	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon Phase 2 - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$549.94	3250	1107	2037	5560	3640	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407080081928	9-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$47.38	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$983.67	5010	1100	3212	5560	5982	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,304.72	3250	1107	3734	5560	3620	14091720958	DO	1100	NA120000111	Batch #1637	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409230109073	24-Sep-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$8,076.25	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Backfill Maria Archuleta-Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$753.04	3250	1107	2520	5560	3640	14092321352	DO	1100	NA120000111	Batch 1645	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409150105634	16-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409160106223	17-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1409160106223	17-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,873.35	3250	1107	2510	5560	3640	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406190076453	20-Jun-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$8,167.25	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406050072236	6-Jun-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$715.05	3250	1107	2502	5560	3660	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$15,834.00	3290	1107	5748	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401230034916	24-Jan-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$14,098.00	3250	1107	3468	5560	3910	13101001097	DO	1100	NC140000002	Staff augmentation-John Perry	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406170075740	18-Jun-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$39,234.36	5010	1100	3708	5560	5930	14060314404	DO	1100	NA120000111	Batch #1572	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$449.36	3250	1107	2506	5560	3650	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1405240069103	27-May-14	1100	1	VS0000032630	Seaholm Power Development LLC	$2,774.52	3060	1107	257	5560	1211	MAX39723	DOM	1100	NA140000052	Invoice #5 for Seaholm Transmission line	91360	Construction, Water System, Main and Service Line
AD1406280079648	30-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$741.99	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406280079648	30-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074383	13-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$1,824.57	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$92.41	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$89.75	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,336.20	3250	1107	2037	5560	3640	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1403150048057	17-Mar-14	1100	2	MET7046770	METALINK CORP	$3,900.00	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1406120074383	13-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$500.06	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1405270069524	28-May-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$2,040.12	3250	1107	2501	5560	3660	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407120083581	14-Jul-14	1100	1	V00000905284	Wood Group Power Plant Services, Inc.	$151,816.00	3220	1107	3667	5590	3140	MAX38335	DOM	1100	GA140000008	SHEC 1-4 Controls Upgrade Change Order (Large)	94172	Power Generating and Transmitting Control System S
AD1407120083595	14-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,455.25	3250	1107	2510	5560	3640	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,489.93	3250	1107	3597	5560	3730	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$930.18	3250	1107	2520	5560	3640	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$11,512.20	5010	1100	3708	5560	5930	14030308972	DO	1100	NA120000111	Batch 1522	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408250098903	26-Aug-14	1100	1	PDS7116430	PDS TECH INC	$3,180.00	5010	1100	8322	5725	9230	14051613509	DO	1100	NC140000002	Staff augmentation-Tjitse Miller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$288.79	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1408070093305	8-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1408070093305	8-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$7,298.28	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	34	V00000914477	PIKE ENTERPRISES INC	$447.78	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$275.70	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1409060103047	8-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$608.19	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1409060103047	8-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$595.38	3250	1107	2599	5560	3640	MAX42479	DOM	1100	NA110000035	ST131580	91438	Electrical
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,725.22	3250	1107	3446	5560	3730	14082719696	DO	1100	NA110000035	Batch #1629	91438	Electrical
AD1409030102018	4-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$7,298.28	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1408190096678	20-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$1,278.66	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091706	5-Aug-14	1100	1	AUS0398750	AFMA INC	$511.11	5010	1100	1105	5560	9210	14060514595	DO	1100	NC130000016	Req A337635	93145	Furniture Installation and Reconfiguration Service
AD1408040091806	5-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$660.21	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41572	DOM	1100	NA110000035	ST131342	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,078.15	5010	1107	2501	5560	3650	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$55,712.76	3250	1107	2520	5560	3640	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1407220088023	23-Jul-14	5700	1	WES8305952	CLARENCE A. WEST	$750.00	5010	1100	1302	5620	9210	13072217806	DO	5700	PA130000060	Telecommunication	96149	Legal Services, Attorneys
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,255.19	3240	1107	4962	5560	3620	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1407220088024	23-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,392.01	5010	1100	3708	5560	5930	14071717099	DO	1100	NA120000111	Batch #1602	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34.05	5010	1100	3708	5560	5930	14070916538	DO	1100	NA120000111	Batch #1593	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406160075181	17-Jun-14	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$119,085.08	3060	1107	256	5560	1211	13071217315	DO	6100	CA130000008	2nd Street Bridge and Roadway Extension	91268	MANAGEMENT, CONSTRUCTION
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,918.95	5010	1100	3212	5560	5982	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$80,661.23	5010	1100	3708	5560	5930	13110803114	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,610.76	3230	1107	1518	5560	3530	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$454.90	3250	1107	3687	5560	3660	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1409250110039	26-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409170106724	18-Sep-14	1100	37	LUC8310706	LUCIDITY CONSULTING GROUP LP	$26,040.17	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	96200	MISCELLANEOUS SERVICES
AD1409170106724	18-Sep-14	1100	36	LUC8310706	LUCIDITY CONSULTING GROUP LP	$19,849.94	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,100.04	5010	1100	3212	5560	5982	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409200107353	22-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$10,396.92	5010	1100	3708	5560	5930	14091120631	DO	1100	NA120000111	Batch #1614	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409200107355	22-Sep-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$276.40	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,317.90	3250	1107	3110	5560	3660	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407030081194	7-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$308.12	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407030081194	7-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX40539	DOM	1100	NA110000035	ST128973	91438	Electrical
AD1407100082890	11-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407150084641	16-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$1,580.21	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$462.18	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$26,046.17	3250	1107	2510	5560	3640	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$20,801.49	3250	1107	3586	5560	3730	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$710.18	5010	1100	3215	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402260043236	27-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$334.25	5010	1100	3212	5560	5982	MAX37124	DOM	1100	NA100000024	LANE CLOSURE FOR WR# 117332	98176	Traffic Control Equipment and Accessories Rental o
AD1407150084702	16-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$909.16	3250	1107	2501	5560	3650	14070716331	DO	1100	NA120000111	Batch #1589	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407150084702	16-Jul-14	1100	5	WRI8303917	WRIGHT TREE SVC INC	$1,929.04	3250	1107	2520	5560	3640	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406300079843	1-Jul-14	6100	1	VS0000021255	CH2M HILL ENGINEERS, INC.	$1,342.55	5010	1100	2216	5590	5002	13061916061	DO	6100	S050368	River Bank Stabilization Project	92525	DESIGNING
AD1310010000653	2-Oct-13	1100	1	APE8321977	APEX SYSTEMS INC	$10,450.00	3250	1107	3468	5230	3690	13051013616	DO	1100	NC130000002	Staff augmentation- Charles Suhler	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407140084050	15-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$93,207.43	3250	1107	3110	5560	3660	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1310010000733	2-Oct-13	1100	1	VS0000007972	SENTARI TECHNOLOGIES INC	$2,016.00	3250	1107	3635	5590	3700	13060515151	DO	1100	NC130000002	Staff Augmentation-Bonny Kurian	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310050002154	7-Oct-13	1100	1	V00000911092	EKHP Consulting LLC	$7,600.00	3250	1107	3635	5590	3700	13080118509	DO	1100	NC130000002	Staff augmentatation - Ravinder Shukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310050002167	7-Oct-13	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$14,924.00	5010	1100	8321	5280	9230	13070817072	DO	1100	NC130000002	Staff agumentation-Mike O'Connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$84,694.97	3250	1107	2520	5560	3640	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1310190006522	21-Oct-13	6100	3	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$4,360.00	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1406210077249	23-Jun-14	1100	3	ASP7019530	ASPLUNDH TREE EXPERT CO	$7,135.20	3250	1107	3676	5560	3620	14061715220	DO	1100	NA120000111	Batch #1579	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405220068580	23-May-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1405220068580	23-May-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$7,298.28	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1407010080198	2-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$3,040.95	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$10,998.88	3250	1107	3597	5560	3730	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1403130047608	14-Mar-14	1100	7	LUC8310706	LUCIDITY CONSULTING GROUP LP	$2,512.65	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310220007052	23-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$142.58	5010	1100	3708	5560	5930	13101501457	DO	1100	NA120000111	Batch 1474	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310290010345	30-Oct-13	1100	1	VC0000103025	TELVENT USA LLC	$23,000.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,147.82	3240	1107	4962	5560	3620	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,939.19	3230	1107	2963	5560	3530	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$510.24	5010	1100	3212	5560	5982	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,900.42	3230	1107	1519	5560	3530	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$275.32	5010	1100	3212	5560	5982	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,202.72	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1401060030104	7-Jan-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$18,179.00	3250	1107	3468	5560	3910	13101001097	DO	1100	NC140000002	Staff augmentation-John Perry	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$90,617.22	3250	1107	2520	5560	3640	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1406260079095	27-Jun-14	1100	1	FOX1919750	INVENSYS SYSTEMS INC	$10,280.20	3220	1107	3667	5590	3140	MAX38194	CTM	1100		SHEC 1-4 Controls Upgrade Invensys Modbus Work	92522	Control Systems Engineering
AD1408090093755	11-Aug-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$18,200.00	3290	1107	5745	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$24,009.45	3230	1107	1521	5560	3530	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,678.99	5010	1100	3212	5560	5982	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$101,349.01	3230	1107	4285	5560	3530	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405170066947	19-May-14	1100	1	VS0000010098	Nipun Systems Inc.	$14,596.00	3250	1107	3468	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,973.55	3230	1107	3671	5560	3530	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1404300062168	1-May-14	1100	1	VS0000035305	Bansar Technologies Inc	$14,280.00	3250	1107	3635	5560	3910	13100900992	DO	1100	NC140000002	Staff augmentation- Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405150066388	16-May-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$7,200.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,052.48	3250	1107	2502	5560	3650	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,749.21	3250	1107	3652	5560	3660	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$270.78	5010	1100	3504	5560	5960	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1408260099260	27-Aug-14	1100	2	VS0000019899	National Human Resource Group, Inc.	$5,355.00	5010	1100	8323	5725	9230	13100100259	DO	1100	NC140000002	Staff augmentation-Cullen Lisbony	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,745.75	3240	1107	4962	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,457.81	3250	1107	2599	5560	3640	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,880.92	3250	1107	3758	5560	3640	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1408180096318	19-Aug-14	1100	1	VS0000007972	SENTARI TECHNOLOGIES INC	$28,031.25	5010	1100	8322	5725	9230	14031009443	DO	1100	NC140000002	Staff augmentation-Rakesh Myaka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$206.24	3230	1107	1519	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$18,037.20	3240	1107	4962	5560	3620	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,100.90	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403190049215	20-Mar-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$11,969.75	5010	1100	1307	5590	9210	13050213134	DO	6100	PA100000043	Air Quality Permitting for AE's Facilities - Additiional Svr	92535	Environmental Engineering
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,464.65	3250	1107	3691	5560	3620	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,748.26	3250	1107	2520	5560	3640	13111203148	DO	1100	NA120000111	Batch 1488	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401210034202	22-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$12,500.00	3250	1107	3480	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088414	24-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1407230088414	24-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$142.13	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1405210068156	22-May-14	1100	1	TEC4570250	TECHLINE INC	$14,102.50	3250	1107	3446	5560	3730	MAX39498	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 23	28576	Street Lighting Luminaires, Accessories and Parts
AD1405140065918	15-May-14	1100	1	VS0000032630	Seaholm Power Development LLC	$136,075.09	3060	1107	257	5560	1211	MAX39202	DOM	1100	NA140000052	Payment #4 for Seaholm Transmission Line	91360	Construction, Water System, Main and Service Line
AD1405080064534	9-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$14,869.93	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Closing - Trading Post TP-789 Transformer & Switchgear Unit	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1408300101424	2-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$741.99	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,182.94	3250	1107	3106	5560	3670	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,044.51	3250	1107	3731	5560	3650	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405120065201	13-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$10,290.36	5010	1100	3708	5560	5930	14050612797	DO	1100	NA120000111	Batch 1545	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$118.72	3230	1107	2959	5560	3530	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405190067263	20-May-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1311190017492	20-Nov-13	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$4,045.59	5010	1100	8324	5560	9304	13071217344	DO	1100	NC130000003	Cabling serv Domain	9621826	COMPUTER CABLE INSTALLATION
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$375.12	3250	1107	2501	5560	3650	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404020053963	3-Apr-14	6100	1	VS0000037121	Civil & Environmental Consultants, Inc.	$5,945.00	3310	1107	5416	5590	3900	13073118464A	DO	6100	PA110000062	E. Riverside Dr. Project (7441.013)	92517	Civil Engineering
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,792.13	3250	1107	3586	5560	3730	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,874.04	5010	1100	3404	5560	5960	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,087.11	3250	1107	2510	5560	3640	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1404080055753	9-Apr-14	6100	1	DPR8302563	DPR CONSTRUCTION INC	$286,938.33	3310	1107	5327	5560	3910	0907290178l-05	CT	6100		Bid Pkg. 5 - Main (Interiors) Pkg. Incl. Const. Trades Pkg.	95826	Construction Management Services
AD1409150105581	16-Sep-14	6100	1	MEC8310574	MECHANICAL & PROCESS SYSTEMS LLC	$16,577.29	3060	1107	319	5560	1211	14020507630	DO	6100	CA130000010	Westin Chilled Water Connection	91340	Construction, Pipeline
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$103.53	3250	1107	2510	5560	3640	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$5,228.76	3250	1107	2599	5560	3640	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409110105047	12-Sep-14	1100	1	NAL3365500	NALCO COMPANY	$9,000.00	3060	1107	309	5560	1211	MAX38775	DOM	1100	NA110000056	DOMAIN - Parkside 5 Mech Room - Clean and Passivate	96223	Chemical Treatment of Boiler and Tower Water
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,526.90	3250	1107	2502	5560	3650	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,230.24	3250	1107	2502	5560	3650	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$136.14	5010	1100	3403	5560	5940	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,044.74	3250	1107	2500	5560	3620	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407160085491	17-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,026.83	5010	1100	3212	5560	5982	14071016643	DO	1100	NA120000111	Batch 1596	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081928	9-Jul-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$1,232.52	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,609.17	3250	1107	3446	5560	3730	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,309.25	3250	1107	3586	5560	3730	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$15,295.43	5010	1100	3708	5560	5930	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409230109136	24-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$3,106.16	3240	1107	4960	5590	3620	14071616978	DO	6100	PA110000030	PR 1.29, Salem Walk 123 Relay Settings and Field Support	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1409160106190	17-Sep-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$259.75	5010	1100	3403	5560	5930	MAX41557	DOM	1100	NA100000024	WR 131492 - 2819 Rio Grande Alley Closure	98176	Traffic Control Equipment and Accessories Rental o
AD1409160106223	17-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$283.81	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,044.86	5010	1100	3215	5560	5982	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1406050072236	6-Jun-14	1100	5	ASP7019530	ASPLUNDH TREE EXPERT CO	$869.70	3250	1107	3669	5560	3620	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407190086834	21-Jul-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$1,672.00	5010	1100	8322	5725	9302	14051913587	DO	1100	NC140000002	Staff augmentation-Michael Goodman	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$13,166.40	3290	1107	5748	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085453	17-Jul-14	6100	1	VC0000100167	MALONE/WHEELER INC	$24,915.19	3250	1107	3741	5230	3660	14032810618	DO	6100	PA110000062	Distribution Duct Design for Davis WTP	92517	Civil Engineering
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,379.91	3230	1107	4290	5560	3530	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406110074003	12-Jun-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$272.40	3250	1107	2502	5560	3650	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406120074297	13-Jun-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$18,800.00	3250	1107	3468	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079648	30-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,720.45	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1407220088177	23-Jul-14	7500	2	VC0000103339	GG'S CONSTRUCTION	$1,479.90	5010	1100	1105	5560	9230	14062015506	DO	7500	NA120000072	June 2014 - Painting, AE at the Domain - WO 18890	91054	Painting, Maintenance and Repair Services
AD1406280079648	30-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$89.75	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$851.43	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$639.33	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1403150048052	17-Mar-14	6100	2	JAM8303623	WILLIAMS & THOMAS LP	$64,575.00	3290	1107	5742	5560	3900	13123105618	DO	6100	CA130000003	Decker PP Admin. Bldg. Renovation	91231	CONSTRUCTION, REMODEL & ALTERA
AD1406160075258	17-Jun-14	1100	2	V00000914964	The Evolvers Group, L.P.	$22,620.00	3290	1107	5748	5560	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407120083595	14-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,918.56	3250	1107	2510	5560	3640	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$818.88	5010	1100	3212	5560	5982	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$131.24	3250	1107	2501	5560	3650	14030308972	DO	1100	NA120000111	Batch 1522	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$972.36	5010	1100	3212	5560	5982	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,124.58	5010	1100	3212	5560	5982	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1406240078535	25-Jun-14	1100	6	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$136.88	3290	1107	5745	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$995.02	3250	1107	2501	5560	3650	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,379.18	5010	1100	3708	5560	5930	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408050092152	6-Aug-14	1100	1	V00000908970	NewGen Strategies and Solutions, LLC.	$6,030.00	5010	1100	8312	5280	9230	13082100842A	CT	1100		Ad Hoc Rate making and model notification.	91812	Analytical Studies and Surveys (Consulting)
AD1408070093273	8-Aug-14	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$730.00	5010	1100	3504	5560	5930	MAX40690	DOM	1100	S060166	LCRA Invoice T4M-0011250	96148	Laboratory and Field Testing Services (Not Otherwi
AD1408070093305	8-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,535.62	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$357.89	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1409020101712	3-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1408210097746	22-Aug-14	1100	1	V00000906918	WhitakerIT LLC	$877.05	5010	1100	8322	5725	9230	14062515723	DO	1100	NC140000002	DPA14-142GODIRECT- Anthony Clary	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096577	20-Aug-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$284.72	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,274.36	3230	1107	1521	5560	3530	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$742.86	3250	1107	4605	5560	3660	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409030102018	4-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1408190096675	20-Aug-14	1100	1	V00000909300	Juliee Beyt	$475.00	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1408190096678	20-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$608.19	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	27	V00000914477	PIKE ENTERPRISES INC	$92.41	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$1,483.98	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$413.58	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091806	5-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$3,187.68	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$70.28	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	25	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$550.52	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41572	DOM	1100	NA110000035	ST131342	91438	Electrical
AD1408040091806	5-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41572	DOM	1100	NA110000035	ST131342	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$21,072.98	3250	1107	3446	5560	3730	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$413.46	5010	1100	3212	5560	5982	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1405270069401	28-May-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$68.10	3250	1107	2501	5560	3650	14051513380	DO	1100	NA120000111	Batch #1557	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,522.13	3250	1107	3106	5560	3670	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34.05	3250	1107	2501	5560	3650	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408160095798	18-Aug-14	1100	1	VC0000103025	TELVENT USA LLC	$175,125.00	3250	1107	3463	5590	3690	14081218638	DO	1100	NA120000184	ADMS Project	92045	Software Maintenance/Support

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1409250110039	26-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$77.04	3250	1107	2599	5560	3640	MAX43153	DOM	1100	NA110000035	ST133440	91438	Electrical
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$20,720.11	3230	1107	1518	5560	3530	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,398.29	5010	1100	3504	5560	5960	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311180016426	19-Nov-13	6100	1	DPR8302563	DPR CONSTRUCTION INC	$19,415.79	3310	1107	5327	5560	3910	09072901781-04	CT	6100		Bid Pkg. 04 - Civil,Struc.,Landscape & Irrigation, Trades Pk	95826	Construction Management Services
AD1409170106724	18-Sep-14	1100	19	LUC8310706	LUCIDITY CONSULTING GROUP LP	$18,761.12	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409200107353	22-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$814.00	3250	1107	2506	5560	3650	14091120631	DO	1100	NA120000111	Batch #1614	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407150084641	16-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$551.28	5010	1100	3212	5560	5982	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$826.92	5010	1100	3504	5560	5960	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$76,144.53	3250	1107	2520	5560	3640	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$67.60	3250	1107	2510	5560	3640	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$8,213.67	5010	1100	3403	5560	5930	13121905282	DO	1100	NA120000111	Batch 1499	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028456	30-Dec-13	1100	1	APE8321977	APEX SYSTEMS INC	$800.00	3250	1107	3468	5230	3690	13051013616	DO	1100	NC130000002	Staff augmentation- Charles Suhler	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,696.02	3240	1107	4954	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$293.12	3250	1107	3613	5560	3660	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402060038506	7-Feb-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$18,612.80	3250	1107	3480	5560	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402010036944	3-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$584.25	3250	1107	2501	5560	3650	MAX34433	DOM	1100	NA100000024	TRAFFIC CONTROL N-LINE 2007 MCCALL LN	98176	Traffic Control Equipment and Accessories Rental o
AD1407010080068	2-Jul-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$2,268.00	3060	1107	313	5590	1211	13121304943	DO	6100	PA130000018	DCP Hotel Van Zandt Customer Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1311060012706	7-Nov-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$1,800.50	5010	1100	1307	5590	9210	12102201814	DO	6100	PA080000085	ECC - PST Assessment	92535	Environmental Engineering
AD1310280009494	29-Oct-13	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$306.10	3230	1107	1510	5560	3540	MAX32590	DOM	1100	S060166	Steel for circuit 974	91438	Electrical
AD1310050002043	7-Oct-13	1100	1	VC0000101574	TUERFF-DAVIS ENVIROMEDIA INC	$11,789.75	6920	1100	8995	5280		12021308234	DO	1100	NA110000131	Marketing services for better buildings grant	96153	Marketing Services
AD1407140084050	15-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1402010036977	3-Feb-14	1100	1	VS0000016971	Prime Controls, L.P.	$3,251.09	3060	1107	106	5560	1211	MAX34485	DOM	1100	NA130000070	Install hot box and conduit purchase and install	94155	HVAC Systems Maintenance and Repair, Power Plant
AD1402200041668	21-Feb-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$68,957.00	3320	1107	7500	5560	3110	11072001203	CT	6100		Holly Power Plant Decommissioning - Reissue	91230	Construction, Power Plant
AD1310070002541	8-Oct-13	1100	4	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$318.00	3250	1107	3594	5560	3670	MAX33140	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1310020001199	3-Oct-13	6100	1	LIM7079715	LIMBACHER & GODFREY INC	$33,985.33	5010	1100	1105	5590	9230	13080218635	DO	6100	PA130000040	AE Office Building at Grove & Riverside	91815	Architectural Consulting
AD1311050012333	6-Nov-13	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$14,560.00	3250	1107	3468	5230	3910	13070316890	DO	1100	NC130000002	Staff Augmentation-Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,381.89	5010	1100	3404	5560	5710	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1407010080198	2-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1407030081120	7-Jul-14	1100	14	LUC8310706	LUCIDITY CONSULTING GROUP LP	$12,488.30	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	3250	1107	2123	5560	3730	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1402060038424	7-Feb-14	1100	1	DAM7098840	DAMAN CONSULTING	$14,288.00	3250	1107	3468	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312040022999	5-Dec-13	5700	1	LLO2915000	LLOYD GOSSELINK ROCHELLE & TOWNSEND PC	$27,595.70	5010	1100	1314	5620	9280	13112203863	DO	5700	PA100000059	2012 Rate Proceedings	96149	Legal Services, Attorneys
AD1312040023017	5-Dec-13	1100	6	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$415.75	3250	1107	3594	5560	3670	MAX33340	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1312040023017	5-Dec-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$251.00	3250	1107	3594	5560	3670	MAX33811	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1310220007168	23-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$33,801.64	5010	1100	1307	5590	9210	13050213134	DO	6100	PA100000043	Air Quality Permitting for AE's Facilities - Additiional Svr	92535	Environmental Engineering
AD1403170048354	18-Mar-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$1,760.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$957.09	3230	1107	2963	5560	3530	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,873.25	3250	1107	2502	5560	3660	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,576.28	3250	1107	2505	5560	3660	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$27,408.65	3240	1107	4958	5560	3620	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1401160033622	17-Jan-14	6100	1	LIM7079715	LIMBACHER & GODFREY INC	$10,195.60	5010	1100	1105	5590	9230	13080218635	DO	6100	PA130000040	AE Office Building at Grove & Riverside	91815	Architectural Consulting
AD1402270043655	28-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$635.75	5010	1100	3404	5560	5710	MAX36181	DOM	1100	NA100000024	Various lane closures for Circuit 826 maintenance.	98176	Traffic Control Equipment and Accessories Rental o
AD1401070030799	8-Jan-14	1100	1	V00000910827	The Anfield Group	$25,000.00	5010	1100	8322	5280	9230	13060300626	CT	1100		Audit Preparation Services	91800	CONSULTING SERVICES
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,184.15	3230	1107	1508	5560	3530	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$8,983.58	3230	1107	1519	5590	3530	13090620825	DO	6100	PA110000030	Grove to Kingsbery CKT 9847 Relay Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1312030022574	4-Dec-13	6100	1	FRE1930500	FREESE & NICHOLS INC	$2,513.25	3290	1107	6999	5590	3900	11081223007A	DO	6100	PA090000005	Longhorn Dam Rehab. Conceptual Design Phase	92517	Civil Engineering
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$4,206.85	5010	1100	3202	5590	5620	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403050044945	6-Mar-14	1100	1	V00000910827	The Anfield Group	$30,000.00	5010	1100	8322	5280	9230	13060300626A	CT	1100		Audit Preparation Services	91800	CONSULTING SERVICES
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$10,594.60	3250	1107	3446	5560	3730	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1408060092564	7-Aug-14	1100	5	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$912.50	3290	1107	5749	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,646.14	3230	1107	2963	5560	3530	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$694.01	5010	1100	3212	5560	5982	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,393.58	3230	1107	3671	5560	3530	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059870	23-Apr-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$156.61	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1405150066284	16-May-14	1100	5	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,291.00	3250	1107	3749	5560	3620	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403310052997	1-Apr-14	1100	1	CLE8315038	CLEAN POWER RESEARCH LLC	$55,995.00	5010	1100	2450	5280	9070	13071900738	CT	1100		Value of Solar Study	91842	Engineering Consulting
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,179.16	3250	1107	2501	5560	3660	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,295.77	3250	1107	2502	5560	3660	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$19,984.60	3250	1107	3105	5560	3660	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,340.98	3250	1107	3669	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$365.42	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$909.14	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$713.72	5010	1100	3504	5560	5940	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403190049215	20-Mar-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$546.60	5010	1100	1307	5590	9210	12102201814	DO	6100	PA080000085	ECC - PST Assessment	92535	Environmental Engineering
AD1404090056089	10-Apr-14	1100	1	APE8321977	APEX SYSTEMS INC	$12,508.08	3250	1107	3635	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310300010767	31-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$9,645.20	5010	1100	3708	5560	5930	13102502147	DO	1100	NA120000111	Batch 1481	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$751.35	5010	1100	3403	5560	5930	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,472.08	5010	1100	3710	5560	5710	13100700715	DO	1100	NA120000110	Batch 1471	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004605	15-Oct-13	1100	1	V00000909300	Juliee Beyt	$412.50	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1402190041313	20-Feb-14	1100	1	NAL3365500	NALCO COMPANY	$14,933.41	3060	1107	309	5560	1211	MAX33310	DOM	1100	NA110000056	Domain Parkside 5-UG CW Piping Cleaning	96223	Chemical Treatment of Boiler and Tower Water
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$15,083.22	3250	1107	3635	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088414	24-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1408260099113	27-Aug-14	1100	1	V00000917683	RPD SYSTEMS LLC	$11,950.40	5010	1100	8322	5725	9230	14053014261	DO	1100	NC140000002	Staff agumentation-Swetha Akinapally	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,698.86	3250	1107	3753	5560	3660	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,565.51	3230	1107	4284	5560	3530	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1407290089696	30-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$866.37	3250	1107	2599	5560	3640	MAX41327	DOM	1100	NA110000035	ST122930	91438	Electrical
AD1409150105582	16-Sep-14	1100	2	MET7046770	METALINK CORP	$2,302.20	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,993.72	3250	1107	2501	5560	3660	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1409110105001	12-Sep-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$25,920.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1408300101435	2-Sep-14	1100	1	VC0000102788	ORACLE AMERICA INC	$297.56	3250	1107	3468	5560	3910	13082019685	DO	1100	NC130000002	Oracle profesional services	91829	Computer Software Consulting
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,546.53	3250	1107	2502	5560	3650	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$132,697.69	3250	1107	3110	5560	3660	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405190067263	20-May-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$500.06	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$27,186.91	5010	1100	3708	5560	5930	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$12,470.80	5010	1100	3708	5560	5930	14041011417	DO	1100	NA120000111	Batch 1539	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409100104640	11-Sep-14	1100	2	V00000914964	The Evolvers Group, L.P.	$21,070.40	3290	1107	5748	5560	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404080055770	9-Apr-14	1100	1	APE8321977	APEX SYSTEMS INC	$14,012.50	3250	1107	3480	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404080055770	9-Apr-14	1100	1	APE8321977	APEX SYSTEMS INC	$14,060.00	3250	1107	3468	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$26,729.23	3240	1107	4959	5560	3620	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,048.08	3250	1107	3766	5560	3620	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$17,176.36	3250	1107	3446	5560	3730	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,095.48	3250	1107	3597	5560	3730	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407080081928	9-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$194.64	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$107.28	3240	1107	4854	5560	3530	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409160106190	17-Sep-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$326.25	3250	1107	2520	5560	3640	MAX42430	DOM	1100	NA100000024	WR 134650 - 1601 Payton Gin Road	98176	Traffic Control Equipment and Accessories Rental o
AD1409160106223	17-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,366.05	3250	1107	2123	5560	3730	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$7,968.61	3290	1107	5748	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$15,551.25	3290	1107	5748	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409240109441	25-Sep-14	1100	2	DAM7098840	DAMAN CONSULTING INC	$20,032.00	5010	1100	8322	5725	9230	14032610407	DO	1100	NC140000002	Staff augmentation-Vamsi Namburi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409160106190	17-Sep-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$761.00	3250	1107	2506	5560	3660	MAX42129	DOM	1100	NA100000024	WR 95109 - 8227 N Lamar Blvd	98176	Traffic Control Equipment and Accessories Rental o
AD1401220034536	23-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$14,896.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401220034645	23-Jan-14	1100	1	VS0000010098	Nipun Systems Inc.	$12,816.00	3250	1107	3468	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085427	17-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$745.54	3230	1107	1519	5590	3530	13090620825	DO	6100	PA110000030	Grove to Kingsbery CKT 9847 Relay Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407160085427	17-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$4,646.02	3230	1107	1525	5590	3520	13112604076	DO	6100	PA110000030	Garfield GF Yard Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407080081901	9-Jul-14	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$147.00	5010	1100	3504	5560	5930	MAX40455	DOM	1100	S060166	LCRA Invoice T4M-0011203	96148	Laboratory and Field Testing Services (Not Otherwi
AD1407190086903	21-Jul-14	1100	3	NEO8311042	NEOS CONSULTING GROUP L L C	$8,400.00	3290	1107	5745	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406110074003	12-Jun-14	1100	6	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,030.51	3250	1107	3749	5560	3620	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079648	30-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$2,973.30	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406120074362	13-Jun-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$186.75	3250	1107	3106	5560	3670	MAX38691	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX39842	DOM	1100	NA110000035	ST 125762	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$283.81	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$3,649.14	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$147.02	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1401220034655	23-Jan-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$14,564.00	3290	1107	5421	5560	3910	13100800872	DO	1100	NC140000002	Staff augugentation-Bruce Zarate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403150048057	17-Mar-14	1100	2	MET7046770	METALINK CORP	$11,561.30	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1407220088145	23-Jul-14	1100	1	V00000906918	WhitakerIT LLC	$4,465.50	5010	1100	8322	5725	9230	14050712870	DO	1100	NC140000002	Staff augmentation- Matthew Pecoraro	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406100073533	11-Jun-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$633.84	3250	1107	2501	5560	3660	14052814083	DO	1100	NA120000111	Batch #1568	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407120083595	14-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1407120083595	14-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1407120083595	14-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1406090073207	10-Jun-14	1100	2	VC0000103535	RW BECK GROUP INC	$3,000.00	5010	1100	1314	5280	9302	12092422370	DO	1100	NA100000128	Rate Review Task Order A-3	91897	Utilities: Gas, Water, Electric Consulting
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$984.72	3250	1107	3728	5560	3620	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1402180040810	19-Feb-14	1100	1	VC0000102886	TIME WARNER ENTERTAINMENT COMPANY LP	$1,194.48	3310	1107	5342	5560	3910	12102402036	DO	1100	NA130000004	Cable services for SCC Center	91524	Cable Television Services (Includdes Pay-Per-View
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,029.65	5010	1100	3708	5560	5930	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408120094454	13-Aug-14	1100	1	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$4,800.00	5010	1100	8322	5725	9230	14061114867	DO	1100	NC140000002	Staff augmentation-Picky Butani	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,522.13	5010	1100	3708	5560	5930	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41579	DOM	1100	NA110000035	ST131580	91438	Electrical
AD1408070093305	8-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$1,351.50	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$310.80	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$987.63	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$658.42	3250	1107	2599	5560	3640	MAX42412	DOM	1100	NA110000035	ST131730	91438	Electrical
AD1408190096551	20-Aug-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$7,986.00	3290	1107	5748	5590	3700	13101701607	DO	1100	NC140000002	Staff Augmentation- Kim Plummer	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$390.64	3230	1107	4285	5560	3530	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409030102018	4-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1408190096675	20-Aug-14	1100	1	V00000909300	Juliee Beyt	$350.00	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1408190096678	20-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$1,097.35	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$356.78	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408040091806	5-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX41353	DOM	1100	NA110000035	ST131500	91438	Electrical
AD1408040091806	5-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$6.22	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,434.51	3250	1107	2123	5560	3730	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1409250110039	26-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$152.71	3250	1107	2599	5560	3640	MAX43153	DOM	1100	NA110000035	ST133440	91438	Electrical
AD1310210006878	22-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$2,372.50	3290	1107	5415	5590	3900	11122705273	DO	6100	PA080000085	SPCC Spill Containment Design Proj.	92535	Environmental Engineering
AD1409250110039	26-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1409250110039	26-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical
AD1409250110039	26-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$1,316.84	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,672.88	5010	1100	3708	5560	5930	14091220692	DO	1100	NA120000111	Batch 1622	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106724	18-Sep-14	1100	25	LUC8310706	LUCIDITY CONSULTING GROUP LP	$28,979.23	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	30	LUC8310706	LUCIDITY CONSULTING GROUP LP	$21,659.60	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$912.62	5010	1100	3504	5560	5940	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$468.00	5010	1100	3504	5560	5960	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,829.04	3250	1107	3778	5560	3640	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,312.61	3250	1107	4619	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409200107355	22-Sep-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$11,112.96	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1407030081194	7-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407030081194	7-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX40539	DOM	1100	NA110000035	ST128973	91438	Electrical
AD1407150084641	16-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$250.03	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$660.21	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$902.80	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$89.75	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1312250027940	26-Dec-13	6100	1	STA7106205	STANLEY CONSULTANTS INC	$19,000.00	3230	1107	4285	5590	3540	13090620822	DO	6100	PA110000030	Tower Modeling Engineering Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1312120025082	13-Dec-13	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$12,110.58	5010	1100	1302	5620	9210	13110102546	DO	5700	PA140000006	NAES Corporation v COA	96149	Legal Services, Attorneys
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$135,115.88	5010	1100	3708	5560	5930	13121905282	DO	1100	NA120000111	Batch 1499	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$66,643.37	3240	1107	4958	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402060038527	7-Feb-14	1100	1	V00000914964	The Evolvers Group, L.P.	$19,240.00	3250	1107	3635	5590	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407100082903	11-Jul-14	1100	1	VC0000103025	TELVENT USA LLC	$18,700.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1407150084702	16-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,739.92	3250	1107	2501	5560	3650	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406210077249	23-Jun-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,288.20	5010	1100	3710	5560	5710	14061715230	DO	1100	NA120000110	Batch #1581	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402010036977	3-Feb-14	1100	1	VS0000016971	Prime Controls, L.P.	$24,486.00	3060	1107	106	5560	1211	MAX34485	DOM	1100	NA130000070	Install hot box and conduit purchase and install	94155	HVAC Systems Maintenance and Repair, Power Plant
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$16,896.16	3240	1107	4854	5560	3620	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,127.27	3230	1107	1521	5560	3530	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1402130039958	14-Feb-14	1100	2	INT8304095	INTEGRA REALTY RESOURCES	$3,800.00	3230	1107	3645	5590	3530	MAX36827	CTM	1100		IRR Appraisal Services	94615	Appraisal Services, Real Estate
AD1407010080198	2-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1311050012360	6-Nov-13	6100	1	MAL6026965	MALDONADO NURSERY & LANDSCAPING INC	$11,463.12	3230	1107	2793	5560	3520	12011900500	CT	6100		Mueller Substation Landscaping & Irrigation System - Rebid	91227	Construction, Irrigation System
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$21,033.39	3250	1107	3586	5560	3730	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$846.80	3250	1107	3726	5560	3660	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,289.46	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1312040023017	5-Dec-13	1100	5	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$171.50	3250	1107	3594	5560	3670	MAX33340	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1312040023017	5-Dec-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$1,194.75	3250	1107	3590	5560	3660	MAX33340	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311050012256	6-Nov-13	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$13,920.00	3250	1107	3635	5590	3700	13072918330	DO	1100	NC130000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403170048396	18-Mar-14	1100	1	HHC7001290	TEXAS CRANE SERVICES	$1,430.00	3230	1107	3645	5560	3530	MAX37061	DOM	1100	NA100000099	Crane rental Ckt 975	97526	Crane Rental or Lease
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$17,371.00	3240	1107	4964	5560	3620	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,781.09	3250	1107	2123	5560	3730	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,037.42	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403050044924	6-Mar-14	6100	6	STA7106205	STANLEY CONSULTANTS INC	$3,985.44	3240	1107	4953	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403050044932	6-Mar-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$5,898.84	5010	1100	1307	5590	9210	12090721206	DO	6100	PA100000043	Air Quality Permitting for Austin Energy Facilities	92535	Environmental Engineering
AD1401070030833	8-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$14,924.00	3250	1107	3635	5560	3910	13101101215	DO	1100	NC140000002	Staff augmentation-Abhishek Rateria	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,211.68	3250	1107	2599	5560	3640	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$41,495.85	3250	1107	3452	5560	3620	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,299.51	3230	1107	1529	5560	3530	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$66,745.05	3230	1107	4290	5560	3530	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1404100056575	11-Apr-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$313.50	5010	1100	1307	5590	9210	12062116487	DO	6100	PA080000085	Holly Sediment Project	92535	Environmental Engineering
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,740.96	5010	1100	3215	5560	5982	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405010062401	2-May-14	1100	1	VC0000103025	TELVENT USA LLC	$17,720.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1405150066319	16-May-14	1100	1	GRO7148575	RJW OPERATIONS INC	$2,100.00	5010	1100	1125	5280	9210	14011400224-1	CT	1100		Facilitator Services for Customer Care	91827	Community Development Consulting
AD1408260099260	27-Aug-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$12,342.40	5010	1100	2450	5725	9070	14062515765	DO	1100	NC140000002	DPA14-107REBID- Peter Friedland Systems analyst 3 Emerging	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088378	24-Jul-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$20,532.80	5010	1100	8322	5725	9230	14032610407	DO	1100	NC140000002	Staff augmentation-Vamsi Namburi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403110046869	12-Mar-14	1100	1	V00000911092	EKHP Consulting LLC	$3,800.00	3250	1107	3468	5560	3910	13101001039	DO	1100	NC140000002	Staff augumentation-Ravinder Saukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096292	19-Aug-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$7,885.00	3290	1107	5761	5725	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$365.42	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$584.96	5010	1100	3415	5560	5700	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1408180096314	19-Aug-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$14,560.00	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,638.10	3250	1107	2510	5560	3640	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403250051492	26-Mar-14	1100	4	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$538.00	3250	1107	3107	5560	3670	MAX37961	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,450.48	5010	1100	3212	5560	5982	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1403250051561	26-Mar-14	1100	1	VS0000016971	Prime Controls, L.P.	$6,834.24	3060	1107	106	5560	1211	MAX34485	DOM	1100	NA130000070	Install hot box and conduit purchase and install	94155	HVAC Systems Maintenance and Repair, Power Plant
AD1404230060267	24-Apr-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$462.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1404050054982	7-Apr-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$7,392.00	3290	1107	5748	5590	3700	13101701607	DO	1100	NC140000002	Staff Augmentation- Kim Plummer	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$320.74	3250	1107	2501	5560	3650	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310300010767	31-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$530.80	3250	1107	2506	5560	3650	13102502147	DO	1100	NA120000111	Batch 1481	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34.05	3250	1107	2500	5560	3620	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$204.30	5010	1100	3212	5560	5982	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$37,206.80	5010	1100	3710	5560	5710	13111203143	DO	1100	NA120000110	Batch 1489	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004605	15-Oct-13	1100	1	V00000909300	Juliee Beyt	$700.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1408130095259	14-Aug-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$20,720.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088430	24-Jul-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$25,380.00	5010	1100	8322	5725	9230	14022708802	DO	1100	NC140000002	Prasanth Renduchintala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405210068152	22-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$8,123.79	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1310090003307	10-Oct-13	6100	1	ACR0045900	ACR ENGINEERING INC	$8,500.00	5010	1100	2222	5590	4171	12062216572A	DO	6100	PA080000064	Solicitation for CW pipe in ROW	91842	Engineering Consulting
AD1408300101424	2-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$147.02	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1408300101424	2-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$357.23	3250	1107	2599	5560	3640	MAX42205	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$551.28	5010	1100	3212	5560	5982	14050112572	DO	1100	NA110000035	Batch 1552	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,275.49	3250	1107	3638	5560	3660	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1405100064956	12-May-14	1100	1	THI7027395	THIELSCH ENGINEERING INC	$116,040.00	3060	1107	310	5560	1211	MAX36826	DOM	1100	NA120000033	Replace 8 Cooling Tower Fans & Decking at DCP1	94125	Boiler Maintenance and Repair, Steam (Including Te
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$20,178.60	3230	1107	2963	5560	3530	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,859.54	5010	1100	3212	5560	5982	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405120065235	13-May-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$1,357.20	3060	1107	312	5590	1211	13123105633	DO	6100	PA130000018	Green Water Treatment CW Pipe Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$4,058.40	3250	1107	2520	5560	3640	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103978	10-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$343.20	3250	1107	2502	5560	3660	14090219939	DO	1100	NA120000111	Batch #1623	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409110105007	12-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$13,824.72	3290	1107	5748	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$476.62	3250	1107	3759	5560	3620	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1403290052738	31-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$5,556.07	3250	1107	3452	5560	3620	14031809933	DO	1100	NA120000111	Batch 1529	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404240060574	25-Apr-14	1100	6	LUC8310706	LUCIDITY CONSULTING GROUP LP	$9,045.54	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404240060574	25-Apr-14	1100	4	LUC8310706	LUCIDITY CONSULTING GROUP LP	$2,003.20	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404030054457	4-Apr-14	6100	1	HDR8318192	HDR ENGINEERING INC	$2,956.31	3060	1107	129	5590	1211	120831209330B	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$21,452.48	3250	1107	3446	5560	3730	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$591.96	5010	1100	3212	5560	5982	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,914.78	3250	1107	3723	5560	3660	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407080081928	9-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$278.84	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	25	V00000914477	PIKE ENTERPRISES INC	$741.99	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	31	V00000914477	PIKE ENTERPRISES INC	$1,097.35	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	32	V00000914477	PIKE ENTERPRISES INC	$275.72	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	37	V00000914477	PIKE ENTERPRISES INC	$1,119.45	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,857.73	3250	1107	2501	5560	3650	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1312170026479	18-Dec-13	5700	1	LLO2915000	LLOYD GOSSELINK ROCHELLE & TOWNSEND PC	$2,482.38	5010	1100	1314	5620	9280	13112203863	DO	5700	PA100000059	2012 Rate Proceedings	96149	Legal Services, Attorneys
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$54,306.87	5010	1100	3708	5560	5930	14091720981	DO	1100	NA120000111	Batch #1630	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312050023262	6-Dec-13	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$915.35	5010	1100	1105	5590	9210	11112803754C	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$17,011.20	5010	1100	3708	5560	5930	14092321352	DO	1100	NA120000111	Batch 1645	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110933	30-Sep-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$321.50	5010	1100	1307	5590	9210	14011306375	DO	6100	PA080000085	ECC - PST Removal	92535	Environmental Engineering
AD1409160106155	17-Sep-14	5700	1	AND8303648	ANDREWS & KURTH L L P	$15,084.00	5010	1100	1302	5620	9230	14061815339	DO	5700	PA140000042	Chilled Water Service Agreements	96149	Legal Services, Attorneys
AD1409160106223	17-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1406050072236	6-Jun-14	1100	7	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,869.61	5010	1100	3708	5560	5930	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406230077842	24-Jun-14	1100	7	WRI8303917	WRIGHT TREE SVC INC	$4,347.16	5010	1100	3708	5560	5930	14061114909	DO	1100	NA120000111	Batch #1578	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409240109440	25-Sep-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$24,437.50	5010	1100	8322	5725	9230	14040811223	DO	1100	NC140000002	Staff augmentation-Dwight Mendes	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096705	20-Aug-14	5500	3	VS0000037094	NADAAA, Inc.	$37,409.75	3240	1107	4853	5280	3610	11092201575	CT	5500		Seaholm Substation Wall Art in Public Places (AIPP)	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1401220034550	23-Jan-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$41,868.37	5010	1100	3708	5560	5930	14011606586	DO	1100	NA120000111	Batch 1506	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407160085427	17-Jul-14	6100	4	STA7106205	STANLEY CONSULTANTS INC	$108.98	3240	1107	4952	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406280079576	30-Jun-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$272.40	3250	1107	2500	5560	3620	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079576	30-Jun-14	1100	11	ASP7019530	ASPLUNDH TREE EXPERT CO	$91.08	5010	1100	3708	5560	5930	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$789.18	5010	1100	3212	5560	5982	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079648	30-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$473.03	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$639.33	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406280079648	30-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074383	13-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$275.70	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1407120083595	14-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1406180076062	19-Jun-14	1100	2	NEO8311042	NEOS CONSULTING GROUP L L C	$16,800.00	3290	1107	5748	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,549.63	5010	1100	3212	5560	5982	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,082.60	5010	1100	3710	5560	5710	14022508627	DO	1100	NA120000110	Batch 1518	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$7,310.40	5010	1100	3710	5560	5710	14022508627	DO	1100	NA120000110	Batch 1518	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403130047687	14-Mar-14	6100	1	VS0000017696	AUSTIN CONSTRUCTORS LLC	$64,494.80	3060	1107	129	5560	1211	13102800048	CT	6100		Crescent Tract Utilities for Chilled Water Services	91360	Construction, Water System, Main and Service Line
AD1408250098903	26-Aug-14	1100	1	PDS7116430	PDS TECH INC	$5,361.31	5010	1100	8322	5725	9230	14042812330	DO	1100	NC140000002	Staff Augmentation-Hugo Anguiano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$329.21	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1408070093305	8-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$283.81	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1408070093305	8-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42147	DOM	1100	NA110000035	ST131691	91438	Electrical
AD1409020101712	3-Sep-14	1100	26	V00000914477	PIKE ENTERPRISES INC	$482.51	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409060103047	8-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,661.05	5010	1100	3212	5560	5982	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,263.44	5010	1100	3504	5560	5960	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312090024078	10-Dec-13	1100	1	TEC4570250	TECHLINE INC	$12,161.00	3250	1107	3446	5560	3730	MAX35289	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 19	28576	Street Lighting Luminaires, Accessories and Parts
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$16,632.68	3250	1107	3446	5560	3730	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,367.60	5010	1100	3708	5560	5930	14070916538	DO	1100	NA120000111	Batch #1593	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408190096678	20-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$3,649.14	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$4,902.75	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408040091806	5-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1407310090766	1-Aug-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$10,387.61	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1407120083518	14-Jul-14	1100	11	LUC8310706	LUCIDITY CONSULTING GROUP LP	$8,817.59	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408160095777	18-Aug-14	1100	1	V00000909300	Juliee Beyt	$250.00	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,622.77	3250	1107	2506	5560	3650	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407150084641	16-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$91.91	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$94.26	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$332.85	3250	1107	2506	5560	3660	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1409250110039	26-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$348.76	3250	1107	2599	5560	3640	MAX43153	DOM	1100	NA110000035	ST133440	91438	Electrical
AD1409250110039	26-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1409250110039	26-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409170106724	18-Sep-14	1100	37	LUC8310706	LUCIDITY CONSULTING GROUP LP	$39,434.41	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	96200	MISCELLANEOUS SERVICES
AD1409170106724	18-Sep-14	1100	20	LUC8310706	LUCIDITY CONSULTING GROUP LP	$11,807.12	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$23,106.25	3230	1107	3681	5560	3530	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,607.06	3250	1107	4608	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,389.45	3240	1107	4970	5560	3620	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$9,880.62	3230	1107	1510	5560	3530	14012306959	DO	1100	NA120000110	Batch 1508	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,444.51	3240	1107	4854	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,421.80	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$16,704.64	3250	1107	2520	5560	3640	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084702	16-Jul-14	1100	8	WRI8303917	WRIGHT TREE SVC INC	$15,313.29	5010	1100	3708	5560	5930	14070716331	DO	1100	NA120000111	Batch #1589	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,864.57	5010	1100	3708	5560	5930	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310020001258	3-Oct-13	1100	1	UNI4905750	UNIVERSITY OF TEXAS AT AUSTIN	$25,000.00	5010	1100	2490	5280	9100	13022209384	DO	1100	NI120000008	Second year of Inter-Local Agreement	91841	Energy Conservation Consulting
AD1310070002532	8-Oct-13	5700	1	LLO2915000	LLOYD GOSSELINK ROCHELLE & TOWNSEND PC	$7,309.00	5010	1100	1314	5620	9230	13031110281	DO	5700	PA100000059	2012 Rate Proceedings	96149	Legal Services, Attorneys
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,252.40	3230	1107	2933	5560	3530	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,164.67	3250	1107	2506	5560	3660	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,369.54	3250	1107	2502	5560	3650	1311080314	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$39,422.96	3250	1107	2500	5560	3620	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$486.72	5010	1100	3504	5560	5880	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1310280009495	29-Oct-13	5700	1	MAX7144235	MAX RENEA HICKS	$2,198.77	5010	1100	1302	5620	9210	13031810619	DO	5700	PA070000056	COA v Whittington	96149	Legal Services, Attorneys
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$29,266.14	3250	1107	2501	5560	3650	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1310020001224	3-Oct-13	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$12,354.00	3250	1107	3635	5590	3700	13072918330	DO	1100	NC130000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$852.52	5010	1100	3504	5560	5960	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,531.26	3240	1107	4959	5560	3620	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1407010080198	2-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1310220007052	23-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,997.70	5010	1100	3710	5560	5710	13101501454	DO	1100	NA120000110	Batch 1475	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312040023017	5-Dec-13	1100	4	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$425.50	3250	1107	3594	5560	3670	MAX33811	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1310220007141	23-Oct-13	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$753.50	3250	1107	3594	5560	3670	MAX34267	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1312040023063	5-Dec-13	1100	1	VS0000029594	Primate Technologies, Inc.	$33,167.50	3310	1107	5324	5590	3980	13112203849	DO	1100	NA110000045	ADMS INTERFACE	92045	Software Maintenance/Support
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,759.52	3250	1107	3634	5560	3660	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$839.76	5010	1100	3212	5560	5982	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1402100038932	11-Feb-14	1100	1	VS0000010098	Nipun Systems Inc.	$14,240.00	3250	1107	3468	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,146.02	3240	1107	4960	5560	3620	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$709.19	3250	1107	2505	5560	3650	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$795.70	5010	1100	3212	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$4,075.67	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Trading Post TP-789 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$19,828.69	3230	1107	3671	5560	3530	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403150048111	17-Mar-14	5500	1	VS0000037094	NADAAA, Inc.	$23,075.37	3240	1107	4853	5280	3610	11092201575	CT	5500		Seaholm Substation Wall Art in Public Places (AIPP)	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,789.68	3250	1107	3452	5560	3620	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,703.22	3250	1107	2510	5560	3640	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1408070093218	8-Aug-14	1100	2	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$8,059.80	3290	1107	5748	5590	3700	13102402009	DO	1100	NC140000002	Staff Augmentation-John Buck	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$345.10	3250	1107	2501	5560	3660	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$50,229.09	5010	1100	3708	5560	5930	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$250.03	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$648.75	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$540.60	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42427	DOM	1100	NA110000035	ST131331	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$244,007.06	3230	1107	4290	5560	3530	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$18,852.27	3250	1107	3110	5560	3660	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1408070093317	8-Aug-14	1100	1	VS0000034209	Soal Technologies, LLC.	$5,984.75	5010	1100	8322	5725	9230	14050913064	DO	1100	NC140000002	Staff augmentation-Abaseen Noorzai	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096572	20-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$28,248.20	5010	1100	3710	5560	5710	14081118524	DO	1100	NA120000110	Batch #1598	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,757.48	3240	1107	4962	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$299.06	3250	1107	3652	5560	3660	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$29,660.19	3240	1107	4969	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,577.60	3250	1107	2520	5560	3640	14082719696	DO	1100	NA110000035	Batch #1629	91438	Electrical
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,938.55	5010	1100	3504	5560	5960	14082719696	DO	1100	NA110000035	Batch #1629	91438	Electrical
AD1409030102018	4-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1409030102030	4-Sep-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$16,107.00	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096678	20-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$526.42	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$282.78	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	28	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408040091860	5-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,935.49	3250	1107	2501	5560	3650	14073117972	DO	1100	NA120000111	Batch #1608	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091806	5-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$1,497.18	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$115.52	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1408040091806	5-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$157.10	3250	1107	2599	5560	3640	MAX41575	DOM	1100	NA110000035	ST130552	91438	Electrical
AD1407310090766	1-Aug-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$428.41	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$909.27	3250	1107	2500	5560	3620	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34.05	3250	1107	3779	5560	3660	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408160095777	18-Aug-14	1100	1	V00000909300	Juliee Beyt	$275.00	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1409250110039	26-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$298.48	3250	1107	2599	5560	3640	MAX43153	DOM	1100	NA110000035	ST133440	91438	Electrical
AD1409250110039	26-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$250.03	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$44,306.18	5010	1100	3708	5560	5930	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$68.10	3250	1107	2501	5560	3650	13121905282	DO	1100	NA120000111	Batch 1499	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,397.33	3250	1107	2520	5560	3640	13121905282	DO	1100	NA120000111	Batch 1499	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$543.22	3250	1107	2501	5560	3660	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$393.10	3250	1107	2123	5560	3730	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$615.04	3250	1107	3685	5560	3660	13110803114	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$3,389.88	5010	1100	3708	5560	5930	13110803114	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$913.92	3250	1107	3107	5560	3670	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,651.04	3250	1107	2508	5560	3690	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407030081194	7-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$206.20	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407100082890	11-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407100082890	11-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407100082890	11-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407100082890	11-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX40887	DOM	1100	NA110000035	ST121820	91438	Electrical
AD1407150084641	16-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$764.88	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1407150084702	16-Jul-14	1100	4	WRI8303917	WRIGHT TREE SVC INC	$1,523.86	3250	1107	2599	5560	3640	14070716331	DO	1100	NA120000111	Batch #1589	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407150084702	16-Jul-14	1100	5	WRI8303917	WRIGHT TREE SVC INC	$633.84	3250	1107	3763	5560	3660	14070716331	DO	1100	NA120000111	Batch #1589	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409200107353	22-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,516.00	3250	1107	2501	5560	3660	14091120631	DO	1100	NA120000111	Batch #1614	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409180107026	19-Sep-14	1100	1	VS0000032630	Seaholm Power Development LLC	$59,115.40	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$15,582.53	3230	1107	2854	5560	3530	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310280009569	29-Oct-13	5700	1	WES8305952	CLARENCE A. WEST	$2,662.50	5010	1100	1302	5620	9210	13072217806	DO	5700	PA130000060	Telecommunication	96149	Legal Services, Attorneys
AD1405220068580	23-May-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$1,522.89	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1406210077281	23-Jun-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$5,213.27	3060	1107	313	5590	1211	13121304943	DO	6100	PA130000018	DCP Hotel Van Zandt Customer Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1401130032376	14-Jan-14	1100	1	VC0000101574	TUERFF-DAVIS ENVIROMEDIA INC	$13,577.79	6920	1100	8995	5280		12021308234	DO	1100	NA110000131	Marketing services for better buildings grant	96153	Marketing Services
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,882.72	3250	1107	3586	5560	3730	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,839.60	3250	1107	3655	5560	3660	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,435.71	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,448.19	3250	1107	2502	5560	3650	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$873.79	5010	1100	3504	5560	5710	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1310190006563	21-Oct-13	1100	1	VC0000103025	TELVENT USA LLC	$525,375.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1310020001224	3-Oct-13	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$16,016.00	3250	1107	3468	5230	3910	13070316890	DO	1100	NC130000002	Staff Augmentation-Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,699.58	3250	1107	2506	5560	3650	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$642.15	5010	1100	3212	5560	5880	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310290010318	30-Oct-13	1100	2	TEC4570250	TECHLINE INC	$11,322.00	3250	1107	3446	5590	3730	MAX34292	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 18	28576	Street Lighting Luminaires, Accessories and Parts
AD1310220007115	23-Oct-13	6100	1	GUE2157000	JOSE I GUERRA INC	$4,524.15	3060	1107	302	5590	1211	130715173691B	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1401010029074	2-Jan-14	1100	1	ABD7148105	RITA ABDELADIM	$14,678.00	3250	1107	3635	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,448.98	3250	1107	3107	5560	3670	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,001.08	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1407150084583	16-Jul-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$336.00	3250	1107	3594	5560	3670	MAX40879	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,060.93	5010	1100	3404	5560	5710	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1406280079576	30-Jun-14	1100	7	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,373.90	3250	1107	2506	5560	3660	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079576	30-Jun-14	1100	10	ASP7019530	ASPLUNDH TREE EXPERT CO	$136.20	5010	1100	3403	5560	5930	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,159.93	3250	1107	2123	5560	3730	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406110073973	12-Jun-14	6100	1	ACR0045900	ACR ENGINEERING INC	$23.00	5010	1100	2222	5590	4171	12071717939A	DO	6100	PA080000064	CAD Services	91842	Engineering Consulting
AD1406280079615	30-Jun-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$165.00	3250	1107	3594	5560	3670	MAX40327	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406280079648	30-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$662.76	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406280079648	30-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX40531	DOM	1100	NA110000035	ST128150	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39842	DOM	1100	NA110000035	ST 125762	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1401220034655	23-Jan-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$11,916.00	3290	1107	5421	5560	3910	13100800872	DO	1100	NC140000002	Staff augugentation-Bruce Zarate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403030044227	4-Mar-14	1100	1	VS0000032630	Seaholm Power Development LLC	$153,358.06	3060	1107	257	5590	1211	MAX37534	DOM	1100	NA140000052	Seaholm Development CW Services	91360	Construction, Water System, Main and Service Line
AD1403150048057	17-Mar-14	1100	2	MET7046770	METALINK CORP	$285.00	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1406170075695	18-Jun-14	1100	5	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$199.50	3250	1107	3644	5560	3660	MAX40128	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1405270069524	28-May-14	1100	6	WRI8303917	WRIGHT TREE SVC INC	$6,946.07	3250	1107	3763	5560	3660	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405270069524	28-May-14	1100	7	WRI8303917	WRIGHT TREE SVC INC	$779.80	5010	1100	3708	5560	5930	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406090073207	10-Jun-14	1100	2	VC0000103535	RW BECK GROUP INC	$30,538.50	5010	1100	1314	5280	9302	13040111422	DO	1100	NA100000128	Task Order A-3, Change Order 1	91897	Utilities: Gas, Water, Electric Consulting
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$562.39	5010	1100	3404	5560	5710	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1401150033224	16-Jan-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,700.03	3250	1107	2502	5560	3650	14011306379	DO	1100	NA120000111	Batch 1505	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403130047628	14-Mar-14	6100	1	ASD7048240	ASD CONSULTANTS INC	$8,820.00	3290	1107	5741	5560	3900	13100900960	DO	6100	PA080000061	St. Elmo Re-Roofing	90607	Architect Services, Professional
AD1402030037222	4-Feb-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$50,920.48	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon. Phase II - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,411.63	3230	1107	4286	5560	3530	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$23,448.88	3240	1107	4959	5560	3620	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1408070093207	8-Aug-14	1100	3	APE8321977	APEX SYSTEMS INC	$7,918.68	3290	1107	5745	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093211	8-Aug-14	1100	3	APE8321977	APEX SYSTEMS INC	$12,187.50	3290	1107	5748	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$74.63	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1409020101712	3-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$605.32	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$190.53	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409030101952	4-Sep-14	1100	2	DAM7098840	DAMAN CONSULTING INC	$17,296.00	3290	1107	5745	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096572	20-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,194.60	3230	1107	3671	5560	3530	14081118524	DO	1100	NA120000110	Batch #1598	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$71.68	3240	1107	4964	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,481.57	3250	1107	3105	5560	3660	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,337.16	3250	1107	3441	5560	3660	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,288.80	3250	1107	4570	5560	3660	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103042	8-Sep-14	1100	3	V00000911092	EKHP Consulting LLC	$19,190.00	3290	1107	5748	5560	3910	13101001039	DO	1100	NC140000002	Staff augumentation-Ravinder Saukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409030102018	4-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1409030102030	4-Sep-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$24,840.00	5010	1100	8322	5725	9230	14022708802	DO	1100	NC140000002	Prasanth Renduchintala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096678	20-Aug-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$110.82	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	26	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091860	5-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,429.19	3240	1107	4962	5560	3620	14073117972	DO	1100	NA120000111	Batch #1608	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091806	5-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$823.03	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1408040091806	5-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41575	DOM	1100	NA110000035	ST130552	91438	Electrical
AD1408040091806	5-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$43.24	3250	1107	2599	5560	3640	MAX41575	DOM	1100	NA110000035	ST130552	91438	Electrical
AD1405270069401	28-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	3250	1107	2123	5560	3730	14051513380	DO	1100	NA120000111	Batch #1557	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405270069401	28-May-14	1100	5	ASP7019530	ASPLUNDH TREE EXPERT CO	$634.08	3250	1107	2510	5560	3640	14051513380	DO	1100	NA120000111	Batch #1557	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408160095808	18-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,567.81	5010	1100	3708	5560	5930	14080618276	DO	1100	NA120000111	Batch #1611	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,888.16	3250	1107	2501	5560	3650	13110803114	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311180016521	19-Nov-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$11,133.12	5010	1100	3708	5560	5930	13110803114	DO	1100	NA120000111	Batch1486	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$953.61	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310170006062	18-Oct-13	1100	1	HBC8308050	TERRACON CONSULTANTS INC	$547.01	5010	1100	1307	5590	9230	13031110256	DO	1100	NA110000155	Air monitoring & sampling services-asbestos abatement servic	9103820	ASBESTOS REMOVAL SERVICES
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$96,704.81	5010	1100	3708	5560	5930	14091220692	DO	1100	NA120000111	Batch 1622	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,824.89	3230	1107	4285	5560	3530	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$24,963.95	3240	1107	4959	5560	3620	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,790.04	5010	1100	3212	5560	5982	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$469.84	5010	1100	3212	5560	5982	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,004.85	3230	1107	2963	5560	3530	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407030081194	7-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$154.06	3250	1107	2599	5560	3640	MAX40539	DOM	1100	NA110000035	ST128973	91438	Electrical
AD1407100082890	11-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407100082890	11-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407100082890	11-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407150084641	16-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$90.34	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$275.70	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1312090024063	10-Dec-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$281.50	3250	1107	3108	5560	3670	MAX35291	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,543.01	3250	1107	3648	5560	3620	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312160025900	17-Dec-13	6100	1	GUE2157000	JOSE I GUERRA INC	$3,071.05	3060	1107	302	5590	1211	13071517369	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$74,887.79	3250	1107	3110	5560	3660	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,131.46	3250	1107	3694	5560	3660	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402240042389	25-Feb-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$13,120.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1407150084572	16-Jul-14	1100	2	MET7046770	METALINK CORP	$8,894.00	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$19,476.59	3230	1107	3671	5560	3530	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,366.50	3250	1107	4607	5560	3660	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,406.13	3250	1107	2599	5560	3540	14051413328	DO	1100	NA110000035	Batch 1562	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,144.25	3250	1107	2502	5560	3650	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$85,610.56	3250	1107	2520	5560	3640	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$413.46	5010	1100	3404	5560	5710	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$1,600.00	3250	1107	3480	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402050037940	6-Feb-14	1100	1	APE8321977	APEX SYSTEMS INC	$14,611.89	3250	1107	3635	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405170066926	19-May-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$187.84	3250	1107	2599	5560	3640	MAX39374	DOM	1100	NA110000035	ST 125040	91438	Electrical
AD1404220059805	23-Apr-14	1100	1	VS0000032630	Seaholm Power Development LLC	$1,014.93	3060	1107	257	5560	1211	MAX38274	DOM	1100	NA140000052	2nd Payment for seaholm chilled water piping	91360	Construction, Water System, Main and Service Line
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$15,862.14	3240	1107	4962	5560	3620	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,121.25	3250	1107	2123	5560	3740	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,147.66	5010	1100	3504	5560	5960	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,228.31	3250	1107	2123	5560	3730	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1408180096292	19-Aug-14	1100	2	TEX8311381	TEXAS GOVLINK INC	$10,120.71	3290	1107	5760	5725	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063764	7-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,370.24	3250	1107	2599	5560	3660	14042512271	DO	1100	NA120000111	Batch #1548	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403190049215	20-Mar-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$991.75	5010	1100	1307	5590	9210	12102201814	DO	6100	PA080000085	ECC - PST Assessment	92535	Environmental Engineering
AD1404090056277	10-Apr-14	6100	1	VS0000021255	CH2M HILL ENGINEERS, INC.	$7,933.27	5010	1100	2216	5590	5002	13061916061	DO	6100	S050368	River Bank Stabilization Project	92525	DESIGNING
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,704.31	3250	1107	3586	5560	3730	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1310300010767	31-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,132.64	3250	1107	2502	5560	3650	13102502147	DO	1100	NA120000111	Batch 1481	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310300010767	31-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$9,846.71	3250	1107	2520	5560	3640	13102502147	DO	1100	NA120000111	Batch 1481	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,386.08	5010	1100	3212	5560	5982	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$23,782.21	5010	1100	3708	5560	5930	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$84,757.42	5010	1100	3708	5560	5930	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004605	15-Oct-13	1100	1	V00000909300	Juliee Beyt	$325.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1310140004605	15-Oct-13	1100	1	V00000909300	Juliee Beyt	$975.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1404090056182	10-Apr-14	1100	2	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$7,676.00	3290	1107	5748	5590	3700	13102402009	DO	1100	NC140000002	Staff Augmentation-John Buck	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404160058189	17-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$564.88	3250	1107	3452	5560	3620	14040911382	DO	1100	NA120000111	Batch 1538	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407230088414	24-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1407290089696	30-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1401220034533	23-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$16,986.00	3250	1107	3468	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,155.86	5010	1100	3212	5560	5982	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$949.64	5010	1100	3710	5560	5710	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1409090103948	10-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$8,672.84	3290	1107	5748	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403120047152	13-Mar-14	5700	1	MAX7144235	MAX RENEA HICKS	$1,410.00	5010	1100	1302	5620	9210	13102201824	DO	5700	PA070000056	COA v Whittington	96149	Legal Services, Attorneys
AD1401220034555	23-Jan-14	6100	1	DPR8302563	DPR CONSTRUCTION INC	$625,956.99	3310	1107	5327	5560	3910	0907290178l-05	CT	6100		Bid Pkg. 5 - Main (Interiors) Pkg. Incl. Const. Trades Pkg.	95826	Construction Management Services
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$27,387.21	3230	1107	3671	5560	3530	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405120065201	13-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$136.20	3250	1107	2510	5560	3640	14050612797	DO	1100	NA120000111	Batch 1545	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$74,720.00	3230	1107	3645	5560	3530	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1404070055157	8-Apr-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$160.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1312170026398	18-Dec-13	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$31,094.64	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,129.23	5010	1100	3708	5560	5930	14041011417	DO	1100	NA120000111	Batch 1539	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$26,598.32	5010	1100	3708	5560	5930	14041011417	DO	1100	NA120000111	Batch 1539	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404080055748	9-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$7,760.49	3250	1107	2520	5560	3640	14040310923	DO	1100	NA120000111	Batch 1534	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404080055748	9-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$91.08	5010	1100	3708	5560	5930	14040310923	DO	1100	NA120000111	Batch 1534	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404210059340	22-Apr-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$25,289.40	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Closing - Trading Post TP-789 Transformer & Switchgear Unit	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404070055231	8-Apr-14	1100	1	V00000911092	EKHP Consulting LLC	$16,530.00	3250	1107	3468	5560	3910	13101001039	DO	1100	NC140000002	Staff augumentation-Ravinder Saukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404030054463	4-Apr-14	6100	1	JAM8303623	WILLIAMS & THOMAS LP	$1,602.00	5010	1100	2225	5560	4171	13062516393	DO	6100	CA130000003	CTECC Office Reconfiguration	91231	CONSTRUCTION, REMODEL & ALTERA
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,125.59	3250	1107	2502	5560	3650	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,311.57	5010	1100	3403	5560	5930	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,495.20	3250	1107	3106	5560	3670	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$294.52	5010	1100	3212	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109037	24-Sep-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$12,180.00	3290	1107	5745	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,858.96	5010	1100	3504	5560	5960	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407080081928	9-Jul-14	1100	40	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$190,592.89	3230	1107	4289	5560	3530	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1406050072270	6-Jun-14	6100	1	GUE2157000	JOSE I GUERRA INC	$1,347.40	3060	1107	302	5590	1211	13071517369	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1407190086855	21-Jul-14	1100	2	DAM7098840	DAMAN CONSULTING INC	$15,040.00	3290	1107	5745	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407190086857	21-Jul-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$15,747.00	3290	1107	5745	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409160106223	17-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$250.03	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1408230098481	25-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$43,515.90	5010	1100	3708	5560	5930	14081518884	DO	1100	NA120000111	Batch #1616	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,306.73	3250	1107	2501	5560	3650	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$814.60	3250	1107	2502	5560	3660	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,964.99	3250	1107	2599	5560	3640	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$73,090.71	3230	1107	4296	5560	3530	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1408020091176	4-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$14,736.57	5010	1100	3708	5560	9210	14072517594	DO	1100	NA120000111	Batch #1601	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409130105366	15-Sep-14	1100	2	HHC7001290	TEXAS CRANE SERVICES	$2,320.00	3290	1107	5755	5560	3900	MAX42741	DOM	1100	NA100000099	crane rental for longhorn dam bascule work	97526	Crane Rental or Lease
AD1403120047161	13-Mar-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$2,490.25	3250	1107	2500	5560	3620	MAX37566	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1402150040355	18-Feb-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$164.10	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1407190086903	21-Jul-14	1100	2	NEO8311042	NEOS CONSULTING GROUP L L C	$8,400.00	3290	1107	5748	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079576	30-Jun-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$468.90	3250	1107	2123	5560	3730	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079576	30-Jun-14	1100	13	ASP7019530	ASPLUNDH TREE EXPERT CO	$21,322.30	5010	1100	3708	5560	5930	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11,616.64	5010	1100	3212	5560	5982	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079648	30-Jun-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$6,571.48	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39842	DOM	1100	NA110000035	ST 125762	91438	Electrical
AD1406120074383	13-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$482.38	3250	1107	2520	5560	3640	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1310190006575	21-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,518.98	3250	1107	2501	5560	3650	13100800910	DO	1100	NA120000111	Batch 1476	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310190006575	21-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,005.74	3250	1107	2502	5560	3650	13100800910	DO	1100	NA120000111	Batch 1476	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310190006575	21-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$41,937.97	5010	1100	3708	5560	5930	13100800910	DO	1100	NA120000111	Batch 1476	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311102011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$170.25	3250	1107	3455	5560	3620	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,773.34	3250	1107	2123	5560	3730	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1402050037946	6-Feb-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$1,752.47	5010	1100	1105	5590	9210	11112803754	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,220.06	3250	1107	2502	5560	3650	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$242.91	3250	1107	2506	5560	3650	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405140065962	15-May-14	1100	1	GRO7148575	RJW OPERATIONS INC	$2,100.00	5010	1100	1125	5280	9210	14011400224-1	CT	1100		Facilitator Services for Customer Care	91827	Community Development Consulting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,929.49	3250	1107	2123	5560	3730	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$581.83	3250	1107	3730	5560	3660	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$471.62	3230	1107	2933	5560	3530	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,891.82	3230	1107	1522	5560	3530	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1404220059931	23-Apr-14	6100	2	JAM8303623	WILLIAMS & THOMAS LP	$102,956.84	3290	1107	5742	5560	3900	13123105618	DO	6100	CA130000003	Decker PP Admin. Bldg. Renovation	91231	CONSTRUCTION, REMODEL & ALTERA
AD1403200049460	21-Mar-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$51,854.86	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1408180096292	19-Aug-14	1100	2	TEX8311381	TEXAS GOVLINK INC	$9,771.72	3290	1107	5760	5725	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1408180096305	19-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$447.78	3250	1107	2599	5560	3640	MAX41943	DOM	1100	NA110000035	ST131382	91438	Electrical
AD1404300062115	1-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$852.04	3230	1107	1519	5590	3530	13090620825	DO	6100	PA110000030	Grove to Kingsbery CKT 9847 Relay Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$798.65	3230	1107	2933	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$27,240.04	3230	1107	2964	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$27,603.96	3250	1107	2500	5560	3620	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,014.07	3250	1107	2505	5560	3660	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,107.20	5010	1100	3403	5560	5983	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403190049231	20-Mar-14	1100	1	VC0000102886	TIME WARNER ENTERTAINMENT COMPANY LP	$1,170.06	3310	1107	5342	5560	3910	12102402036	DO	1100	NA130000004	Cable services for SCC Center	91524	Cable Television Services (Includdes Pay-Per-View
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,063.77	3250	1107	3569	5560	3650	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,962.81	3250	1107	3643	5560	3660	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,477.61	5010	1100	3212	5560	5982	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$295.52	5010	1100	3212	5560	5982	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,969.66	3250	1107	2502	5560	3660	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$831.00	5010	1100	3403	5560	5880	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$21,205.45	3250	1107	3446	5560	3730	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,926.14	3250	1107	3745	5560	3660	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404160058189	17-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$52,236.96	5010	1100	3708	5560	5930	14040911382	DO	1100	NA120000111	Batch 1538	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404170058535	18-Apr-14	1100	2	TEC4570250	TECHLINE INC	$9,902.25	3250	1107	3446	5590	3730	MAX38561	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 22	28576	Street Lighting Luminaires, Accessories and Parts
AD1402190041313	20-Feb-14	1100	1	NAL3365500	NALCO COMPANY	$8,899.07	3060	1107	295	5560	1211	MAX31980	DOM	1100	NA110000056	DOMAIN - Streetlights pipe cleaning and passivation	96223	Chemical Treatment of Boiler and Tower Water
AD1407290089657	30-Jul-14	1100	1	PDS7116430	PDS TECH INC	$6,493.50	5010	1100	8322	5725	9230	14042812330	DO	1100	NC140000002	Staff Augmentation-Hugo Anguiano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408300101424	2-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$639.33	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1409100104591	11-Sep-14	1100	3	APE8321977	APEX SYSTEMS INC	$11,437.50	3290	1107	5748	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403240050956	25-Mar-14	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$201.00	5010	1100	1302	5620	9210	13110102546	DO	5700	PA140000006	NAES Corporation v COA	96149	Legal Services, Attorneys
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,096.12	5010	1100	3504	5560	5960	14050112572	DO	1100	NA110000035	Batch 1552	91438	Electrical
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$794.22	3230	1107	1521	5560	3530	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405190067263	20-May-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1405030062720	5-May-14	1100	1	COM7062925	INSIGHT PUBLIC SECTOR INC	$18,050.00	3290	1107	5745	5560	3910	14022508646	DO	1100	NC140000002	ADMS Project -Professional SVCS	9203146	INSTALLATION OF COMPUTERS, PERIPHERALS, AND RELATE
AD1404030054356	4-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$24,817.21	5010	1100	3710	5560	5710	14032410239	DO	1100	NA120000110	Batch 1535	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,220.45	3250	1107	3770	5560	3650	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$135.20	3250	1107	2502	5560	3660	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$3,601.60	3250	1107	2510	5560	3640	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,720.81	3250	1107	3664	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1404030054454	4-Apr-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$13,920.00	3250	1107	3635	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403180048814	19-Mar-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$338.50	3250	1107	2502	5560	3650	MAX35721	DOM	1100	NA100000024	WR 89870 - 12318 Dessau Road - O'Reily AutoParts	98176	Traffic Control Equipment and Accessories Rental o
AD1404080055877	9-Apr-14	1100	1	VS0000032630	Seaholm Power Development LLC	$87,009.55	3060	1107	257	5560	1211	MAX38274	DOM	1100	NA140000052	2nd Payment for seaholm chilled water piping	91360	Construction, Water System, Main and Service Line
AD1407080081928	9-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	38	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$20,132.25	3250	1107	3586	5560	3730	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$182,544.85	5010	1100	3708	5560	5930	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409160106223	17-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1407080081928	9-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1406230077725	24-Jun-14	6100	1	WOO7028055	URS CORP	$4,584.46	5010	1100	1307	5590	9210	14032010070	DO	6100	PA100000043	Decker Crk Power Station Tank Farm, Soil & Groundwater Inves	92535	Environmental Engineering
AD1406140074824	16-Jun-14	6100	1	V00000907889	Warden Construction Corporation	$20,700.00	3290	1107	5743	5560	3900	14031709811	DO	6100	CA130000003	Renovation of Kramer Ln Bldg E Meter Shop_ PR # 7.1	91231	CONSTRUCTION, REMODEL & ALTERA
AD1406030071569	4-Jun-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$212.80	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon Phase 2 - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1407160085447	17-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1409130105366	15-Sep-14	1100	1	HHC7001290	TEXAS CRANE SERVICES	$540.00	3290	1107	5755	5560	3900	MAX42741	DOM	1100	NA100000099	crane rental for longhorn dam bascule work	97526	Crane Rental or Lease
AD1406280079648	30-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$298.52	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406280079648	30-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40531	DOM	1100	NA110000035	ST128150	91438	Electrical
AD1406280079648	30-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406280079648	30-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074362	13-Jun-14	1100	4	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$331.75	3250	1107	3612	5560	3660	MAX38691	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406120074383	13-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$164.36	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$540.60	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406170075695	18-Jun-14	1100	4	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$321.75	3250	1107	3105	5560	3660	MAX40204	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407120083568	14-Jul-14	1100	2	TEC4570250	TECHLINE INC	$16,795.75	3250	1107	3446	5590	3730	MAX40693	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 24	28576	Street Lighting Luminaires, Accessories and Parts
AD1407120083581	14-Jul-14	1100	1	V00000905284	Wood Group Power Plant Services, Inc.	$615,000.00	3220	1107	3667	5590	3140	MAX35249	DOM	1100	GA140000008	SHEC 1-4 Controls Upgrade	94172	Power Generating and Transmitting Control System S
AD1409230109104	24-Sep-14	5600	2	LAN8306334	LANGUAGE LINE SERVICES INC	$3,042.01	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1402240042455	25-Feb-14	5700	1	LLO2915000	LLOYD GOSSELINK ROCHELLE & TOWNSEND PC	$5,538.00	5010	1100	1314	5620	9280	13112203863	DO	5700	PA100000059	2012 Rate Proceedings	96149	Legal Services, Attorneys
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,735.87	3230	1107	1510	5560	3540	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310100003746	11-Oct-13	6100	4	HNT7099605	HNTB CORP	$2,146.93	3060	1107	290	5590	1211	09120405812D	DO	6100	PA090000005	Shoal Creek Trail Imprv.	92517	Civil Engineering
AD1407010080198	2-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$109.74	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$660.21	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1407010080198	2-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1407010080222	2-Jul-14	6100	1	VS0000012728	ELLERBE BECKET INC	$42,496.65	3310	1107	5327	5590	3900	9050601373	CT	6100		New Energy Control Center	90607	Architect Services, Professional
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,086.33	3250	1107	2124	5560	3730	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1406260079100	27-Jun-14	6100	1	GUE2157000	JOSE I GUERRA INC	$1,010.55	3060	1107	302	5590	1211	13071517369	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,572.79	3250	1107	2508	5560	3690	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,914.98	3250	1107	2508	5560	3690	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$55.00	3250	1107	3732	5560	3620	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1406070072878	9-Jun-14	1100	1	SIM8304509	SIMPLEX GRINNELL L P	$168,101.49	3220	1107	7343	5590	3110	MAX37260	DOM	1100	NA110000039	replace existing FCI-7200A fire alarm panel	93633	Fire Protection Equipment and Systems Including Fi
AD1403130047608	14-Mar-14	1100	6	LUC8310706	LUCIDITY CONSULTING GROUP LP	$15,913.45	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403010043982	3-Mar-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$14,820.00	3250	1107	3480	5560	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403050044943	6-Mar-14	1100	1	V00000909300	Juliee Beyt	$400.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1402180040779	19-Feb-14	1100	1	V00000905284	Wood Group Power Plant Services, Inc.	$123,000.00	3220	1107	3667	5590	3140	MAX35249	DOM	1100	GA140000008	SHEC 1-4 Controls Upgrade	94172	Power Generating and Transmitting Control System S
AD1408200097340	21-Aug-14	1100	1	VS0000012515	Travis Cox Plumbing Company, LLC	$9,529.85	5010	1100	1105	5560	9230	14081418817	DO	1100	NA140000064	invoice 1968	91060	Plumbing Maintenance and Repair (Includes Toilets,
AD1405010062401	2-May-14	1100	1	VC0000103025	TELVENT USA LLC	$40,000.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1404220059922	23-Apr-14	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$7,237.50	5010	1100	1302	5620	9210	13110102546	DO	5700	PA140000006	NAES Corporation v COA	96149	Legal Services, Attorneys
AD1405150066284	16-May-14	1100	9	ASP7019530	ASPLUNDH TREE EXPERT CO	$147,681.78	5010	1100	3708	5560	5930	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405150066284	16-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$23,728.20	5010	1100	3710	5560	5710	14042512268	DO	1100	NA120000110	Batch #1549	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404220059960	23-Apr-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$727.11	5010	1100	1307	5590	9210	12102201814	DO	6100	PA080000085	ECC - PST Assessment	92535	Environmental Engineering
AD1405150066303	16-May-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$2,940.50	5010	1100	1105	5590	9210	1111280375 4D	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1403200049471	21-Mar-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$2,400.00	5010	1100	1105	5590	9210	1111280375 4D	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1401060030231	7-Jan-14	1100	1	VC0000103428	SIESTA LANDS LTD	$21,348.00	5010	1100	1328	5587	9230	13122005351	DO	1100	GA110000082	Lease payment Round Mount	97135	Land, Rental or Lease
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,724.11	5010	1100	3212	5560	5982	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1407230088362	24-Jul-14	1100	14	LUC8310706	LUCIDITY CONSULTING GROUP LP	$13,850.66	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,703.09	5010	1100	3708	5560	5930	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408180096292	19-Aug-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$7,980.00	3290	1107	5761	5725	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096302	19-Aug-14	1100	3	V00000907134	Randstad North America, L.P.	$12,600.00	5010	1100	8324	5725	9230	13101401379	DO	1100	NC140000002	Staff Agumentation-Aaron Williams	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$902.80	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,781.80	3250	1107	2123	5560	3730	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,964.75	3250	1107	3105	5560	3660	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403190049215	20-Mar-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$469.06	5010	1100	1307	5590	9210	12062116487	DO	6100	PA080000085	Holly Sediment Project	92535	Environmental Engineering
AD1404230060216	24-Apr-14	6100	1	MEC8310574	MECHANICAL & PROCESS SYSTEMS LLC	$79,456.50	3060	1107	313	5560	1211	13112103812	DO	6100	CA130000010	DCP Hotel Van Zandt Chiller Connection	91340	Construction, Pipeline
AD1311160015169	18-Nov-13	1100	5	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$384.00	3250	1107	3106	5560	3670	MAX34707	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,783.89	3250	1107	2502	5560	3650	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$518.24	5010	1100	3212	5560	5982	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1405120065282	13-May-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$8,778.00	3290	1107	5748	5590	3700	13101701607	DO	1100	NC140000002	Staff Augmentation- Kim Plummer	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407290089696	30-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$1,576.80	3250	1107	2599	5560	3640	MAX41327	DOM	1100	NA110000035	ST122930	91438	Electrical
AD1409150105610	16-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$7,486.63	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,022.92	5010	1100	3215	5560	5982	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1409090103948	10-Sep-14	1100	3	APE8321977	APEX SYSTEMS INC	$8,672.84	3290	1107	5745	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$23,007.82	3250	1107	3597	5560	3730	14050112572	DO	1100	NA110000035	Batch 1552	91438	Electrical
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,585.59	3250	1107	2505	5560	3650	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11.00	3240	1107	4963	5560	3620	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$181,241.29	3250	1107	3531	5560	3620	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$170.25	3250	1107	2510	5560	3640	14041011417	DO	1100	NA120000111	Batch 1539	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103995	10-Sep-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$28,750.00	5010	1100	8322	5725	9230	14040811223	DO	1100	NC140000002	Staff augmentation-Dwight Mendes	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408230098481	25-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,036.18	5010	1100	3708	5560	5930	14081518881	DO	1100	NA120000111	Batch #1609	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,253.48	5010	1100	3215	5560	5982	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$325.79	5010	1100	3212	5560	5982	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1404070055289	8-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$67.60	3250	1107	3753	5560	3660	14032510347	DO	1100	NA120000111	Batch 1536	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081928	9-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407080081928	9-Jul-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40371	DOM	1100	NA110000035	ST127421	91438	Electrical
AD1409160106223	17-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1406230077707	24-Jun-14	6100	1	BUR0879750	BURY HOLDINGS INC	$1,599.75	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1406050072236	6-Jun-14	1100	11	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,039.95	3250	1107	3669	5560	3620	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406030071624	4-Jun-14	1100	1	THI7027395	THIELSCH ENGINEERING INC	$10,845.00	3220	1107	7338	5560	3460	MAX35102	DOM	1100	NA120000033	CO: Install Phase 1 Secondary Containments	94125	Boiler Maintenance and Repair, Steam (Including Te
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$13,650.00	3290	1107	5747	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407210087376	22-Jul-14	1100	2	V00000914662	22ND CENTURY STAFFING INC	$16,720.00	3290	1107	5748	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085447	17-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$418.74	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1407080081888	9-Jul-14	1100	1	IHS8315176	IHS DESIGN STUDIO	$812.50	5010	1100	1105	5560	9210	14051403669	PO	1100		Fees for review ground level	96145	Inspection and Certification Services
AD1406110073970	12-Jun-14	6100	2	ACR0045900	ACR ENGINEERING INC	$1,485.00	3060	1107	126	5590	1211	12120604704	DO	6100	PA080000064	CW Pipe Construction for Distribution System	91842	Engineering Consulting
AD1406280079648	30-Jun-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	28	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406280079648	30-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406170075625	18-Jun-14	6100	1	HDR8318192	HDR ENGINEERING INC	$6,831.62	3060	1107	129	5590	1211	12083120930B	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1407050081206	8-Jul-14	1100	1	VS0000032630	Seaholm Power Development LLC	$3,292.80	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1405310070339	2-Jun-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$646.59	5010	1100	1105	5590	9210	11112803754	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$119.78	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1406120074383	13-Jun-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,591.40	3250	1107	2123	5560	3730	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$12,906.02	3250	1107	2508	5560	3690	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$10,962.72	3250	1107	3586	5560	3730	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403120047179	13-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$7,560.00	5010	1100	2221	5590	4171	13022109333	DO	6100	PA110000030	DCP1 & DCP2 Arc Flash Study	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403150048111	17-Mar-14	5500	1	VS0000037094	NADAAA, Inc.	$23,075.37	3240	1107	4853	5280	3610	11092201575	CT	5500		NADAAA Inc.	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1409020101680	3-Sep-14	6100	10	MUN7143465	MUNIZ CONCRETE & CONTRACTING INC	$244.50	5010	1100	3003	5560	5880	8052101812	CT	6100		ADA Sidewalk & Ramp Improvements 2007 Group 6	91347	Construction, Sidewalk and Driveway (incl Handicapped ramps)
AD1408070093305	8-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1408070093305	8-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1408070093305	8-Aug-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$410.88	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$308.16	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	28	V00000914477	PIKE ENTERPRISES INC	$482.51	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	29	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42427	DOM	1100	NA110000035	ST131331	91438	Electrical
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,306.04	3230	1107	3677	5560	3530	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$613.56	3250	1107	3107	5560	3670	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,369.85	5010	1100	3510	5560	5941	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103039	8-Sep-14	1100	1	V00000905284	EthosEnergy Power Plant Services LLC	$369,000.00	3220	1107	3667	5590	3140	MAX35249	DOM	1100	GA140000008	SHEC 1-4 Controls Upgrade	94172	Power Generating and Transmitting Control System S
AD1409030102018	4-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1409030102030	4-Sep-14	1100	4	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$15,120.00	5010	1100	8322	5725	9230	13101801654	DO	1100	NC140000002	Staff Augmentation-Vansi Puttas	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096678	20-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,606.86	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091787	5-Aug-14	6100	1	TEX8311982	TEXAS SOLAR POWER COMPANY	$39,849.78	3120	1107	7615	5560	3440	12011900504	CT	6100		PV 300 - Decker Lane Solar Restoration Project	90924	Building Construction, Commercial and Institutional
AD1408040091806	5-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$381.06	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$94.76	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1408040091806	5-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,152.08	3250	1107	2501	5560	3660	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$33,368.29	3230	1107	3645	5560	3530	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	3250	1107	2123	5560	3730	14070916538	DO	1100	NA120000111	Batch #1593	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250109970	26-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$15,855.14	5010	1100	3708	5560	5930	14091720978	DO	1100	NA120000111	Batch 1619	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,334.21	5010	1100	3212	5560	5982	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1310210006930	22-Oct-13	5500	1	VS0000037094	NADAAA, Inc.	$26,235.83	3240	1107	4853	5280	3610	11092201575	CT	5500		NADAAA Inc.	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$919.10	3250	1107	3629	5560	3620	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$671.03	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,577.64	5010	1100	3710	5560	5710	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310230007698	24-Oct-13	6100	2	STA7106205	STANLEY CONSULTANTS INC	$10,704.29	3240	1107	4951	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1311130014569	14-Nov-13	6100	1	LIM7079715	LIMBACHER & GODFREY INC	$57,775.07	5010	1100	1105	5590	9230	13080218635	DO	6100	PA130000040	AE Office Building at Grove & Riverside	91815	Architectural Consulting
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$275.64	5010	1100	3504	5560	5960	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$377.52	3250	1107	3734	5560	3620	14091220655	DO	1100	NA120000111	Batch 1633	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106724	18-Sep-14	1100	32	LUC8310706	LUCIDITY CONSULTING GROUP LP	$753.80	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	35	LUC8310706	LUCIDITY CONSULTING GROUP LP	$28,476.70	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,615.34	3230	1107	2960	5560	3530	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,770.59	3250	1107	3107	5560	3670	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407150084641	16-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$432.50	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX40987	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1407150084641	16-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$152.71	3250	1107	2599	5560	3640	MAX40987	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1407150084641	16-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,365.59	3230	1107	2854	5560	3530	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$750.34	3250	1107	3569	5560	3650	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402060038506	7-Feb-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$15,081.25	3250	1107	3480	5560	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401180034028	21-Jan-14	6100	1	JAM8303623	WILLIAMS & THOMAS LP	$11,535.00	5010	1100	2225	5560	4171	13062516393	DO	6100	CA130000003	CTECC Office Reconfiguration	91231	CONSTRUCTION, REMODEL & ALTERA
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$319.51	5010	1100	3504	5560	5940	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$4,228.14	3250	1107	2510	5560	3640	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$414.46	3250	1107	2520	5560	3640	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$22,360.67	3250	1107	3105	5560	3660	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1401130032420	14-Jan-14	1100	1	DAM7098840	DAMAN CONSULTING	$14,288.00	3250	1107	3468	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$517.86	3250	1107	3106	5560	3670	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,177.45	3230	1107	4255	5560	3530	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1310120004089	14-Oct-13	1100	1	V00000909300	Juliee Beyt	$1,887.50	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1406210077249	23-Jun-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34.05	3250	1107	2123	5560	3730	14061715220	DO	1100	NA120000111	Batch #1579	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405220068580	23-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1407010080198	2-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$345.67	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$270.30	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1402100038865	11-Feb-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$16,000.00	3250	1107	3468	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402100038885	11-Feb-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$36,119.65	3230	1107	1519	5590	3530	13090620825	DO	6100	PA110000030	Grove to Kingsbery CKT 9847 Relay Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,469.93	3250	1107	3446	5560	3730	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,021.65	3250	1107	3586	5560	3730	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1312040023001	5-Dec-13	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$126.00	5010	1100	3404	5560	5710	MAX35208	DOM	1100	S060166	Test Gloves	96148	Laboratory and Field Testing Services (Not Otherwi
AD1312040023017	5-Dec-13	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$341.00	3250	1107	3594	5560	3670	MAX33811	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,670.11	3250	1107	3105	5560	3660	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1407150084583	16-Jul-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$246.75	3250	1107	3594	5560	3670	MAX40879	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,966.85	3250	1107	2501	5560	3660	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$20,951.72	3250	1107	3728	5560	3620	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$463.72	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1401070030800	8-Jan-14	1100	1	V00000911092	EKHP Consulting LLC	$17,480.00	3250	1107	3468	5560	3910	13101001039	DO	1100	NC140000002	Staff augumentation-Ravinder Saukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,604.68	5010	1100	3212	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$673.15	5010	1100	3212	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,547.78	5010	1100	3212	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,123.10	5010	1100	3215	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$29,684.59	5010	1100	3215	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$25,933.20	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Trading Post TP-789 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407150084583	16-Jul-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$1,009.50	3250	1107	3759	5560	3620	MAX40127	DOM	1100	NA100000024	WR 116370 - 10800 Lakeline Mall Drive	98176	Traffic Control Equipment and Accessories Rental o
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,067.30	3250	1107	2123	5560	3730	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1408090093732	11-Aug-14	6100	1	ACR0045900	ACR ENGINEERING INC	$4,308.00	3310	1107	5327	5590	3910	9031601079	CT	6100		Austin Energy Control Center Commissioning Services	91231	CONSTRUCTION, REMODEL & ALTERA
AD1407240088739	25-Jul-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$5,062.66	3060	1107	312	5590	1211	13123105633	DO	6100	PA130000018	Green Water Treatment CW Pipe Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1408090093755	11-Aug-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$16,530.00	3290	1107	5745	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408090093755	11-Aug-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$19,543.44	5010	1100	8810	5725	9020	14051413315	DO	1100	NC140000002	Staff augmentation-Jennifer Wrigley	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX38818	DOM	1100	NA110000035	ST125470	91438	Electrical
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,500.02	3230	1107	1508	5560	3530	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$561.36	3250	1107	2501	5560	3650	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$17,528.06	3230	1107	1529	5560	3530	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,477.13	3240	1107	4959	5560	3620	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1405150066284	16-May-14	1100	6	ASP7019530	ASPLUNDH TREE EXPERT CO	$544.80	3250	1107	3752	5560	3620	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405150066388	16-May-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$178,367.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,136.27	5010	1100	3212	5560	5982	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$23,950.89	3240	1107	4958	5560	3620	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1404150057781	16-Apr-14	1100	1	HHC7001290	TEXAS CRANE SERVICES	$1,890.00	3230	1107	3645	5560	3530	MAX37851	DOM	1100	NA100000099	Crane rental for Ckt 975	97526	Crane Rental or Lease
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,218.69	5010	1100	3404	5560	5710	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1404230060267	24-Apr-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$64,800.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1311160015169	18-Nov-13	1100	6	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$254.00	3250	1107	3107	5560	3670	MAX34707	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311160015169	18-Nov-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$550.75	3250	1107	3106	5560	3670	MAX34707	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,547.45	3250	1107	3446	5560	3730	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,426.35	3250	1107	2510	5560	3640	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407230088414	24-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$68.10	3250	1107	3669	5560	3620	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405210068156	22-May-14	1100	2	TEC4570250	TECHLINE INC	$13,495.50	3250	1107	3446	5590	3730	MAX39498	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 23	28576	Street Lighting Luminaires, Accessories and Parts
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$13,407.79	3250	1107	2501	5560	3660	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310310011136	1-Nov-13	6100	1	DPR8302563	DPR CONSTRUCTION INC	$1,552.78	3310	1107	5327	5560	3910	0907290781-01	CT	6100		Austin Energy New Energy Control Center - Demolition	95826	Construction Management Services
AD1407290089696	30-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,950.52	3250	1107	2599	5560	3640	MAX41327	DOM	1100	NA110000035	ST122930	91438	Electrical
AD1409150105607	16-Sep-14	6100	1	SJL8312932	S J LOUIS CONSTRUCTION OF TEXAS LTD	$157,289.50	3060	1107	284	5560	1211	14013000265	CT	6100		E 5th St Chilled Water Piping, San Jacinto to Red River Ph 2	91340	Construction, Pipeline
AD1408300101424	2-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$764.88	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1408300101424	2-Sep-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$206.79	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	5010	1100	3212	5560	5982	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,148.13	3250	1107	3684	5560	3620	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$455.35	3250	1107	2501	5560	3660	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1404160058040	17-Apr-14	6100	1	MEC8310574	MECHANICAL & PROCESS SYSTEMS LLC	$11,000.00	3060	1107	259	5560	1211	13122705534	DO	6100	CA130000010	J.W Marriott Chilled Water Customer Connection	91340	Construction, Pipeline
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$365.42	5010	1100	3212	5560	5982	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405190067263	20-May-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1403290052622	31-Mar-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$11,513.34	3250	1107	3635	5560	3910	13100700702	DO	1100	NC140000002	Staff augmentation-John Halter	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404120057032	14-Apr-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$2,429.17	5010	1100	3202	5590	5620	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404080055748	9-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,243.75	5010	1100	3708	5560	5930	14040310923	DO	1100	NA120000111	Batch 1534	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,100.26	3250	1107	2599	5560	3640	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$67.60	3250	1107	2500	5560	3620	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,663.46	3230	1107	3677	5560	3530	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1404240060617	25-Apr-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$759.50	3250	1107	2520	5560	3640	MAX38195	DOM	1100	NA100000024	LANE CLOSURE ON WR# 120681 CAR 2113	98176	Traffic Control Equipment and Accessories Rental o
AD1405050063156	6-May-14	1100	1	APE8321977	APEX SYSTEMS INC	$16,250.00	3250	1107	3480	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404070055289	8-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,208.81	3250	1107	3728	5560	3620	14032510347	DO	1100	NA120000111	Batch 1536	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081928	9-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407080081928	9-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$1,713.03	3250	1107	2599	5560	3640	MAX40369	DOM	1100	NA110000035	ST126390	91438	Electrical
AD1407080081928	9-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,919.60	5010	1100	3215	5560	5982	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1406230077708	24-Jun-14	6100	1	BUR0879750	BURY HOLDINGS INC	$1,540.25	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	PR # 2.1 - 4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1401060030140	7-Jan-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$13,552.00	3250	1107	3468	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401220034532	23-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$8,112.00	3250	1107	3468	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085427	17-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$8,442.37	5010	1100	3202	5590	5620	13030509872A	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407160085427	17-Jul-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$240.42	3240	1107	4951	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406170075720	18-Jun-14	1100	1	V00000921090	GRUENE ENVIRONMENTAL COMPANIES LLP	$45,402.50	5010	1100	1307	5590	9210	14060214329	DO	1100	NA130000114	Soil excavation and disposal at Decker	92645	Hazardous Material and Waste Services
AD1406280079576	30-Jun-14	1100	9	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,201.32	3250	1107	2520	5560	3640	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,005.88	5010	1100	3212	5560	5982	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079648	30-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$147.02	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,830.64	3250	1107	2508	5560	3690	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1406120074383	13-Jun-14	1100	26	V00000914477	PIKE ENTERPRISES INC	$4,257.33	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1407120083595	14-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$78.84	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1401230034999	24-Jan-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$14,240.00	3290	1107	5421	5560	3910	13102101726	DO	1100	NC140000002	Staff Augmentation-Berry White	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$48,831.26	5010	1100	3708	5560	5930	14022508611	DO	1100	NA120000111	Batch 13	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,448.98	3250	1107	3107	5560	3660	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$290.63	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1407120083595	14-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1401220034662	23-Jan-14	1100	1	VS0000029388	J. Stowe & Co., LLC	$6,448.25	5010	1100	8312	5280	9230	13062716529	DO	1100	NA100000128	Utility Rate Study (Task Order C-6 cond.)	91826	Communications: Public Relations Consulting
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,005.31	3250	1107	2506	5560	3660	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,958.30	5010	1100	3504	5560	5960	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1401150033224	16-Jan-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$672.26	3250	1107	2501	5560	3660	14011306379	DO	1100	NA120000111	Batch 1505	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$732.72	3250	1107	2599	5560	3640	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$5,869.23	3250	1107	3728	5560	3620	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$3,618.53	3250	1107	3720	5560	3640	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093210	8-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$14,440.00	3290	1107	5744	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093211	8-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$12,187.50	3290	1107	5745	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX41579	DOM	1100	NA110000035	ST131580	91438	Electrical
AD1408070093305	8-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1408070093305	8-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$412.68	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$1,892.10	3250	1107	2599	5560	3640	MAX42147	DOM	1100	NA110000035	ST131691	91438	Electrical
AD1409020101712	3-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$2,962.89	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1409020101712	3-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,613.59	3230	1107	3670	5560	3530	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408210097768	22-Aug-14	7500	2	VC0000103339	GG'S CONSTRUCTION	$95,640.00	5010	1100	1105	5560	9230	14063015990	DO	7500	NA120000072	June 2014 - Painting, AE Kramer Lane - WO 18935	91054	Painting, Maintenance and Repair Services
AD1409060103047	8-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$663.95	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1409030102018	4-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$55.93	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$65.70	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1312250027940	26-Dec-13	6100	1	STA7106205	STANLEY CONSULTANTS INC	$9,398.11	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1312170026552	18-Dec-13	5500	3	VS0000037094	NADAAA, Inc.	$20,790.00	3240	1107	4853	5280	3610	11092201575	CT	5500		NADAAA Inc.	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$413.46	5010	1100	3212	5560	5982	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$57,444.60	3250	1107	3698	5560	3660	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,914.16	3230	1107	4290	5560	3530	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,895.83	3250	1107	2505	5560	3660	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	3250	1107	2520	5560	3640	14070916538	DO	1100	NA120000111	Batch #1593	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409030102018	4-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX42483	DOM	1100	NA110000035	ST132630	91438	Electrical
AD1409030102018	4-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$767.81	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1409030102030	4-Sep-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$13,416.00	3290	1107	5745	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096675	20-Aug-14	1100	1	V00000909300	Juliee Beyt	$325.00	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1408190096675	20-Aug-14	1100	1	V00000909300	Juliee Beyt	$262.50	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1408190096678	20-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$902.80	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	29	V00000914477	PIKE ENTERPRISES INC	$608.19	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1409030101899	4-Sep-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$16,744.00	3290	1107	5745	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408040091806	5-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$326.39	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1407030081194	7-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407100082890	11-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407150084641	16-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$149.26	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1409250110039	26-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,628.00	3250	1107	2500	5560	3620	14091220692	DO	1100	NA120000111	Batch 1622	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,621.82	3240	1107	4962	5560	3620	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,314.84	3250	1107	3652	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,382.31	3250	1107	3664	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,995.22	5010	1100	3212	5560	5982	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,279.49	5010	1100	3212	5560	5982	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,287.84	3250	1107	2505	5560	3660	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1407150084702	16-Jul-14	1100	3	WRI8303917	WRIGHT TREE SVC INC	$901.30	3250	1107	2520	5560	3640	14070716331	DO	1100	NA120000111	Batch #1589	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$411.08	3250	1107	2506	5560	3660	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,119.91	5010	1100	3504	5560	5960	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310080002941	9-Oct-13	6100	3	ACR0045900	ACR ENGINEERING INC	$100.00	3060	1107	126	5590	1211	12062216572	DO	6100	PA080000064	Solicitation for CW pipe in ROW	91842	Engineering Consulting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$30,811.72	3250	1107	3110	5560	3660	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1311130014695	14-Nov-13	1100	1	VS0000010098	Nipun Systems Inc.	$14,952.00	3250	1107	3468	5230	3910	13032510964	DO	1100	NC130000002	Staff Augmentation- Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311060012706	7-Nov-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$242.25	5010	1100	1307	5590	9230	12071217747	DO	6100	PA080000085	SPCC Eng. Services Assignment	92535	Environmental Engineering
AD1310020001209	3-Oct-13	1100	1	APE8321977	APEX SYSTEMS INC	$21,525.00	3250	1107	3468	5560	3910	12101101075	DO	1100	NC130000002	Staff Augmentation_Catherine Cioffi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310150005266	16-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$9,410.19	5010	1100	1307	5590	9210	12062116487	DO	6100	PA080000085	Holly Sediment Project	92535	Environmental Engineering
AD1311050012396	6-Nov-13	6100	4	STA7106205	STANLEY CONSULTANTS INC	$8,800.77	3240	1107	4952	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1401130032492	14-Jan-14	1100	2	TEC4570250	TECHLINE INC	$6,797.00	3250	1107	3446	5590	3730	MAX35974	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 20	28576	Street Lighting Luminaires, Accessories and Parts
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,865.56	3250	1107	2501	5560	3650	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038916	11-Feb-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$11,648.00	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406300079872	1-Jul-14	1100	1	COM7062925	INSIGHT PUBLIC SECTOR INC	$5,800.00	3290	1107	5745	5560	3910	14022508646	DO	1100	NC140000002	ADMS Project -Professional SVCS	9203146	INSTALLATION OF COMPUTERS, PERIPHERALS, AND RELATE
AD1407010080198	2-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1311050012465	6-Nov-13	6100	2	WES5125100	WESTON SOLUTIONS INC	$45,801.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1312030022662	4-Dec-13	5500	1	VS0000037094	NADAAA, Inc.	$17,490.55	3240	1107	4853	5280	3610	11092201575	CT	5500		NADAAA Inc.	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1310220007127	23-Oct-13	6100	1	INT8308241	INTERA, INC	$77.50	5010	1100	1307	5590	9230	10111504239B	DO	6100	PA080000085	Federal Operating Permit Project Proposal # 4	92535	Environmental Engineering
AD1402180040677	19-Feb-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$1,600.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1403010043982	3-Mar-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$18,147.48	3250	1107	3480	5560	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403050044943	6-Mar-14	1100	1	V00000909300	Juliee Beyt	$712.50	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1403130047608	14-Mar-14	1100	7	LUC8310706	LUCIDITY CONSULTING GROUP LP	$22,530.10	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,592.55	3250	1107	2510	5560	3640	14051413328	DO	1100	NA110000035	Batch 1562	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,804.50	3250	1107	2505	5560	3650	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1402040037629	5-Feb-14	1100	1	APE8321977	APEX SYSTEMS INC	$11,849.76	3250	1107	3635	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$14,326.00	3250	1107	3635	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$3,770.00	3250	1107	3635	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$987.94	3250	1107	3617	5560	3640	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$660.44	5010	1100	3212	5560	5982	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1405150066284	16-May-14	1100	4	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,832.61	3250	1107	2510	5560	3640	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$12,740.95	3250	1107	3455	5560	3620	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,297.20	3250	1107	3639	5560	3620	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1408090093752	11-Aug-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$22,348.20	5010	1100	8322	5725	9230	14032610407	DO	1100	NC140000002	Staff augmentation-Vamsi Namburi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096275	19-Aug-14	1100	1	PDS7116430	PDS TECH INC	$4,452.00	5010	1100	8322	5725	9230	14051613509	DO	1100	NC140000002	Staff augmentation-Tjitse Miller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX41935	DOM	1100	NA110000035	ST130860	91438	Electrical
AD1408180096305	19-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1408180096305	19-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41931	DOM	1100	NA110000035	ST130551	91438	Electrical
AD1405060063764	7-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$676.00	3250	1107	2501	5560	3660	14042512271	DO	1100	NA120000111	Batch #1548	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405060063764	7-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$4,198.74	3250	1107	2501	5560	3660	14042512271	DO	1100	NA120000111	Batch #1548	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$690.97	3250	1107	2501	5560	3660	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$533.42	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$14,802.72	3250	1107	3597	5560	3730	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$12,023.86	3250	1107	3635	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$31,276.45	5010	1100	3708	5560	5930	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311040011828	5-Nov-13	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$4,134.00	3250	1107	3468	5560	3910	13091721546	DO	1100	NC130000002	Staff augmentation-John Perry	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$344.52	3250	1107	2510	5560	3640	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1401210034202	22-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$13,015.00	3250	1107	3480	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404090056136	10-Apr-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$11,115.00	3250	1107	3468	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$774.63	3250	1107	2123	5560	3730	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405080064475	9-May-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$1,981.20	3060	1107	313	5590	1211	13121304943	DO	6100	PA130000018	DCP Hotel Van Zandt Customer Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$542.09	3250	1107	2506	5560	3660	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$22.00	3240	1107	4960	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$187.25	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$475.91	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1408260099176	27-Aug-14	1100	1	HHC7001290	TEXAS CRANE SERVICES	$1,880.00	3290	1107	5755	5560	3900	MAX42094	DOM	1100	NA100000099	longhorn dam stop-logs repair #1	97526	Crane Rental or Lease
AD1408200097285	21-Aug-14	1100	5	PEA8317748	CIMA SOLUTIONS GROUP LLC	$39,525.00	3290	1107	5421	5560	3910	14013107397	DO	1100	NC140000001	San Virtualization Project	92045	Software Maintenance/Support
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,216.47	3230	1107	2933	5560	3530	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,439.59	3240	1107	4854	5560	3620	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,655.68	5010	1100	3510	5560	5941	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1310140004570	15-Oct-13	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$405.00	5010	1100	3504	5560	5930	MAX33898	DOM	1100	S060166	Lcra Testing Invoice T4M-0010727	96148	Laboratory and Field Testing Services (Not Otherwi
AD1310090003375	10-Oct-13	6100	1	TEX8311982	TEXAS SOLAR POWER COMPANY	$2,258.68	3120	1107	7615	5560	3440	12011900504	CT	6100		PV 300 - Decker Lane Solar Restoration Project	90924	Building Construction, Commercial and Institutional
AD1408300101424	2-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$206.79	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1405080064534	9-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$14,869.93	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Trading Post TP-789 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,645.79	3240	1107	4958	5560	3620	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1403240050975	25-Mar-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$1,758.65	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1404160058098	17-Apr-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$26,422.24	3060	1107	312	5590	1211	13123105633	DO	6100	PA130000018	Green Water Treatment CW Pipe Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1405190067263	20-May-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$172.96	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1404020053956	3-Apr-14	1100	1	VS0000021332	PowerPlan Inc	$75,377.52	5010	1100	8344	5280	9230	14011506513	DO	1100	NS090000062	Process review and training session FY2014	92045	Software Maintenance/Support
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$848.69	5010	1100	3212	5560	5982	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$8,575.18	5010	1100	3708	5560	5930	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312180026981	19-Dec-13	1100	1	V00000910827	The Anfield Group	$22,500.00	5010	1100	8322	5280	9230	13060300626	CT	1100		Audit Preparation Services	91800	CONSULTING SERVICES
AD1404020053963	3-Apr-14	6100	1	VS0000037121	Civil & Environmental Consultants, Inc.	$16,004.52	3310	1107	5416	5590	3900	13073118464	DO	6100	PA110000062	E. Riverside Dr. Project	92517	Civil Engineering
AD1404030054356	4-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,248.75	5010	1100	3710	5560	5710	14032410239	DO	1100	NA120000110	Batch 1535	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404080055753	9-Apr-14	6100	2	DPR8302563	DPR CONSTRUCTION INC	$111,493.95	3120	1107	7609	5560	3910	09072901781-05	CT	6100		Bid Pkg. 5 - Main (Interiors) Pkg. Incl. Const. Trades Pkg.	95826	Construction Management Services
AD1404240060600	25-Apr-14	1100	1	GEN6006585	GP STRATEGIES CORPORATION	$9,685.00	5010	1100	2212	5260	5000	MAX38685	CTM	1100		Workforce Progression CBT licenses 6 months	93885	Testing and Training Apparatus, Instruments, and M
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$886.72	5010	1100	3212	5560	5982	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$211.38	3250	1107	3734	5560	3620	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$40,776.78	5010	1100	3708	5560	5930	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,748.40	3250	1107	2500	5560	3620	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,760.96	3250	1107	3637	5560	3660	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,408.05	5010	1100	3215	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407080081928	9-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$338.70	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$42,381.43	3250	1107	2520	5560	3640	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,864.84	3250	1107	3586	5560	3730	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,426.33	3250	1107	3759	5560	3620	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1407160085358	17-Jul-14	1100	5	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$3,056.88	3290	1107	5749	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409290110925	30-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$6,749.11	3230	1107	4287	5590	3550	14052714001	DO	6100	PA110000030	PR # 33.1 // Soil Investigation Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1409160106223	17-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$207.06	3250	1107	2037	5560	3640	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408230098481	25-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$27,873.30	5010	1100	3710	5560	5710	14081518885	DO	1100	NA120000110	Batch #1617	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409110105021	12-Sep-14	1100	2	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$8,443.60	3290	1107	5748	5590	3700	13102402009	DO	1100	NC140000002	Staff Augmentation-John Buck	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$547.04	5010	1100	3212	5560	5982	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,626.11	3250	1107	4557	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,042.58	3240	1107	4969	5560	3620	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$13,661.02	3240	1107	4970	5560	3530	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1407070081632	9-Jul-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$74,440.36	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon Phase 2 - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1406110073972	12-Jun-14	6100	1	ACR0045900	ACR ENGINEERING INC	$195.00	5010	1100	2222	5590	4171	12071717939A	DO	6100	PA080000064	CAD Services	91842	Engineering Consulting
AD1406120074290	13-Jun-14	1100	1	ABD7148105	RITA ABDELADIM	$14,432.00	3250	1107	3635	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079648	30-Jun-14	1100	25	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406280079648	30-Jun-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074383	13-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$72.45	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,961.26	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406120074383	13-Jun-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$1,755.76	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406170075695	18-Jun-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$339.00	3250	1107	3594	5560	3670	MAX40128	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1405270069524	28-May-14	1100	5	WRI8303917	WRIGHT TREE SVC INC	$946.40	5010	1100	3708	5560	5930	14051613496	DO	1100	NA120000111	Batch #1563	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405270069524	28-May-14	1100	8	WRI8303917	WRIGHT TREE SVC INC	$4,441.06	5010	1100	3708	5560	5930	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406100073533	11-Jun-14	1100	6	WRI8303917	WRIGHT TREE SVC INC	$12,986.12	5010	1100	3708	5560	5930	14052814083	DO	1100	NA120000111	Batch #1568	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,618.95	3250	1107	3597	5560	3730	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1401230034999	24-Jan-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$13,680.00	3250	1107	3635	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,252.83	3250	1107	3597	5560	3730	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$146,619.23	5010	1100	3708	5560	5930	14030308972	DO	1100	NA120000111	Batch 1522	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$19,769.18	3230	1107	1521	5560	3530	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$43,521.50	3250	1107	3110	5560	3660	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$825.39	5010	1100	3212	5560	5982	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$4,127.67	3250	1107	2502	5560	3650	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$4,176.27	3250	1107	2520	5560	3640	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409020101683	3-Sep-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$329.00	3250	1107	3106	5560	3670	MAX42210	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1408070093305	8-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX42147	DOM	1100	NA110000035	ST131691	91438	Electrical
AD1409020101712	3-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$500.06	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$131.40	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$129.72	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1408120094544	13-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$8,880.08	5010	1100	3708	5560	5930	14080618259	DO	1100	NA120000111	Batch #1610	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408190096561	20-Aug-14	1100	1	V00000906918	WhitakerIT LLC	$6,700.40	5010	1100	8322	5725	9230	14072517553	DO	1100	NC140000002	Sankara Obili	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$768.76	3250	1107	2123	5560	3730	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,598.94	5010	1100	3212	5560	5982	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409030102018	4-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX42483	DOM	1100	NA110000035	ST132630	91438	Electrical
AD1312300028658	31-Dec-13	1100	1	ENV1756650	FERKAM MANAGEMENT CORPORATION	$680.06	5010	1100	1307	5590	9350	12051714279	DO	1100	NA110000155	asbetos & air monitoring services	9103820	ASBESTOS REMOVAL SERVICES
AD1312160025905	17-Dec-13	6100	4	HNT7099605	HNTB CORP	$5,192.25	3060	1107	290	5590	1211	09120405812D	DO	6100	PA090000005	Shoal Creek Trail Imprv.	92517	Civil Engineering
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,743.58	3250	1107	2123	5560	3730	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	5010	1100	3212	5560	5982	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406100073439	11-Jun-14	6100	1	JAC8308529	JACOBS ENGINEERING GROUP INC	$4,535.92	3060	1107	284	5590	1211	13072317970	DO	6100	PA130000018	AE 5th Street CHW Piping Extension Continuation Proposal	92533	ENGINEER SERVICES, PROFESSIONAL
AD1408190096678	20-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	30	V00000914477	PIKE ENTERPRISES INC	$447.72	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091860	5-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,156.93	3250	1107	2502	5560	3650	14073117972	DO	1100	NA120000111	Batch #1608	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091806	5-Aug-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$118.58	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$74.63	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$275.70	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1406160075180	17-Jun-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$16,839.17	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1406160075180	17-Jun-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$248.75	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1407030081194	7-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$259.48	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407100082890	11-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407150084641	16-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$119.78	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1409250109970	26-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,008.00	3250	1107	3752	5560	3620	14091720978	DO	1100	NA120000111	Batch 1619	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1407310090843	1-Aug-14	1100	1	SIM8304509	SIMPLEX GRINNELL L P	$25,808.32	3220	1107	7343	5590	3110	MAX37260	DOM	1100	NA110000039	replace existing FCI-7200A fire alarm panel	93633	Fire Protection Equipment and Systems Including Fi
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$25,624.14	5010	1100	3708	5560	5930	14091220655	DO	1100	NA120000111	Batch 1633	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106724	18-Sep-14	1100	31	LUC8310706	LUCIDITY CONSULTING GROUP LP	$7,887.60	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,976.56	3250	1107	3777	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$21,355.20	3230	1107	4291	5560	3530	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,247.00	5010	1100	3212	5560	5982	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,646.33	3250	1107	3732	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,917.29	3250	1107	3488	5560	3660	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084702	16-Jul-14	1100	7	WRI8303917	WRIGHT TREE SVC INC	$300.60	3250	1107	3763	5560	3660	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$7,375.40	5010	1100	3708	5560	5930	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310070002486	8-Oct-13	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$11,920.00	5010	1100	1310	5280	9230	12103102414	DO	1100	NC090000043	Technical support for FileNet applications	91829	Computer Software Consulting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11,764.37	3250	1107	2500	5560	3620	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,008.65	5010	1100	3212	5560	5982	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$18,424.95	3230	1107	4284	5560	3530	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$907.68	3250	1107	2510	5560	3650	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,316.93	3230	1107	2854	5560	3530	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$678.93	3240	1107	4920	5560	3620	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$774.41	3250	1107	2123	5560	3730	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,444.59	3250	1107	2505	5560	3660	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11.00	3250	1107	2506	5560	3660	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,334.50	3250	1107	3732	5560	3620	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,340.72	5010	1100	3504	5560	5960	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1310070002541	8-Oct-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$252.00	3250	1107	3106	5560	3670	MAX33753	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$476.33	3250	1107	2505	5560	3660	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,176.97	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402060038526	7-Feb-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$14,240.00	3290	1107	5421	5560	3910	13102101726	DO	1100	NC140000002	Staff Augmentation-Berry White	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$18,521.11	3250	1107	2510	5560	3640	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,040.24	5010	1100	3212	5560	5982	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$46,808.12	3250	1107	2501	5560	3660	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$937.23	3250	1107	2500	5560	3620	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1406210077249	23-Jun-14	1100	9	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,462.66	3250	1107	3759	5560	3620	14061715220	DO	1100	NA120000111	Batch #1579	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407010080198	2-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1310220007162	23-Oct-13	1100	1	TEC4570250	TECHLINE INC	$27,356.25	3250	1107	3446	5560	3730	MAX34173	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 17	28576	Street Lighting Luminaires, Accessories and Parts
AD1403170048342	18-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$18,690.70	5010	1100	3710	5560	5710	14031009394	DO	1100	NA120000110	Batch 1528	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407150084583	16-Jul-14	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$253.50	3250	1107	4620	5560	3660	MAX40879	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1403050044924	6-Mar-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$241.46	3230	1107	2933	5590	3520	13052014169	DO	6100	PA110000030	Austin Energy's Construction Materials Testing Services Mult	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403050044924	6-Mar-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$8,856.52	3240	1107	4951	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$15,180.08	3240	1107	4962	5560	3530	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,369.85	5010	1100	3510	5560	5941	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$626.00	3250	1107	3643	5560	3660	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1406070072908	9-Jun-14	1100	3	VS0000019899	National Human Resource Group, Inc.	$12,760.00	5010	1100	8324	5725	9230	13101701548	DO	1100	NC140000002	Staff augmentation-Varma Siruvuri	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406070072908	9-Jun-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$11,446.81	3290	1107	5421	5560	3910	13100800872	DO	1100	NC140000002	Staff augugentation-Bruce Zarate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402050037959	6-Feb-14	1100	3	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$182.50	3250	1107	4899	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405170066926	19-May-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$43.52	3250	1107	2599	5560	3640	MAX39374	DOM	1100	NA110000035	ST 125040	91438	Electrical
AD1405170066926	19-May-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$103.60	3250	1107	2599	5560	3640	MAX39374	DOM	1100	NA110000035	ST 125040	91438	Electrical
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,577.17	3250	1107	2510	5560	3640	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405010062371	2-May-14	5700	1	LLO2915000	LLOYD GOSSELINK ROCHELLE & TOWNSEND PC	$288.00	5010	1100	1314	5620	9280	13112203863	DO	5700	PA100000059	2012 Rate Proceedings	96149	Legal Services, Attorneys
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$35,175.78	3250	1107	3669	5560	3620	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$170.18	5010	1100	3212	5560	5982	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059870	23-Apr-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$10,602.09	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,531.41	3250	1107	2123	5560	3730	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1408180096305	19-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1405150066284	16-May-14	1100	7	ASP7019530	ASPLUNDH TREE EXPERT CO	$22,952.57	5010	1100	3708	5560	5930	14050612840	DO	1100	NA120000111	Batch #1554	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405170066836	19-May-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$880.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,288.16	3230	1107	4290	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$330.22	3250	1107	2506	5560	3660	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,787.66	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,489.61	5010	1100	3504	5560	5960	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,921.93	3250	1107	3687	5560	3660	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1402190041279	20-Feb-14	6100	1	BUR0879750	BURY HOLDINGS INC	$2,424.20	3060	1107	259	5590	1211	12092422487	DO	6100	PA110000043	3rd Street Chilled Water Serv. to J.W Marriott	92517	Civil Engineering
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$20,207.58	3230	1107	1510	5560	3530	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,274.21	3250	1107	2124	5560	3730	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1311190017522	20-Nov-13	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$6,903.00	3250	1107	3468	5560	3910	12101501250	DO	1100	NC130000002	Staff Augmentation_Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404230060260	24-Apr-14	6100	1	VS0000022108	Robert Jackson and Michael McElhaney Architects, Inc.	$26,632.85	3060	1107	307	5590	1211	13091821678	DO	6100	PA130000040	Finish-out Office @ Conv. Ctr. Chiller Plant - DCP#2	91815	Architectural Consulting
AD1404090056239	10-Apr-14	1100	1	V00000905284	Wood Group Power Plant Services, Inc.	$60,726.40	3220	1107	3667	5590	3140	MAX38335	DOM	1100	GA140000008	SHEC 1-4 Controls Upgrade Change Order (Large)	94172	Power Generating and Transmitting Control System S
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$7,420.99	5010	1100	3708	5560	5930	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407290089649	30-Jul-14	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$332.50	3250	1107	3594	5560	3670	MAX41341	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1401060030140	7-Jan-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$16,744.00	3250	1107	3468	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,379.38	3250	1107	3637	5560	3660	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1409090103945	10-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$15,960.00	5010	1100	8322	5725	9230	14012907151	DO	1100	NC140000002	Preethi Baddam-Systems Analyst 3Emerging	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$356.86	5010	1100	3212	5560	5982	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$970.55	3250	1107	2508	5560	3690	14042111922	DO	1100	NA110000035	Batch 1541	91438	Electrical
AD1404160058098	17-Apr-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$15,543.35	3060	1107	313	5590	1211	13121304943	DO	6100	PA130000018	DCP Hotel Van Zandt Customer Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,901.00	3230	1107	2960	5560	3530	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405190067263	20-May-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$821.68	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1403290052604	31-Mar-14	1100	1	HHC7001290	TEXAS CRANE SERVICES	$1,770.00	3240	1107	4962	5560	3620	MAX37497	DOM	1100	NA100000099	Crane Services for Trading Post 789 Installation	97526	Crane Rental or Lease
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,723.51	5010	1100	3710	5560	5710	14041411545	DO	1100	NA120000110	Batch 1543	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404280061426	29-Apr-14	1100	2	MET7046770	METALINK CORP	$4,023.75	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1404030054336	4-Apr-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$11,704.00	3250	1107	3468	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401220034555	23-Jan-14	6100	2	DPR8302563	DPR CONSTRUCTION INC	$58,855.35	3120	1107	7609	5560	3910	0907290178l-05	CT	6100		Bid Pkg. 5 - Main (Interiors) Pkg. Incl. Const. Trades Pkg.	95826	Construction Management Services
AD1404080055748	9-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,165.90	3250	1107	2505	5560	3660	14040310923	DO	1100	NA120000111	Batch 1534	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404080055770	9-Apr-14	1100	1	APE8321977	APEX SYSTEMS INC	$13,450.00	3250	1107	3480	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405050063156	6-May-14	1100	1	APE8321977	APEX SYSTEMS INC	$14,820.00	3250	1107	3480	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$993.50	3250	1107	2510	5560	3640	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$20,462.76	3240	1107	4953	5560	3620	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$68.64	3250	1107	2501	5560	3660	14091720958	DO	1100	NA120000111	Batch #1637	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409230109073	24-Sep-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$8,076.25	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407080081928	9-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX40371	DOM	1100	NA110000035	ST127421	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407080081928	9-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$21.76	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$154.06	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$374.37	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1407080081928	9-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,314.85	3250	1107	2501	5560	3660	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406230077769	24-Jun-14	1100	3	PEA8317748	CIMA SOLUTIONS GROUP LLC	$19,762.50	3290	1107	5421	5560	3910	14013107397	DO	1100	NC140000001	San Virtualization Project	92045	Software Maintenance/Support
AD1406230077842	24-Jun-14	1100	3	WRI8303917	WRIGHT TREE SVC INC	$2,977.24	3250	1107	2510	5560	3640	14061114909	DO	1100	NA120000111	Batch #1578	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409230109163	24-Sep-14	1100	2	V00000914662	22ND CENTURY STAFFING INC	$15,960.00	3290	1107	5748	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409160106223	17-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1409160106223	17-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1409090103978	10-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$680.35	3250	1107	2520	5560	3640	14090219939	DO	1100	NA120000111	Batch #1623	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408230098481	25-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$137.28	3250	1107	2506	5560	3650	14081518884	DO	1100	NA120000111	Batch #1616	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$793.08	3250	1107	3758	5560	3640	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1407190086857	21-Jul-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$16,016.00	3290	1107	5745	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085427	17-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$7,182.13	3230	1107	3670	5590	3520	13091121226	DO	6100	PA110000030	Lytton Springs LY Bus & Yard Upgrades	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407190086878	21-Jul-14	6100	1	HDR8318192	HDR ENGINEERING INC	$3,819.02	3060	1107	129	5590	1211	12083120930B	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1407160085447	17-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$2,725.57	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1406170075740	18-Jun-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$4,516.94	5010	1100	3708	5560	5930	14060314404	DO	1100	NA120000111	Batch #1572	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401110031983	13-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$14,857.50	3250	1107	3468	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079648	30-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$658.41	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406280079648	30-Jun-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX39842	DOM	1100	NA110000035	ST 125762	91438	Electrical
AD1406120074383	13-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$164.25	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$810.90	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$662.76	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$6,472.27	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406100073533	11-Jun-14	1100	4	WRI8303917	WRIGHT TREE SVC INC	$6,718.48	3250	1107	3763	5560	3660	14052814083	DO	1100	NA120000111	Batch #1568	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,143.97	3250	1107	3652	5560	3660	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$960.84	5010	1100	3212	5560	5982	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	5010	1100	3212	5560	5982	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1403100046334	11-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$12,160.84	3250	1107	3635	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$135.20	3250	1107	2501	5560	3660	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409030101938	4-Sep-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$5,297.50	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Backfill Maria Archuleta-Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093283	8-Aug-14	1100	1	REY8312209	D REYNOLDS COMPANY LP	$28,374.24	5010	1100	2224	5260	4171	MAX41454	CTM	1100		DOMAIN - Purchase 3 year Rockwell TechConnect Support	92000	DATA PROCESSING SERVICES AND SOFTWARE
AD1408070093305	8-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$481.16	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1409020101712	3-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$1,642.05	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$2,785.33	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$902.80	3250	1107	2599	5560	3640	MAX42427	DOM	1100	NA110000035	ST131331	91438	Electrical
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,757.55	3250	1107	2599	5560	3640	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$284.14	5010	1100	3504	5560	5940	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409030102018	4-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,996.55	3250	1107	3597	5560	3730	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$344.56	5010	1100	3212	5560	5982	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,977.03	5010	1100	3212	5560	5982	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406090073108	10-Jun-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$8,011.25	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$807.12	3250	1107	2502	5560	3660	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$74,730.16	5010	1100	3708	5560	5930	14070916538	DO	1100	NA120000111	Batch #1593	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406100073439	11-Jun-14	6100	1	JAC8308529	JACOBS ENGINEERING GROUP INC	$22,636.00	3060	1107	284	5590	1211	13072317970	DO	6100	PA130000018	AE 5th Street CHW Piping Extension Continuation Proposal	92533	ENGINEER SERVICES, PROFESSIONAL
AD1406100073469	11-Jun-14	1100	1	V00000911092	EKHP Consulting LLC	$9,880.00	3250	1107	3468	5560	3910	13101001039	DO	1100	NC140000002	Staff augumentation-Ravinder Saukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096678	20-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	26	V00000914477	PIKE ENTERPRISES INC	$6,487.20	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091806	5-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$93.92	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41572	DOM	1100	NA110000035	ST131342	91438	Electrical
AD1407030081194	7-Jul-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407100082890	11-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407100082890	11-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407100082890	11-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$20.88	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$27.97	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$77.04	3250	1107	2599	5560	3640	MAX40987	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1408160095808	18-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$5,919.72	5010	1100	3708	5560	5930	14080618276	DO	1100	NA120000111	Batch #1611	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$239.56	3250	1107	2599	5560	3640	MAX43153	DOM	1100	NA110000035	ST133440	91438	Electrical
AD1409250110039	26-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical
AD1409250110039	26-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$689.10	5010	1100	3504	5560	5960	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409170106724	18-Sep-14	1100	30	LUC8310706	LUCIDITY CONSULTING GROUP LP	$20,783.20	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	33	LUC8310706	LUCIDITY CONSULTING GROUP LP	$2,433.76	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$230.64	3250	1107	3445	5560	3620	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028456	30-Dec-13	1100	1	APE8321977	APEX SYSTEMS INC	$754.16	3250	1107	3675	5590	3700	13080718873	DO	1100	NC130000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,230.72	5010	1100	3710	5560	5710	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$14,739.76	5010	1100	3710	5560	5710	14012306959	DO	1100	NA120000110	Batch 1508	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$30,850.00	3250	1107	3105	5560	3660	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$531.57	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1409200107403	22-Sep-14	1100	1	V00000908970	NewGen Strategies and Solutions, LLC.	$307.50	5010	1100	8312	5280	9230	13082100842A	CT	1100		Ad Hoc Rate making and model notification.	91812	Analytical Studies and Surveys (Consulting)
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$699.98	5010	1100	3212	5560	5982	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,226.50	3250	1107	2505	5560	3650	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,389.75	3250	1107	2508	5560	3690	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$690.72	5010	1100	3510	5560	5880	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,733.96	5010	1100	3510	5560	5941	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311110014030	12-Nov-13	5700	1	MAK7144235	MAX RENEA HICKS	$5,003.64	5010	1100	1302	5620	9210	13102201824	DO	5700	PA070000056	COA v Whittington	96149	Legal Services, Attorneys
AD1311050012396	6-Nov-13	6100	1	STA7106205	STANLEY CONSULTANTS INC	$12,743.20	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407140084050	15-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1407140084050	15-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1406210077245	23-Jun-14	1100	1	STA7106205	STANLEY CONSULTANTS INC	$4,384.17	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Trading Post TP-789 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406210077249	23-Jun-14	1100	6	ASP7019530	ASPLUNDH TREE EXPERT CO	$17,533.95	5010	1100	3708	5560	5930	140617152220	DO	1100	NA120000111	Batch #1579	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405220068580	23-May-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1407120083595	14-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1407120083595	14-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1407120083595	14-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1401230034967	24-Jan-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$13,832.00	3250	1107	3468	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$408.78	5010	1100	3212	5560	5982	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$517.08	3250	1107	2037	5560	3640	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,900.52	5010	1100	3504	5560	5960	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1401150033224	16-Jan-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$24,249.55	5010	1100	3708	5560	5930	14011306379	DO	1100	NA120000111	Batch 1505	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$8,526.41	5010	1100	3708	5560	5930	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,776.29	3230	1107	3645	5560	3530	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1409030101938	4-Sep-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$5,297.50	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093237	8-Aug-14	1100	1	V00000906918	WhitakerIT LLC	$4,836.00	5010	1100	8322	5725	9230	14050712870	DO	1100	NC140000002	Staff augmentation- Matthew Pecoraro	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1409020101712	3-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42147	DOM	1100	NA110000035	ST131691	91438	Electrical
AD1409020101712	3-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$518.96	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	25	V00000914477	PIKE ENTERPRISES INC	$764.88	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	27	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$65.28	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1405270069401	28-May-14	1100	9	ASP7019530	ASPLUNDH TREE EXPERT CO	$211.36	5010	1100	3708	5560	5930	14051513380	DO	1100	NA120000111	Batch #1557	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406240078558	25-Jun-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$4,811.45	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,232.00	3250	1107	3766	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,205.12	5010	1100	3504	5560	5960	14082719696	DO	1100	NA110000035	Batch #1629	91438	Electrical
AD1409030102018	4-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,405.32	3250	1107	2599	5560	3640	MAX42488	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409030102018	4-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX42483	DOM	1100	NA110000035	ST132630	91438	Electrical
AD1409030102018	4-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1408190096675	20-Aug-14	1100	1	V00000909300	Juliee Beyt	$237.50	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1408190096678	20-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$767.81	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	25	V00000914477	PIKE ENTERPRISES INC	$413.58	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091860	5-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$52,281.58	5010	1100	3708	5560	5930	14073117972	DO	1100	NA120000111	Batch #1608	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091806	5-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX41353	DOM	1100	NA110000035	ST131500	91438	Electrical
AD1408040091806	5-Aug-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX41572	DOM	1100	NA110000035	ST131342	91438	Electrical
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	3250	1107	2506	5560	3650	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091839	5-Aug-14	1100	1	VC0000103025	TELVENT USA LLC	$101,500.00	3250	1107	3463	5590	3690	14072517626	DO	1100	NA120000184	Warranty period (1 year)	92045	Software Maintenance/Support
AD1409170106724	18-Sep-14	1100	36	LUC8310706	LUCIDITY CONSULTING GROUP LP	$28,979.23	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	38	LUC8310706	LUCIDITY CONSULTING GROUP LP	$31,659.39	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,704.18	5010	1100	3510	5560	5941	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1312280028456	30-Dec-13	1100	1	APE8321977	APEX SYSTEMS INC	$754.00	3250	1107	3635	5590	3700	13071017216	DO	1100	NC130000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$136.20	3250	1107	2500	5560	3620	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$185,074.30	5010	1100	3708	5560	5930	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$223.86	3250	1107	3538	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,664.30	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402260043236	27-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$1,450.00	3230	1107	4287	5560	3530	MAX37264	DOM	1100	NA100000024	Message board for lane closure Ckt 1011	98176	Traffic Control Equipment and Accessories Rental o
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,245.62	3240	1107	4854	5560	3620	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1310230007609	24-Oct-13	6100	1	ACR0045900	ACR ENGINEERING INC	$250.00	3060	1107	308	5590	1211	13071217328	DO	6100	PA080000064	AE Chilled Water Svc. Connections to COA Library Mech Room	91842	Engineering Consulting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,469.01	5010	1100	3215	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,682.23	5010	1100	3510	5560	5941	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,094.22	3250	1107	3732	5560	3620	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407030081194	7-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$474.25	3250	1107	2599	5560	3640	MAX40539	DOM	1100	NA110000035	ST128973	91438	Electrical
AD1407100082890	11-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084702	16-Jul-14	1100	9	WRI8303917	WRIGHT TREE SVC INC	$9,455.60	5010	1100	3708	5560	5930	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405280069871	29-May-14	1100	1	VS0000007972	SENTARI TECHNOLOGIES INC	$33,925.00	5010	1100	8322	5725	9230	14031009443	DO	1100	NC140000002	Staff augmentation-Rakesh Myaka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311200017872	21-Nov-13	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$52,689.83	3060	1107	256	5560	1211	13071217315	DO	6100	CA130000008	2nd Street Bridge and Roadway Extension	91268	MANAGEMENT, CONSTRUCTION
AD1407010080198	2-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$374.37	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1402240042477	25-Feb-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$9,030.00	5010	1100	2221	5590	4171	13022109333	DO	6100	PA110000030	DCP1 & DCP2 Arc Flash Study	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,472.80	5010	1100	3215	5560	5982	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,693.60	3250	1107	2508	5560	3690	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1312040023017	5-Dec-13	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$756.00	3250	1107	3594	5560	3670	MAX33811	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1312040023017	5-Dec-13	1100	4	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$323.50	3250	1107	3594	5560	3670	MAX33340	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,712.70	3250	1107	3110	5560	3660	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,303.76	3250	1107	2599	5560	3640	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1403130047608	14-Mar-14	1100	3	LUC8310706	LUCIDITY CONSULTING GROUP LP	$2,680.16	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401140032876	15-Jan-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$13,300.00	3250	1107	3480	5560	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$19,175.90	3250	1107	3586	5560	3730	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,541.33	5010	1100	3212	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$684.58	3250	1107	2510	5560	3640	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1401060030251	7-Jan-14	6100	1	VS0000022108	Robert Jackson and Michael McElhaney Architects, Inc.	$10,907.10	3060	1107	307	5590	1211	13091821678	DO	6100	PA130000040	Finish-out Office @ Conv. Ctr. Chiller Plant - DCP#2	91815	Architectural Consulting
AD1406070072883	9-Jun-14	1100	1	UNI4905750	UNIVERSITY OF TEXAS AT AUSTIN	$180,000.00	5010	1100	2490	5280	9100	14052814077	DO	1100	NI140000018	Set up For FY 14 Interlocal Agreement	91841	Energy Conservation Consulting
AD1310300010767	31-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$473.40	3250	1107	2501	5560	3660	13102502147	DO	1100	NA120000111	Batch 1481	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311020011679	4-Nov-13	1100	1	VS0000021332	PowerPlan Inc	$75,258.13	5010	1100	8344	5280	9230	13062816586	DO	1100	NS090000062	Training Session and Process renrew workshops	92045	Software Maintenance/Support
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$25,516.14	3250	1107	2510	5560	3640	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1311190017519	20-Nov-13	1100	1	VC0000102788	ORACLE AMERICA INC	$7,973.68	3250	1107	3468	5560	3910	13082019685	DO	1100	NC130000002	Oracle profesional services	91829	Computer Software Consulting
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$3,800.00	3250	1107	3468	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$3,770.80	3250	1107	3635	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310220007052	23-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$442.65	5010	1100	3403	5560	5930	13101501457	DO	1100	NA120000111	Batch 1474	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310220007141	23-Oct-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$403.00	3250	1107	3594	5560	3670	MAX34267	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,123.19	3240	1107	4964	5560	3620	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1407150084583	16-Jul-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$354.25	3250	1107	2505	5560	3650	MAX40391	DOM	1100	NA100000024	WR 126580 - 2920 S. Lakeline Blvd	98176	Traffic Control Equipment and Accessories Rental o
AD1401070030833	8-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$20,349.00	3250	1107	3468	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$43,855.43	3250	1107	2124	5560	3620	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$78,038.60	3250	1107	3729	5560	3620	14051413328	DO	1100	NA110000035	Batch 1562	91438	Electrical
AD1402040037664	5-Feb-14	1100	1	APE8321977	APEX SYSTEMS INC	$4,000.00	3250	1107	3480	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,578.49	3250	1107	2510	5560	3640	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$356.86	5010	1100	3504	5560	5960	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059870	23-Apr-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$10,602.09	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,441.03	3250	1107	2505	5560	3660	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$997.15	3250	1107	2030	5560	3640	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$910.70	5010	1100	3212	5560	5982	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1402190041260	20-Feb-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$44,984.00	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$12,589.62	5010	1100	3708	5560	5930	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408090093755	11-Aug-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$15,823.50	3290	1107	5745	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407240088742	25-Jul-14	1100	1	GRA2094750	GRAEBEL SAN ANTONIO MOVERS INC	$3,059.67	3290	1107	5745	5560	3910	14052903841	PO	1100		ADMS Project	42030	Furniture, General (Custom Made)
AD1408260099284	27-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$383.19	5010	1100	3708	5560	5930	14082519400	DO	1100	NA120000111	Batch #1625	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407230088362	24-Jul-14	1100	10	LUC8310706	LUCIDITY CONSULTING GROUP LP	$670.04	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41935	DOM	1100	NA110000035	ST130860	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$59,152.72	3230	1107	3645	5560	3530	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1404300062115	1-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$3,728.10	3230	1107	1525	5590	3520	13112604076	DO	6100	PA110000030	Garfield GF Yard Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$35,545.36	3230	1107	1522	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$326.40	3250	1107	4607	5560	3660	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,579.20	5010	1100	3212	5560	5982	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403250051525	26-Mar-14	1100	1	V00000910827	The Anfield Group	$32,500.00	5010	1100	8322	5280	9230	13060300626A	CT	1100		Audit Preparation Services	91800	CONSULTING SERVICES
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$127,947.53	3230	1107	4287	5560	3530	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$936.01	3250	1107	2501	5560	3660	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1404230060210	24-Apr-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$3,140.69	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1310190006575	21-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,946.97	3250	1107	2520	5560	3640	13100800910	DO	1100	NA120000111	Batch 1476	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,553.60	3230	1107	1510	5560	3530	13102502171	DO	1100	NA120000110	Batch 1480	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311040011835	5-Nov-13	1100	1	APE8321977	APEX SYSTEMS INC	$14,329.05	3250	1107	3675	5590	3700	13080718873	DO	1100	NC130000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311160015169	18-Nov-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$453.00	3250	1107	3594	5560	3670	MAX34711	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$94,433.78	5010	1100	3708	5560	5930	13111203148	DO	1100	NA120000111	Batch 1488	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,461.53	3230	1107	1510	5560	3530	13111203143	DO	1100	NA120000110	Batch 1489	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405210068152	22-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$6,642.27	3230	1107	1525	5590	3520	13112604076	DO	6100	PA110000030	Garfield GF Yard Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$28,623.02	3240	1107	4964	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1311210019429	22-Nov-13	6000	1	SCI7046490	SCIENTIFIC INVESTIGATION & INSTRUCTION INSTITUTE	$900.00	5010	1100	1307	5590	9302	13111203160	DO	6000	NA090000113	Chris Rasmussen/ Linda Arredondo/Breck Nolen	9243518	TRAINING, ASBESTOS CERTIFICATION
AD1311230020903	25-Nov-13	6100	1	VC0000102835	KELLOGG BROWN & ROOT LLC	$15,714.72	3120	1107	7630	5560	1210	12092422415	DO	6100	CA110000001	18 HVAC Repalcement @ AE Meinardus & Decker Fac.	91231	CONSTRUCTION, REMODEL & ALTERA
AD1409090103945	10-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$15,960.00	5010	1100	8322	5725	9230	14012907151	DO	1100	NC140000002	Byju KUnnummal Backfill-Systems Analyst 3Emergin	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409090103946	10-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$16,720.00	3290	1107	5747	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404140057238	15-Apr-14	1100	1	KEM7155110	KEMA INCORPORATED	$40,000.00	5010	1100	5112	5590	5620	MAX34008	DOM	1100	NA090000048	KEMA - EMS Stiudy - $40K	2088201	GIS SOFTWARE PRE-PACKAGED
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,932.79	3250	1107	2123	5560	3730	14050112572	DO	1100	NA110000035	Batch 1552	91438	Electrical
AD1405100065000	12-May-14	1100	1	VS0000010098	Nipun Systems Inc.	$14,952.00	3250	1107	3468	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405120065243	13-May-14	6100	1	HDR8318192	HDR ENGINEERING INC	$687.95	3060	1107	129	5590	1211	12083120930A	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant #3	92517	Civil Engineering
AD1405190067263	20-May-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1404120057032	14-Apr-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$2,429.17	3240	1107	4951	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$474.20	3250	1107	3648	5560	3620	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1404080055770	9-Apr-14	1100	1	APE8321977	APEX SYSTEMS INC	$21,637.39	3250	1107	3468	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404240060574	25-Apr-14	1100	7	LUC8310706	LUCIDITY CONSULTING GROUP LP	$251.27	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404210059339	22-Apr-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$1,000.00	3230	1107	4285	5590	3540	13090620822	DO	6100	PA110000030	Tower Modeling Engineering Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$551.28	5010	1100	3212	5560	5982	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$413.46	5010	1100	3212	5560	5982	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,522.00	5010	1100	3212	5560	5982	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,651.48	5010	1100	3212	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,445.50	5010	1100	3504	5560	5960	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$14,286.11	3250	1107	3586	5560	3730	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$551.28	5010	1100	3212	5560	5982	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407160085491	17-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$5,661.78	5010	1100	3212	5560	5982	14071016643	DO	1100	NA120000111	Batch 1596	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081928	9-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$74.63	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,150.86	3250	1107	3749	5560	3620	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1406050072289	6-Jun-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$13,219.02	3250	1107	3635	5560	3910	13100700702	DO	1100	NC140000002	Staff augmentation-John Halter	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312050023262	6-Dec-13	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$180.00	5010	1100	1105	5590	9210	1111280375 4C	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1409230109136	24-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$3,106.16	3240	1107	4960	5590	3620	14071616978	DO	6100	PA110000030	Salem Walk 123 Relay Settings and Field Support	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1409150105634	16-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$550.52	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409160106223	17-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$525.60	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409090103978	10-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$564.44	5010	1100	3212	5560	5982	14090219939	DO	1100	NA120000111	Batch #1623	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409080103690	9-Sep-14	1100	1	VC0000103025	TELVENT USA LLC	$175,000.00	3250	1107	3463	5590	3690	14090219955	DO	1100	NA120000184	ADMS Project	92045	Software Maintenance/Support
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$7,493.55	5010	1100	3708	5560	5930	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$769.73	5010	1100	3212	5560	5982	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,407.30	5010	1100	3510	5560	5941	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1402150040355	18-Feb-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$2,365.53	5010	1100	8821	5280	4172	13042912910	DO	5600	NC130000005	#17029-Interpretations service	92045	Software Maintenance/Support
AD1407160085487	17-Jul-14	1100	2	VS0000035305	Bansar Technologies Inc	$8,160.00	3290	1107	5748	5560	3910	13100900992	DO	1100	NC140000002	Staff augmentation- Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407070081614	9-Jul-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$30,040.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$11,637.50	3250	1107	3480	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096194	19-Aug-14	1100	1	VS0000032630	Seaholm Power Development LLC	$1,344.00	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1407240088739	25-Jul-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$23,480.00	3060	1107	326	5590	1211	14050212701	DO	6100	PA130000018	PR # 1.3 // 3rd St Chilled Water System Impr	92533	ENGINEER SERVICES, PROFESSIONAL
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,502.80	5010	1100	3212	5560	5982	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$131,850.40	3230	1107	4290	5560	3530	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,128.80	3250	1107	3586	5560	3730	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405170066941	19-May-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$19,693.50	3250	1107	3468	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$330.22	5010	1100	3212	5560	5982	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404222059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$428.49	3250	1107	2520	5560	3640	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1405150066284	16-May-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$17,844.02	5010	1100	3710	5560	5710	14050612814	DO	1100	NA120000110	Batch #1555	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405060063764	7-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$52,837.20	5010	1100	3708	5560	5930	14042512271	DO	1100	NA120000111	Batch #1548	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403200049460	21-Mar-14	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$28,649.85	3060	1107	256	5560	1211	13071217315	DO	6100	CA130000008	2nd Street Bridge and Roadway Extension	91268	MANAGEMENT, CONSTRUCTION
AD1408260099262	27-Aug-14	1100	1	VS0000021332	PowerPlan Inc	$3,850.00	5010	1100	8344	5280	9230	14011506513	DO	1100	NS0900000062	Process review and training session FY2014	92045	Software Maintenance/Support
AD1408180096292	19-Aug-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$9,771.72	3290	1107	5761	5725	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$245.97	3250	1107	2599	5560	3640	MAX41935	DOM	1100	NA110000035	ST130860	91438	Electrical
AD1408180096305	19-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$410.84	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1408180096305	19-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX41931	DOM	1100	NA110000035	ST130551	91438	Electrical
AD1408180096305	19-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41931	DOM	1100	NA110000035	ST130551	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,377.81	3250	1107	2505	5560	3650	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$17,215.11	3250	1107	3720	5560	3640	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,516.13	3250	1107	3586	5560	3730	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$15,200.00	3250	1107	3480	5560	3910	13100700771	DO	1100	NC140000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$328,321.21	3230	1107	4285	5560	3530	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$497.28	3250	1107	3753	5560	3660	14050212679	DO	1100	NA120000111	Batch 1544	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040289	18-Feb-14	6100	1	AME8315074	AMEC ENVIRONMENT & INFRASTRUCTURE INC	$7,910.84	5010	1100	1307	5590	9230	13020408210	DO	6100	PA100000043	Walter E. Long Lake Entrainment Characterization & Hydrilla	92535	Environmental Engineering
AD1401220034550	23-Jan-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,906.15	5010	1100	3708	5560	5930	14011606586	DO	1100	NA120000111	Batch 1506	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,558.79	3250	1107	3744	5560	3660	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$503.10	3250	1107	3105	5560	3660	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1407300090270	31-Jul-14	6100	1	V00000907889	Warden Construction Corporation	$36,702.00	3290	1107	5743	5560	3900	14031709811	DO	6100	CA130000003	Renovation of Kramer Ln Bldg E Meter Shop_ PR # 7.1	91231	CONSTRUCTION, REMODEL & ALTERA
AD1405190067263	20-May-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$249.35	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1405030062662	5-May-14	1100	1	VS0000032630	Seaholm Power Development LLC	$1,898.40	3060	1107	257	5560	1211	MAX39202	DOM	1100	NA140000052	Payment #4 for Seaholm Transmission Line	91360	Construction, Water System, Main and Service Line
AD1403290052652	31-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$12,541.10	3220	1107	8010	5590	3410	12030709740A	DO	6100	PA110000030	MEC Transformer Replacements	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404030054356	4-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$47,945.31	5010	1100	3710	5560	5710	14032410239	DO	1100	NA120000110	Batch 1535	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$25,579.89	3250	1107	2500	5560	3620	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$403.39	3250	1107	2501	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409100104526	11-Sep-14	1100	5	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$3,193.75	3290	1107	5749	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$56,379.76	3250	1107	2520	5560	3640	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1407160085491	17-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$3,158.82	3250	1107	2520	5560	3640	14071016643	DO	1100	NA120000111	Batch 1596	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081928	9-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$308.12	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407080081928	9-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$902.80	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407080081928	9-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407080081928	9-Jul-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	30	V00000914477	PIKE ENTERPRISES INC	$400.77	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1310140004570	15-Oct-13	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$775.00	5010	1100	3504	5560	5930	MAX33894	DOM	1100	S060166	Lcra Test Invoice T4M-0010693	96148	Laboratory and Field Testing Services (Not Otherwi
AD1310090003310	10-Oct-13	6100	1	AME8315074	AMEC ENVIRONMENT & INFRASTRUCTURE INC	$35,845.08	5010	1100	1307	5590	9230	13020408210	DO	6100	PA100000043	Walter E. Long Lake Entrainment Characterization & Hydrilla	92535	Environmental Engineering
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,820.62	3250	1107	2123	5560	3730	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$518.24	5010	1100	3212	5560	5982	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,614.85	5010	1100	3212	5560	5982	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$10,033.67	3230	1107	1510	5560	3530	13120904639	DO	1100	NA120000110	Batch 1494	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$160.92	3250	1107	3538	5560	3620	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409160106223	17-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1409160106223	17-Sep-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$597.04	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1409160106223	17-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$275.62	3250	1107	2599	5560	3640	MAX42713	DOM	1100	NA110000035	ST127040	91438	Electrical
AD1409160106223	17-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$77.04	3250	1107	2599	5560	3640	MAX42713	DOM	1100	NA110000035	ST127040	91438	Electrical
AD1407080081928	9-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1407190086945	21-Jul-14	1100	3	V00000907134	Randstad North America, L.P.	$1,200.00	5010	1100	8324	5725	9230	13101401379	DO	1100	NC140000002	Staff Agumentation-Aaron Williams	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$17,666.76	3250	1107	2510	5560	3640	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1406050072243	6-Jun-14	1100	2	LUC8310706	LUCIDITY CONSULTING GROUP LP	$9,692.85	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	96200	MISCELLANEOUS SERVICES
AD1407160085427	17-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$532.53	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Closing - Trading Post TP-789 Transformer & Switchgear Unit	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407160085427	17-Jul-14	6100	5	STA7106205	STANLEY CONSULTANTS INC	$261.99	3230	1107	2952	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407160085427	17-Jul-14	6100	7	STA7106205	STANLEY CONSULTANTS INC	$91.55	3230	1107	2953	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1408020091176	4-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	5010	1100	3708	5560	9210	14072517594	DO	1100	NA120000111	Batch #1601	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407210087398	22-Jul-14	1100	2	VS0000010098	Nipun Systems Inc.	$14,685.00	3290	1107	5745	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406020071117	3-Jun-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$1,217.60	3250	1107	2520	5560	3640	14052013671	DO	1100	NA120000111	Batch #1564	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079576	30-Jun-14	1100	14	ASP7019530	ASPLUNDH TREE EXPERT CO	$789.68	3250	1107	3759	5560	3620	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$462.17	3250	1107	2502	5560	3660	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079648	30-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406280079648	30-Jun-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074341	13-Jun-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$16,182.00	3250	1107	3635	5560	3910	13101001048	DO	1100	NC140000002	Staff augmentation-Nagendra Garlanka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406120074383	13-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$279.75	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$90.34	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406170075695	18-Jun-14	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$385.25	3250	1107	3594	5560	3670	MAX40204	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1406170075695	18-Jun-14	1100	4	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$388.50	3250	1107	3108	5560	3670	MAX40128	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,026.98	3250	1107	2501	5560	3650	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1401230034935	24-Jan-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$17,682.16	3250	1107	3480	5560	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,589.57	3250	1107	3106	5560	3670	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$960.25	5010	1100	3212	5560	5982	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079648	30-Jun-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074383	13-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$90.34	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1406120074383	13-Jun-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$1,767.36	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406120074383	13-Jun-14	1100	25	V00000914477	PIKE ENTERPRISES INC	$270.30	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406120074389	13-Jun-14	1100	1	VC0000101773	PERRY LORENZ	$10,010.24	5010	1100	2221	5590	4171	MAX39891	DOM	1100	NA0900001 63	Property Taxes - Construction Laydown Yard	97135	Land, Rental or Lease
AD1406180075986	19-Jun-14	5700	1	V00000921149	Sutherland Asbill & Brennan, LLP	$9,674.28	5010	1100	1302	5620	9211	14060214355	DO	5700	PA140000035	Wholesale power and natural gas transactions	96149	Legal Services, Attorneys
AD1407170086043	18-Jul-14	6100	1	SJL8312932	S J LOUIS CONSTRUCTION OF TEXAS LTD	$104,172.25	3060	1107	284	5560	1211	14013000265	CT	6100		E 5th St Chilled Water Piping, San Jacinto to Red River Ph 2	91340	Construction, Pipeline
AD1406100073532	11-Jun-14	1100	1	WOR8311005	RONALD GILDEN MARKS	$960.00	5010	1100	1121	5280	9230	14051313203	DO	1100	NA1300001 62	Pay invoices for services performed.	93921	Computers, Data Processing Equipment, Maintenance and Repair
AD1407120083595	14-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$767.81	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,850.32	3250	1107	2123	5560	3730	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$98,739.71	3250	1107	3657	5560	3660	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,407.53	5010	1100	3212	5560	5982	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$211.70	3250	1107	3737	5560	3660	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1403150048057	17-Mar-14	1100	2	MET7046770	METALINK CORP	$8,891.20	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,302.53	5010	1100	3504	5560	5880	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1401150033224	16-Jan-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,639.84	3250	1107	2520	5560	3640	14011306379	DO	1100	NA120000111	Batch 1505	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093237	8-Aug-14	1100	1	V00000906918	WhitakerIT LLC	$4,836.00	5010	1100	8322	5725	9230	14050712870	DO	1100	NC140000002	Staff augmentation- Matthew Pecorano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408250098946	26-Aug-14	6100	1	VS0000026940	Texas AirSystems, LLC	$74,785.00	3060	1107	319	5560	1211	14060314435	DO	6100	CA130000010	COA Westin Hotel - Heat Exchangers	91340	Construction, Pipeline
AD1408250098955	26-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,086.96	3250	1107	2510	5560	3640	14082019110	DO	1100	NA120000111	Batch #1620	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$902.80	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1408070093305	8-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$131.40	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX42146	DOM	1100	NA110000035	ST132361	91438	Electrical
AD1409020101712	3-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$357.89	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$1,824.57	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1408070093320	8-Aug-14	1100	1	WOR8311005	RONALD GILDEN MARKS	$720.00	5010	1100	1121	5280	9230	14051313203	DO	1100	NA1300001 62	Pay invoices for services performed.	93921	Computers, Data Processing Equipment, Maintenance and Repair
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$572.90	3250	1107	3729	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$16,522.11	3250	1107	3586	5560	3730	14082719696	DO	1100	NA110000035	Batch #1629	91438	Electrical
AD1312170026552	18-Dec-13	5500	3	VS0000037094	NADAAA, Inc.	$20,790.00	3240	1107	4853	5280	3610	11092201575	CT	5500		Seaholm Substation Wall Art in Public Places (AIPP)	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1312180026900	19-Dec-13	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$1,760.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,751.06	5010	1100	3212	5560	5982	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$510.62	5010	1100	3403	5560	5930	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$551.28	5010	1100	3504	5560	5960	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1408190096678	20-Aug-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$3,730.99	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$764.88	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091806	5-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$283.81	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	24	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1407100082890	11-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407150084641	16-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$432.48	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,094.65	3250	1107	2505	5560	3660	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1409250110039	26-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409250110039	26-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$787.92	3250	1107	2510	5560	3640	14091220655	DO	1100	NA120000111	Batch 1633	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106724	18-Sep-14	1100	26	LUC8310706	LUCIDITY CONSULTING GROUP LP	$20,662.46	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$470.77	3250	1107	3758	5560	3640	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409200107353	22-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,020.12	5010	1100	3708	5560	5930	14091120631	DO	1100	NA120000111	Batch #1614	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312120025117	13-Dec-13	6100	1	TEX8311982	TEXAS SOLAR POWER COMPANY	$26,493.33	3120	1107	7615	5560	3440	12011900504	CT	6100		PV 300 - Decker Lane Solar Restoration Project	90924	Building Construction, Commercial and Institutional
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$11,543.95	5010	1100	3708	5560	5930	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312110024864	12-Dec-13	1100	1	VS0000021332	PowerPlan Inc	$73,988.10	5010	1100	8344	5280	9230	13062816586	DO	1100	NS090000062	Training Session and Process renrew workshops	92045	Software Maintenance/Support
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,605.38	3250	1107	2510	5560	3640	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,292.91	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,383.92	3250	1107	2510	5560	3640	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084702	16-Jul-14	1100	8	WRI8303917	WRIGHT TREE SVC INC	$7,639.46	5010	1100	3708	5560	5930	14062415710	DO	1100	NA120000111	Batch #1583	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$125.16	3250	1107	3538	5560	3620	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310080002944	9-Oct-13	6100	1	AME8315074	AMEC ENVIRONMENT & INFRASTRUCTURE INC	$5,332.61	5010	1100	1307	5590	9230	13020408210	DO	6100	PA100000043	Walter E. Long Lake Entrainment Characterization & Hydrilla	92535	Environmental Engineering
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,318.70	3250	1107	2501	5560	3660	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,921.00	3250	1107	3631	5560	3620	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$836.54	5010	1100	3212	5560	5982	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,669.68	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310230007739	24-Oct-13	6100	1	VS0000021255	CH2M HILL ENGINEERS, INC.	$74,033.34	5010	1100	2216	5590	5002	13061916061	DO	6100	S050368	River Bank Stabilization Project	92525	DESIGNING

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,770.09	3250	1107	3602	5560	3620	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$26,799.67	3250	1107	2510	5560	3640	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1310190006522	21-Oct-13	6100	1	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$356,206.86	3060	1107	256	5560	1211	13071217315	DO	6100	CA1300000 8	2nd Street Bridge and Roadway Extension	91268	MANAGEMENT, CONSTRUCTION
AD1310120004141	14-Oct-13	5500	1	VS0000037094	NADAAA, Inc.	$30,608.46	3240	1107	4853	5280	3610	11092201575	CT	5500		NADAAA Inc.	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1309300000235	1-Oct-13	1100	2	FRO8315424	FRONTIER ASSOCIATES L L C	$1,024.40	5010	1100	2437	5280	9100	12031410281	DO	1100	NA080000129	ASP Hosted Services & Operational Enhancements	20811	Application Software, Microcomputer
AD1402260043236	27-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$328.25	5010	1100	3212	5560	5982	MAX37191	DOM	1100	NA100000024	2502 Indian Creek RD WR 12321	98176	Traffic Control Equipment and Accessories Rental o
AD1402240042450	25-Feb-14	1100	1	KEM7155110	KEMA INCORPORATED	$22,054.00	5010	1100	2450	5280	5810	13082920451	DO	1100	NA110000076	DSM Project 8 LSAC Reprot Consulting Services	91841	Energy Conservation Consulting
AD1401130032492	14-Jan-14	1100	1	TEC4570250	TECHLINE INC	$12,998.50	3250	1107	3446	5560	3730	MAX35974	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 20	28576	Street Lighting Luminaires, Accessories and Parts
AD1402100038885	11-Feb-14	6100	3	STA7106205	STANLEY CONSULTANTS INC	$4,587.55	3230	1107	2933	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,366.13	3250	1107	2506	5560	3650	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,168.90	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1401130032520	14-Jan-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$28,923.00	3240	1107	4951	5560	3620	MAX32734	DOM	1100	NA120000169	Relay Construction - Arc Flash Mediation	9135660	RELAY CONSTRUCTION SERVICES (INCLUDES WIRING, TESTING, COMM
AD1406210077245	23-Jun-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$4,384.17	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Closing - Trading Post TP-789 Transformer & Switchgear Unit	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406210077249	23-Jun-14	1100	4	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	5010	1100	3212	5560	5982	14061715220	DO	1100	NA120000111	Batch #1579	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407010080198	2-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$283.81	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407150084530	16-Jul-14	1100	4	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$3,193.75	5010	1100	8322	5725	9230	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310220007052	23-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$9,151.18	5010	1100	3708	5560	5930	13101501457	DO	1100	NA120000111	Batch 1474	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310150005219	16-Oct-13	1100	1	MET7046770	METALINK CORP	$7,979.30	3290	1107	5313	5560	3900	13092522272	DO	1100	NA080000138	Fencing Installation and repair Services	98815	Fence Installation and Repair
AD1310150005219	16-Oct-13	1100	2	MET7046770	METALINK CORP	$3,825.40	3290	1107	5313	5560	3900	13092522272	DO	1100	NA080000138	Fencing Installation and repair Services	98815	Fence Installation and Repair
AD1403170048386	18-Mar-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$20,842.05	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon. Phase II - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,297.95	3250	1107	2510	5560	3640	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,286.10	3250	1107	3729	5560	3620	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$33.00	3240	1107	4962	5560	3620	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,051.26	3250	1107	2036	5560	3680	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$4,075.67	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Closing - Trading Post TP-789 Transformer & Switchgear Unit	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403050044924	6-Mar-14	6100	8	STA7106205	STANLEY CONSULTANTS INC	$2,214.13	3230	1107	1504	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,826.08	3230	1107	4286	5560	3530	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1407150084464	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$127,834.24	3250	1107	2510	5560	3640	14062415700	DO	1100	NA110000035	Batch 1586	91438	Electrical
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$14,237.84	3230	1107	4290	5560	3530	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$41,388.77	3250	1107	3597	5560	3730	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1401070030833	8-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$13,689.00	3250	1107	3468	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405170066926	19-May-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$237.16	3250	1107	2599	5560	3640	MAX39374	DOM	1100	NA110000035	ST 125040	91438	Electrical
AD1405140066009	15-May-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$44,732.03	5010	1100	3708	5560	5930	14050712890	DO	1100	NA120000111	Batch #1556	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404222059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,833.32	3230	1107	1521	5560	3530	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$21,386.12	3250	1107	2520	5560	3640	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$8,336.10	5010	1100	3708	5560	5930	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402190041265	20-Feb-14	1100	1	ABD7148105	RITA ABDELADIM	$14,432.00	3250	1107	3635	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408090093761	11-Aug-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$13,005.30	3060	1107	313	5590	1211	13121304943	DO	6100	PA130000018	DCP Hotel Van Zandt Customer Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1408180096305	19-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41931	DOM	1100	NA110000035	ST130551	91438	Electrical
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,492.40	3250	1107	2502	5560	3650	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$12,022.50	3250	1107	3468	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$16,000.00	3250	1107	3480	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310190006575	21-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,696.88	3250	1107	2502	5560	3660	13100800910	DO	1100	NA120000111	Batch 1476	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	5010	1100	3403	5560	5930	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004605	15-Oct-13	1100	1	V00000909300	Juliee Beyt	$350.00	5010	1100	2437	5280	9070	1208310342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1310140004605	15-Oct-13	1100	1	V00000909300	Juliee Beyt	$725.00	5010	1100	2437	5280	9070	1208310342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1404160058138	17-Apr-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$260.40	3230	1107	2933	5590	3520	13052014169	DO	6100	PA110000030	Austin Energy's Construction Materials Testing Services Mult	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404010053552	2-Apr-14	6100	1	ACR0045900	ACR ENGINEERING INC	$81.50	5010	1100	2222	5590	4171	12071717939	DO	6100	PA080000064	CAD Services	91842	Engineering Consulting
AD1407230088414	24-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$327.96	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1407230088414	24-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$270.30	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1407290089696	30-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1408300101403	2-Sep-14	1100	2	RFD7081045	RFD & ASSOC INC	$13,956.50	5010	1100	8322	5725	9230	13102301931A	DO	1100	NC140000002	Staff augmentation-Ronald E Evans	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403060045296	7-Mar-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$12,936.00	3250	1107	3468	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401220034534	23-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$11,147.50	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409110104982	12-Sep-14	1100	1	IBM2470000	INTERNATIONAL BUSINESS MACHINES CORPORATION	$27,144.00	5010	1100	8322	5725	9230	14041011446	DO	1100	NC140000002	Data Power Consultant to assist with Data Power migration	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401220034537	23-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$15,680.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$692.30	3230	1107	1517	5560	3530	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$183.80	5010	1100	3212	5560	5982	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1404020053956	3-Apr-14	1100	1	VS0000021332	PowerPlan Inc	$75,932.33	5010	1100	8344	5280	9230	14011506513	DO	1100	NS090000062	Process review and training session FY2014	92045	Software Maintenance/Support
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$428.40	5010	1100	3212	5560	5982	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,386.32	3250	1107	3723	5560	3660	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312100024593	11-Dec-13	5700	1	MAX7144235	MAX RENEA HICKS	$2,969.06	5010	1100	1302	5620	9210	13102201824	DO	5700	PA070000056	COA v Whittington	96149	Legal Services, Attorneys
AD1404280061426	29-Apr-14	1100	2	MET7046770	METALINK CORP	$176.45	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1404030054349	4-Apr-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$5,797.16	3230	1107	1519	5590	3530	13090620825	DO	6100	PA110000030	Grove to Kingsbery CKT 9847 Relay Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404080055748	9-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,385.60	5010	1100	3708	5560	5930	14040310923	DO	1100	NA120000111	Batch 1534	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403180048814	19-Mar-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$253.50	3250	1107	2508	5560	3690	MAX36242	DOM	1100	NA100000024	WR 121573 - 12741 1/2 183 N Lane Closure	98176	Traffic Control Equipment and Accessories Rental o
AD1404030054458	4-Apr-14	6100	4	HNT7099605	HNTB CORP	$5,284.35	3060	1107	290	5590	1211	09120405812D	DO	6100	PA090000005	Shoal Creek Trail Imprv.	92517	Civil Engineering
AD1404070055289	8-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$109,076.95	5010	1100	3708	5560	5930	14032510347	DO	1100	NA120000111	Batch 1536	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$9,370.91	3250	1107	3732	5560	3620	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,633.85	5010	1100	3708	5560	5930	14091720958	DO	1100	NA120000111	Batch #1637	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$651.00	5010	1100	3212	5560	5982	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$275.64	5010	1100	3504	5560	5960	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407160085491	17-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$27,492.09	5010	1100	3708	5560	5930	14071016643	DO	1100	NA120000111	Batch 1596	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406050072236	6-Jun-14	1100	4	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,832.90	5010	1100	3710	5560	5710	14052714024	DO	1100	NA120000110	Batch #1567	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$15,770.00	3290	1107	5744	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$8,295.76	3290	1107	5748	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1409160106223	17-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$577.58	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$221.64	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1409160106223	17-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1409160106223	17-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1407160085427	17-Jul-14	6100	8	STA7106205	STANLEY CONSULTANTS INC	$360.70	3230	1107	1504	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407160085447	17-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$595.50	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1407160085447	17-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$891.87	5010	1100	3212	5560	5982	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,288.70	5010	1100	3212	5560	5982	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406110074003	12-Jun-14	1100	4	ASP7019530	ASPLUNDH TREE EXPERT CO	$736.31	3250	1107	2510	5560	3640	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406110074003	12-Jun-14	1100	7	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,334.38	5010	1100	3708	5560	5930	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405240069104	27-May-14	1100	1	VS0000032630	Seaholm Power Development LLC	$114,279.65	3060	1107	257	5560	1211	MAX39723	DOM	1100	NA140000052	Invoice #5 for Seaholm Transmission line	91360	Construction, Water System, Main and Service Line
AD1405240069106	27-May-14	1100	1	VS0000032630	Seaholm Power Development LLC	$64,282.30	3060	1107	257	5560	1211	MAX39723	DOM	1100	NA140000052	Invoice #5 for Seaholm Transmission line	91360	Construction, Water System, Main and Service Line
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$1,402.69	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX39840	DOM	1100	NA110000035	ST 125760	91438	Electrical
AD1406120074383	13-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$90.32	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1406170075686	18-Jun-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$3,409.73	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,747.30	3250	1107	2123	5560	3730	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$871.97	3250	1107	2500	5560	3620	14022508611	DO	1100	NA120000111	Batch 13	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,497.74	3250	1107	2501	5560	3650	14030308972	DO	1100	NA120000111	Batch 1522	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403120047241	13-Mar-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$15,470.00	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,739.30	3250	1107	3728	5560	3620	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$416.68	5010	1100	3504	5560	5880	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403170048437	18-Mar-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$16,720.00	3250	1107	3635	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$426.22	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$605.32	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1408070093305	8-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1408070093305	8-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$987.63	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$275.72	3250	1107	2599	5560	3640	MAX42412	DOM	1100	NA110000035	ST131730	91438	Electrical
AD1409020101712	3-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1409020101712	3-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$658.41	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1409060103047	8-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$777.36	5010	1100	3212	5560	5982	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312180026860	19-Dec-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$3,678.00	5010	1100	1307	5590	9230	12042612831B	DO	6100	PA080000085	Crescent Track Project	92535	Environmental Engineering
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,329.48	3250	1107	2506	5560	3660	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,100.12	3230	1107	2955	5560	3530	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,739.70	5010	1100	3510	5560	5941	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1409030102030	4-Sep-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$18,097.50	3290	1107	5745	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096678	20-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$326.39	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408040091692	5-Aug-14	6100	1	ACR0045900	ACR ENGINEERING INC	$660.00	5010	1100	2221	5590	4171	13022109284	DO	6100	PA080000064	Design Coordination	91842	Engineering Consulting
AD1408040091692	5-Aug-14	6100	1	ACR0045900	ACR ENGINEERING INC	$1,000.00	5010	1100	2222	5590	4171	12071717939A	DO	6100	PA080000064	CAD Services	91842	Engineering Consulting
AD1408040091786	5-Aug-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$10,032.00	3290	1107	5748	5590	3700	13101701607	DO	1100	NC140000002	Staff Augmentation- Kim Plummer	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408040091806	5-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$526.42	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$329.21	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,795.12	5010	1100	3105	5560	3660	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407030081194	7-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407030081194	7-Jul-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407150084413	16-Jul-14	1100	1	AUS0481500	AUSTIN RIBBON & COMPUTER SUPPLIES INC	$6,223.75	5010	1100	8322	5725	9230	14030609207	DO	1100	NC140000002	Staff augmentation -Backfill Maria Archuleta-Debbie Starr	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407100082890	11-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40887	DOM	1100	NA110000035	ST121820	91438	Electrical
AD1407150084641	16-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1408160095808	18-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$616.21	3250	1107	2501	5560	3660	14080618276	DO	1100	NA120000111	Batch #1611	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250109970	26-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,372.16	3250	1107	2502	5560	3650	14091720978	DO	1100	NA120000111	Batch 1619	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$312.25	3250	1107	2599	5560	3640	MAX43153	DOM	1100	NA110000035	ST133440	91438	Electrical
AD1409250110039	26-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409250110039	26-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical
AD1409250110039	26-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical
AD1409170106724	18-Sep-14	1100	35	LUC8310706	LUCIDITY CONSULTING GROUP LP	$31,491.88	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$8,257.59	5010	1100	3708	5560	5930	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,072.73	3250	1107	2520	5560	3640	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,095.38	3250	1107	3691	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,371.76	5010	1100	3504	5560	5960	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$10,360.08	5010	1100	3708	5560	5930	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$103,818.97	5010	1100	3708	5560	5930	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,519.11	3250	1107	3631	5560	3620	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,678.25	3250	1107	2510	5560	3640	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,063.74	5010	1100	3504	5560	5830	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$597.45	3250	1107	3675	5560	3660	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1310120004141	14-Oct-13	5500	1	VS0000037094	NADAAA, Inc.	$30,608.46	3240	1107	4853	5280	3610	11092201575	CT	5500		Seaholm Substation Wall Art in Public Places (AIPP)	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1310190006545	21-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$159,780.00	3320	1107	7500	5560	3110	11072001203	CT	6100		Holly Power Plant Decommissioning - Reissue	91230	Construction, Power Plant
AD1311050012396	6-Nov-13	6100	1	STA7106205	STANLEY CONSULTANTS INC	$6,371.60	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1311050012409	6-Nov-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$163,673.00	3320	1107	7500	5560	3110	11072001203	CT	6100		Holly Power Plant Decommissioning - Reissue	91230	Construction, Power Plant
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$869.58	5010	1100	3504	5560	5940	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1402260043236	27-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$336.00	3250	1107	2502	5560	3650	MAX34590	DOM	1100	NA100000024	LANE CLOSURE on WR# 108919	98176	Traffic Control Equipment and Accessories Rental o
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$518.24	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1405220068569	23-May-14	1100	11	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$394.00	3250	1107	3107	5560	3670	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1311050012299	6-Nov-13	1100	1	APE8321977	APEX SYSTEMS INC	$760.00	3250	1107	3468	5560	3910	13091621446	DO	1100	NC130000002	Staff augmentation-Richard Surami	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403170048342	18-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$59,066.90	5010	1100	3710	5560	5710	14031009394	DO	1100	NA120000110	Batch 1528	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403130047608	14-Mar-14	1100	6	LUC8310706	LUCIDITY CONSULTING GROUP LP	$2,345.14	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407150084530	16-Jul-14	1100	2	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$7,436.13	3290	1107	5748	5590	3700	13102402009	DO	1100	NC140000002	Staff Augmentation-John Buck	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406300079971	1-Jul-14	1100	2	VS0000030362	High Performance SmarteBuilding, LLC	$20,000.00	5010	1100	1115	5280	9120	14061214949	DO	1100	NS140000014	WEB Application Subscription Services	20811	Application Software, Microcomputer
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,341.04	3230	1107	3645	5560	3530	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,158.19	3230	1107	1521	5560	3620	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,384.43	5010	1100	3710	5560	5710	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1402040037626	5-Feb-14	1100	1	APE8321977	APEX SYSTEMS INC	$14,326.00	3250	1107	3635	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,922.11	3250	1107	2501	5560	3660	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1401070030864	8-Jan-14	1100	1	VS0000035305	Bansar Technologies Inc	$15,640.00	3250	1107	3635	5560	3910	13100900992	DO	1100	NC140000002	Staff augmentation- Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403110046797	12-Mar-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$464.88	5010	1100	1105	5590	9210	11112803754	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1403110046799	12-Mar-14	6100	1	BUR0879750	BURY HOLDINGS INC	$1,290.00	3060	1107	259	5590	1211	12092422487	DO	6100	PA110000043	3rd Street Chilled Water Serv. to J.W Marriott	92517	Civil Engineering
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,480.76	5010	1100	3504	5560	5960	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,874.87	3250	1107	2501	5560	3660	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,919.12	3250	1107	2599	5560	3640	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,709.71	5010	1100	3510	5560	5941	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,214.95	3250	1107	3586	5560	3730	14021808173	DO	1100	NA110000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$408.78	5010	1100	3212	5560	5982	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1408090093732	11-Aug-14	6100	1	ACR0045900	ACR ENGINEERING INC	$4,782.00	3310	1107	5327	5590	3910	9031601079	CT	6100		Austin Energy Control Center Commissioning Services	91231	CONSTRUCTION, REMODEL & ALTERA
AD1408200097356	21-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$69.02	3250	1107	2599	5560	3640	14081518883	DO	1100	NA120000111	Batch #1615	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408180096305	19-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$895.44	3250	1107	2599	5560	3640	MAX41943	DOM	1100	NA110000035	ST131382	91438	Electrical
AD1404300062164	1-May-14	1100	2	VS0000030362	High Performance SmarteBuilding, LLC	$50,000.00	5010	1100	1115	5280	9120	14042212009	DO	1100	NS140000014	Web application subscription services	20811	Application Software, Microcomputer
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$7,540.00	3250	1107	3635	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311160015169	18-Nov-13	1100	9	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$279.00	3250	1107	3609	5560	3660	MAX34707	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,263.38	3250	1107	2123	5560	3730	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$18,487.31	3250	1107	3597	5560	3730	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,482.01	5010	1100	3504	5560	5960	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$170.25	3250	1107	2510	5560	3640	13111203148	DO	1100	NA120000111	Batch 1488	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311210019367	22-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34,100.39	5010	1100	3708	5560	5930	13111203148	DO	1100	NA120000111	Batch 1488	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004591	15-Oct-13	6100	1	STA7106205	STANLEY CONSULTANTS INC	$921.90	3230	1107	1510	5590	3520	13052014169	DO	6100	PA110000030	Austin Energy's Construction Materials Testing Services Mult	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404150057781	16-Apr-14	1100	1	HHC7001290	TEXAS CRANE SERVICES	$1,157.50	3230	1107	3645	5560	3530	MAX37683	DOM	1100	NA100000099	Crane Rental to off load poles Ckt 975	97526	Crane Rental or Lease
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,328.26	3250	1107	2599	5560	3640	14050212679	DO	1100	NA120000111	Batch 1544	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,952.98	3250	1107	3729	5560	3620	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11,133.96	5010	1100	3710	5560	5710	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1408130095259	14-Aug-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$26,055.00	5010	1100	8322	5725	9230	14022708802	DO	1100	NC140000002	Prasanth Renduchintala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088414	24-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1407230088414	24-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1407290089696	30-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$250.03	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1408300101407	2-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$9,318.47	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1401220034535	23-Jan-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$1,640.00	3250	1107	3635	5560	3910	13101101215	DO	1100	NC140000002	Staff augmentation-Abhishek Rateria	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,326.28	5010	1100	3212	5560	5982	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1408300101424	2-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$152.71	3250	1107	2599	5560	3640	MAX42206	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1401220034550	23-Jan-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$391.34	3250	1107	2520	5560	3640	14011606579	DO	1100	NA120000111	Batch 1509	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$107.29	3250	1107	2502	5560	3660	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405120065201	13-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,681.20	3250	1107	3110	5560	3660	14050612797	DO	1100	NA120000111	Batch 1545	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,606.72	3250	1107	2510	5560	3640	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,510.15	3250	1107	3732	5560	3620	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405190067263	20-May-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1405190067263	20-May-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$275.70	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,072.82	3250	1107	3445	5560	3620	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,821.60	5010	1100	3710	5560	5710	14041411545	DO	1100	NA120000110	Batch 1543	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404030054348	4-Apr-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$7,566.28	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404240060617	25-Apr-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$331.75	3250	1107	2520	5560	3640	MAX38195	DOM	1100	NA100000024	LANE CLOSURE ON WR# 120681 CAR 2113	98176	Traffic Control Equipment and Accessories Rental o
AD1312250027899	26-Dec-13	6100	1	HDR8318192	HDR ENGINEERING INC	$3,250.46	3060	1107	129	5590	1211	12083120930B	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant # 3	92517	Civil Engineering
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$956.00	5010	1100	3212	5560	5982	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109068	24-Sep-14	1100	2	ALL7119040	ALLIED CONSULTANTS INC	$14,206.50	5010	1100	8322	5725	9230	13101001069	DO	1100	NC140000002	Staff augmentation-Richard Belden	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,099.88	3250	1107	2030	5560	3640	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$78,548.47	3250	1107	2501	5560	3650	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407080081923	9-Jul-14	1100	1	THI7027395	THIELSCH ENGINEERING INC	$11,280.00	3060	1107	124	5560	1211	MAX38653	DOM	1100	NA120000033	MEC Thielsch gas transmitter install CIPA	94125	Boiler Maintenance and Repair, Steam (Including Te
AD1407080081928	9-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	29	V00000914477	PIKE ENTERPRISES INC	$1,325.52	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	33	V00000914477	PIKE ENTERPRISES INC	$70.28	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,497.15	3250	1107	2501	5560	3650	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406050072243	6-Jun-14	1100	2	LUC8310706	LUCIDITY CONSULTING GROUP LP	$3,115.77	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	96200	MISCELLANEOUS SERVICES
AD1407210087357	22-Jul-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$9,834.00	3290	1107	5748	5590	3700	13101701607	DO	1100	NC140000002	Staff Augmentation- Kim Plummer	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409230109088	24-Sep-14	1100	1	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$24,100.00	5010	1100	8322	5725	9230	14061114867	DO	1100	NC140000002	Staff augmentation-Picky Butani	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409150105634	16-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409160106223	17-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409090103978	10-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$274.56	3250	1107	2506	5560	3650	14090219939	DO	1100	NA120000111	Batch #1623	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$3,196.64	3250	1107	2501	5560	3650	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401230034920	24-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$11,849.76	3250	1107	3635	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407160085427	17-Jul-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$2,453.85	3230	1107	2933	5590	3520	13052014169	DO	6100	PA110000030	Austin Energy's Construction Materials Testing Services Mult	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406110074108	12-Jun-14	1100	1	V00000921090	GRUENE ENVIRONMENTAL COMPANIES LLP	$1,805.00	5010	1100	1307	5590	5880	14042212032	DO	1100	NA130000114	Tank Removal at ECC	92645	Hazardous Material and Waste Services
AD1406110073969	12-Jun-14	6100	1	ACR0045900	ACR ENGINEERING INC	$837.00	5010	1100	2222	5590	4171	12071717939	DO	6100	PA080000064	CAD Services	91842	Engineering Consulting
AD1406120074269	13-Jun-14	1100	1	VS0000032630	Seaholm Power Development LLC	$101,288.54	3060	1107	257	5560	1211	MAX40187	DOM	1100	NA140000052	Payment #6 Seaholm LLC invoice	91360	Construction, Water System, Main and Service Line
AD1406280079648	30-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$6,081.90	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40531	DOM	1100	NA110000035	ST128150	91438	Electrical
AD1406280079648	30-Jun-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406100073533	11-Jun-14	1100	5	WRI8303917	WRIGHT TREE SVC INC	$2,773.94	5010	1100	3708	5560	5930	14052814083	DO	1100	NA120000111	Batch #1568	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,551.86	3250	1107	2510	5560	3640	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,140.26	3250	1107	3531	5560	3620	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,036.48	5010	1100	3504	5560	5960	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1401230035001	24-Jan-14	1100	1	V00000914964	The Evolvers Group, L.P.	$19,500.00	3250	1107	3635	5590	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401150033224	16-Jan-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,505.32	3250	1107	2510	5560	3640	14011306379	DO	1100	NA120000111	Batch 1505	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$15,857.60	5010	1100	3710	5560	5710	14022508617	DO	1100	NA120000110	Batch 1514	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11,060.52	3250	1107	3105	5560	3660	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1408070093305	8-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	24	V00000914477	PIKE ENTERPRISES INC	$933.12	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$249.54	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$298.52	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11,965.04	3230	1107	1523	5560	3530	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$37,459.91	3250	1107	2500	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408190096583	20-Aug-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$160.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1409060103047	8-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$904.97	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1409060103047	8-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$574.92	5010	1100	3212	5560	5982	14082719696	DO	1100	NA110000035	Batch #1629	91438	Electrical
AD1409030102018	4-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1312250027966	26-Dec-13	1100	1	VS0000010098	Nipun Systems Inc.	$12,816.00	3250	1107	3468	5230	3910	13082119784	DO	1100	NC130000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312300028658	31-Dec-13	1100	1	ENV1756650	FERKAM MANAGEMENT CORPORATION	$4,083.16	5010	1100	1307	5590	9350	12051714279	DO	1100	NA110000155	asbetos & air monitoring services	9103820	ASBESTOS REMOVAL SERVICES
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$40,391.44	3230	1107	4294	5560	3530	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$13,369.81	3230	1107	2963	5560	3530	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,370.47	3250	1107	2502	5560	3650	14070916538	DO	1100	NA120000111	Batch #1593	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408190096678	20-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$658.42	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$1,970.46	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091702	5-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$8,060.09	3290	1107	5748	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408040091806	5-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1407310090770	1-Aug-14	6100	1	WOO7028055	URS CORP	$4,253.00	5010	1100	1307	5590	9210	14032010070	DO	6100	PA100000043	Decker Crk Power Station Tank Farm, Soil & Groundwater Inves	92535	Environmental Engineering
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,901.57	3240	1107	4964	5560	3620	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$877.56	3250	1107	2508	5560	3690	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407150084641	16-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$165.25	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$62.83	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$348.75	3250	1107	2599	5560	3640	MAX40987	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$6,987.03	3250	1107	2501	5560	3650	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,952.76	3250	1107	2502	5560	3650	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1409250109970	26-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$712.25	5010	1100	3708	5560	5930	14091720978	DO	1100	NA120000111	Batch 1619	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250109970	26-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$325.88	5010	1100	3708	5560	5930	14091720978	DO	1100	NA120000111	Batch 1619	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409250110039	26-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409170106724	18-Sep-14	1100	28	LUC8310706	LUCIDITY CONSULTING GROUP LP	$107.81	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$23,936.78	3230	1107	3645	5560	3530	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$73.58	3250	1107	2505	5560	3650	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409200107355	22-Sep-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$11,112.96	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$304.40	3250	1107	2501	5560	3650	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$608.80	3250	1107	3699	5560	3660	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,555.17	5010	1100	3708	5560	5930	13121905282	DO	1100	NA120000111	Batch 1499	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,655.20	5010	1100	3710	5560	5710	13121905287	DO	1100	NA120000110	Batch 1500	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,979.60	5010	1100	3403	5560	5930	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,471.08	3250	1107	2506	5560	3660	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,135.80	3250	1107	3586	5560	3730	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1405220068550	23-May-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$10,616.19	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$445.28	3250	1107	3633	5560	3620	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,454.82	3250	1107	3694	5560	3660	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$23,469.05	3230	1107	4284	5560	3530	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,624.90	3250	1107	2501	5560	3660	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$531.57	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,767.65	3250	1107	2506	5560	3660	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$103,100.08	3250	1107	2520	5560	3640	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$30,811.43	3250	1107	3586	5560	3730	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,123.35	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,080.34	3250	1107	3639	5560	3620	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,853.06	3250	1107	3597	5560	3730	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1407010080198	2-Jul-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$173.08	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$658.41	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1407010080198	2-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1406210077281	23-Jun-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$21,208.88	3060	1107	312	5590	1211	13123105633	DO	6100	PA130000018	Green Water Treatment CW Pipe Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1402060038427	7-Feb-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$14,560.00	3250	1107	3468	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403130047608	14-Mar-14	1100	5	LUC8310706	LUCIDITY CONSULTING GROUP LP	$13,400.80	3250	1107	3635	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$458.43	5010	1100	3212	5560	5982	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,722.60	3250	1107	2505	5560	3650	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$20,778.12	5010	1100	3215	5560	5982	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403050044932	6-Mar-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$342.75	5010	1100	1307	5590	9210	12062116487	DO	6100	PA080000085	Holly Sediment Project	92535	Environmental Engineering
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$547.04	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$522.46	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$385.29	5010	1100	3415	5560	5700	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$24,441.23	3250	1107	2510	5560	3640	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$875.94	5010	1100	3504	5560	5880	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1407290089732	30-Jul-14	1100	1	VS0000034209	Soal Technologies, LLC.	$2,016.00	5010	1100	8322	5725	9230	14050913054	DO	1100	NC140000002	Staff augmentation - Edward Stevens	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063535	7-May-14	1100	1	V00000911092	EKHP Consulting LLC	$15,960.00	3250	1107	3468	5560	3910	13101001039	DO	1100	NC140000002	Staff augumentation-Ravinder Saukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$13,400.00	3250	1107	3480	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405170066898	19-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$21,521.62	5010	1100	3711	5590	5880	13090620830	DO	6100	PA110000030	Interconnect Studies Support	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$516.75	5010	1100	3212	5560	5982	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1404100056617	11-Apr-14	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$18,000.00	3290	1107	5745	5560	3910	14022708792	DO	1100	NC140000003	cabling services SCC	9621826	COMPUTER CABLE INSTALLATION
AD1404220059877	23-Apr-14	6100	1	ACR0045900	ACR ENGINEERING INC	$900.00	3060	1107	308	5590	1211	13071217328	DO	6100	PA080000064	AE Chilled Water Svc. Connections to COA Library Mech Room	91842	Engineering Consulting
AD1405060063736	7-May-14	1100	1	VC0000103534	SOLAR WORKS LLC	$4,500.00	3120	1107	7624	5560	3440	12082101292	CT	1100		Photovoltaic System Installation at Palmer Event Center	29082	Solar Energy Systems, Complete
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$276.98	3250	1107	2505	5560	3660	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$680.64	5010	1100	3212	5560	5982	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1408180096292	19-Aug-14	1100	2	TEX8311381	TEXAS GOVLINK INC	$10,237.04	3290	1107	5760	5725	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$71,907.33	3250	1107	3110	5560	3660	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,936.96	5010	1100	3710	5560	5941	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1404230060236	24-Apr-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$19,543.44	3250	1107	3480	5560	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310300010767	31-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$608.80	3250	1107	2510	5560	3640	13102502147	DO	1100	NA120000111	Batch 1481	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$306.45	3250	1107	3455	5560	3620	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401060030138	7-Jan-14	1100	2	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$12,866.25	3250	1107	3468	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$23,341.95	5010	1100	3708	5560	5930	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,086.39	3250	1107	2508	5560	3690	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,795.19	3250	1107	3110	5560	3660	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407230088414	24-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1407290089696	30-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX41325	DOM	1100	NA110000035	ST121893	91438	Electrical
AD1401080031091	9-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$3,040.00	3250	1107	3468	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409150105610	16-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$8,142.47	3230	1107	1525	5590	3520	13112604076	DO	6100	PA110000030	Garfield GF Yard Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1408300101424	2-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1408300101424	2-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$105.42	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$15,855.01	5010	1100	3504	5560	5960	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$473.97	3250	1107	3107	5560	3670	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1311120014344	13-Nov-13	1100	1	VS0000019899	National Human Resource Group, Inc.	$12,824.38	5010	1100	8321	5280	9230	13061715907	DO	1100	NC130000002	Staff augmentation-Lou Marco	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404070055289	8-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$524.20	3250	1107	2501	5560	3660	14032510347	DO	1100	NA120000111	Batch 1536	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$16,341.09	3250	1107	2501	5560	3660	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1409230109061	24-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,297.17	5010	1100	3708	5560	5930	14091720981	DO	1100	NA120000111	Batch #1630	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,610.22	3250	1107	2505	5560	3660	14042111920	DO	1100	NA110000035	Batch 1547	91438	Electrical
AD1407080081928	9-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$93.92	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$721.74	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	28	V00000914477	PIKE ENTERPRISES INC	$2,008.18	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	36	V00000914477	PIKE ENTERPRISES INC	$1,803.78	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,512.80	5010	1100	3504	5560	5960	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406050072236	6-Jun-14	1100	9	ASP7019530	ASPLUNDH TREE EXPERT CO	$93,269.67	5010	1100	3708	5560	5930	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406230077842	24-Jun-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,573.84	3250	1107	2501	5560	3650	14061114909	DO	1100	NA120000111	Batch #1578	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406230077842	24-Jun-14	1100	6	WRI8303917	WRIGHT TREE SVC INC	$1,112.54	3250	1107	3763	5560	3660	14061114909	DO	1100	NA120000111	Batch #1578	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081910	9-Jul-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$348.50	3250	1107	3723	5560	3660	MAX39406	DOM	1100	NA100000024	TRAFFIC FOR N-LINE	98176	Traffic Control Equipment and Accessories Rental o
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$244.41	3250	1107	2501	5560	3660	14092321352	DO	1100	NA120000111	Batch 1645	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409150105634	16-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409160106223	17-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1409240109442	25-Sep-14	1100	2	DAM7098840	DAMAN CONSULTING INC	$752.00	3290	1107	5745	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,020.27	3250	1107	2599	5560	3640	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$495.49	5010	1100	3212	5560	5982	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409150105535	16-Sep-14	1100	15	LUC8310706	LUCIDITY CONSULTING GROUP LP	$876.40	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085447	17-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,052.83	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1407160085447	17-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1407160085447	17-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1407080081901	9-Jul-14	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$147.00	5010	1100	3504	5560	5930	MAX40454	DOM	1100	S060166	LCRA Invoice T4M-0011204	96148	Laboratory and Field Testing Services (Not Otherwi
AD1406280079648	30-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$764.88	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406280079648	30-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$154.06	3250	1107	2599	5560	3640	MAX40531	DOM	1100	NA110000035	ST128150	91438	Electrical
AD1407050081204	8-Jul-14	1100	1	VS0000032630	Seaholm Power Development LLC	$122,769.02	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA110000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$149.26	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1405270069524	28-May-14	1100	6	WRI8303917	WRIGHT TREE SVC INC	$270.40	5010	1100	3708	5560	5930	14051613496	DO	1100	NA120000111	Batch #1563	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405270069524	28-May-14	1100	10	WRI8303917	WRIGHT TREE SVC INC	$3,598.65	3250	1107	2599	5560	3640	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407220088145	23-Jul-14	1100	1	V00000906918	WhitakerIT LLC	$4,465.50	5010	1100	8322	5725	9230	14050712870	DO	1100	NC140000002	Staff augmentation- Matthew Pecorano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406100073533	11-Jun-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$643.36	3250	1107	2501	5560	3650	14052814083	DO	1100	NA120000111	Batch #1568	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407120083595	14-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1407120083595	14-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1407120083595	14-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$7,298.28	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1401220034665	23-Jan-14	1100	1	VS0000035305	Bansar Technologies Inc	$13,600.00	3250	1107	3635	5560	3910	13100900992	DO	1100	NC140000002	Staff augmentation- Ravi Kiran	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$272.52	5010	1100	3212	5560	5982	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1401220034662	23-Jan-14	1100	1	VS0000029388	J. Stowe & Co., LLC	$13,887.21	5010	1100	8312	5280	9230	14011306360	DO	1100	NA100000128	Final balance of retainge; Task Order C6	91826	Communications: Public Relations Consulting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1401230034967	24-Jan-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$11,858.00	3250	1107	3468	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,696.62	3250	1107	3586	5560	3730	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,983.62	3250	1107	2501	5560	3660	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$982.14	3250	1107	2510	5560	3640	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402030037222	4-Feb-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$50,920.48	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon Phase 2 - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,567.85	3230	1107	1517	5560	3530	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1408070093243	8-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,274.17	3230	1107	4286	5560	3530	14073017843	DO	1100	NA120000110	Batch #1607	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093305	8-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$581.26	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41351	DOM	1100	NA110000035	ST129902	91438	Electrical
AD1408070093305	8-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,305.54	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1408070093305	8-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$275.70	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1408070093305	8-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42147	DOM	1100	NA110000035	ST131691	91438	Electrical
AD1409020101712	3-Sep-14	1100	33	V00000914477	PIKE ENTERPRISES INC	$482.51	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,479.65	3250	1107	2510	5560	3640	14060514588	DO	1100	NA110000035	Batch 1573	91438	Electrical
AD1405270069401	28-May-14	1100	3	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,110.22	3250	1107	2503	5560	3640	14051513380	DO	1100	NA120000111	Batch #1557	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409020101712	3-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1408210097690	22-Aug-14	6100	1	WOO7028055	URS CORP	$12,052.75	5010	1100	1307	5590	9210	14032010070	DO	6100	PA100000043	Decker Crk Power Station Tank Farm, Soil & Groundwater Inves	92535	Environmental Engineering
AD1408190096522	20-Aug-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$2,560.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$460.38	5010	1100	3504	5560	5960	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1312250027958	26-Dec-13	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$17,290.00	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312300028658	31-Dec-13	1100	1	ENV1756650	FERKAM MANAGEMENT CORPORATION	$2,465.00	5010	1100	1307	5590	9350	12051714279	DO	1100	NA110000155	asbetos & air monitoring services	9103820	ASBESTOS REMOVAL SERVICES
AD1312300028722	31-Dec-13	1100	1	VS0000019899	National Human Resource Group, Inc.	$798.75	5010	1100	8321	5280	9230	13061715907	DO	1100	NC130000002	Staff augmentation-Lou Marco	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409030102018	4-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$16.25	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1408190096678	20-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$327.06	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$308.16	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408190096678	20-Aug-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$216.59	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091860	5-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,074.11	3250	1107	2506	5560	3650	14073117972	DO	1100	NA120000111	Batch #1608	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091806	5-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX41572	DOM	1100	NA110000035	ST131342	91438	Electrical
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,202.40	5010	1100	3708	5560	5930	14070916538	DO	1100	NA120000111	Batch #1593	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408280100631	29-Aug-14	1100	2	ABD7148105	RITA ABDELADIM	$14,432.00	3290	1107	5748	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409250110039	26-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$608.19	3250	1107	2520	5560	3640	MAX43154	DOM	1100	NA110000035	ST129131	91438	Electrical
AD1409250110039	26-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX43152	DOM	1100	NA110000035	ST132433	91438	Electrical
AD1409250110039	26-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1409180107128	19-Sep-14	1100	1	IBM2470000	INTERNATIONAL BUSINESS MACHINES CORPORATION	$156.00	5010	1100	8322	5725	9230	14041011446	DO	1100	NC140000002	Data Power Consultant to assist with Data Power migration	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$240.24	3250	1107	2502	5560	3660	14091220655	DO	1100	NA120000111	Batch 1633	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$26,850.17	5010	1100	3710	5560	5710	14091220660	DO	1100	NA120000111	Batch #1634	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106724	18-Sep-14	1100	24	LUC8310706	LUCIDITY CONSULTING GROUP LP	$19,300.10	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	33	LUC8310706	LUCIDITY CONSULTING GROUP LP	$118.72	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,273.60	3250	1107	2508	5560	3690	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$871.36	3250	1107	3693	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$11,794.37	5010	1100	3510	5560	5941	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1310210006881	22-Oct-13	1100	1	UNI4905750	UNIVERSITY OF TEXAS AT AUSTIN	$30,000.00	5010	1100	2490	5280	9100	13022209384	DO	1100	NI120000008	Second year of Inter-Local Agreement	91841	Energy Conservation Consulting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$734.12	3250	1107	2505	5560	3650	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,030.23	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014635	14-Nov-13	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$6,020.00	5010	1100	1302	5620	9210	13110102546	DO	5700	PA140000006	NAES Corporation v COA	96149	Legal Services, Attorneys
AD1310230007704	24-Oct-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$896.50	5010	1100	1307	5590	9230	12042612831A	DO	6100	PA080000085	Crescent Track Project	92535	Environmental Engineering
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$456.96	3250	1107	3107	5560	3670	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1407100082890	11-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407100082890	11-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$1,000.12	3250	1107	2599	5560	3640	MAX40887	DOM	1100	NA110000035	ST121820	91438	Electrical
AD1407150084641	16-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$290.63	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$327.96	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$557.28	5010	1100	3212	5560	5982	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084702	16-Jul-14	1100	7	WRI8303917	WRIGHT TREE SVC INC	$4,398.66	5010	1100	3708	5560	5930	14070716331	DO	1100	NA120000111	Batch #1589	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402060038521	7-Feb-14	1100	1	V00000911092	EKHP Consulting LLC	$16,530.00	3250	1107	3468	5560	3910	13101001039	DO	1100	NC140000002	Staff augumentation-Ravinder Saukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402260043236	27-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$381.75	5010	1100	3212	5560	5982	MAX36749	DOM	1100	NA100000024	WR# 114411 @ 6800 BURNET RD RT LANE CLOSURE	98176	Traffic Control Equipment and Accessories Rental o
AD1310050002050	7-Oct-13	1100	1	APE8321977	APEX SYSTEMS INC	$3,770.80	3250	1107	3675	5590	3700	13080718873	DO	1100	NC130000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310080002846	9-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,216.85	3230	1107	1510	5560	3530	MAX25481	DOM	1100	NA100000026	CONTRACT SERVICES	91232	Construction, Street Lighting
AD1406210077249	23-Jun-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,035.10	5010	1100	3710	5560	5710	14060914683	DO	1100	NA120000110	Batch #1575	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405220068580	23-May-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$741.99	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1407010080198	2-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1406300079923	1-Jul-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$13,018.93	5010	1100	1307	5590	9210	13050213134	DO	6100	PA100000043	Air Quality Permitting for AE's Facilities - Additiional Svr	92535	Environmental Engineering
AD1402100038885	11-Feb-14	6100	6	STA7106205	STANLEY CONSULTANTS INC	$4,587.55	3240	1107	4953	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,289.90	3250	1107	2520	5560	3640	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$408.78	5010	1100	3212	5560	5982	14012707038	DO	1100	NA110000035	Batch 1512	91438	Electrical
AD1407030081120	7-Jul-14	1100	10	LUC8310706	LUCIDITY CONSULTING GROUP LP	$5,695.34	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407030081120	7-Jul-14	1100	14	LUC8310706	LUCIDITY CONSULTING GROUP LP	$13,055.95	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,481.90	3250	1107	2505	5560	3650	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,061.30	3250	1107	2510	5560	3640	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,105.50	5010	1100	3504	5560	5960	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$66.00	3230	1107	2960	5560	3530	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,923.84	3250	1107	2506	5560	3660	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$12,667.42	3250	1107	3446	5560	3730	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403050044943	6-Mar-14	1100	1	V00000909300	Juliee Beyt	$562.50	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1403050044943	6-Mar-14	1100	1	V00000909300	Juliee Beyt	$850.00	5010	1100	2437	5280	9070	12083101342	CT	1100		Green Bld Rating-Consultant	91800	CONSULTING SERVICES
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,076.31	3230	1107	1517	5560	3530	14030509182	DO	1100	NA100000026	Batch 1524	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$918.71	3250	1107	2123	5560	3640	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1407150084612	16-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$9,557.40	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$794.08	5010	1100	3212	5560	5982	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1408090093732	11-Aug-14	6100	1	ACR0045900	ACR ENGINEERING INC	$15,484.00	3310	1107	5327	5590	3910	9031601079	CT	6100		Austin Energy Control Center Commissioning Services	91231	CONSTRUCTION, REMODEL & ALTERA
AD1310190006575	21-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,959.70	3250	1107	2501	5560	3660	13100800910	DO	1100	NA120000111	Batch 1476	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311160015169	18-Nov-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$275.75	3250	1107	2510	5560	3640	MAX33254	DOM	1100	NA100000024	LANE CLOSURE FOR WR# 102710 @ 1500 FERGUSON LN	98176	Traffic Control Equipment and Accessories Rental o
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,311.20	5010	1100	3504	5560	5960	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1408180096192	19-Aug-14	1100	1	VS0000032630	Seaholm Power Development LLC	$115,808.31	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$877.89	3230	1107	1522	5560	3530	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$547.04	5010	1100	3504	5560	5960	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,032.04	5010	1100	3504	5560	5960	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405010062393	2-May-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$15,960.00	3250	1107	3635	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405140066009	15-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$5,281.64	5010	1100	3708	5560	5930	14050712890	DO	1100	NA120000111	Batch #1556	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408180096270	19-Aug-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$11,939.76	5010	1100	8322	5725	9230	14043012490	DO	1100	NC140000002	Staff augmentation-Jose L Garcia	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$229.80	3230	1107	2955	5560	3530	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$596.98	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$403.39	3250	1107	3106	5560	3670	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1407230088414	24-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$630.72	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,211.16	3250	1107	3691	5560	3620	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,355.07	3250	1107	3446	5560	3730	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1402050037993	6-Feb-14	1100	1	TEC4570250	TECHLINE INC	$2,916.00	3250	1107	3446	5590	3730	MAX36523	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 21	28576	Street Lighting Luminaires, Accessories and Parts
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$2,628.12	3250	1107	3729	5560	3620	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403250051492	26-Mar-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$401.25	3250	1107	3105	5560	3660	MAX37961	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1404160058188	17-Apr-14	5700	1	WES8305952	CLARENCE A. WEST	$75.00	5010	1100	1302	5620	9210	13072217806	DO	5700	PA130000060	Telecommunication	96149	Legal Services, Attorneys
AD1405080064534	9-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$1,713.60	5010	1100	3514	5280	5983	12030910023	DO	6100	PA110000030	CAD Support Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1409150105582	16-Sep-14	1100	2	MET7046770	METALINK CORP	$315.00	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1408300101421	2-Sep-14	1100	3	V00000907134	Randstad North America, L.P.	$5,475.00	5010	1100	8324	5725	9230	13101401379	DO	1100	NC140000002	Staff Agumentation-Aaron Williams	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409100104591	11-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$11,437.50	3290	1107	5745	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$37,669.06	3230	1107	1521	5560	3530	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$857.20	5010	1100	3212	5560	5982	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057238	15-Apr-14	1100	1	KEM7155110	KEMA INCORPORATED	$90,580.00	3250	1107	3463	5590	3690	MAX34007	DOM	1100	NA090000048	KEMA - Enterprise Data Warehouse/Analytics Analysis	2088201	GIS SOFTWARE PRE-PACKAGED
AD1404140057275	15-Apr-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$15,200.00	3250	1107	3635	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405130065783	14-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$29,631.61	3250	1107	3446	5560	3730	14050112572	DO	1100	NA110000035	Batch 1552	91438	Electrical
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$220.86	5010	1100	3403	5560	5940	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1409080103715	9-Sep-14	1100	1	WOR8311005	RONALD GILDEN MARKS	$570.00	5010	1100	1121	5280	9230	14051313203	DO	1100	NA130000162	Pay invoices for services performed.	93921	Computers, Data Processing Equipment, Maintenance and Repair
AD1405190067263	20-May-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$989.32	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1405190067263	20-May-14	1100	23	V00000914477	PIKE ENTERPRISES INC	$92.41	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$24,533.60	3250	1107	2520	5560	3640	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$17,552.30	3240	1107	4962	5560	3530	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,808.52	3250	1107	3586	5560	3730	14040911307	DO	1100	NA110000035	Batch 1537	91438	Electrical
AD1407080081928	9-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$186.50	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1310140004570	15-Oct-13	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$730.00	5010	1100	3504	5560	5930	MAX33897	DOM	1100	S060166	Lcra Testing Invoice T4M0010728	96148	Laboratory and Field Testing Services (Not Otherwi
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$259.12	5010	1100	3212	5560	5982	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,158.25	3250	1107	2500	5560	3530	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$274.56	3250	1107	2124	5560	3730	14092321352	DO	1100	NA120000111	Batch 1645	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110836	30-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$519.06	3250	1107	2510	5560	3640	14092321352	DO	1100	NA120000111	Batch 1645	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409150105634	16-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX42847	DOM	1100	NA110000035	ST123110	91438	Electrical
AD1409160106223	17-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$567.62	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$494.66	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1409160106223	17-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$406.88	3250	1107	2599	5560	3640	MAX42713	DOM	1100	NA110000035	ST127040	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,439.90	5010	1100	3504	5560	5960	14071016611	DO	1100	NA110000035	Batch 1595	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$10,517.90	3250	1107	3446	5560	3730	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406190076436	20-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,991.51	5010	1100	3212	5560	5982	14052313907	DO	1100	NA110000035	Batch 1565	91438	Electrical
AD1406050072236	6-Jun-14	1100	4	ASP7019530	ASPLUNDH TREE EXPERT CO	$68.10	3250	1107	2520	5560	3640	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406050072236	6-Jun-14	1100	10	ASP7019530	ASPLUNDH TREE EXPERT CO	$48,278.60	5010	1100	3708	5560	5930	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$13,900.00	3290	1107	5747	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085447	17-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$432.48	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1408190096705	20-Aug-14	5500	3	VS0000037094	NADAAA, Inc.	$37,409.75	3240	1107	4853	5280	3610	11092201575	CT	5500		NADAAA Inc.	96207	Arts Services (Cultural, Design, Visual, etc.)
AD1408020091176	4-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,210.68	3250	1107	2500	5560	9210	14072517594	DO	1100	NA120000111	Batch #1601	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407210087398	22-Jul-14	1100	2	VS0000010098	Nipun Systems Inc.	$15,842.00	3290	1107	5745	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401220034594	23-Jan-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$14,400.00	3250	1107	3468	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406020071111	3-Jun-14	6100	1	VS0000017696	AUSTIN CONSTRUCTORS LLC	$60,627.60	3060	1107	129	5560	1211	13102800048	CT	6100		Crescent Tract Utilities for Chilled Water Services	91360	Construction, Water System, Main and Service Line
AD1407070081697	9-Jul-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$248.64	5010	1100	3708	5560	5930	14062515739	DO	1100	NA120000111	Batch #1588	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406110073971	12-Jun-14	6100	2	ACR0045900	ACR ENGINEERING INC	$440.00	3060	1107	126	5590	1211	12120604704	DO	6100	PA080000064	CW Pipe Construction for Distribution System	91842	Engineering Consulting
AD1406110074003	12-Jun-14	1100	8	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,725.93	5010	1100	3708	5560	5930	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079648	30-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$270.30	3250	1107	2599	5560	3640	MAX40531	DOM	1100	NA110000035	ST128150	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX39842	DOM	1100	NA110000035	ST 125762	91438	Electrical
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1406120074383	13-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1406170075695	18-Jun-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$386.50	3250	1107	3594	5560	3670	MAX40204	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407120083595	14-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$455.35	3250	1107	2599	5560	3640	14022608726	DO	1100	NA110000035	Batch 1523	91438	Electrical
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,512.28	3250	1107	3729	5560	3620	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408070093212	8-Aug-14	1100	3	APE8321977	APEX SYSTEMS INC	$9,888.07	3290	1107	5749	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408070093305	8-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$105.12	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1408070093305	8-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$1,033.89	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$655.92	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1409020101712	3-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3640	MAX42410	DOM	1100	NA110000035	ST131610	91438	Electrical
AD1406250078840	26-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,427.99	3250	1107	3586	5560	3730	14061114905	DO	1100	NA110000035	Batch 1576	91438	Electrical
AD1408210097746	22-Aug-14	1100	1	V00000906918	WhitakerIT LLC	$2,012.50	5010	1100	8327	5725	9230	14062515723	DO	1100	NC140000002	DPA14-142GODIRECT- Anthony Clary	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$708.45	3250	1107	3747	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1312090024063	10-Dec-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$3,608.75	3250	1107	3602	5560	3620	MAX35301	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$14,505.74	3250	1107	3446	5560	3730	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312090024078	10-Dec-13	1100	2	TEC4570250	TECHLINE INC	$6,195.00	3250	1107	3446	5590	3730	MAX35289	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 19	28576	Street Lighting Luminaires, Accessories and Parts
AD1409030102018	4-Sep-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1409030102030	4-Sep-14	1100	4	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$14,678.00	5010	1100	8322	5725	9230	13101101215	DO	1100	NC140000002	Staff augmentation-Abhishek Rateria	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408190096678	20-Aug-14	1100	32	V00000914477	PIKE ENTERPRISES INC	$6,843.81	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091860	5-Aug-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$11,527.47	5010	1100	3708	5560	5930	14073117972	DO	1100	NA120000111	Batch #1608	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091806	5-Aug-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$540.60	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$141.39	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$877.88	3250	1107	2599	5560	3640	MAX41575	DOM	1100	NA110000035	ST130552	91438	Electrical
AD1407090082265	10-Jul-14	1100	2	ABD7148105	RITA ABDELADIM	$13,776.00	3290	1107	5748	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409250110039	26-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX43016	DOM	1100	NA110000035	ST129132	91438	Electrical
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,825.74	3250	1107	2037	5560	3640	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,595.14	3250	1107	2501	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,277.37	3250	1107	2506	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$47,344.34	3250	1107	3110	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$336.24	3250	1107	2506	5560	3650	13121905282	DO	1100	NA120000111	Batch 1499	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402110039181	12-Feb-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$453.28	3250	1107	2508	5560	3690	14012306954	DO	1100	NA120000111	Batch 1507	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402010036889	3-Feb-14	1100	1	ABD7148105	RITA ABDELADIM	$148.14	3250	1107	3635	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$584.73	5010	1100	3212	5560	5982	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,516.66	3230	1107	2955	5560	3530	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,415.67	3250	1107	3693	5560	3620	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$852.13	5010	1100	3504	5560	5840	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$933.68	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014675	14-Nov-13	1100	1	THI7027395	THIELSCH ENGINEERING INC	$26,670.00	3220	1107	8010	5560	3410	MAX31687	DOM	1100	NA120000033	MEC replace masonry wall CIPB	94125	Boiler Maintenance and Repair, Steam (Including Te
AD1311060012744	7-Nov-13	1100	1	VS0000018887	VOICE PRODUCTS, INC.	$2,250.00	5010	1100	8324	5560	9230	13110400621	PO	1100		Voice equipment move out of ECC	96256	Moving Services
AD1406160075195	17-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,931.95	3240	1107	4960	5560	3620	14061114904	DO	1100	NA100000026	Batch 1577	91232	Construction, Street Lighting
AD1407100082890	11-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40887	DOM	1100	NA110000035	ST121820	91438	Electrical
AD1407150084641	16-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$164.88	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$660.21	3250	1107	2599	5560	3640	MAX40733	DOM	1100	NA110000035	ST121710	91438	Electrical
AD1407150084641	16-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$344.56	5010	1100	3212	5560	5982	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084702	16-Jul-14	1100	2	WRI8303917	WRIGHT TREE SVC INC	$758.68	5010	1100	2510	5560	3640	14070716331	DO	1100	NA120000111	Batch #1589	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407150084702	16-Jul-14	1100	6	WRI8303917	WRIGHT TREE SVC INC	$67.60	5010	1100	3212	5560	5982	14070716331	DO	1100	NA120000111	Batch #1589	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310030001567	4-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$16,469.42	3230	1107	1518	5560	3530	13092722409	DO	1100	NA100000026	Batch 1470	91232	Construction, Street Lighting
AD1310050002167	7-Oct-13	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$22,781.36	5010	1100	1314	5280	9210	13032110838	DO	1100	NC130000002	Staff Augmentation - Craig George	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310070002541	8-Oct-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$621.00	3250	1107	3106	5560	3670	MAX33140	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1309300000235	1-Oct-13	1100	2	FRO8315424	FRONTIER ASSOCIATES L L C	$1,737.50	5010	1100	2437	5280	9100	12031410281	DO	1100	NA080000129	ASP Hosted Services & Operational Enhancements	20811	Application Software, Microcomputer
AD1310190006522	21-Oct-13	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$20,716.28	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1405220068569	23-May-14	1100	4	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$174.50	3250	1107	3594	5560	3670	MAX39537	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1405220068576	23-May-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$300.00	3230	1107	3670	5590	3520	13091121226	DO	6100	PA110000030	Lytton Springs LY Bus & Yard Upgrades	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1405220068580	23-May-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1407010080198	2-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1402130039923	14-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,414.83	3230	1107	2854	5560	3530	14012707020	DO	1100	NA100000026	Batch 1511	91232	Construction, Street Lighting
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$55,555.89	3230	1107	4287	5560	3530	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$55,678.49	3250	1107	2510	5560	3640	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1401020029373	3-Jan-14	6100	1	DPR8302563	DPR CONSTRUCTION INC	$45,414.08	3310	1107	5327	5560	3910	0907290178l-02	CT	6100		Austin Energy New Energy Control Ctr. - Site Facilitization	95826	Construction Management Services
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$23,154.18	3250	1107	2123	5560	3730	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,211.78	3250	1107	2124	5560	3730	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1311050012299	6-Nov-13	1100	1	APE8321977	APEX SYSTEMS INC	$14,326.00	3250	1107	3635	5590	3700	13071017216	DO	1100	NC130000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310150005219	16-Oct-13	1100	6	MET7046770	METALINK CORP	$973.00	3290	1107	5313	5560	3900	13092522272	DO	1100	NA080000138	Fencing Installation and repair Services	98815	Fence Installation and Repair
AD1401130032520	14-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$862.84	3250	1107	2501	5560	3660	14010705954	DO	1100	NA110000035	Batch 1501	91438	Electrical
AD1402270043655	28-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$391.75	3250	1107	3652	5560	3660	MAX35720	DOM	1100	NA100000024	TRAFFIC CONTROL INLINE 1000 S LAMAR WR 95869	98176	Traffic Control Equipment and Accessories Rental o
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$868.77	3250	1107	2500	5560	3620	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,813.55	3250	1107	2510	5560	3640	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1402050037898	6-Feb-14	1100	1	ABD7148105	RITA ABDELADIM	$13,120.00	3250	1107	3635	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$275.64	5010	1100	3212	5560	5982	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1310300010767	31-Oct-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$130,216.37	5010	1100	3708	5560	5930	13102502147	DO	1100	NA120000111	Batch 1481	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,792.08	3230	1107	4255	5560	3530	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1403060045438	7-Mar-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$16,800.00	3250	1107	3468	5560	3910	13100700706	DO	1100	NC140000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408090093752	11-Aug-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$23,000.00	5010	1100	8322	5725	9230	14040811223	DO	1100	NC140000002	Staff augmentation-Dwight Mendes	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402050037959	6-Feb-14	1100	2	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$91.25	3250	1107	3468	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404220059871	23-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,196.42	3240	1107	4964	5560	3620	14041611726	DO	1100	NA100000026	Batch 1546	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1408180096283	19-Aug-14	6100	1	SJL8312932	S J LOUIS CONSTRUCTION OF TEXAS LTD	$326,785.68	3060	1107	284	5560	1211	14013000265	CT	6100		E 5th St Chilled Water Piping, San Jacinto to Red River Ph 2	91340	Construction, Pipeline
AD1407230088378	24-Jul-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$23,000.00	5010	1100	8322	5725	9230	14040811223	DO	1100	NC140000002	Staff augmentation-Dwight Mendes	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096292	19-Aug-14	1100	3	TEX8311381	TEXAS GOVLINK INC	$10,120.71	3290	1107	5761	5725	3910	13100300504	DO	1100	NC140000002	Staff augmentation-Ray Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX41931	DOM	1100	NA1100000035	ST130551	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$51,837.20	3230	1107	1523	5560	3530	14072317431	DO	1100	NA1000000026	Batch 1605	91232	Construction, Street Lighting
AD1408180096325	19-Aug-14	1100	2	VS0000019899	National Human Resource Group, Inc.	$5,057.50	5010	1100	8323	5725	9230	13100100259	DO	1100	NC140000002	Staff augmentation-Cullen Lisbony	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408130095259	14-Aug-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$26,790.00	3290	1107	5745	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088414	24-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA1100000035	ST121831	91438	Electrical
AD1407230088414	24-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$441.84	3250	1107	2599	5560	3650	MAX41022	DOM	1100	NA1100000035	ST123360	91438	Electrical
AD1408180096335	19-Aug-14	1100	1	VS0000034209	Soal Technologies, LLC.	$4,032.00	5010	1100	8322	5725	9230	14050913054	DO	1100	NC140000002	Staff augmentation - Edward Stevens	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,110.13	3250	1107	2505	5560	3660	14021808173	DO	1100	NA1100000035	Batch 1519	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,144.00	3250	1107	2506	5560	3650	14021207997	DO	1100	NA1100000035	Batch 1516	91438	Electrical
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$23,629.89	5010	1100	3708	5560	5930	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$138,442.26	5010	1100	3708	5560	5930	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402190041316	20-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$319.25	3250	1107	2505	5560	3650	MAX34480	DOM	1100	NA1000000024	ROAD CLOSURE ON WR # 95670	98176	Traffic Control Equipment and Accessories Rental o
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$3,200.00	3250	1107	3480	5560	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088430	24-Jul-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$20,160.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088430	24-Jul-14	1100	2	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$12,012.00	3290	1107	5745	5560	3910	13101001131	DO	1100	NC140000002	Staff augumentation-Zara Soloff	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$275.64	5010	1100	3504	5560	5960	14031409764	DO	1100	NA1100000035	Batch 1530	91438	Electrical
AD1404170058535	18-Apr-14	1100	1	TEC4570250	TECHLINE INC	$7,495.75	3250	1107	3446	5560	3730	MAX38561	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 22	28576	Street Lighting Luminaires, Accessories and Parts
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$10,419.05	5010	1100	3708	5560	5930	14050212679	DO	1100	NA120000111	Batch 1544	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402030037271	4-Feb-14	1100	1	V00000914964	The Evolvers Group, L.P.	$158.95	3250	1107	3635	5590	3910	13102201871	DO	1100	NC140000002	Staff augmentation-Irshad James	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401220034550	23-Jan-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$28,606.41	5010	1100	3708	5560	5930	14011606586	DO	1100	NA120000111	Batch 1506	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408300101424	2-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA1100000035	ST126610	91438	Electrical
AD1408300101424	2-Sep-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$3,243.60	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA1100000035	ST126610	91438	Electrical
AD1408300101424	2-Sep-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$1,824.57	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA1100000035	ST126610	91438	Electrical
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$35,084.71	5010	1100	3708	5560	5930	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$12,363.29	3250	1107	3110	5560	3660	14040711145	DO	1100	NA1000000026	Batch 1540	91232	Construction, Street Lighting
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$21,175.67	3250	1107	3669	5560	3620	14040711145	DO	1100	NA1000000026	Batch 1540	91232	Construction, Street Lighting
AD1404120057032	14-Apr-14	6100	2	STA7106205	STANLEY CONSULTANTS INC	$22,098.16	3240	1107	4964	5590	3690	13120304268	DO	6100	PA110000030	Hamilton HM-123 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1404080055748	9-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$35,150.96	5010	1100	3708	5560	5930	14040310923	DO	1100	NA120000111	Batch 1534	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409040102261	5-Sep-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$13,783.00	3290	1107	5745	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$135.20	3250	1107	2506	5560	3650	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405050063156	6-May-14	1100	1	APE8321977	APEX SYSTEMS INC	$15,912.50	3250	1107	3468	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404070055289	8-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,927.90	5010	1100	3708	5560	5930	14032510347	DO	1100	NA120000111	Batch 1536	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$820.95	5010	1100	3212	5560	5982	14040911307	DO	1100	NA1100000035	Batch 1537	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$34,284.48	3250	1107	2510	5560	3640	14042111920	DO	1100	NA1100000035	Batch 1547	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$89,230.42	3250	1107	2520	5560	3640	14042111920	DO	1100	NA1100000035	Batch 1547	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$805.86	5010	1100	3212	5560	5982	14042111920	DO	1100	NA1100000035	Batch 1547	91438	Electrical
AD1405030062905	5-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,335.91	5010	1100	3212	5560	5982	14042111920	DO	1100	NA1100000035	Batch 1547	91438	Electrical
AD1407080081928	9-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$216.25	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA1100000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	39	V00000914477	PIKE ENTERPRISES INC	$3,649.14	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA1100000035	ST125761	91438	Electrical
AD1311190017522	20-Nov-13	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$11,830.00	5010	1100	8321	5280	9230	13070817072	DO	1100	NC130000002	Staff augmentation-Mike O'Connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$8,158.73	5010	1100	3708	5560	5930	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,851.14	3230	1107	2854	5560	3530	13111503398	DO	1100	NA1000000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$956.29	5010	1100	3212	5560	5982	13111503398	DO	1100	NA1000000026	Batch 1491	91232	Construction, Street Lighting
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,277.51	3250	1107	2502	5560	3650	13103102506	DO	1100	NA1100000035	Batch1482	91438	Electrical
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$13,885.63	3250	1107	2506	5560	3650	13103102506	DO	1100	NA1100000035	Batch1482	91438	Electrical
AD1409230109136	24-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$11,598.44	3230	1107	3670	5590	3520	13091121226	DO	6100	PA110000030	Lytton Springs LY Bus & Yard Upgrades	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1409160106175	17-Sep-14	1100	1	GEO8306050	GEOSPATIAL INNOVATIONS INC	$24,132.00	3250	1107	3738	5590	3690	14010705976	DO	1100	NA080000197	Technical consulting impletmentation, & engineering & consv	91832	CONSULTING SERVICES (NOT OTHERWISE CLASSIFIED)
AD1409160106223	17-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA1100000035	ST132850	91438	Electrical
AD1409160106223	17-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA1100000035	ST132550	91438	Electrical
AD1409160106223	17-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$203.45	3250	1107	2599	5560	3640	MAX42713	DOM	1100	NA1100000035	ST127040	91438	Electrical
AD1407080081928	9-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA1100000035	ST127701	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,148.56	3250	1107	2505	5560	3660	14071016618	DO	1100	NA1100000035	Batch 1600	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,229.45	5010	1100	3403	5560	5930	14071016611	DO	1100	NA1100000035	Batch 1595	91438	Electrical
AD1407160085427	17-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$532.53	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Trading Post TP-789 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407210087407	22-Jul-14	1100	4	VS0000019899	National Human Resource Group, Inc.	$15,950.00	5010	1100	8324	5725	9230	13101701548	DO	1100	NC140000002	Staff augmentation-Varma Siruvuri	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407080081901	9-Jul-14	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$157.50	5010	1100	3504	5560	5930	MAX40458	DOM	1100	S060166	LCRA Invoice T4M-0011205	96148	Laboratory and Field Testing Services (Not Otherwi
AD1406280079589	30-Jun-14	6100	1	SJL8312932	S J LOUIS CONSTRUCTION OF TEXAS LTD	$334,838.84	3060	1107	284	5560	1211	14013000265	CT	6100		E 5th St Chilled Water Piping, San Jacinto to Red River Ph 2	91340	Construction, Pipeline
AD1406110074003	12-Jun-14	1100	3	ASP7019530	ASPLUNDH TREE EXPERT CO	$204.30	3250	1107	2506	5560	3660	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406120074298	13-Jun-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$16,016.00	3250	1107	3468	5560	3910	13101001042	DO	1100	NC140000002	Staff augmentation- Sushruth Gade	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079648	30-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA1100000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$64.88	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA1100000035	ST129041	91438	Electrical
AD1406280079648	30-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA1100000035	ST129041	91438	Electrical
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$165.25	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA1100000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA1100000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA1100000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX39639	DOM	1100	NA1100000035	ST 125763	91438	Electrical
AD1406120074383	13-Jun-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA1100000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA1100000035	ST 125061	91438	Electrical
AD1406120074383	13-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA1100000035	ST125370	91438	Electrical
AD1406090073205	10-Jun-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$30,375.00	5010	1100	8322	5725	9230	14022708802	DO	1100	NC140000002	Prasanth Renduchintala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1406100073533	11-Jun-14	1100	3	WRI8303917	WRIGHT TREE SVC INC	$1,956.92	3250	1107	2510	5560	3640	14052814083	DO	1100	NA120000111	Batch #1568	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406090073213	10-Jun-14	1100	1	VS0000010098	Nipun Systems Inc.	$15,664.00	3250	1107	3468	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407120083595	14-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1407120083595	14-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1407120083595	14-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$48,277.18	3250	1107	2520	5560	3640	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1401220034655	23-Jan-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$14,155.63	5010	1100	8321	5280	9230	13100100214	DO	1100	NC140000002	Staff augmentation-Alex Flores	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$5,748.74	3240	1107	4953	5560	3620	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$404.85	3250	1107	2510	5560	3640	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403050044989	6-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$18,764.45	5010	1100	3708	5560	5930	14022408555	DO	1100	NA120000111	Batch 1521	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408250098898	26-Aug-14	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$12,508.32	5010	1100	8322	5725	9230	14043012490	DO	1100	NC140000002	Staff augmentation-Jose L Garcia	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409020101674	3-Sep-14	1100	1	LOW2955750	LOWER COLORADO RIVER AUTHORITY	$450.00	3230	1107	4289	5560	3530	MAX39440	DOM	1100	S060166	Galvanize Arms	91438	Electrical
AD1408070093305	8-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$77.04	3250	1107	2599	5560	3640	MAX41576	DOM	1100	NA110000035	ST130620	91438	Electrical
AD1408070093305	8-Aug-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$65.70	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$149.24	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$172.96	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1409020101712	3-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1405270069401	28-May-14	1100	7	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,552.24	5010	1100	3708	5560	5930	14051513380	DO	1100	NA120000111	Batch #1557	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$758.16	5010	1100	3212	5560	5982	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$18,970.08	5010	1100	3708	5560	5930	14070916559	DO	1100	NA120000111	Batch #1591	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409020101712	3-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX42427	DOM	1100	NA110000035	ST131331	91438	Electrical
AD1409060102979	8-Sep-14	6100	1	BUR0879750	BURY HOLDINGS INC	$13,618.29	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	PR # 2.1 - 4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,011.41	3250	1107	4608	5560	3660	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1408140095466	15-Aug-14	1100	3	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$91.25	3250	1107	4899	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312120025072	13-Dec-13	1100	1	DAM7098840	DAMAN CONSULTING	$15,040.00	3250	1107	3468	5230	3910	13082119833	DO	1100	NC130000002	Staff augmentation-Sharath KanaKamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312160025900	17-Dec-13	6100	1	GUE2157000	JOSE I GUERRA INC	$887.20	5010	1100	2224	5590	4171	13071517371	DO	6100	PA120000006	Domain - Master Plan	92567	Mechanical Engineering
AD1409030102018	4-Sep-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1408190096634	20-Aug-14	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$805.69	5010	1100	8821	5280	4172	14020507607	DO	5600	NC140000004	18697- Language Line services	92045	Software Maintenance/Support
AD1408190096678	20-Aug-14	1100	28	V00000914477	PIKE ENTERPRISES INC	$283.36	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091702	5-Aug-14	1100	2	APE8321977	APEX SYSTEMS INC	$11,051.37	3290	1107	5748	5560	3910	13101101205	DO	1100	NC140000002	Staff augmentation-Sunil Shenoy	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408040091806	5-Aug-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$2,432.76	3250	1107	2599	5560	3640	MAX41353	DOM	1100	NA110000035	ST131500	91438	Electrical
AD1408040091806	5-Aug-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$6,318.76	5010	1100	2520	5560	3640	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406160075180	17-Jun-14	6100	6	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$16,839.17	3060	1107	256	5560	1211	10120100224	CT	6100		New Central Library CM@Risk	91268	MANAGEMENT, CONSTRUCTION
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$413.46	5010	1100	3212	5560	5982	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409220108554	23-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$814.00	3250	1107	2506	5560	3650	14091220692	DO	1100	NA120000111	Batch 1622	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409170106711	18-Sep-14	1100	2	V00000914662	22ND CENTURY STAFFING INC	$15,960.00	3290	1107	5748	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	18	LUC8310706	LUCIDITY CONSULTING GROUP LP	$6,532.89	5010	1100	8322	5725	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	25	LUC8310706	LUCIDITY CONSULTING GROUP LP	$15,578.43	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106724	18-Sep-14	1100	29	LUC8310706	LUCIDITY CONSULTING GROUP LP	$1,009.12	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1312280028456	30-Dec-13	1100	2	APE8321977	APEX SYSTEMS INC	$984.00	3250	1107	3468	5560	3910	12101501354	DO	1100	NC130000002	Staff augmentation_ Mohamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,073.12	3250	1107	2505	5560	3660	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1311110014077	12-Nov-13	5700	1	VS0000036042	Perkins Coie LLP	$85.00	5010	1100	1302	5620	9230	13010906384	DO	5700	PA130000011	AE Compliance of Risk Management	96149	Legal Services, Attorneys
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$169.86	3250	1107	3538	5560	3620	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,532.37	3230	1107	1510	5560	3540	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1407030081194	7-Jul-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40537	DOM	1100	NA110000035	ST127031	91438	Electrical
AD1407100082890	11-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407100082890	11-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$219.47	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407100082890	11-Jul-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407150084641	16-Jul-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$45.17	3250	1107	2599	5560	3640	MAX40884	DOM	1100	NA110000035	ST121891	91438	Electrical
AD1407150084641	16-Jul-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407100082903	11-Jul-14	1100	1	VC0000103025	TELVENT USA LLC	$350,250.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1407010080063	2-Jul-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$1,089.50	5010	1100	1105	5590	9210	11112803754D	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1402260043236	27-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$386.75	3250	1107	3652	5560	3660	MAX35720	DOM	1100	NA100000024	TRAFFIC CONTROL INLINE 1000 S LAMAR WR 95869	98176	Traffic Control Equipment and Accessories Rental o
AD1405220068550	23-May-14	6100	10	HEN6049645	HENSEL PHELPS CONSTRUCTION CO	$21,886.82	3240	1107	4845	5560	3610	10120100224	CT	6100		New Central Library CM@R	91268	MANAGEMENT, CONSTRUCTION
AD1310280009495	29-Oct-13	5700	1	MAX7144235	MAX RENEA HICKS	$1,371.23	5010	1100	1302	5620	9210	13102201824	DO	5700	PA070000056	COA v Whittington	96149	Legal Services, Attorneys
AD1409220108649	23-Sep-14	6100	1	VC0000100167	MALONE/WHEELER INC	$25,048.44	3250	1107	3741	5230	3660	14032810618	DO	6100	PA110000062	Distribution Duct Design for Davis WTP	92517	Civil Engineering
AD1409180107027	19-Sep-14	1100	1	VS0000032630	Seaholm Power Development LLC	$105,094.05	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1310050002156	7-Oct-13	1100	1	V00000914662	22ND CENTURY STAFFING INC	$16,720.00	3250	1107	3635	5590	3700	13061115616	DO	1100	NC130000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310070002541	8-Oct-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$307.25	3250	1107	3590	5560	3660	MAX33159	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1312020022107	3-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	5010	1100	3212	5560	5982	13111803445	DO	1100	NA110000035	Batch1490	91438	Electrical
AD1310280009567	29-Oct-13	6100	2	WES5125100	WESTON SOLUTIONS INC	$905,314.08	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1406210077235	23-Jun-14	6100	1	BUR0879750	BURY HOLDINGS INC	$8,328.44	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	PR # 2.1 - 4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1407140084036	15-Jul-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$276.75	5010	1100	1307	5590	9210	14011306375	DO	6100	PA080000085	ECC - PST Removal	92535	Environmental Engineering
AD1407010080198	2-Jul-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$608.19	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,611.54	5010	1100	3212	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,724.92	5010	1100	3215	5560	5982	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1407030081120	7-Jul-14	1100	10	LUC8310706	LUCIDITY CONSULTING GROUP LP	$4,355.26	3290	1107	5748	5560	3910	13101401387	DO	1100	NC140000002	Staff Augmentation - Lucidity (Multiple Positions)	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311140014886	15-Nov-13	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$832.68	5010	1100	1307	5590	9210	13050213134	DO	6100	PA100000043	Air Quality Permitting for AE's Facilities - Additiional Svr	92535	Environmental Engineering
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,862.26	3250	1107	2501	5560	3650	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$19,046.26	3250	1107	3597	5560	3730	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$388.68	5010	1100	3212	5560	5982	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1310220007052	23-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34,291.00	5010	1100	3710	5560	5710	13101501454	DO	1100	NA120000110	Batch 1475	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312040023017	5-Dec-13	1100	2	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$259.00	3250	1107	3594	5560	3670	MAX33340	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,146.09	5010	1100	3212	5560	5982	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072843	9-Jun-14	1100	1	TEX8311381	TEXAS GOVLINK INC	$15,437.50	3250	1107	3480	5560	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$28,150.96	3250	1107	2500	5560	3620	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1310150005219	16-Oct-13	1100	9	MET7046770	METALINK CORP	$60,741.00	3290	1107	5313	5560	3900	13092522272	DO	1100	NA080000138	Fencing Installation and repair Services	98815	Fence Installation and Repair
AD1403050044924	6-Mar-14	6100	7	STA7106205	STANLEY CONSULTANTS INC	$2,878.37	3230	1107	2953	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,674.01	3230	1107	2854	5560	3530	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,512.80	5010	1100	3504	5560	5960	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1311102011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,233.05	3250	1107	3734	5560	3620	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311102011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$10,985.97	5010	1100	3708	5560	5930	13102502173	DO	1100	NA120000111	Batch 1479	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311040011835	5-Nov-13	1100	1	APE8321977	APEX SYSTEMS INC	$6,840.00	3250	1107	3480	5560	3910	13091221301	DO	1100	NC130000002	Staff augmentation-Clyde Smith	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311160015169	18-Nov-13	1100	7	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$558.00	3250	1107	3590	5560	3660	MAX34707	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$959.90	3250	1107	2508	5560	3690	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$96,190.44	5010	1100	3404	5560	5710	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1408180096195	19-Aug-14	1100	1	VS0000032630	Seaholm Power Development LLC	$756.00	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1403200049563	21-Mar-14	6100	1	VS0000017696	AUSTIN CONSTRUCTORS LLC	$1,000.00	3060	1107	129	5560	1211	13102800048	CT	6100		Crescent Tract Utilities for Chilled Water Services	91360	Construction, Water System, Main and Service Line
AD1404290061889	30-Apr-14	1100	2	SMS8302717	SMS LLC	$14,531.00	3290	1107	5705	5560	3900	14031309710	DO	1100	NS070000025	O & M for ISMS & CIP for ISMS	20789	Testing Equipment for Computers and Related Equipm
AD1404300062073	1-May-14	1100	1	ABD7148105	RITA ABDELADIM	$13,120.00	3250	1107	3635	5560	3910	13100800866	DO	1100	NC140000002	Staff augmentation-Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404220059960	23-Apr-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$20,908.88	5010	1100	1307	5590	9210	14011306375	DO	6100	PA080000085	ECC - PST Removal	92535	Environmental Engineering
AD1408130095199	14-Aug-14	6100	1	JAC8308529	JACOBS ENGINEERING GROUP INC	$21,790.28	3060	1107	284	5590	1211	13072317970	DO	6100	PA130000018	AE 5th Street CHW Piping Extension Continuation Proposal	92533	ENGINEER SERVICES, PROFESSIONAL
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$17,641.04	3230	1107	4284	5560	3530	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,475.41	3250	1107	2520	5560	3640	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,391.09	3250	1107	3107	5560	3670	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1408130095238	14-Aug-14	1100	1	V00000909300	Juliee Beyt	$387.50	5010	1100	2437	5280	9010	13112000127	CT	1100		adding 400 hrs as requested	91800	CONSULTING SERVICES
AD1403270052160	28-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$33,457.67	3230	1107	1521	5560	3530	14031809943	DO	1100	NA100000026	Batch 1531	91232	Construction, Street Lighting
AD1404150057740	16-Apr-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$1,392.87	5010	1100	1105	5590	9210	11112803754	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1408130095244	14-Aug-14	1100	1	V00000917683	RPD SYSTEMS LLC	$2,716.00	5010	1100	8322	5725	9230	14053014261	DO	1100	NC140000002	Staff agumentation-Swetha Akinapally	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096325	19-Aug-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$3,408.00	3290	1107	5737	5560	3910	14060514553	DO	1100	NC140000002	Staff augmentation-Henrietta Harris	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407230088414	24-Jul-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$265.97	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1407230088414	24-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1407230088414	24-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$245.97	3250	1107	2599	5560	3640	MAX41024	DOM	1100	NA110000035	ST123760	91438	Electrical
AD1403040044646	5-Mar-14	1100	1	KEM7155110	KEMA INCORPORATED	$11,902.00	5010	1100	2450	5280	5810	13082920451	DO	1100	NA110000076	DSM Project 8 LSAC Reprot Consulting Services	91841	Energy Conservation Consulting
AD1403190049126	20-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$102.15	3250	1107	2505	5560	3660	14031009404	DO	1100	NA120000111	Batch 1527	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401080031091	9-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$15,200.00	3250	1107	3468	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407290089657	30-Jul-14	1100	1	PDS7116430	PDS TECH INC	$2,713.95	5010	1100	8322	5725	9230	14042812330	DO	1100	NC140000002	Staff Augmentation-Hugo Anguiano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409150105610	16-Sep-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$15,277.92	3230	1107	1525	5590	3520	13112604076	DO	6100	PA110000030	Garfield GF Yard Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1408300101424	2-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$1,579.25	3250	1107	2599	5560	3640	MAX42204	DOM	1100	NA110000035	ST126610	91438	Electrical
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$864.21	3250	1107	2501	5560	3660	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$365.42	5010	1100	3212	5560	5982	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405130065723	14-May-14	6100	1	ESP7108190	ESPEY CONSULTANTS INC	$20.00	3060	1107	312	5590	1211	13123105633	DO	6100	PA130000018	Green Water Treatment CW Pipe Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$32,973.59	3240	1107	4964	5560	3620	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$365.42	3250	1107	2520	5560	3640	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405100065010	12-May-14	1100	3	VS0000019899	National Human Resource Group, Inc.	$12,760.00	5010	1100	8324	5725	9230	13101701548	DO	1100	NC140000002	Staff augmentation-Varma Siruvuri	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409110105007	12-Sep-14	1100	3	APE8321977	APEX SYSTEMS INC	$17,400.00	3290	1107	5747	5590	3910	13100700792	DO	1100	NC140000002	Staff augmentation-Barbara Johnson	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405190067263	20-May-14	1100	17	V00000914477	PIKE ENTERPRISES INC	$90.34	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$10,259.44	3250	1107	3446	5560	3730	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1404080055748	9-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,405.76	3250	1107	2501	5560	3650	14040310923	DO	1100	NA120000111	Batch 1534	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404080055770	9-Apr-14	1100	1	APE8321977	APEX SYSTEMS INC	$15,083.22	3250	1107	3635	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,238.84	3250	1107	2123	5560	3730	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,286.02	5010	1100	3212	5560	5982	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1409130105350	15-Sep-14	1100	1	CAR8317206	CARAHSOFT TECHNOLOGY CORP	$83,549.80	5010	1100	8322	5280	9230	14062715856	DO	1100	NC140000001	Software Maintenance	92045	Software Maintenance/Support
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,485.93	3250	1107	2520	5560	3640	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$42,319.41	3230	1107	3670	5560	3530	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$565.14	3250	1107	3777	5560	3660	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1407080081928	9-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40371	DOM	1100	NA110000035	ST127421	91438	Electrical
AD1310140004471	15-Oct-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$785.24	3250	1107	3691	5560	3620	13100700723	DO	1100	NA120000111	Batch 1472	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311210019402	22-Nov-13	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$315.00	5010	1100	1302	5620	9230	12060815582	DO	5700	PA120000027	Fayette Power Plant	96149	Legal Services, Attorneys
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,080.73	3250	1107	2123	5560	3730	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,639.59	5010	1100	3504	5560	5940	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$204.30	3250	1107	2506	5560	3650	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$8,879.41	5010	1100	3215	5560	5982	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110864	30-Sep-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$19,488.00	5010	1100	8322	5725	9230	14070916530	DO	1100	NC140000002	Data Warehouse BI Project	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409150105628	16-Sep-14	1100	1	V00000905284	EthosEnergy Power Plant Services LLC	$21,265.00	3220	1107	3667	5590	3140	MAX35624	DOM	1100	GA140000008	SHEC 1-4 Cntrls Upgrade Wood Group Added Scope Initial Eng	94172	Power Generating and Transmitting Control System S
AD1409240109518	25-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,592.00	5010	1100	3710	5560	5710	14091720960	DO	1100	NA120000110	Batch 1627	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409160106223	17-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409160106223	17-Sep-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$662.76	3250	1107	2599	5560	3640	MAX42714	DOM	1100	NA110000035	ST132550	91438	Electrical
AD1407190086951	21-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,091.22	5010	1100	3404	5560	5710	14071016618	DO	1100	NA110000035	Batch 1600	91438	Electrical
AD1406230077707	24-Jun-14	6100	1	BUR0879750	BURY HOLDINGS INC	$1,599.75	3060	1107	311	5590	1211	14061114880	DO	6100	PA130000018	PR # 2.1 - 4th and Nueces Chilled Water Connection	92533	ENGINEER SERVICES, PROFESSIONAL
AD1406030071569	4-Jun-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$212.80	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon. Phase II - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1406050072236	6-Jun-14	1100	3	ASP7019530	ASPLUNDH TREE EXPERT CO	$1,046.08	5010	1100	3710	5560	5710	14052714024	DO	1100	NA120000110	Batch #1567	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406050072236	6-Jun-14	1100	8	ASP7019530	ASPLUNDH TREE EXPERT CO	$9,255.86	5010	1100	3708	5560	5930	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406230077842	24-Jun-14	1100	8	WRI8303917	WRIGHT TREE SVC INC	$5,813.90	5010	1100	3708	5560	5560	14061114909	DO	1100	NA120000111	Batch #1578	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407190086837	21-Jul-14	1100	2	APE8321977	APEX SYSTEMS INC	$14,318.46	3290	1107	5748	5590	3910	13100300498	DO	1100	NC140000002	Staff augmentation-Jayadev Nirujogi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407190086837	21-Jul-14	1100	3	APE8321977	APEX SYSTEMS INC	$8,295.76	3290	1107	5745	5560	3910	13100700748	DO	1100	NC140000002	Staff augmentation-Dhiraj Donthi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1407160085427	17-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$5,696.89	5010	1100	3202	5590	5620	13030509872A	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1407160085427	17-Jul-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$9,318.47	5010	1100	3711	5590	5880	13020708404	DO	6100	PA110000030	Distribution Feeders Coordination Services	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1409240109443	25-Sep-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$18,612.80	5010	1100	8810	5725	9020	14051413315	DO	1100	NC140000002	Staff augmentation-Jennifer Wrigley	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408020091176	4-Aug-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$59,804.14	5010	1100	3708	5560	9210	14072517594	DO	1100	NA120000111	Batch #1601	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406020071054	3-Jun-14	6100	1	BUR0879750	BURY HOLDINGS INC	$328.19	3060	1107	259	5590	1211	12092422487	DO	6100	PA110000043	3rd Street Chilled Water Serv. to J.W Marriott	92517	Civil Engineering
AD1406280079576	30-Jun-14	1100	5	ASP7019530	ASPLUNDH TREE EXPERT CO	$2,115.64	3250	1107	2502	5560	3650	14062015509	DO	1100	NA120000111	Batch #1582	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406120074268	13-Jun-14	1100	1	VS0000032630	Seaholm Power Development LLC	$56,974.81	3060	1107	257	5560	1211	MAX40187	DOM	1100	NA140000052	Payment #6 Seaholm LLC invoice	91360	Construction, Water System, Main and Service Line
AD1406110074003	12-Jun-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$34.05	3250	1107	2501	5560	3650	14060214322	DO	1100	NA120000111	Batch #1571	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1406280079648	30-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$902.80	3250	1107	2599	5560	3640	MAX40124	DOM	1100	NA110000035	ST 125360	91438	Electrical
AD1406280079648	30-Jun-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1406120074362	13-Jun-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$898.00	3250	1107	3631	5560	3620	MAX39301	DOM	1100	NA100000024	WR 98709 - 10011 STONELAKE BLVD	98176	Traffic Control Equipment and Accessories Rental o
AD1406120074383	13-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$2,162.40	3250	1107	2599	5560	3640	MAX39638	DOM	1100	NA110000035	ST 125450	91438	Electrical
AD1406120074383	13-Jun-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$550.52	3250	1107	2599	5560	3640	MAX39664	DOM	1100	NA110000035	ST125370	91438	Electrical
AD1406120074383	13-Jun-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$137.86	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406090073205	10-Jun-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$6,718.40	5010	1100	8321	5280	9230	13100100243	DO	1100	NC140000002	Staff augmentation-Mike O'connell	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407120083595	14-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$197.53	3250	1107	2599	5560	3640	MAX40889	DOM	1100	NA110000035	ST122190	91438	Electrical
AD1401220034655	23-Jan-14	1100	1	VS0000019899	National Human Resource Group, Inc.	$4,703.75	5010	1100	8321	5280	9230	13100100177	DO	1100	NC140000002	Staff augmentation-Lou Marco	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403150048114	17-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$24,793.70	5010	1100	3708	5560	5930	14030609257	DO	1100	NA120000111	Batch 1526	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,755.21	3250	1107	2501	5560	3660	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1408070093305	8-Aug-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX41580	DOM	1100	NA110000035	ST128970	91438	Electrical
AD1408070093305	8-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$233.28	3250	1107	2599	5560	3640	MAX41350	DOM	1100	NA110000035	ST129901	91438	Electrical
AD1408070093305	8-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$109.74	3250	1107	2599	5560	3640	MAX41349	DOM	1100	NA110000035	ST122740	91438	Electrical
AD1408070093305	8-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$2,857.54	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1408070093305	8-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$1,536.29	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1408070093305	8-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,320.42	3250	1107	2599	5560	3640	MAX41347	DOM	1100	NA110000035	ST124681	91438	Electrical
AD1409020101712	3-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$8,582.73	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1407220088009	23-Jul-14	1100	3	V00000911092	EKHP Consulting LLC	$8,265.00	3290	1107	5748	5560	3910	13101001039	DO	1100	NC140000002	Staff augumentation-Ravinder Saukla	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$24,908.32	3250	1107	3669	5560	3620	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1409020101712	3-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX42412	DOM	1100	NA110000035	ST131730	91438	Electrical
AD1409020101712	3-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$507.63	3250	1107	2599	5560	3640	MAX42428	DOM	1100	NA110000035	ST130550	91438	Electrical
AD1409030101990	4-Sep-14	1100	2	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$16,718.75	3290	1107	5745	5560	3910	14071016615	DO	1100	NC140000003	SCC Control Center Cabling	9621826	COMPUTER CABLE INSTALLATION
AD1312180026799	19-Dec-13	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$22,880.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1312250027948	26-Dec-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,491.28	5010	1100	3504	5560	5960	13112503943	DO	1100	NA110000035	Batch1492	91438	Electrical
AD1312160025921	17-Dec-13	1100	1	PRE8309876	PRESIDIO NETWORKED SOLUTIONS INC	$3,878.00	5010	1100	8324	5560	9304	13092321968	DO	1100	NC130000003	Intall cablen at AE	9621826	COMPUTER CABLE INSTALLATION
AD1409030102018	4-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$120.29	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1408190096678	20-Aug-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$540.60	3250	1107	2599	5560	3640	MAX41934	DOM	1100	NA110000035	ST130861	91438	Electrical
AD1408190096678	20-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$373.00	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408040091692	5-Aug-14	6100	1	ACR0045900	ACR ENGINEERING INC	$550.00	5010	1100	2221	5590	4171	13022109284	DO	6100	PA080000064	Design Coordination	91842	Engineering Consulting
AD1408040091806	5-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX41365	DOM	1100	NA110000035	ST127560	91438	Electrical
AD1408040091806	5-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$270.30	3250	1107	2599	5560	3640	MAX41353	DOM	1100	NA110000035	ST131500	91438	Electrical
AD1408040091806	5-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX41353	DOM	1100	NA110000035	ST131500	91438	Electrical
AD1408040091806	5-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41364	DOM	1100	NA110000035	ST130290	91438	Electrical
AD1408040091806	5-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$1,720.45	3250	1107	2599	5560	3640	MAX41585	DOM	1100	NA110000035	ST122651	91438	Electrical
AD1408040091806	5-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	18	V00000914477	PIKE ENTERPRISES INC	$4,865.52	3250	1107	2599	5560	3640	MAX41578	DOM	1100	NA110000035	ST131542	91438	Electrical
AD1408040091806	5-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1407170085955	18-Jul-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$160,274.31	5010	1100	3708	5560	5930	14070916547	DO	1100	NA120000111	Batch #1597	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408040091829	5-Aug-14	6100	1	VC0000100167	MALONE/WHEELER INC	$93,971.50	3250	1107	3741	5230	3660	14032810618	DO	6100	PA110000062	Distribution Duct Design for Davis WTP	92517	Civil Engineering
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX43014	DOM	1100	NA110000035	ST129042	91438	Electrical
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$68.10	3250	1107	2124	5560	3730	13121905282	DO	1100	NA120000111	Batch 1499	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312280028450	30-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$24,956.55	5010	1100	3708	5560	5930	13121905282	DO	1100	NA120000111	Batch 1499	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402260043223	27-Feb-14	1100	1	JBT8302036	JAMES B. TEMPLETON	$6,671.30	3230	1107	1521	5590	3530	MAX37226	DOM	1100	NA140000042	Transformer Consulting for Garfield 480MVA autotransformer	91832	CONSULTING SERVICES (NOT OTHERWISE CLASSIFIED)
AD1401180034013	21-Jan-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$48,652.59	3250	1107	3631	5560	3620	14010806102	DO	1100	NA100000026	Batch 1504	91232	Construction, Street Lighting
AD1311110013984	12-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,740.48	3230	1107	2854	5560	3530	13102201874	DO	1100	NA100000026	Batch 1483	91232	Construction, Street Lighting
AD1310230007609	24-Oct-13	6100	1	ACR0045900	ACR ENGINEERING INC	$605.00	5010	1100	2221	5590	4171	13022109284	DO	6100	PA080000064	Design Coordination	91842	Engineering Consulting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$15,781.78	3230	1107	2933	5560	3530	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014582	14-Nov-13	6100	1	AME8315074	AMEC ENVIRONMENT & INFRASTRUCTURE INC	$10,117.94	5010	1100	1307	5590	9230	13020408210	DO	6100	PA100000043	Walter E. Long Lake Entrainment Characterization & Hydrilla	92535	Environmental Engineering
AD1311110014037	12-Nov-13	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$349.75	5010	1100	3404	5560	5710	MAX33264	DOM	1100	NA100000024	Traffic Control for Ckt 811	98176	Traffic Control Equipment and Accessories Rental o
AD1407100082890	11-Jul-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40880	DOM	1100	NA110000035	ST121281	91438	Electrical
AD1407150084641	16-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$283.81	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$43.24	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1407150084641	16-Jul-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$147.02	3250	1107	2599	5560	3640	MAX40986	DOM	1100	NA110000035	ST130291	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$455.35	3250	1107	2599	5560	3640	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$22,819.47	5010	1100	3215	5560	5960	14070216210	DO	1100	NA110000035	Batch 1594	91438	Electrical
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$8,880.74	3250	1107	2501	5560	3660	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1310070002541	8-Oct-13	1100	5	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$318.00	3250	1107	3594	5560	3670	MAX33140	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1407140084050	15-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40736	DOM	1100	NA110000035	ST129150	91438	Electrical
AD1402240042477	25-Feb-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$30,494.05	3230	1107	1519	5590	3530	13090620825	DO	6100	PA110000030	Grove to Kingsbery CKT 9847 Relay Upgrade	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$525.13	3250	1107	3652	5560	3660	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038899	11-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$62,571.20	3250	1107	3720	5560	3640	14012106802	DO	1100	NA110000035	Batch 1510	91438	Electrical
AD1402100038916	11-Feb-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$17,556.00	3250	1107	3468	5560	3910	13101001136	DO	1100	NC140000002	IT Staff Augmentation_ Heidi Schrab	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$4,788.69	3250	1107	2037	5560	3640	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1311260021619	27-Nov-13	6100	1	GUE2157000	JOSE I GUERRA INC	$12,725.60	3060	1107	302	5590	1211	13071517369	DO	6100	PA120000006	Domain - New 2,500 Ton Chiller Installation	92567	Mechanical Engineering
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$13,689.59	3230	1107	2955	5560	3530	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1401070030802	8-Jan-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,856.68	3250	1107	2501	5560	3660	13121004677	DO	1100	NA110000035	Batch 1496	91438	Electrical
AD1401070030804	8-Jan-14	1100	1	V00000914662	22ND CENTURY STAFFING INC	$17,480.00	3250	1107	3635	5560	3910	13101101240	DO	1100	NC140000002	Staff augmentation Richard K Schiller	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1402180040772	19-Feb-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$221,304.00	3320	1107	7500	5560	3110	11072001203	CT	6100		Holly Power Plant Decommissioning - Reissue	91230	Construction, Power Plant
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$23,209.20	3240	1107	4959	5560	3620	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,201.99	3250	1107	2123	5560	3730	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,952.98	3250	1107	3106	5560	3670	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$936.40	5010	1100	3212	5560	5982	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1403110046787	12-Mar-14	1100	1	APE8321977	APEX SYSTEMS INC	$12,872.50	3250	1107	3468	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,308.00	3250	1107	3669	5560	3620	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1408090093732	11-Aug-14	6100	1	ACR0045900	ACR ENGINEERING INC	$5,066.00	3310	1107	5327	5590	3910	9031601079	CT	6100		Austin Energy Control Center Commissioning Services	91231	CONSTRUCTION, REMODEL & ALTERA
AD1311020011531	4-Nov-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$5,638.90	5010	1100	3710	5560	5710	13102502171	DO	1100	NA120000110	Batch 1480	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311200017989	21-Nov-13	1100	1	VS0000037564	Greenbelt Solar LLC	$68,500.00	3120	1107	1178	5560	3440	13081600832	CT	1100		Solar PV Equipement Supply & Installation (Zero Energy Prog)	91018	ENERGY SYSTEM, SOLAR, INSTALLATION SERVICES
AD1310300010808	31-Oct-13	6100	1	HDR8318192	HDR ENGINEERING INC	$25,653.43	3060	1107	129	5590	1211	12083120930A	DO	6100	PA090000009	New Chilled Water Piping, Future District Cooling Plant #3	92517	Civil Engineering
AD1403080046084	10-Mar-14	1100	1	VC0000103535	RW BECK GROUP INC	$5,599.90	5010	1100	1314	5280	9210	13082600864A	CT	1100		Consulting Services for Benchmarking Study	9184900	Finance/Economics Consulting
AD1403110046812	12-Mar-14	1100	1	DAM7098840	DAMAN CONSULTING INC	$18,048.00	3250	1107	3468	5560	3910	13101101228	DO	1100	NC140000002	Staff augmentation-Sharath Kanakamedala	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403080046087	10-Mar-14	1100	1	VS0000010098	Nipun Systems Inc.	$14,596.00	3250	1107	3468	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408060092564	7-Aug-14	1100	6	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$3,330.63	3290	1107	5745	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401070030847	8-Jan-14	1100	1	VS0000010098	Nipun Systems Inc.	$16,376.00	3250	1107	3468	5560	3910	13100800859	DO	1100	NC140000002	Staff augmenttion - Sai Kale	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$20,584.27	3240	1107	4962	5560	3620	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$221.58	3250	1107	2508	5560	3690	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1405170066941	19-May-14	1100	1	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$9,856.00	3290	1107	5421	5560	3910	13101001114	DO	1100	NC140000002	Staff Augmentation-Matt Caterisano	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405010062401	2-May-14	1100	1	VC0000103025	TELVENT USA LLC	$8,500.00	3250	1107	3463	5590	3690	12120504515	DO	1100	NA120000184	Advanced Distribution Mangement Syst.	20628	Computer Systems, Process Control
AD1408260099253	27-Aug-14	1100	2	VS0000010098	Nipun Systems Inc.	$15,397.00	3290	1107	5745	5560	3910	13102201868	DO	1100	NC140000002	Staff augmentation- Srikanth Reddy Koppula	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096292	19-Aug-14	1100	2	TEX8311381	TEXAS GOVLINK INC	$7,885.00	3290	1107	5760	5725	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1408180096305	19-Aug-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$240.58	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,303.64	3230	1107	3677	5560	3530	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$155.56	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,282.45	5010	1100	3510	5560	5941	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407230088414	24-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$438.94	3250	1107	2599	5560	3650	MAX41020	DOM	1100	NA110000035	ST121831	91438	Electrical
AD1407230088414	24-Jul-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$135.48	3250	1107	2599	5560	3650	MAX41022	DOM	1100	NA110000035	ST123360	91438	Electrical
AD1407230088414	24-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$1,097.35	3250	1107	2599	5560	3650	MAX41022	DOM	1100	NA110000035	ST123360	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$443.16	3250	1107	2506	5560	3650	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1403060045469	7-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,345.44	3250	1107	3597	5560	3730	14021207997	DO	1100	NA110000035	Batch 1516	91438	Electrical
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,391.76	3250	1107	2501	5560	3660	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401060030138	7-Jan-14	1100	3	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$182.50	3250	1107	4899	5560	3910	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403250051528	26-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$599.16	3250	1107	2510	5560	3640	14031409764	DO	1100	NA110000035	Batch 1530	91438	Electrical
AD1404160058188	17-Apr-14	5700	1	WES8305952	CLARENCE A. WEST	$121.88	5010	1100	1302	5620	9210	13072217806	DO	5700	PA130000060	Telecommunication	96149	Legal Services, Attorneys
AD1404160058189	17-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$101.40	3250	1107	2520	5560	3640	14040911382	DO	1100	NA120000111	Batch 1538	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,572.97	3250	1107	2506	5560	3650	14050212679	DO	1100	NA120000111	Batch 1544	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403080045948	10-Mar-14	6100	1	ASD7048240	ASD CONSULTANTS INC	$3,060.00	3290	1107	5741	5560	3900	13100900960	DO	6100	PA080000061	St. Elmo Re-Roofing	90607	Architect Services, Professional
AD1403130047663	14-Mar-14	1100	1	TEC4570250	TECHLINE INC	$11,694.00	3250	1107	3446	5560	3730	MAX37244	DOM	1100	GA1100000073	ROAM Phase 3 Invoice 21	28576	Street Lighting Luminaires, Accessories and Parts
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,774.76	3250	1107	2501	5560	3650	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,155.65	5010	1100	3708	5560	5930	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$4,613.25	5010	1100	3708	5560	5930	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408300101452	2-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$793.32	5010	1100	3708	5560	5930	14082719650	DO	1100	NA120000111	Batch #1631	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409080103697	9-Sep-14	1100	4	VS0000019899	National Human Resource Group, Inc.	$15,260.50	5010	1100	8324	5725	9230	13101701548	DO	1100	NC140000002	Staff augmentation-Varma Siruvuri	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,424.51	5010	1100	3212	5560	5982	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1404160058069	17-Apr-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$960.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1405120065201	13-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$476.70	3250	1107	3676	5560	3620	14050612797	DO	1100	NA120000111	Batch 1545	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,124.73	5010	1100	3212	5560	5982	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1405190067263	20-May-14	1100	21	V00000914477	PIKE ENTERPRISES INC	$178.39	3250	1107	2599	5560	3640	MAX38819	DOM	1100	NA110000035	ST123181	91438	Electrical
AD1404280061397	29-Apr-14	1100	1	DCS8322678	DYNAMIC COMPUTING SERVICES	$12,936.00	3250	1107	3468	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405030062663	5-May-14	1100	1	VS0000032630	Seaholm Power Development LLC	$241,911.26	3060	1107	257	5560	1211	MAX39202	DOM	1100	NA140000052	Payment #4 for Seaholm Transmission Line	91360	Construction, Water System, Main and Service Line
AD1404280061371	29-Apr-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$170.25	3250	1107	3749	5560	3620	14041011417	DO	1100	NA120000111	Batch 1539	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404080055741	9-Apr-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$9,028.00	3250	1107	3597	5560	3730	14032410233	DO	1100	NA110000035	Batch 1533	91438	Electrical
AD1404080055770	9-Apr-14	1100	1	APE8321977	APEX SYSTEMS INC	$12,818.00	3250	1107	3635	5590	3910	13102101797	DO	1100	NC140000002	Staff Aigumentation-Akila Jayawardhana	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$814.38	3250	1107	2030	5560	3640	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$70,429.65	5010	1100	3708	5560	5930	14071016679	DO	1100	NA120000111	Batch #1599	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404070055289	8-Apr-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$230.64	3250	1107	3729	5560	3620	14032510347	DO	1100	NA120000111	Batch 1536	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407080081928	9-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX40326	DOM	1100	NA110000035	ST 124840	91438	Electrical
AD1407080081928	9-Jul-14	1100	35	V00000914477	PIKE ENTERPRISES INC	$357.42	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1311190017522	20-Nov-13	1100	3	VC0000102856	RHYAN TECHNOLOGY SERVICES LLC	$1,284.00	3250	1107	3468	5560	3910	12101201228	DO	1100	NC130000002	Staff Augmentation-Abhishe Ranteria	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311120014215	13-Nov-13	1100	1	NEO8311042	NEOS CONSULTING GROUP L L C	$16,000.00	3250	1107	3468	5230	3910	13050713306	DO	1100	NC130000002	Staff augmentation-Lenin Sadasivan	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$672.19	5010	1100	3212	5560	5982	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311120014313	13-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$15,004.83	3250	1107	3597	5560	3730	13103102506	DO	1100	NA110000035	Batch1482	91438	Electrical
AD1312070023667	9-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$5,457.09	5010	1100	3708	5560	5930	13112704112	DO	1100	NA120000111	Batch 1495	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$8,409.30	3230	1107	2933	5560	3530	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1312260028169	27-Dec-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,093.44	3250	1107	2505	5560	3650	13121805204	DO	1100	NA100000026	Batch 1497	91232	Construction, Street Lighting
AD1409230109036	24-Sep-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$12,936.00	3290	1107	5745	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1311230020909	25-Nov-13	6100	1	VS0000020698	Alpha Building Corporation	$23,259.69	3060	1107	280	5560	1211	12050913685	DO	6100	CA110000001	Mueller Energy Ctr. Control Room Expansion	91231	CONSTRUCTION, REMODEL & ALTERA
AD1409150105628	16-Sep-14	1100	1	V00000905284	EthosEnergy Power Plant Services LLC	$69,824.60	3220	1107	3667	5590	3140	MAX38335	DOM	1100	GA140000008	SHEC 1-4 Controls Upgrade Change Order (Large)	94172	Power Generating and Transmitting Control System S
AD1409160106223	17-Sep-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$658.42	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$298.48	3250	1107	2599	5560	3640	MAX42713	DOM	1100	NA110000035	ST127040	91438	Electrical
AD1407160085358	17-Jul-14	1100	4	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$6,843.75	5010	1100	8322	5725	9230	13102402014	DO	1100	NC140000002	Staff augmentation-Ed Walsh	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406030071624	4-Jun-14	1100	1	THI7027395	THIELSCH ENGINEERING INC	$48,096.00	3220	1107	7338	5560	3460	MAX33845	DOM	1100	NA120000033	Install Phase 1 Secondary Containments	94125	Boiler Maintenance and Repair, Steam (Including Te
AD1407190086857	21-Jul-14	1100	2	DCS8322678	DYNAMIC COMPUTING SERVICES	$14,976.50	3290	1107	5745	5560	3910	13102301919	DO	1100	NC140000002	Staff augmentation-Shiva Gunupuru	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407160085447	17-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1407210087407	22-Jul-14	1100	2	VS0000019899	National Human Resource Group, Inc.	$5,236.00	5010	1100	8323	5725	9230	13100100259	DO	1100	NC140000002	Staff augmentation-Cullen Lisbony	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1401220034621	23-Jan-14	1100	1	V00000905284	Wood Group Power Plant Services, Inc.	$123,000.00	3220	1107	3667	5590	3140	MAX35249	DOM	1100	GA140000008	SHEC 1-4 Controls Upgrade	94172	Power Generating and Transmitting Control System S
AD1401110031983	13-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$6,195.00	3250	1107	3468	5560	3910	12101101075	DO	1100	NC130000002	Staff Augmentation_Catherine Cioffi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,988.73	3230	1107	4286	5560	3530	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$10,357.70	3250	1107	3105	5560	3660	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079648	30-Jun-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$985.23	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1407050081205	8-Jul-14	1100	1	VS0000032630	Seaholm Power Development LLC	$69,057.58	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1406120074383	13-Jun-14	1100	12	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX39652	DOM	1100	NA110000035	ST 124841	91438	Electrical
AD1406120074383	13-Jun-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$247.33	3250	1107	2599	5560	3640	MAX39559	DOM	1100	NA110000035	ST 124142	91438	Electrical
AD1406170075695	18-Jun-14	1100	5	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$262.00	3250	1107	4607	5560	3660	MAX40204	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$1,550.34	3250	1107	3733	5560	3660	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1403150048091	17-Mar-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$10,007.03	3250	1107	3446	5560	3730	14030509093	DO	1100	NA110000035	Batch 1525	91438	Electrical
AD1401150033224	16-Jan-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$43,726.26	5010	1100	3708	5560	5930	14011306379	DO	1100	NA120000111	Batch 1505	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403150048113	17-Mar-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$90,022.84	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,304.00	5010	1100	3708	5560	5930	14022508611	DO	1100	NA120000111	Batch 13	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1403100046317	11-Mar-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$4,573.77	5010	1100	3708	5560	5930	14030308972	DO	1100	NA120000111	Batch 1522	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402150040278	18-Feb-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$394.38	5010	1100	3710	5560	5710	14021007742	DO	1100	NA100000026	Batch 1517	91232	Construction, Street Lighting
AD1408070093305	8-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,303.43	3250	1107	2599	5560	3640	MAX41352	DOM	1100	NA110000035	ST130021	91438	Electrical
AD1408070093305	8-Aug-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$550.52	3250	1107	2599	5560	3640	MAX41348	DOM	1100	NA110000035	ST122420	91438	Electrical
AD1409020101712	3-Sep-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$1,402.69	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	31	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX42150	DOM	1100	NA110000035	ST122620	91438	Electrical
AD1409020101712	3-Sep-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$355.74	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$20.88	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX42152	DOM	1100	NA110000035	ST131350	91438	Electrical
AD1409020101712	3-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$652.77	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	9	V00000914477	PIKE ENTERPRISES INC	$86.48	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1409020101712	3-Sep-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$1,216.38	3250	1107	2599	5560	3640	MAX42411	DOM	1100	NA110000035	ST127120	91438	Electrical
AD1406090073096	10-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,935.46	3250	1107	3105	5560	3660	14052914192	DO	1100	NA100000026	Batch 1569	91232	Construction, Street Lighting
AD1407170085955	18-Jul-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$17,860.98	5010	1100	3710	5560	5710	14070716326	DO	1100	NA120000110	Batch #1592	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407170085955	18-Jul-14	1100	3	ASP7019530	ASPLUNDH TREE EXPERT CO	$3,084.76	5010	1100	3710	5560	5710	14070716326	DO	1100	NA120000110	Batch #1592	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408190096523	20-Aug-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$20,960.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1408190096578	20-Aug-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$6,108.48	3240	1107	4959	5560	3620	14081118544	DO	1100	NA100000026	Batch 1612	91232	Construction, Street Lighting
AD1409060103047	8-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$135.51	3250	1107	2599	5560	3640	MAX42481	DOM	1100	NA110000035	ST130110	91438	Electrical
AD1312260028195	27-Dec-13	5700	1	GRE8322386	GREENBERG TRAURIG L L P	$3,709.20	5010	1100	1302	5620	9210	13110102546	DO	5700	PA140000006	NAES Corporation v COA	96149	Legal Services, Attorneys
AD1312300028722	31-Dec-13	1100	1	VS0000019899	National Human Resource Group, Inc.	$13,001.88	5010	1100	8321	5280	9230	13100100177	DO	1100	NC140000002	Staff augmentation-Lou Marco	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409030102018	4-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$206.20	3250	1107	2599	5560	3640	MAX42486	DOM	1100	NA110000035	ST131680	91438	Electrical
AD1409030102018	4-Sep-14	1100	15	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX42485	DOM	1100	NA110000035	ST131820	91438	Electrical
AD1409030102018	4-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX42482	DOM	1100	NA110000035	ST133186	91438	Electrical
AD1408190096678	20-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$67.74	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	13	V00000914477	PIKE ENTERPRISES INC	$987.63	3250	1107	2599	5560	3640	MAX41780	DOM	1100	NA110000035	ST131561	91438	Electrical
AD1408190096678	20-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$389.16	3250	1107	2599	5560	3640	MAX41944	DOM	1100	NA110000035	ST126761	91438	Electrical
AD1408190096678	20-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$559.50	3250	1107	2599	5560	3640	MAX41936	DOM	1100	NA110000035	ST126611	91438	Electrical
AD1408040091806	5-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$767.81	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41616	DOM	1100	NA110000035	ST 125060	91438	Electrical
AD1408040091806	5-Aug-14	1100	11	V00000914477	PIKE ENTERPRISES INC	$275.70	3250	1107	2599	5560	3640	MAX41573	DOM	1100	NA110000035	ST129160	91438	Electrical
AD1406090073120	10-Jun-14	1100	2	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$10,362.60	3290	1107	5748	5590	3700	13102402009	DO	1100	NC140000002	Staff Augmentation-John Buck	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409250110039	26-Sep-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$340.99	3250	1107	2502	5560	3650	14090420145	DO	1100	NA110000035	Batch 1624	91438	Electrical
AD1409170106724	18-Sep-14	1100	27	LUC8310706	LUCIDITY CONSULTING GROUP LP	$2,671.20	5010	1100	8322	5260	9230	14040410993	DO	1100	NC140000002	Multiple positions	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$348.02	5010	1100	3212	5560	5982	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1312300028741	31-Dec-13	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,297.16	5010	1100	3708	5560	5930	13121605058	DO	1100	NA120000111	Batch 1498	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$77.05	3250	1107	3628	5560	3660	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1311130014570	14-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$799.74	5010	1100	3212	5560	5982	13110602870	DO	1100	NA100000026	Batch 1485	91232	Construction, Street Lighting
AD1310210006805	22-Oct-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$919.25	3250	1107	2500	5560	3620	13101501420	DO	1100	NA100000026	Batch 1478	91232	Construction, Street Lighting
AD1407100082890	11-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX40735	DOM	1100	NA110000035	ST122490	91438	Electrical
AD1407150084641	16-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$326.39	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$526.42	3250	1107	2599	5560	3640	MAX40885	DOM	1100	NA110000035	ST121294	91438	Electrical
AD1407150084641	16-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$451.40	3250	1107	2599	5560	3640	MAX39375	DOM	1100	NA110000035	ST 126707	91438	Electrical
AD1407150084641	16-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX40989	DOM	1100	NA110000035	ST123102	91438	Electrical
AD1407150084641	16-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$93.25	3250	1107	2599	5560	3640	MAX40988	DOM	1100	NA110000035	ST129141	91438	Electrical
AD1409170106725	18-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$4,627.80	3250	1107	4557	5560	3660	14091120555	DO	1100	NA100000026	Batch 1635	91232	Construction, Street Lighting
AD1409220108671	23-Sep-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$3,157.07	3250	1107	2599	5560	3640	14091520773	DO	1100	NA120000111	Batch 1638	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405220068580	23-May-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$245.47	3250	1107	2599	5560	3640	MAX39470	DOM	1100	NA110000035	ST 123690	91438	Electrical
AD1407010080198	2-Jul-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX40534	DOM	1100	NA110000035	ST127511	91438	Electrical
AD1407010080198	2-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$860.23	3250	1107	2599	5560	3640	MAX40538	DOM	1100	NA110000035	ST127100	91438	Electrical
AD1401020029518	3-Jan-14	1100	1	VS0000029438	ESTATE OF HK HINDE	$53,980.00	5010	1100	1328	5587	9230	13121605001	DO	1100	NA100000079	Lease payment 2014 Round Mouant	97135	Land, Rental or Lease
AD1310150005283	16-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$695.46	3250	1107	2502	5560	3650	13100200374	DO	1100	NA110000035	Batch 1473	91438	Electrical
AD1311050012396	6-Nov-13	6100	5	STA7106205	STANLEY CONSULTANTS INC	$2,707.93	3230	1107	2952	5590	3520	13030509872	DO	6100	PA110000030	Trans. & Substation Relay Protection & Control Svcs.	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1310290010233	30-Oct-13	6100	1	AME8315074	AMEC ENVIRONMENT & INFRASTRUCTURE INC	$5,794.01	5010	1100	1307	5590	9230	13020408210	DO	6100	PA100000043	Walter E. Long Lake Entrainment Characterization & Hydrilla	92535	Environmental Engineering
AD1311050012288	6-Nov-13	1100	1	ABD7148105	RITA ABDELADIM	$13,120.00	3250	1107	3635	5590	3700	13071217327	DO	1100	NC130000002	Staff Agumentation- Yogesh Kate	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1310150005219	16-Oct-13	1100	1	MET7046770	METALINK CORP	$470.00	3290	1107	5313	5560	3900	13062116186	DO	1100	NA080000138	Fencing Installation and Repair Services	98815	Fence Installation and Repair
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,660.48	5010	1100	3212	5560	5982	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1407030081121	7-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$730.84	5010	1100	3212	5560	5982	14062415712	DO	1100	NA100000026	Batch 1590	91232	Construction, Street Lighting
AD1406070072853	9-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$1,404.70	3250	1107	3110	5560	3660	14060314447	DO	1100	NA100000026	Batch 1574	91232	Construction, Street Lighting
AD1311260021626	27-Nov-13	5600	1	LAN8306334	LANGUAGE LINE SERVICES INC	$2,383.53	5010	1100	8821	5280	4172	13042912910	DO	5600	NC130000005	#17029-Interpretations service	92045	Software Maintenance/Support
AD1403050044924	6-Mar-14	6100	1	STA7106205	STANLEY CONSULTANTS INC	$47,294.70	3240	1107	4962	5590	3620	13091121227	DO	6100	PA110000030	Trading Post TP-789 Transformer & Switchgear Unit Addition	92500	Use 92533 ENGINEERING SERVICES, PROFESSIONAL
AD1403130047609	14-Mar-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$649.63	5010	1100	3504	5560	5960	14022508645	DO	1100	NA100000026	Batch 1520	91232	Construction, Street Lighting
AD1406070072896	9-Jun-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,011.89	3250	1107	3586	5560	3730	14051413313	DO	1100	NA110000035	Batch1560	91438	Electrical
AD1408200097315	21-Aug-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$17,607.87	5010	1100	3504	5560	5960	14072417520	DO	1100	NA110000035	Batch 1606	91438	Electrical
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$7,877.30	3250	1107	3597	5560	3730	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1310300010859	31-Oct-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,909.39	3250	1107	3586	5560	3730	13102101737	DO	1100	NA110000035	Batch1477	91438	Electrical
AD1311190017511	20-Nov-13	1100	1	V00000914477	PIKE ENTERPRISES INC	$11,182.28	5010	1100	3212	5560	5982	13110102595	DO	1100	NA110000035	Batch 1484	91438	Electrical
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$2,154.54	3230	1107	3645	5560	3530	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$14,930.55	3250	1107	3110	5560	3660	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$26,470.41	3250	1107	3669	5560	3620	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting

DOC_ID	CHK_EFT_ISS_DT	RF_Doc_Dept	RF_Comm_Ln	VEND_CUST_CD	LGL_NM	chk_ln_am	FUND_CD	DEPT_CD	UNIT_CD	OBJ_CD	ACTV_CD	DOC_ID_1	DOC_CD	DOC_DEPT_CD	AGREE_DOC_ID	DOC_DSCR	COMM_CD	COMM_DSCR
AD1405060063580	7-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$365.42	5010	1100	3212	5560	5982	14042812337	DO	1100	NA100000026	Batch 1551	91232	Construction, Street Lighting
AD1405170066926	19-May-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$5,172.25	5010	1100	3212	5560	5982	14042912395	DO	1100	NA110000035	Batch 1550	91438	Electrical
AD1404190058960	21-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$725.03	5010	1100	3212	5560	5982	14041111492	DO	1100	NA100000026	Batch 1542	91232	Construction, Street Lighting
AD1405150066284	16-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$43,644.31	5010	1100	3710	5560	5710	14050612814	DO	1100	NA120000110	Batch #1555	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405150066304	16-May-14	6100	1	BOM0739250	BOMMARITO GROUP INC (THE)	$3,093.20	5010	1100	1105	5590	9210	11112803754	DO	6100	PA080000069	DPP Admin. Bldg. Renovation & Future Growth Strat. Plan	90652	Interior Design, Space Planning, and Exhibits/Disp
AD1408180096292	19-Aug-14	1100	2	TEX8311381	TEXAS GOVLINK INC	$7,980.00	3290	1107	5760	5725	3910	13102902306	DO	1100	NC140000002	Staff augmentation-Irene Mwathi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1408180096305	19-Aug-14	1100	3	V00000914477	PIKE ENTERPRISES INC	$68.93	3250	1107	2599	5560	3640	MAX41935	DOM	1100	NA110000035	ST130860	91438	Electrical
AD1408180096305	19-Aug-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX41933	DOM	1100	NA110000035	ST131581	91438	Electrical
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$715.52	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1407290089586	30-Jul-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$584.98	5010	1100	3212	5560	5982	14072317431	DO	1100	NA100000026	Batch 1605	91232	Construction, Street Lighting
AD1404050054831	7-Apr-14	1100	1	UNI7154570	UNION PACIFIC RAILROAD CO	$3,055.00	3230	1107	4290	5590	3530	MAX38558	CTM	1100		Rush Permit for Railraod (Union Pacific) CKT 941	96109	Building Permit Services
AD1402190041256	20-Feb-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$913.20	3250	1107	2505	5560	3660	14021107854	DO	1100	NA120000111	Batch 1515	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1402040037740	5-Feb-14	1100	1	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$1,328.00	3250	1107	2501	5560	3650	MAX34433	DOM	1100	NA100000024	TRAFFIC CONTROL N-LINE 2007 MCCALL LN	98176	Traffic Control Equipment and Accessories Rental o
AD1401060030111	7-Jan-14	1100	1	APE8321977	APEX SYSTEMS INC	$13,824.00	3250	1107	3468	5560	3910	13101001147	DO	1100	NC140000002	Staff augmentation-MOhamad Kodeih	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1401210034228	22-Jan-14	1100	1	GEO8306050	GEOSPATIAL INNOVATIONS INC	$12,000.00	5010	1100	3402	5590	5860	13111803475	DO	1100	NA080000197	consulting and tech svcs	91832	CONSULTING SERVICES (NOT OTHERWISE CLASSIFIED)
AD1403250051492	26-Mar-14	1100	3	NLI8310177	N-LINE TRAFFIC MAINTENANCE	$737.75	3250	1107	3445	5560	3660	MAX37961	DOM	1100	NA100000024	TRAFFIC CONTROL	98176	Traffic Control Equipment and Accessories Rental o
AD1405120065314	13-May-14	1100	1	V50000007972	SENTARI TECHNOLOGIES INC	$12,650.00	5010	1100	8322	5725	9230	14031009443	DO	1100	NC140000002	Staff augmentation-Rakesh Myaka	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$1,322.50	3250	1107	2520	5560	3640	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405120065338	13-May-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$98,750.18	5010	1100	3708	5560	5930	14050212684	DO	1100	NA120000111	Batch #1553	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1401220034550	23-Jan-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$9,500.08	5010	1100	3708	5560	5930	14011606579	DO	1100	NA120000111	Batch 1509	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1408300101403	2-Sep-14	1100	2	RFD7081045	RFD & ASSOC INC	$17,149.50	5010	1100	8322	5725	9230	13102301931A	DO	1100	NC140000002	Staff augmentation-Ronald E Evans	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409090103947	10-Sep-14	1100	2	APE8321977	APEX SYSTEMS INC	$16,672.50	3290	1107	5744	5560	3910	13100700797	DO	1100	NC140000002	Staff augmentation-Ricahrd Sarumi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1409090103978	10-Sep-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$240.24	5010	1100	3708	5560	5930	14090219939	DO	1100	NA120000111	Batch #1623	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1404140057213	15-Apr-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$365.71	5010	1100	3415	5560	5700	14040711145	DO	1100	NA100000026	Batch 1540	91232	Construction, Street Lighting
AD1405120065201	13-May-14	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$170.25	3250	1107	3749	5560	3620	14050612797	DO	1100	NA120000111	Batch 1545	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405200067756	21-May-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$964.91	3250	1107	2505	5560	3660	14051313244	DO	1100	NA100000026	Batch 1561	91232	Construction, Street Lighting
AD1409110105021	12-Sep-14	1100	3	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$8,443.60	5010	1100	8322	5725	9230	13102402009	DO	1100	NC140000002	Staff Augmentation-John Buck	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407300090275	31-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$3,886.27	3250	1107	2510	5560	3640	14071717080	DO	1100	NA110000035	Batch 1603	91438	Electrical
AD1407300090320	31-Jul-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$69.02	3250	1107	2501	5560	3660	14072217344	DO	1100	NA120000111	Batch 1604	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409090103857	10-Sep-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$17,468.73	3230	1107	1521	5560	3530	14082619533	DO	1100	NA100000026	Batch 1628	91232	Construction, Street Lighting
AD1409080103580	9-Sep-14	1100	1	ALL7119040	ALLIED CONSULTANTS INC	$6,356.63	5010	1100	8322	5725	9230	14042912383	DO	1100	NC140000002	Staff augmentation- Amir Kacimi	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1403290052738	31-Mar-14	1100	1	WRI8303917	WRIGHT TREE SVC INC	$9,666.91	5010	1100	3708	5560	5930	14031809933	DO	1100	NA120000111	Batch 1529	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405050063190	6-May-14	6100	4	DEN8303211	DENUCCI CONSTRUCTORS L L C	$13,983.99	3060	1107	259	5560	1211	13100300008	CT	6100		3rd St Recon. Phase II - Congress to Brazos & San Jacinto to	91350	Construction, Street (Major and Residential)(Incl Reconstruc
AD1407080081928	9-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$656.82	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	14	V00000914477	PIKE ENTERPRISES INC	$35.14	3250	1107	2599	5560	3640	MAX40325	DOM	1100	NA110000035	ST 124801	91438	Electrical
AD1407080081928	9-Jul-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$7,298.28	3250	1107	2599	5560	3640	MAX40370	DOM	1100	NA110000035	ST127476	91438	Electrical
AD1407080081928	9-Jul-14	1100	34	V00000914477	PIKE ENTERPRISES INC	$409.07	3250	1107	2599	5560	3640	MAX40535	DOM	1100	NA110000035	ST125761	91438	Electrical
AD1407080081928	9-Jul-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$959.28	3250	1107	2599	5560	3640	MAX40529	DOM	1100	NA110000035	ST127701	91438	Electrical
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$7,121.01	3250	1107	2500	5560	3620	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1311230020861	25-Nov-13	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$805.43	3250	1107	2501	5560	3660	13111503398	DO	1100	NA100000026	Batch 1491	91232	Construction, Street Lighting
AD1312140025554	16-Dec-13	1100	1	ASP7019530	ASPLUNDH TREE EXPERT CO	$206,842.82	5010	1100	3708	5560	5930	13120904624	DO	1100	NA120000111	Batch 1493	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1409290110933	30-Sep-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$755.50	5010	1100	1307	5590	9210	12062116487	DO	6100	PA080000085	Holly Sediment Project	92535	Environmental Engineering
AD1409160106223	17-Sep-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$205.42	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	7	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	22	V00000914477	PIKE ENTERPRISES INC	$1,081.20	3250	1107	2599	5560	3640	MAX42848	DOM	1100	NA110000035	ST121352	91438	Electrical
AD1409160106223	17-Sep-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$223.89	3250	1107	2599	5560	3640	MAX42846	DOM	1100	NA110000035	ST132850	91438	Electrical
AD1409160106223	17-Sep-14	1100	16	V00000914477	PIKE ENTERPRISES INC	$220.92	3250	1107	2599	5560	3640	MAX42712	DOM	1100	NA110000035	ST132670	91438	Electrical
AD1409240109439	25-Sep-14	1100	2	CTI8317923	C&T INFORMATION TECHNOLOGY CONSULTING INC	$8,059.80	3290	1107	5748	5590	3700	13102402009	DO	1100	NC140000002	Staff Augmentation-John Buck	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1406050072236	6-Jun-14	1100	2	ASP7019530	ASPLUNDH TREE EXPERT CO	$252.72	3250	1107	2505	5560	3650	14052313906	DO	1100	NA120000111	Batch #1566	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407210087360	22-Jul-14	6100	1	TRC7162035	TRC ENVIRONMENTAL CORP INC	$2,484.50	5010	1100	2221	5590	4171	14032510377	DO	6100	PA080000085	AE Chiller Plant Environmental Noise Analysis/Recommendation	92535	Environmental Engineering
AD1407160085447	17-Jul-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$736.40	3250	1107	2520	5560	3640	MAX40125	DOM	1100	NA110000035	ST125480	91438	Electrical
AD1407160085447	17-Jul-14	1100	5	V00000914477	PIKE ENTERPRISES INC	$47.13	3250	1107	2599	5560	3640	MAX40536	DOM	1100	NA110000035	ST127561	91438	Electrical
AD1407210087407	22-Jul-14	1100	2	VS0000019899	National Human Resource Group, Inc.	$5,236.00	5010	1100	8323	5725	9230	13100100259	DO	1100	NC140000002	Staff augmentation-Cullen Lisbony back fill by Rory Ridley	9613026	TEMPORARY SERVICES FOR THE EMPLOYMENT OF COMPUTER PROGRAMMER
AD1407080081904	9-Jul-14	1100	2	MET7046770	METALINK CORP	$478.00	3290	1107	5313	5560	3900	14022508601	DO	1100	NA140000006	fencing maintenance & repair	98815	Fence Installation and Repair
AD1407070081614	9-Jul-14	1100	1	ADJ8320937	ADJACENT TECHNOLOGIES INC	$1,280.00	5010	1100	1310	5280	9230	13092722411	DO	1100	NC090000043	Technical support and software maintenance.	91829	Computer Software Consulting
AD1406280079586	30-Jun-14	1100	1	MAS7127360	MASTEC NORTH AMERICA INC	$3,837.64	3230	1107	4284	5560	3530	14061815323	DO	1100	NA100000026	Batch 1585	91232	Construction, Street Lighting
AD1406280079648	30-Jun-14	1100	20	V00000914477	PIKE ENTERPRISES INC	$154.06	3250	1107	2599	5560	3640	MAX40123	DOM	1100	NA110000035	ST 124680	91438	Electrical
AD1406280079648	30-Jun-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$180.68	3250	1107	2599	5560	3640	MAX40530	DOM	1100	NA110000035	ST126071	91438	Electrical
AD1406280079648	30-Jun-14	1100	10	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40540	DOM	1100	NA110000035	ST129041	91438	Electrical
AD1407050081203	8-Jul-14	1100	1	VS0000032630	Seaholm Power Development LLC	$1,852.20	3060	1107	257	5560	1211	MAX40807	DOM	1100	NA140000052	PO for remaining balance of contract with Seaholm LLC	91360	Construction, Water System, Main and Service Line
AD1406120074383	13-Jun-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX39838	DOM	1100	NA110000035	ST 125430	91438	Electrical
AD1406120074383	13-Jun-14	1100	19	V00000914477	PIKE ENTERPRISES INC	$154.06	3250	1107	2599	5560	3640	MAX39640	DOM	1100	NA110000035	ST 123280	91438	Electrical
AD1406120074383	13-Jun-14	1100	4	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX39653	DOM	1100	NA110000035	ST 125061	91438	Electrical
AD1405270069524	28-May-14	1100	4	WRI8303917	WRIGHT TREE SVC INC	$3,380.72	3250	1107	3763	5560	3660	14051613496	DO	1100	NA120000111	Batch #1563	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1405270069524	28-May-14	1100	9	WRI8303917	WRIGHT TREE SVC INC	$30,972.30	5010	1100	3708	5560	5930	14050913057	DO	1100	NA120000111	Batch #1559	98887	Tree Trimming, Utility Lines (Energized) OSHA 29CFR 1910.269
AD1407120083595	14-Jul-14	1100	2	V00000914477	PIKE ENTERPRISES INC	$213.11	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1407120083595	14-Jul-14	1100	6	V00000914477	PIKE ENTERPRISES INC	$328.41	3250	1107	2599	5560	3640	MAX40737	DOM	1100	NA110000035	ST129040	91438	Electrical
AD1407120083595	14-Jul-14	1100	8	V00000914477	PIKE ENTERPRISES INC	$102.72	3250	1107	2599	5560	3640	MAX40828	DOM	1100	NA110000035	ST126700	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$2,547.53	3250	1107	2501	5560	3660	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040434	18-Feb-14	1100	1	V00000914477	PIKE ENTERPRISES INC	$22,893.39	3250	1107	3586	5560	3730	14010706007	DO	1100	NA110000035	Batch 1502	91438	Electrical
AD1402150040482	18-Feb-14	6100	2	WES5125100	WESTON SOLUTIONS INC	$98,600.00	3320	1107	7500	5590	3110	8071602240	CT	6100		Holly Street Power Plant Decommissioning	91842	Engineering Consulting
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NXP/Samsung 1-108. Please provide copies of all bond ratings issued by rating agencies and all correspondence between AE and bond rating agencies.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General.

With respect to information from the bond rating agencies, Austin Energy has received information from these parties with whom non-disclosure agreements have been executed. These agreements impose legal restrictions that have implications under the Public Information Act. Specifically, the non-disclosure agreements impact Austin Energy's ability to release certain third-party proprietary information. Austin Energy is following the appropriate steps pursuant to the Public Information Act related to this information.

Notwithstanding the foregoing, the following bond ratings requested are contained below:

	FY15	**FY14**
	Moody's	**Moody's**
Utility revenue bonds - prior lien	Aa1	Aa1
Utility revenue bonds - subordinate lien	Aa2	Aa2
Utility revenue bonds - separate lien: AE	A1	A1
	Standard & Poor's	**Standard & Poor's**
Utility revenue bonds - prior lien	AA	AA
Utility revenue bonds - subordinate lien	AA	AA
Utility revenue bonds - separate lien: AE	AA-	AA-
	Fitch, Inc	**Fitch, Inc**
Utility revenue bonds - prior lien	AA	AA
Utility revenue bonds - subordinate lien	AA-	AA-
Utility revenue bonds - separate lien: AE	AA-	AA-

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 1-109. Will AE issue bonds for proposed gas units or use its reserve funds?

ANSWER:

This question is subject to a pending objection.

Prepared by: -
Sponsored by: -

NXP/Samsung 1-110. Please provide all studies comparing the cash flow method to the debt service coverage to determine return prepared by or contracted for used in the last rate review and in the pending rate review.

ANSWER:

Austin Energy is not aware of any studies comparing the cash flow method to the debt service coverage method to determine return. By utilizing the cash flow method, Austin Energy ensures that it is in compliance with the Austin Energy Financial Policy #17.

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-111. Please provide a daily schedule of cash on hand during the test year.

ANSWER:

Austin Energy does not have a daily schedule of cash on hand during the test year. By agreement of the parties, Austin Energy is providing daily cash on hand on a quarterly basis during the test year.

Days Cash on Hand (includes Strategic Reserve)	Unaudited	Unaudited	Unaudited	Audited
	12/31/2013	3/31/2014	6/30/2014	9/30/2014
DCOH	94	90	78	90

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 1-112. Please provide the decommissioning schedules of Decker Creek, Fayette and Sand Hill.

ANSWER:

The Austin City Council has not determined decommissioning schedules for Decker Creek Power Station, Fayette Power Project, or Sand Hill Energy Center. However, as part of the 2014 *Austin Energy Resource, Generation and Climate Protection Plan to 2025: An Update of the 2020 Plan*, City Council initially targeted Decker Creek steam unit decommissioning to commence in 2018 and decommissioning of the AE share of FPP units 1 and 2 to commence in 2022 or 2023. These target dates were established based on other generation resource additions outlined in the Resource Plan, market forecasts, and potential changes caused by ERCOT reliability analyses and requirements. Retirement timelines for assets are subject to affordability goals, regulatory/reliability requirements, market performance/asset value, and overall risk management needs.

Attachment 1 – Resource, Generation, and Climate Protection Plan to 2025: An Update of the 2020 Plan
Attachment 2 – Appendix A to the Resource Plan to 2025

Prepared by: BE
Sponsored by: Elaina Ball

Austin Energy Resource, Generation and Climate Protection Plan to 2025: An Update of the 2020 Plan

INTRODUCTION

The Austin City Council adopted the Austin Climate Protection Plan (ACPP) in 2007 to build a more sustainable community. Every City department was subsequently tasked to create action plans intended to ensure that departmental operations were consistent with the ACPP. Austin Energy developed a Resource, Generation and Climate Protection Plan to 2020 to meet these objectives, which was approved by City Council in 2010 and further refined in 2011 by Council by adding affordability metrics. As part of that plan, Austin Energy committed to update it every two years.

In April of 2014, City Council passed Resolution No. 20140410-024 (2014 ACPP) that recognized the need to further accelerate the reduction of greenhouse gas emissions beyond the 2007 ACPP standards and set a goal of reaching net zero community-wide greenhouse gas emissions by 2050 preferring to achieve this goal sooner if feasible. Moreover, in April of 2014, the City Council appointed the 2014 Austin Generation Resource Planning Task Force to make recommendations on the utility's generation mix to 2025 and to further set the energy sector of the City of Austin on a glide path to achieve the emissions standards set forth in the 2014 ACPP. On July 9, 2014, the Task Force approved recommendations for updating the Plan. In August of 2014, City Council approved Resolution No. 20140828-157 and Resolution No. 20140828-158, which placed several Task Force recommendations into policy, subject to affordability metrics. Subsequently, based upon the same modeling used for resource planning analysis, Austin Energy performed an affordability analysis of implementing Resolution 157. It showed it would likely result in exceeding Council’s affordability metrics and could cost utility customers $550 million above a business-as-usual case over the next 10 years.

On October 9, 2014, Austin Energy presented the results of its resource planning update, as scheduled, recommending the 500+ Plan, which included many of the Task Force recommendations, expanded renewable generation and replaced the Decker Creek Power Station’s steam units with a highly efficient combined cycle gas turbine unit by 2018. The 500+ Plan showed that local generation is critical to maintaining affordability by providing revenues back to the utility and by moderating local electric market prices.

This document represents recommendations for a resource plan that makes further refinements to the 500+ Plan presented in October and brings together generation and energy demand management options over the planning horizon to the year 2025. Developing the Plan involved extensive analysis by Austin Energy of the expected costs, risks and opportunities to meet the future demand for electricity services by a highly skilled and experienced staff with the help of a calibrated and tested production cost model. The Plan outlined in this document is based on the current understanding of technology and of national, state and local energy policies. The recommendations developed by Austin Energy staff benefited from substantial input from citizens, customer groups, representatives of private industry, utility advisory commissions and the members of the Task Force.

The recommendations are designed to be flexible and dynamic. As the circumstances change, the City and Austin Energy will maintain flexibility to modify elements to respond to a range of factors, including economic conditions, customer load, fuel prices and power supply availability, infrastructure build-out, technological development, law and regulations, policy direction, rate structures and customer

needs. Therefore, the Plan will need to be adapted and modified to manage risk, maintain system and service reliability, achieve policy goals and meet customer demand for excellence in all aspects of service. As each significant implementation step is undertaken, Austin Energy's recommendations to the City Council must be supported by assessment of impacts on all customers and by charting the progress each step will make toward achieving the goals outlined in this Plan.

Austin Energy will review its progress and issue a report on performance against the Plan. Austin Energy should continue to reassess the Plan in a public forum every two years. Every major resource decision and Plan change will, as always, be taken before the City Council for review and authorization.

AUSTIN ENERGY'S MISSION

Outlined below is a description of how the Plan meets each element of Austin Energy's mission *to deliver clean, affordable, reliable energy and excellent customer service*. This Plan demonstrates that customers and the Greater Austin community can indeed expect equitable, economic and environmentally responsible electric services.

Clean. Austin Energy recommends significant actions to promote its clean energy goals by the beginning of 2025. The initial implementation strategy to achieve these goals involves retiring the older, natural gas-fired Decker steam units, replacing them with a new and highly efficient gas plant, along with further investments in local storage, demand response, wind and solar. This new asset will provide the revenue required to escalate the use of renewables, increase energy efficiency, shift load, and begin further investments in energy storage. The Plan also establishes a process for ending the use of coal by starting the retirement of Austin Energy's share of the Fayette Power Project by the end of 2022, contingent upon setting aside a fund to pay off the outstanding debt. The recommended plan will reduce emission rates of nitrogen oxides (NOx), sulfur dioxide (SO_2) and volatile organic compound (VOC) emissions, and contribute positively to compliance with national ambient clean air standards. Finally, by shifting demand, investing in energy efficiency and storage and increasing the use of renewable resources, water use is also reduced, which is of particular importance given climatic change and the availability of water in the Central Texas region.

Affordable. Austin Energy will strive to optimize rates and services in a responsible manner. A fundamental benchmark that will guide implementation of the Plan is affordability. Austin Energy must be financially sound, the cost of electric service must be affordable for all classes of customers (with particular attention to the low income and underserved customers), and rates must be competitive to ensure the retention and attraction of businesses for a strong local economy. As Austin Energy moves forward with implementation of the Plan, customer bills will be compared to those for similar customers in other major metropolitan areas, including, Houston, San Antonio, Dallas-Fort Worth and other areas within the Austin Metropolitan Statistical Area (MSA). The Plan will be subject to keeping overall rates from rising more than 2 percent per year and maintaining a competitive posture. Available data (rates, average monthly bills for residential, commercial and industrial, and other affordability/competitive benchmarks) will be included in Austin Energy's Annual Performance Report.

Reliable. Implementation of the Plan will be guided by power quality and reliability requirements to meet the needs of Austin Energy's current and prospective customers. In serving as a road map, the Plan will respond to system needs, changing technologies and market conditions to ensure consistent power quality and reliability. Transmission and distribution reliability goals will be targeted to meet or exceed

current goals. Power quality and reliability will continue to be detailed in the Annual Performance Report.

Excellent Customer Service. The implementation and ongoing review of the Resource, Generation and Climate Protection Plan to 2025 will be transparent. Through the Annual Performance Report, biennial Plan reassessment and an informed decision making process, the City Council and Austin Energy customers will be provided vital information detailing progress toward goals and any necessary Plan adjustments. The goal in implementing this Plan is to consistently demonstrate, to the highest degree possible, that proposed actions further Austin Energy's mission of providing clean, affordable and reliable energy. Individual programs that help meet those goals—including demand reduction programs and local solar programs—must have easily accessible information available to all Austin residents.

Austin Energy Resource, Generation and Climate Protection Plan to 2025: An Update of the 2020 Plan

PLAN SUMMARY

The following is a summary of the recommended 2025 Generation Plan which provides a path forward for the next 10 years.

The 2025 Generation Plan balances affordability and risk management by using revenues and capacity created by a new 500 MW highly efficient combined cycle plant investment to allow for the retirement of older fossil fuel generation and to support an increase in the amount of renewable energy to 55 percent of customer demand, as well as, investments in local storage and demand response by 2025. This combination offers the potential to provide additional headroom within the affordability metrics to expand other important programs if desired.

The Plan adopts and acts immediately on:

1- Commencing a third party economic and environmental review to replace the Decker steam units and Fayette Power Plant as described in Appendix A.
2- Supporting creation of a cash reserve fund for Fayette Power Project retirement. Reserves would be approved through the budgeting process and targeted to retire Austin's share of the plant beginning in 2022. Retiring Austin's portion of Fayette is contingent upon cash available to pay off debts and other costs associated with retirement while maintaining affordability.
3- Issuing a Request for Proposal for up to 600MW of utility scale solar to commence the process towards a generation portfolio consisting of 55 percent renewable energy.
4- Maintaining the current goal of 800 MW of energy efficiency and Demand Response by 2020, and adding an incremental 100 MW of Demand Response to achieve a total of at least 900 MW of Demand Side Management (DSM) by 2025.
5- Developing an implementation plan for distribution connected local storage of at least 10 MW complemented by as much as 20 MW of thermal storage.

The Plan also recommends the following contingent upon further study, technological development, progress towards goals and rate adjustments or restructuring:

1- An additional 100 MW of Demand Response or energy efficiency to increase the DSM achieved to 1000 MW by 2025.
2- Issuing an RFI for 170 MW of large scale storage such as Compressed Air Energy Storage.

The table below shows the projected resource mix and timing of the recommended 2025 Generation Plan.

Year	Coal	Nuclear	Gas	Local Storage	Demand Response	Demand Side Management	Biomass	Solar	Local Solar	Wind	% Renewables
2015	602	436	1,497				112		63.0[5]	1041	28%
2016								200[4]	13.0[6]	754[7]	51%
2017				1				150	6.0[6]	(91.5)[8]	54%
2018			(235)[3]	1					7.0[6]	(34.5)[8]	53%
2019				1					9.0[6]		53%
2020	(235)[1]			1	100 (cumulative)	700 (cumulative)		200[4]	12.0[6]		57%
2021				1	20				14.0[6]		56%
2022				1	20				16.0[6]		55%
2023	(367)[2]			1	20				18.0[6]	(165.6)[8]	56%
2024				1	20				20.0[6]		52%
2025				2	20			200[4]	22.0[6]		56%
Total Resources	**0**	**436**	**1262**	**10**	**200**	**700**	**112**	**750**	**200[9]**	**1503**	

Note:
1) Equivalent MW reduction of AE's share of Fayette to achieve 20% below 2005 CO_2 levels
2) Retirement of AE's share of Fayette at the end of 2023
3) Net of Retirement of Decker Steam Units and addition of 500 MW Combined Cycle
4) New utility scale solar additions
5) Existing and new local solar additions
6) Total local solar additions including community solar
7) Net of committed wind and new additional wind
8) Expirations of existing wind contracts
9) Additional 90 MWs of Local Solar by 2025 contingent upon affordability evaluation

Fossil Fuel Retirements

This Plan establishes an expectation to reduce carbon dioxide emissions by retiring inefficient fossil fuel plants, beginning with the steam units at the Decker Creek Power Station, and then Austin Energy's share of the Fayette coal-powered plant.

Subject to ERCOT processes, and needed transmission upgrades, this Plan establishes the expected retirement date for the 735 MW of steam units at Decker by the end of 2018.

It is important to note that the analysis shows that it is not feasible to retire the Decker units and Austin Energy's share of the Fayette units without a replacement source within the Austin Energy load zone, which is critical to remaining within the Council's affordability metrics. Decker does not produce a lot of energy or revenue on an annual basis, but it provides a hedge against high prices and has a dampening effect on local energy prices, thus reducing customer bills.

The Fayette Power Project provides roughly 25 percent of Austin Energy's current energy routinely at costs below market prices which produce revenues that reduce customer bills. Reducing and ending Austin Energy's use of coal is contingent on paying off the debt associated with environmental investments that Austin Energy has made in the plant. The 2025 Generation Plan continues to establish a ramp down in production in 2020 to achieve established carbon goals, and anticipates the retirement process in 2022, if funds are available. The recommended Plan will require the establishment of a cash reserve retirement account in advance of the retirement to be funded with available cash as part of the annual budgeting process.

Fossil Fuel Additions

The Plan would add 500 MW of additional gas units by the beginning of 2018 at the Sand Hill Energy Center or Decker. Austin Energy will issue an RFP to select a consultant with the expertise to analyze the ERCOT nodal market using a production cost model to perform an independent review of the 500 MW investment to fully report benefits and risks of this strategy.

Solar

Under the Plan, installed solar capacity would increase to at least 950 MW by 2025, including 200 MW of local solar. To ensure affordability, the Plan recommends implementing a phase down of the residential and commercial incentive programs to achieve the first 110 MW of the local solar goal by 2020, including at least 70 MW of customer-sited solar. Current projected cost declines of solar, technology improvements and financing alternatives and the implementation of supportive solar policies shall be utilized to enable the City to reach the 200 MW goal—including at least 100 MW of customer-sited local solar—by 2025 absent further incentives.

In February 2009, the Council approved a 25-year contract under which Austin Energy purchases the annual output of a 30 MW solar farm built near Webberville on utility property, which went into operation in 2012. In addition, the Plan assumes full build-out of the announced 150 MW of solar power currently contracted with Recurrent Energy that is expected to be online by 2016.

The Plan recommends a new RFP be issued by Austin Energy for up to 600 MW of utility-scale solar in 2015. Austin Energy will contract for up to this amount by 2017, if available and affordable. If not, Austin Energy will continue to pursue the 600 MW of additional utility-scale solar within the 2025 Generation Plan. These additions bring a combined total of 750 MW of utility-scale solar.

Nuclear

The proposed scenario recognizes current ownership levels in the South Texas Project and assumes the

plant continues to provide power through 2025 at Austin Energy's current ownership level.

Biomass

No additional biomass is anticipated in later years. A total of 100 MW of existing biomass-fueled generation is included. The Council has approved a 20-year contract through which Austin Energy purchases the annual output of a 100 MW wood chip-fueled biomass plant northwest of Nacogdoches, Texas.

Demand Response and Energy Efficiency

The projected peak demand takes into account an increase from 800 MW of energy efficiency and load shifting proposed by 2020 to 900 MW by 2025, including 100 MW of additional demand response. However, if affordable and available, Austin Energy would attempt to obtain more energy efficiency and demand reduction and obtain at least 800 MW of energy efficiency and 200 MW of demand response—for a total of 1000 MW—by 2025. Any demand response that is contracted by other parties in Austin Energy's service territory will also count towards the goals established by this plan.

Wind

Austin Energy will continue to be a leader in contracting and using wind energy. Under the 2025 Plan, Austin Energy will pursue additional wind energy PPAs and ownership opportunities. Austin Energy expects to contract a minimum of 450 MW of additional coastal and western wind resources to reach at least 55 percent renewable energy goal by 2025.

Storage

With the recommended Plan, Austin Energy sets in place a comprehensive strategy to become a leader in energy storage. The Plan contemplates Austin Energy will obtain at least 30 MW of local thermal and electrical storage by 2025. In addition, Austin Energy will review additional local and utility-scale storage opportunities.

Additional Objectives and Initiatives

Both the Resource and Climate Protection Plan to 2020 and the 2025 Plan update benefited from review by customers, the Electric Utility Commission, the Resource Management Commission and a Council-appointed Generation Resource Planning Task Force in 2009 and 2014.

Affordability & Due Diligence

1. Austin Energy and this updated Plan will continue to adhere to the affordability goal for rates and services for all classes of customers as approved by City Council in February of 2011.
2. Prior to taking action to acquire a generation resource of 10 MW or more, or an aggregate of 10 MW from a single program, and to the extent practicable and consistent with sound management and financial responsibility, Austin Energy will present such action for approval at least once to each applicable commission and twice to City Council.
3. Promote robust community involvement in revisions to the Austin Energy business model.
4. Ensure that future resource planning advisory or stakeholder groups include representatives of residential and low-income customer advocacy organizations.

Customer Assistance

5. Evaluate the potential to expand energy efficiency and weatherization programs for low income citizens.

Energy Efficiency

6. Continue to evaluate energy efficiency and demand response potential and, if viable and cost-effective, increase the energy efficiency and demand response goal to 1200 MW by 2025.

7. Continue to evaluate the potential for demand response and if viable and cost-effective, increase the demand response goal from 100 MW to 300 MW.

Renewables

8. Study the feasibility to achieve a 65 percent renewable energy goal by 2025.

9. Develop a comprehensive strategy for the deployment and use of local energy storage technologies, including assessment of compressed air energy storage.

Coal

10. Austin Energy will strive to retire its share of the Fayette Power Project as soon as legally, economically and technologically possible. While Austin Energy should continue to talk with LCRA about retiring Units 1 and 2 as soon as economically and technologically feasible, Austin Energy will explore negotiation with LCRA for control of one unit to chart a path toward an early retirement of Austin Energy's share of Fayette starting in 2022.

Natural Gas

11. Continually assess the long-term risk of natural gas price fluctuations.

12. Austin Energy should study methane emissions associated with gas production and delivery and best practices to prevent methane and hydrocarbon leaks in the gas fields.

13. Austin Energy and the City Council should support further regulations in gas fields to prevent leaks and vents of methane because of its severe impacts on climate disruption.

14. Conduct an analysis of the community economic development impact of Austin Energy generation facilities and planned replacements.

15. Conduct an analysis of the use of water by Austin Energy's generation facilities and its impact on the community.

Complementary Strategies

16. Continue work to transform Austin Energy's basic business model to address and integrate increased deployment of distributed energy resources, including distributed energy generation. Among the issues that Austin Energy will address on an on-going basis are unbundled rate structures, service offerings that rely less on volumetric pricing structures, rationalization of fuel charge-related costs, modifications to GreenChoice® product offerings and products and services demonstrated in the Pecan Street Project Energy Internet Demonstration Project. Work to reflect business model changes and opportunities in upcoming reviews of electric rates.

17. Continue active participation in the development and deployment of smart grid technologies, and continue with an active and leadership role in the Pecan Street Project and other partnerships.

18. Continue, and as appropriate, expand efforts to increase electric vehicle utilization and facilitate integration of electric vehicles in the utility service area, and, as able, utilize these vehicles as a valid distributed storage technology.

REGULAR COUNCIL MINUTES THURSDAY, DECEMBER 11, 2014

DISCUSSION ITEMS CONTINUED 10.

Approve an update to the Austin Energy Resource, Generation and Climate Protection Plan. There was a motion made by Council Member Spelman and seconded by Council Member Morrison to approve an update to the Austin Energy Resource, Generation and Climate Protection Plan.

- There was a friendly amendment made by Council Member Martinez to amend the General Plan. The amendment was accepted by the maker and Council Member Morrison, who made the second. Page 6 of 9, under the subheading Solar should read, "Under the plan installed solar capacity would increase to at least 950 megawatts by 2025 including 200 megawatt of local solar. To ensure affordability, the plan recommends implementing a phased down of residential and commercial incentives programs to achieve the first 110 megawatt of local solar goals by 2020, including at least 70 megawatt of customer sited solar. Current projected cost declines of solar energy, technology improvements, finance alternatives and the implementation of supportive solar policies shall be utilizied to enable the City to reach the 200 megawatt goal including at least 100 megawatts of customer sited local solar by 2025 absent further incentives.

- There was a friendly amendment made by Council Member Martinez as follows. The amendment was later withdrawn by Council Member Martinez. Under the 500 Megawatt Plant Decker Replacement Independent Review Process for Procurement and Scope of Work Under the Procurement subheading: The review process under number one and two should read, "1. The Electric Utility Commission (EUC) shall review and make recommendations regarding the scope of work and data assumptions as proposed by Austin Energy (AE) to City Council using the normally adhered to process. 2. AE staff will perform the final approval matrix evaluation and recommend three consultants one of which shall be approved by the City Council." Under the Generation Plan Implementation "Upon completion of the independent study if necessary AE may implement the following." Qualifications of Proposer Add a new bullet to read, "Experience and understanding of unique characteristics of a vertically integrated utility in the notal market under the experience that needs to be demonstrated by the proposer." Scope of Work "Comparison with other scenarios that use a portfolio of storage demand response or renewable energy in lieu of investing in a new plant. The assessment shall result in recommendations to Council of the least costly way or ways of meeting the generation plan when the full environmental costs are considered. Last Section of the Time Line Add to the fourth bullet point, "the preliminary draft report to be reviewed by staff and EUC will be delivered no later than May 29, 2015."

- There was a friendly amendment made by Council Member Tovo to amend the Generation Plan Summary as follows. The amendment was accepted by the maker of the motion and Council Member Morrison, who made the second.

- Inserting a heading titled “Appendix A” into related study titled, “500 MW Plant Decker Replacement Independent Review Process for Procurement and Scope of Work.” There was a friendly amendment made by Council Member Tovo to amend the Generation Plan Summary as follows. The amendment was accepted by the maker of the motion and Council Member Morrison, who made the second.
- On page 4 of 9 replace item 1 to read: “Commencing a third party economic and environmental review as described in Appendix A of options for filling energy and capacity gaps created by the retirement of the Decker steam units and Fayette Power Plant.”

- There was a friendly amendment made by Council Member Martinez to amend the Generation Plan with Appendix A as follows. The amendment was approved by the maker and Council Member Morrison, who made the second.

Appendix A

Background

As part of its 2014 Resource Plan update, Austin Energy (AE) has identified the potential for retirements and additions to its generation fleet. In particular, it projects the potential retirement of 735 MW of steam gas fired generation at its Decker power plant site and the construction of a new combined cycle gas unit with a nominal rating of 500 MW by the end of 2018. AE plans to reduce dispatch beginning in 2020 and retire its share of Fayette Power Project (FPP) (602 MW) by as early as 2023. As part of its plan, AE has committed to sponsor an independent economic and environmental review of the a new gas plant and other options for filling the resulting energy and capacity gaps. In addition to a new gas plant, the review should consider storage, renewables, power purchase, and demand response. The review is intended to provide an economic cost/benefit perspective of the new plant taking into consideration the construction and operating costs, changes in emissions and water usage, along with potential wholesale market revenue and benefits to the AE load zone and costs and risks as further detailed in the scope below. The review is intended to be shared on a public basis provided that certain specific competitive elements may be treated as confidential and shared only in executive sessions or non-public settings

Procurement

The selection of the consultant or proposer shall be performed using the City of Austin procurement process through a competitive Request for Proposal (RFP). The RFP and resultant report by the consultant shall be managed by the office of the Chief Financial Officer at AE. Large binding dollar investments will not be made pending the results of this report. The following reviews and approvals will be contained in the RFP process:

- The Electric Utility Commission (EUC) shall review and make recommendations regarding the scope of work and data assumptions as proposed by Austin Energy to City Council using the normally adhered to process.

- AE staff will perform the final approval matrix evaluation and recommend 3 consultants one of which shall be approved by City Council.

Qualifications of Proposer

Proposer must have ten plus years of analytic experience (individually or corporately) in the areas of wholesale power markets and the financial assessment of power generation facilities in those markets. In particular, the proposer should have a strong track record of conducting such analysis in the framework of competitive wholesale locational marginal price power markets with specific experience in the ERCOT nodal market. Proposer must demonstrate relevant experience and capabilities that include:

- Pro-forma financial analysis for power plant developments as noted above consistent with current industry practices.
- The ability to obtain or provide appropriate data inputs necessary for such analysis, including estimates of power plant construction and operating costs as well as projections of future fuel and power prices.
- The ability to support the analysis based on the use of a production cost model such as UPLAN, PROMOD or MAPs suitable for the ERCOT's nodal power market.
- The ability to analyze environmental risks and costs, including water usage and pollution impacts.
- Familiarity with energy efficiency, demand side management, renewable energy, energy storage, and purchase power agreements.
- Experience providing analytical support for with major domestic or international financing firms/ratings agencies (Fitch, Moody's, S&P) for large investments.
- The ability to use a Monte Carlo analysis for performing sensitivities. Experience in the use of Weibull distributions in engineering economics is preferred.
- Experience and understanding of the unique characteristics of a vertically integrated utility in the nodal market.

Scope of Work

AE seeks a financial assessment of the costs and benefits of a nominal 500 MW natural gas combined cycle plant to be constructed in the Austin area at either its Decker Creek plant site or its Sand Hill Energy Center site to the costs and benefits of alternatives such as, large-scale storage, renewables, purchased power and demand response. The assessment must include the following elements at a minimum:

- Expected and hi/lo sensitivities for construction costs of the gas plant including direct and financing costs
- Projected operation and dispatch of the gas plant that includes:
    - Detailed facility performance characteristics including heat rates, ramp constraints and other relevant operational limits

        - Hourly level dispatch using an appropriate production cost model such as UPLAN, PROMOD or MAPs that considers transmission topology in a security constrained economic dispatch approach based on the ERCOT market.
    - Must include detailed description of the market driver inputs such as load, generating capacity and fuel
    - Expected and hi/lo sensitivities for on-going operating costs including operations and maintenance, fuel, and financing
    - Expected and hi/lo sensitivities for power market prices and plant revenue derived from energy and ancillary services
    - The impact to revenue, cost and associated risks in the AE load zone under scenarios that include:
        - A retirement of its Decker steam units and FPP without a new generator in the Austin Energy load zone
        - A retirement of its Decker steam units with the construction of a new 500 MW gas combined cycle plant at the Decker site
        - A retirement of its Decker steam units with the construction of a new 500 MW gas combined cycle plant at the Sand Hill Energy Center site
        - Comparison with two other scenarios that uses reasonable combinations of energy storage, demand response, or renewable energy in lieu of investing in a new plant
        - Validation of inputs to be used for analysis
        - Other benefits and impacts associated with the alternatives such as:
            - Resultant impact on water use
            - Resultant impact on local criteria pollutants and broader effects of these pollutants
            - Land use impacts at Sand Hill or Decker
            - Revenue benefits and costs to AE customers
            - General fund transfer/tax effects for Austin taxpayers Local Economic impact of project/plant
    - The assessment shall result in recommendations to Council of the costs and impacts of each of the scenarios.

The Base Deliverables desired for this project are:

- a written executive summary of the findings.
- a PowerPoint slide deck of the findings.
- a written report which includes the findings as well as narrative details regarding the findings, methods and assumptions used in the report.
- A minimum of three meetings to be held in the Austin area to present the findings. These meetings may be held on non-consecutive dates over a period of several days or weeks. Optional Deliverables may include:

- Options for Proposer to attend one or more additional meetings in the Austin within the next 90 days.
- Option to perform an assessment of local economic development impacts of the alternatives.

As previously noted, it is AE's intent that the majority of the deliverables will be publicly available. However, proposer may be required to execute a confidentiality agreement in order to receive access to competitive, non-public information from AE and to protect such information as it relates to the deliverables.

Please include the following in your response:

- A list of staff to be involved in the project including resumes and work experience applicable to the requirements
- Workplan and costing for the base deliverables
- Costs for optional deliverables Timeline AE will endeavor to adhere to the following schedule:
  - Present scope to EUC for review on December 15, 2014
  - Present consultant selection to Council Committee on AE (CCAE) for review
  - Review assumptions to be used in analysis with CCAE as soon as available
  - A preliminary draft report to be reviewed by staff and EUC will be delivered no later than May 29, 2015
  - The final report will be delivered for presentation to the EUC, Austin City Council or the CCAE by June 27, 2015.

-- End of Appendix A --

- There was a friendly amendment made by Mayor Pro Tem Cole to have the second paragraph of the above friendly amendment read as follows. The amendment was accepted by the maker of the motion and Council Member Morrison, who made the second.
  - The second paragraph should read, "As part of its plan, AE has committed to sponsor an independent economic and environmental review of the a new gas plant and other options for filling the resulting energy and capacity gaps. In addition to a new gas plant, the review should consider storage, renewables, power purchase, demand response, and energy efficiency. The review is intended to provide an economic cost/benefit perspective of the new plant taking into consideration the construction and operating costs, changes in emissions and water usage, along with potential wholesale market revenue and benefits to the AE load zone and costs and risks as further detailed in the scope below. The review is intended to be shared on a public basis provided that certain specific competitive elements may be treated as confidential and shared only in executive sessions or non-public settings."
- There was a friendly amendment made by Mayor Pro Tem Cole to have number two under the procurement section in the above friendly amendment read, "AE staff will perform the final

approval matrix evaluation, the EUC will provide comments to Council on recommendations and recommend 3 consultants one of which shall be approved by City Council." The amendment was accepted by the maker of the motion and Council Member Morrison, who made the second.

- There was a friendly amendment made by Council Member Tovo to have the first paragraph under procurement section in the above friendly amendment read as follows. The amendment was accepted by the maker of the motion and Council Member Morrison, who made the second. "The selection of the consultant or proposer shall be performed using the City of Austin procurement process through a competitive Request for Proposal (RFP). The RFP and resultant report by the consultant shall be managed by the office of the Chief Financial Officer at AE. Large binding dollar investments will not be made pending the results and Council's acceptance of this report."
- There was a friendly amendment made by Council Member Tovo to amend the paragraph under Fossil Fuel Additions on page 6 of 9 to read as follows. The amendment was not accepted by the maker of the motion. The amendment should read, "Prior to the addition of any gas generation, Austin Energy will issue an RFP to select a consultant with the expertise to analyze the ERCOT nodal market using a production cost model to perform an independent review of the 500 MW investment to fully report benefits and risks of this strategy prior to any large binding dollar investments being made."
- There was an amendment made by Council Member Tovo to amend the paragraph under Fossil Fuel Additions on page 6 of 9 to read as follows. The amendment failed for lack of a second. The amendment should read, "Prior to the addition of any gas generation, Austin Energy will issue an RFP to select a consultant with the expertise to analyze the ERCOT nodal market using a production cost model to perform an independent review of the 500 MW investment to fully report benefits and risks of this strategy prior to any large binding dollar investments being made."
- There was a friendly amendment made by Council Member Spelman to amend the Fossil Fuel Additions paragraph to read, "The Plan would add 500 MW of additional gas units by the beginning of 2018 at the Sand Hill Energy Center or Decker. Austin Energy will issue an RFP to select a consultant with the expertise to analyze the ERCOT nodal market using a production cost model to perform an independent review of the 500 MW investment to fully report benefits and risks of this strategy prior to the addition of any gas generation." The amendment was accepted by Council Member Morrison, who made the second.
- There was a friendly amendment made by Council Member Riley to delete point #2 on page four of nine that reads, "An additional 100MW of local solar for a local solar portfolio of 200MW contingent upon a rate structure that maintains equity among customers." The amendment was accepted by the maker of the motion and Council Member Morrison, who made the second. There was a friendly amendment made by Council Member Martinez to add language that reads, "comparison with a minimum of two but no more than four other scenarios" in the Scope of Work. The amendment was accepted by the maker of the motion and Council Member Morrison, who made the second.

The motion to approve an update to the Austin Energy Resource, Generation and Climate Protection Plan was approved with the above friendly amendments on Council Member Spelman's motion, Council Member Morrison's second on a 6-1 vote. Mayor Leffingwell voted nay.

NXP/Samsung 1-113. Did AE prepare a lead lag study for the pending rate review? If so, please provide a copy of the lead lag study in native format (i.e., Microsoft Excel) and any and all workpapers relied upon in the conduct of the study. If no study was prepared, please explain why no such study was undertaken.

ANSWER:

Austin Energy did not prepare lead-lag studies using test year data. In determining a reasonable allowance for cash working capital, Austin Energy relied on guidance from the Public Utility Commission of Texas (Commission) and used the 1/8th rule. The Commission has found the 1/8 rule to be reasonable in application to municipalities in Project No. 21276. Project No. 21276 Transmission Cost of Service Rate Filing Package for Non-Investor Owned Transmission Service Providers (Non-IOU TCOS RFP) states in Section 1, Schedule B: Rate Base, Schedule B-9 Unbundled Cash Working Capital the following:

The amount to be included will be in accordance with P.U.C Subst. R. 25.231(c)(2)(B)(iii). Municipal utilities, cooperatives, and river authorities shall be allowed to use the one-eighth method to calculate cash working capital allowance.

Prepared by: RM
Sponsored by: Mark Dombroski

NXP/Samsung 1-114. Please provide the workpapers supporting the PSA and Regulatory charges adopted in FY 2015-2016 budget.

ANSWER:

This question is subject to a pending objection. Specifically, this question requests information which is a competitive matter as per the Texas Public Information Act. Austin Energy is seeking an Open Records Letter Ruling from the Texas Attorney General. Additionally, this question requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, Austin Energy is providing the information below:

Attachment 1: FY 2016 Budget Financial Forecast

Prepared by: CG
Sponsored by: Mark Dombroski.

Based on FY2016 Budget Financial Forecast V3.8.0 and Revenue Forecast V3.3

		2016	2017	2018	2019	2020	
Regulatory Expenses							
Transmission		$ 116,837,233	121,826,080	126,814,927	131,803,775	136,792,622	
ERCOT Admin Costs		8,113,736	8,554,158	8,648,385	8,753,010	8,837,541	
CRR Credits		(12,934,874)	(12,934,874)	(12,934,874)	(12,934,874)	(12,934,874)	
		$ 112,016,095	$ 117,445,364	$ 122,528,438	$ 127,621,911	$ 132,695,289	
Less Non Recoverable CBC Expenses		$ 8,616,518	$ 9,030,238	$ 9,443,958	$ 9,857,678	$ 10,271,398	**8% Est. LTC Customers**
Adjusted Regulatory Expenses		$ 103,399,577	$ 108,415,126	$ 113,084,480	$ 117,764,233	$ 122,423,891	
Regulatory Revenue		118,547,420	123,258,973	114,220,778	118,501,260	122,407,764	
(Over)/Under Recovery		$ (15,147,843)	$ (14,843,847)	$ (1,136,298)	$ (737,027)	$ 16,127	
Inception to date (over)/under	29,336,000.00	14,188,157.04	(655,689.98)	(1,791,988.06)	(2,529,015.27)	(2,512,888.54)	

Based on FY2016 Budget Financial Forecast V3.8.1 and Revenue Forecast V3.4

		2016	2017	2018	2019	2020	
Regulatory Expenses							
Transmission		$ 116,837,233	121,826,080	126,814,927	131,803,775	136,792,622	
ERCOT Admin Costs		8,113,736	8,554,158	8,648,385	8,753,010	8,837,541	
CRR Credits		(12,934,874)	(12,934,874)	(12,934,874)	(12,934,874)	(12,934,874)	
		$ 112,016,095	$ 117,445,364	$ 122,528,438	$ 127,621,911	$ 132,695,289	
Less Non Recoverable CBC Expenses		$ 8,616,518	$ 9,030,238	$ 9,443,958	$ 9,857,678	$ 10,271,398	**8% Est. LTC Customers**
Adjusted Regulatory Expenses		$ 103,399,577	$ 108,415,126	$ 113,084,480	$ 117,764,233	$ 122,423,891	
Regulatory Revenue		132,627,587	108,388,260	113,064,341	117,896,766	122,349,454	
(Over)/Under Recovery		(29,228,010)	26,866	20,139	(132,533)	74,437	
Inception to date (over)/under	29,336,000.00	107,990.04	134,856.02	154,994.94	22,461.73	96,898.46	

NXP/Samsung 1-115. Please provide copies of any and all software licensing agreements relating to any of the Excel spreadsheets Austin Energy has employed in its cost of service study. In addition, (a) please provide any and all communications (emails, texts, letters, etc.) between the providers of the software employed in Austin Energy's cost of service filing and Austin Energy and/or the City of Austin Purchasing Department discussing, addressing, or mentioning that the software provided may be considered to be proprietary software; and (b) notes or internal communications within Austin Energy discussing, addressing, or mentioning the proprietary nature of such Excel spreadsheets (i.e., software).

ANSWER:

Please see Attachment 1.

Prepared by: BE
Sponsored by: Mark Dombroski

From: English, Philip (Barksdale)
To: "Grant Rabon"
Subject: RE: SAIC
Date: Thursday, January 14, 2016 2:02:00 PM

Thank you!!

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

Please consider the environment before printing this

-----Original Message-----
From: Grant Rabon [redacted]
Sent: Thursday, January 14, 2016 10:26 AM
To: English, Philip (Barksdale)
Subject: SAIC

Barksdale,

If, after your review, you decide that you need something from SAIC, please feel free to let me facilitate getting it from them, if desired, as you could spend a meaningful amount of time just getting to the right person in that organization.

Sent from my iPhone

Rose, Andrea

From: Maenius, Russell (Rusty) <Rusty.Maenius@austinenergy.com>
Sent: Tuesday, January 19, 2016 10:58 AM
To: Rose, Andrea; English, Philip (Barksdale)
Subject: RE: SAIC Agreement

We should also discuss this with Joe Mancanelli.

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Tuesday, January 19, 2016 10:20 AM
To: English, Philip (Barksdale); Maenius, Russell (Rusty)
Subject: SAIC Agreement

Hey y'all –

Quick question about this license agreement that we have with SAIC. It is currently set to expire later this summer which would mean that we technically wouldn't be able to use the programs past that date. I'm assuming that we would like to continue using this model. Is that an accurate assumption? Right now, I've just drafted a document that gives us the required written permission to share the model. But if we want to keep using the model past this summer we probably should have a broader conversation about what this document should look like.

Sorry to add one more thing to your already over-crowded plates but we should try to get this nailed down in the next couple of days.

Thanks,
Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy
401 W. 2nd Street | Austin, TX 78701 | 512.974.2817 PH | 512.974.6955 FAX

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Rose, Andrea

From: Maenius, Russell (Rusty) <Rusty.Maenius@austinenergy.com>
Sent: Tuesday, January 19, 2016 10:52 AM
To: Rose, Andrea; English, Philip (Barksdale)
Subject: RE: SAIC Agreement

Our intent is to continue to use the model.

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Tuesday, January 19, 2016 10:20 AM
To: English, Philip (Barksdale); Maenius, Russell (Rusty)
Subject: SAIC Agreement

Hey y'all –

Quick question about this license agreement that we have with SAIC. It is currently set to expire later this summer which would mean that we technically wouldn't be able to use the programs past that date. I'm assuming that we would like to continue using this model. Is that an accurate assumption? Right now, I've just drafted a document that gives us the required written permission to share the model. But if we want to keep using the model past this summer we probably should have a broader conversation about what this document should look like.

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Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy
301 W. 2nd Street | Austin, TX 78701 | 512.974.2617 PH | 512.974.6955 FAX

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Rose, Andrea

From: Rose, Andrea
Sent: Tuesday, January 19, 2016 10:20 AM
To: English, Barksdale (Barksdale.English@austinenergy.com); Maenius, Rusty (Rusty.Maenius@austinenergy.com)
Subject: SAIC Agreement
Attachments: Written Permission to Share SAIC Program.docx

Hey y'all –

Quick question about this license agreement that we have with SAIC. It is currently set to expire later this summer which would mean that we technically wouldn't be able to use the programs past that date. I'm assuming that we would like to continue using this model. Is that an accurate assumption? Right now, I've just drafted a document that gives us the required written permission to share the model. But if we want to keep using the model past this summer we probably should have a broader conversation about what this document should look like.

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Thanks,
Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy
301 W. 2nd Street • Austin, TX 78701 • 512.974.2517 PH • 512.974.6958 FAX

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WRITTEN PERMISSION TO SHARE PROGRAMS

On August 22, 2011, the City of Austin, a Texas home-rule municipal corporate, d/b/a Austin Energy ("Austin Energy") and SAIC Energy, Environmental & Infrastructure, LLC ("SAIC"), a _____ limited liability company entered into a Software License Agreement, Utility Cost of Service and Rate Design Study (the "License"). Pursuant to Paragraph 4 of the License, Austin Energy must receive written permission from SAIC before Austin Energy may disclose the licensed program and related documentation (collectively, the "Program") to others.

By this document, SAIC hereby gives Austin Energy SAIC's express written permission to share the Program as deemed necessary by Austin Energy, including but not limited to, permission to publically post and disseminate portions of Austin Energy's 2016 updated Cost of Service model, which incorporates certain elements of the Program.

Such dissemination shall not be a breach of the License; shall not be grounds for termination of the License pursuant to Paragraph 9, Termination; and shall not be an impermissible assignment pursuant to Paragraph 11, Assignment.

From: English, Philip (Barksdale)
To: Rose, Andrea
Subject: RE: Permission to Share Customer Data
Date: Thursday, January 28, 2016 11:42:33 AM
Attachments: image001.png

Excellent, thanks!

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

Please consider the environment before printing this

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 28, 2016 11:38 AM
To: English, Philip (Barksdale)
Subject: RE: Permission to Share Customer Data

I still haven't heard back from SAIC – I'm going to call her now.

From: English, Philip (Barksdale) [mailto:Barksdale.English@austinenergy.com]
Sent: Thursday, January 28, 2016 11:37 AM
To: Rose, Andrea
Subject: FW: Permission to Share Customer Data
Importance: High

Wowzer.

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

Please consider the environment before printing this

From: Davis, Kerri
Sent: Thursday, January 28, 2016 11:36 AM
To: Kimberly, Deborah (Debbie); Dombroski, Mark; Dreyfus, Mark; English, Philip (Barksdale); Maenius, Russell (Rusty)
Cc: Cumings, Susie (Suzanne)

Subject: FW: Permission to Share Customer Data
Importance: High

We now have permission from all customers and can publish the rate model!

From: Bonner, Dan [mailto:dan.bonner@hpe.com]
Sent: Thursday, January 28, 2016 11:24 AM
To: Cumings, Susie (Suzanne)
Cc: Davis, Kerri
Subject: RE: Permission to Share Customer Data

Susie and Kerri, attached please find the approve authorization to share our utility information for a Primary <3MW rate class information.

Please advise if I can be of any further assistance.

Regards,
Dan

From: Cumings, Susie (Suzanne) [mailto:Susie.Cumings@austinenergy.com]
Sent: Friday, January 22, 2016 3:46 PM
To: Bonner, Dan
Cc: Davis, Kerri
Subject: Permission to Share Customer Data
Importance: High

Dear Dan,

As you know, Austin Energy recently completed a cost of service study as part of its ongoing rate review process. In order to allow all parties to fully participate in this process, especially in front of the impartial hearing examiner, Austin Energy anticipates releasing a full working version of the model used in the cost of service study. However, before Austin Energy can do so, we need to your written permission to share certain historical customer information generated during the City's FY 2014, including annual KW demand, annual kWh usage and the total amounts paid for same. While your company is not identified by name in the model, given the number of customers in some classes, it may possible for other entities to determine your identity and discover your electric usage.

We have attached a form for signature that would give us permission to share this information. However, in recognition of the time-sensitive nature of the release of the model and the amount of time that it might take to get the attached form signed, we are requesting that you respond to this email using the text provided below and affirm that Hewlett Packard will execute the attached form as quickly as possible and that in the meantime, Hewlett Packard authorizes Austin Energy to release a working copy of the model which will show your company's historical data.

Please let us know if you have any questions.

_____, on behalf of _____, affirms that _____ will execute the attached form. Prior to the execution of this form this email shall serve as _____'s authorization to Austin Energy to release, as part of the working cost of service model, certain historical customer information generated during the City's FY 2014, including annual KW demand, annual kWh usage and the total amounts paid for same.

Thanks Dan!!

Susie

Susie Cumings | Key Account Manager | Austin Energy | 512-972-7626 office | 512-560-1307 cell
721 Barton Springs Road #228 | Austin Texas | 78704

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From: English, Philip (Barksdale)
To: Davis, Kerri; Kimberly, Deborah (Debbie); Dombroski, Mark; Dreyfus, Mark; Maenius, Russell (Rusty)
Cc: Cumings, Susie (Suzanne); Rose, Andrea
Subject: RE: Permission to Share Customer Data
Date: Thursday, January 28, 2016 11:40:12 AM
Attachments: image001.png

Thanks Kerri and Susie!

I'm adding Andrea Rose to the thread.

Please note, we still don't have full sign off from Leidos (formerly SAIC) which owns the license agreement. Andrea is calling for follow-up today and hopefully we'll be able to get this up in the next few days.

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

From: Davis, Kerri
Sent: Thursday, January 28, 2016 11:36 AM
To: Kimberly, Deborah (Debbie); Dombroski, Mark; Dreyfus, Mark; English, Philip (Barksdale); Maenius, Russell (Rusty)
Cc: Cumings, Susie (Suzanne)
Subject: FW: Permission to Share Customer Data
Importance: High

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Sent: Thursday, January 28, 2016 11:24 AM
To: Cumings, Susie (Suzanne)
Cc: Davis, Kerri
Subject: RE: Permission to Share Customer Data

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Regards,
Dan

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Thanks Dan!!

Susie

Key Account Manager | Austin Energy | 512-972-7626 office | 512-560-

Susie Cumings |
1307 cell
721 Barton Springs Road #228 | Austin Texas | 78704

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From: Rose, Andrea
To: English, Philip (Barksdale)
Subject: RE: Permission to Share Customer Data
Date: Thursday, January 28, 2016 11:38:04 AM
Attachments: image001.png

I still haven't heard back from SAIC – I'm going to call her now.

From: English, Philip (Barksdale) [mailto:Barksdale.English@austinenergy.com]
Sent: Thursday, January 28, 2016 11:37 AM
To: Rose, Andrea
Subject: FW: Permission to Share Customer Data
Importance: High

Wowzer.

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

From: Davis, Kerri
Sent: Thursday, January 28, 2016 11:36 AM
To: Kimberly, Deborah (Debbie); Dombroski, Mark; Dreyfus, Mark; English, Philip (Barksdale); Maenius, Russell (Rusty)
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Importance: High

Dear Dan,

As you know, Austin Energy recently completed a cost of service study as part of its ongoing rate review process. In order to allow all parties to fully participate in this process, especially in front of the impartial hearing examiner, Austin Energy anticipates releasing a full working version of the model used in the cost of service study. However, before Austin Energy can do so, we need to your written permission to share certain historical customer information generated during the City's FY 2014, including annual KW demand, annual kWh usage and the total amounts paid for same. While your company is not identified by name in the model, given the number of customers in some classes, it may possible for other entities to determine your identity and discover your electric usage.

We have attached a form for signature that would give us permission to share this information. However, in recognition of the time-sensitive nature of the release of the model and the amount of time that it might take to get the attached form signed, we are requesting that you respond to this email using the text provided below and affirm that Hewlett Packard will execute the attached form as quickly as possible and that in the meantime, Hewlett Packard authorizes Austin Energy to release a working copy of the model which will show your company's historical data.

Please let us know if you have any questions.

_____, on behalf of _____, affirms that _____ will execute the attached form. Prior to the execution of this form this email shall serve as _____'s authorization to Austin Energy to release, as part of the working cost of service model, certain historical customer information generated during the City's FY 2014, including annual KW demand, annual kWh usage and the total amounts paid for same.

Thanks Dan!!

Susie

Key Account Manager | Austin Energy | 512-972-7626 office | 512-560-

Susie Cumings |
1307 cell
721 Barton Springs Road #228 | Austin Texas | 78704

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From: English, Philip (Barksdale)
To: "Paul Smolen"
Subject: RE: AE Rates
Date: Friday, January 29, 2016 8:08:00 AM

Hi Paul,
We're working on clearing a memo through the city manager's office that would accompany the revised procedural rules and our proposed schedule. Our aim was to have those posted yesterday, but our discussions with the manager's office continue into this morning. I hope we can have those items out today but am leery of committing to the timeline and not meeting it.

With regard to the live excel model, we now have the necessary confidentiality releases from our customers but we remain in negotiations with Leidos to be able to release the model. Leidos holds the software license agreement and have thus far been unwilling to accommodate our request to allow for the public release of the model. We expect more discussions with them today and our fingers are crossed that we can find a common ground.

As an interim step, we are putting together a plan that would allow folks to come into our office and have full access to the model while they are here. I know that's not as convenient as some alternatives but perhaps it's better than the pdf model that's out there right now.

Any thoughts on if or when your clients might intervene?

Have a great weekend.

Best,
Barksdale

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

Please consider the environment before printing this

From: Paul Smolen [redacted]
Sent: Friday, January 29, 2016 7:47 AM
To: English, Philip (Barksdale)
Subject: AE Rates

Any idea when the spreadsheets, AE's revised procedural rules and AE's revised schedule will be posted?

Thanks,

Paul

Paul N. Smolen
[redacted]

From: English, Philip (Barksdale)
To: Maenius, Russell (Rusty); Oberwortmann, John
Cc: Rose, Andrea; Dreyfus, Mark
Subject: FW: AE
Date: Monday, February 01, 2016 5:07:17 PM

We received the amendment to the license agreement with Leidos (SAIC) this morning. I believe we can now post the model publicly. Let's discuss in the morning what steps we need to take to get this ready. Thanks.

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Monday, February 01, 2016 11:02 AM
To: Prociv, Samantha J.
Cc: Burnham, Scott H.; English, Philip (Barksdale); Joe Mancinelli
Subject: RE: AE

Samantha –

Thank you so much for your consideration. We really appreciate your cooperation.

Have a great Monday,
Andrea

Andrea D. Rose | Attorney – Law Department | Austin Energy

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From: Prociv, Samantha J. [mailto:SAMANTHA.J.PROCIV@leidos.com]
Sent: Monday, February 01, 2016 10:59 AM
To: Rose, Andrea
Cc: Burnham, Scott H.; English, Philip (Barksdale); Joe Mancinelli
Subject: RE: AE

Andrea,

I went ahead and made the edits to the name but removed the language requiring anyone who utilizes the model to be bound by the terms of the license agreement since this will be released to the public. After careful consideration and review, please find attached the signed agreement.

If you have any questions or need to discuss anything further, please don't hesitate to give me a call.

Thank you,

Samantha J. Prociv | Leidos
Contracts Representative Leidos Engineering LLC
phone: 206.695.4615
mob : 206.349.7812
samantha.j.prociv@leidos.com leidos.com/engineering

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Tuesday, January 26, 2016 8:18 AM
To: Prociv, Samantha J. <SAMANTHA.J.PROCIV@leidos.com>
Cc: Burnham, Scott H. <SCOTT.H.BURNHAM@leidos.com>; English, Philip (Barksdale) <Barksdale.English@austinenergy.com>; Joe Mancinelli <jmancinelli@newgenstrategies.net>
Subject: RE: AE

Samantha

Thank you so much for getting back to me. We obviously don't have any issues with changing the name but I do have some concerns about your addition that would require anyone who wants to utilize the model to agree to be bound by the terms of the license agreement. As a publicly owned utility, Austin Energy is striving to have as transparent a process as possible as it looks to resetting its base rates. To that end, Austin Energy hopes to make the full working model available to the public, to allow those who are interested to investigate Austin Energy's allocation decisions etc. My understanding is that when this agreement was initially signed in 2011, it was at the request of Austin Energy, which at the time was taking a different approach to handling data during the 2011/2012 rate case.

We really appreciate your working with us on this issue and hope that Leidos will be able to reconsider its position on requiring anyone who wishes to usé the model to agree to be bound by the terms of the license.

Thanks again,
Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy

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From: Prociv, Samantha J. [mailto:SAMANTHA.J.PROCIV@leidos.com]
Sent: Monday, January 25, 2016 5:39 PM
To: Rose, Andrea
Cc: Burnham, Scott H.
Subject: RE: AE

Hi Andrea,

Thanks for sending the license agreement over. Ive reviewed the written permission and have made a few clarifying edits to the release. Please take a look and let me know if you have any concerns. If not, we'll sign it and send it over as soon as I hear from you,

Thank you,

Samantha J. Prociv | Leidos
Contracts Representative Leidos Engineering LLC
phone 206 695 4615
mobile 206 349 7812
samantha.j.prociv@leidos.com leidos.com/engineering

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Monday, January 25, 2016 10:08 AM
To: Prociv, Samantha J. <SAMANTHA.J.PROCIV@leidos.com>
Cc: Burnham, Scott H. <SCOTT.H.BURNHAM@leidos.com>
Subject: RE: AE

Samantha –

Here is the license agreement.

Thanks so much for your help!

Andrea

Andrea D. Rose | Attorney – Law Department | Austin Energy

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From: Prociv, Samantha J. [mailto:SAMANTHA.J.PROCIV@leidos.com]
Sent: Monday, January 25, 2016 12:04 PM
To: Rose, Andrea
Cc: Burnham, Scott H.
Subject: FW: AE

Hi Andrea,

Scott forwarded your request to me. I was looking through our contracts and project files last week and could not seem to locate the software license that you referenced in the permission document. Would it be possible to get a copy of what you're referencing?

Thank you,

Samantha J. Prociv | Leidos
Contracts Representative Leidos Engineering, LLC
phone 206 695 4615
mobile 206 349 7812
samantha.j.prociv@leidos.com leidos.com/engineering

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Friday, January 22, 2016 12:23 PM
To: Burnham, Scott H.; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Hey Scott –

Any word back from the necessary department? If you are comfortable passing a name along to me, I'm happy to be the pest!

Thanks so much,
Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy

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From: Burnham, Scott H. [mailto:SCOTT.H.BURNHAM@leidos.com]
Sent: Thursday, January 21, 2016 1:04 PM
To: Rose, Andrea; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Andrea
I have forwarded the request to the appropriate department within the company. I have not heard a definitive response, but will follow up this afternoon to express your urgency. I will send along your contact information as well.
Thanks for the note and I will let you know what I hear.
Let me know if you have any questions.
Thanks
Scott

Scott H. Burnham | Leidos
Managing Director | Energy Consulting
phone: 303.299.5342
mobile: 303.902.9174

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 21, 2016 11:58 AM
To: Grant Rabon; Burnham, Scott H.
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Scott --

Thanks for working with us on this. Please let me know if you have any questions; I'm happy to chat with you or with anyone else. We are hoping to release the model in the next few days so your help in getting this turned around quickly is greatly appreciated.

Thanks again,
Andrea

Andrea D. Rose | Attorney – Law Department | Austin Energy

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From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Wednesday, January 20, 2016 12:36 PM
To: Burnham, Scott H.
Cc: Joe Mancinelli; Rose, Andrea; English, Philip (Barksdale)
Subject: AE

Scott -

I've attached here a simple document that will give Austin Energy permission to share the model that SAIC created for AE back in 2011. Please let me know if you have any additional questions or concerns.

Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

From: Prociv, Samantha J.
To: Rose, Andrea
Cc: Burnham, Scott H.; English, Philip (Barksdale); Joe Mancinelli
Subject: RE: AE
Date: Monday, February 01, 2016 10:58:35 AM
Attachments: km001.pdf

Andrea,

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If you have any questions or need to discuss anything further, please don't hesitate to give me a call.

Thank you,

Samantha J. Prociv | Leidos
Contracts Representative | Leidos Engineering, LLC
phone: 2[illegible] 595 4616
mobile: [illegible] 349 7812
samantha.j.prociv@leidos.com leidos.com/engineering

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Tuesday, January 26, 2016 8:18 AM
To: Prociv, Samantha J. <SAMANTHA.J.PROCIV@leidos.com>
Cc: Burnham, Scott H. <SCOTT.H.BURNHAM@leidos.com>; English, Philip (Barksdale) <Barksdale.English@austinenergy.com>; Joe Mancinelli <jmancinelli@newgenstrategies.net>
Subject: RE: AE

Samantha

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We really appreciate your working with us on this issue and hope that Leidos will be able to reconsider its position on requiring anyone who wishes to use the model to agree to be bound by the terms of the license.

Thanks again,

Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy

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From: Prociv, Samantha J. [mailto:SAMANTHA.J.PROCIV@leidos.com]
Sent: Monday, January 25, 2016 5:39 PM
To: Rose, Andrea
Cc: Burnham, Scott H.
Subject: RE: AE

Hi Andrea,

Thanks for sending the license agreement over. Ive reviewed the written permission and have made a few clarifying edits to the release. Please take a look and let me know if you have any concerns. If not, we'll sign it and send it over as soon as I hear from you,

Thank you,

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Contracts Representative Leidos Engineering, LLC
phone 206.695.4515
mobile 206.349.7612
samantha.j.prociv@leidos.com

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Sent: Monday, January 25, 2016 10:08 AM
To: Prociv, Samantha J. <SAMANTHA.J.PROCIV@leidos.com>
Cc: Burnham, Scott H. <SCOTT.H.BURNHAM@leidos.com>
Subject: RE: AE

Samantha –

Here is the license agreement.

Thanks so much for your help!

Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy

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Sent: Monday, January 25, 2016 12:04 PM
To: Rose, Andrea
Cc: Burnham, Scott H.
Subject: FW: AE

Hi Andrea,

Scott forwarded your request to me. I was looking through our contracts and project files last week and could not seem to locate the software license that you referenced in the permission document. Would it be possible to get a copy of what you're referencing?

Thank you,

Samantha J. Prociv | Leidos
Contracts Representative | Leidos Engineering, LLC
phone: 210.685.x8613
mobile: 210.849.7812
samantha.j.prociv@leidos.com leidos.com/engineering

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Friday, January 22, 2016 12:23 PM
To: Burnham, Scott H.; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Hey Scott –

Any word back from the necessary department? If you are comfortable passing a name along to me, I'm happy to be the pest!

Thanks so much,
Andrea

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From: Burnham, Scott H. [mailto:SCOTT.H.BURNHAM@leidos.com]
Sent: Thursday, January 21, 2016 1:04 PM
To: Rose, Andrea; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Andrea
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Thanks for the note and I will let you know what I hear.
Let me know if you have any questions.
Thanks
Scott

Scott H. Burnham | Leidos
Managing Director | Energy Consulting
phone 303.299.5342
mobile 303.902.9174

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 21, 2016 11:58 AM
To: Grant Rabon; Burnham, Scott H.
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Scott –

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Thanks again,
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Andrea D. Rose | Attorney – Law Department | Austin Energy

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From: Grant Rabon [mailto:grabon@newgenstrategies.net]

Sent: Wednesday, January 20, 2016 12:36 PM
To: Burnham, Scott H.
Cc: Joe Mancinelli; Rose, Andrea; English, Philip (Barksdale)
Subject: AE

Scott -

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Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

WRITTEN PERMISSION TO SHARE PROGRAMS

On August 22, 2011, the City of Austin, a Texas home-rule municipal corporate, d/b/a Austin Energy ("Austin Energy") and Leidos Engineering, LLC (formerly known as SAIC Energy, Environmental & Infrastructure, LLC) ("Leidos"), a Delaware limited liability company entered into a Software License Agreement, Utility Cost of Service and Rate Design Study (the "License"). Pursuant to Paragraph 4 of the License, Austin Energy must receive written permission from Leidos before Austin Energy may disclose the licensed program and related documentation (collectively, the "Program") to others.

By this document, Leidos hereby gives Austin Energy Leidos' express written permission to share the Program as deemed necessary by Austin Energy, including but not limited to, permission to publically post and disseminate portions of Austin Energy's 2016 updated Cost of Service model, which incorporates certain elements of the Program.

Such dissemination shall not be a breach of the License; shall not be grounds for termination of the License pursuant to Paragraph 9, Termination; and shall not be an impermissible assignment pursuant to Paragraph 11, Assignment.

Signed by: _____

Title: S. Kreg K. McCollum, Vice President

Date signed: 1/29/16

From: Prociv, Samantha J.
To: Rose, Andrea
Subject: RE: AE
Date: Thursday, January 28, 2016 5:52:47 PM

Andrea,

I wanted to let you know that I'm looking into a few things based on your response below. The fact that you would be publishing the model in its entirety to the public could potentially affect other contracts that we hold so Im looking into whether that's an issue. I'm hoping to have a response to you tomorrow.

Thank you for your understanding,

Samantha J. Prociv | Leidos
Contracts Representative | Leidos Engineering, LLC
phone: 206.695.4615
mobile: 206.349.7812
samantha.j.prociv@leidos.com leidos.com/engineering

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Samantha J. Prociv | Leidos
Contracts Representative | Leidos Engineering, LLC
phone: 203 695 43[illegible]
mobile: 206 543 7[illegible]
samantha.j.prociv@leidos.com [illegible]

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Cc: Burnham, Scott H. <SCOTT.H.BURNHAM@leidos.com>
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Scott H. Burnham | Leidos
Managing Director - Energy Consulting
phone 303 299 5342
mobile 303 502 8174

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 21, 2016 11:58 AM
To: Grant Rabon; Burnham, Scott H.
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Scott –

Thanks for working with us on this. Please let me know if you have any questions; I'm happy to chat with you or with anyone else. We are hoping to release the model in the next few days so your help in getting this turned around quickly is greatly appreciated.

Thanks again,
Andrea

Andrea D. Rose | Attorney – Law Department | Austin Energy

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From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Wednesday, January 20, 2016 12:36 PM
To: Burnham, Scott H.
Cc: Joe Mancinelli; Rose, Andrea; English, Philip (Barksdale)

Subject: AE

Scott -

I've attached here a simple document that will give Austin Energy permission to share the model that SAIC created for AE back in 2011. Please let me know if you have any additional questions or concerns.

Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

From: Rose, Andrea
To: Prociv, Samantha J.
Cc: Burnham, Scott H.; English, Philip (Barksdale); Joe Mancinelli
Subject: RE: AE
Date: Tuesday, January 26, 2016 10:18:05 AM

Samantha –

Thank you so much for getting back to me. We obviously don't have any issues with changing the name but I do have some concerns about your addition that would require anyone who wants to utilize the model to agree to be bound by the terms of the license agreement. As a publicly owned utility, Austin Energy is striving to have as transparent a process as possible as it looks to resetting its base rates. To that end, Austin Energy hopes to make the full working model available to the public, to allow those who are interested to investigate Austin Energy's allocation decisions etc. My understanding is that when this agreement was initially signed in 2011, it was at the request of Austin Energy, which at the time was taking a different approach to handling data during the 2011/2012 rate case.

We really appreciate your working with us on this issue and hope that Leidos will be able to reconsider its position on requiring anyone who wishes to use the model to agree to be bound by the terms of the license.

Thanks again,
Andrea

Andrea D. Rose | Attorney – Law Department | Austin Energy

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From: Prociv, Samantha J. [mailto:SAMANTHA.J.PROCIV@leidos.com]
Sent: Monday, January 25, 2016 5:39 PM
To: Rose, Andrea
Cc: Burnham, Scott H.
Subject: RE: AE

Hi Andrea,

Thanks for sending the license agreement over. Ive reviewed the written permission and have made a few clarifying edits to the release. Please take a look and let me know if you have any concerns. If not, we'll sign it and send it over as soon as I hear from you,

Thank you,

Samantha J. Prociv | Leidos

Contracts Representative | Leidos Engineering, LLC
phone: 206.695.4615
mobile: 206.349.7812
samantha.j.prociv@leidos.com | leidos.com/engineering

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Monday, January 25, 2016 10:08 AM
To: Prociv, Samantha J. <SAMANTHA.J.PROCIV@leidos.com>
Cc: Burnham, Scott H. <SCOTT.H.BURNHAM@leidos.com>
Subject: RE: AE

Samantha –

Here is the license agreement.

Thanks so much for your help!

Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy

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From: Prociv, Samantha J. [mailto:SAMANTHA.J.PROCIV@leidos.com]
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To: Rose, Andrea
Cc: Burnham, Scott H.
Subject: FW: AE

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Thank you,

Samantha J. Prociv | Leidos
Contracts Representative | Leidos Engineering, LLC
phone: 206.695.4615
mobile: 206.349.7812

samantha.j.prociv@leidos.com | leidos.com/engineering

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Friday, January 22, 2016 12:23 PM
To: Burnham, Scott H.; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Hey Scott –

Any word back from the necessary department? If you are comfortable passing a name along to me, I'm happy to be the pest!

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Andrea D. Rose | Attorney – Law Department | Austin Energy

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From: Burnham, Scott H. [mailto:SCOTT.H.BURNHAM@leidos.com]
Sent: Thursday, January 21, 2016 1:04 PM
To: Rose, Andrea; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

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Thanks for the note and I will let you know what I hear
Let me know if you have any questions.
Thanks
Scott

Scott H. Burnham | Leidos
Managing Director - Energy Consulting
phone: 303.299.5342
mobile: 303.902.917

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 21, 2016 11:58 AM
To: Grant Rabon; Burnham, Scott H.
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Scott –

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Sent: Wednesday, January 20, 2016 12:36 PM
To: Burnham, Scott H.
Cc: Joe Mancinelli; Rose, Andrea; English, Philip (Barksdale)
Subject: AE

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Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

Rose, Andrea

From: Prociv, Samantha J. <SAMANTHA.J.PROCIV@leidos.com>
Sent: Monday, January 25, 2016 5:39 PM
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Subject: RE: AE
Attachments: Written Permission to Share SAIC Program.docx

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samantha.j.prociv@leidos.com

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Samantha J. Prociv | Leidos
Contracts Representative | Leidos Engineering, LLC
phone: 210.695.3115
mobile: 210.319.7812
samantha.j.prociv@leidos.com

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Friday, January 22, 2016 12:23 PM
To: Burnham, Scott H.; Grant Rabon
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Thanks for the note and I will let you know what I hear.
Let me know if you have any questions.
Thanks
Scott

Scott H. Burnham | Leidos
Managing Director | Energy Consulting
phone: 303.299.5342
mobile: 303.902.9174

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 21, 2016 11:58 AM
To: Grant Rabon; Burnham, Scott H.
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Scott –

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Andrea D. Rose| Attorney – Law Department | Austin Energy
301 W. 2nd Street | Austin, TX 78701 | 512.974.2512 PH | 512.474.6958 FAX

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Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
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NewGen Strategies & Solutions

WRITTEN PERMISSION TO SHARE PROGRAMS

On August 22, 2011, the City of Austin, a Texas home-rule municipal corporate, d/b/a Austin Energy ("Austin Energy") and Leidos Engineering, LLC (formerly known as SAIC Energy, Environmental & Infrastructure, LLC) ("~~SAIC~~Leidos"), a Delaware limited liability company entered into a Software License Agreement, Utility Cost of Service and Rate Design Study (the "License"). Pursuant to Paragraph 4 of the License, Austin Energy must receive written permission from ~~SAIC~~ Leidos before Austin Energy may disclose the licensed program and related documentation (collectively, the "Program") to others.

By this document, ~~SAIC~~ Leidos hereby gives Austin Energy ~~SAIC's~~ Leidos' express written permission to share the Program as deemed necessary by Austin Energy, including but not limited to, permission to publically post and disseminate portions of Austin Energy's 2016 updated Cost of Service model, which incorporates certain elements of the Program; providing any disclosure of the Program must be disseminated within the terms of the License and any third party provided access must also abide by the terms of the License.~~,~~

Such dissemination shall not be a breach of the License; shall not be grounds for termination of the License pursuant to Paragraph 9, Termination; and shall not be an impermissible assignment pursuant to Paragraph 11, Assignment.

Signed by: _____

Title: _____

Date signed: _____

From: Rose, Andrea
To: English, Philip (Barksdale)
Subject: FW: AE
Date: Monday, January 25, 2016 5:41:09 PM
Attachments: Written Permission to Share SAIC Program.docx

We can discuss when I get across the river.

Thanks,
ADR

From: Prociv, Samantha J. [mailto:SAMANTHA.J.PROCIV@leidos.com]
Sent: Monday, January 25, 2016 5:39 PM
To: Rose, Andrea
Cc: Burnham, Scott H.
Subject: RE: AE

Hi Andrea,

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Contracts Representative | Leidos Engineering, LLC
phone 206 695 4615
mob 206 349 7812
samantha.j.prociv@leidos.com leidos.com/engineering

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Sent: Monday, January 25, 2016 10:08 AM
To: Prociv, Samantha J. <SAMANTHA.J.PROCIV@leidos.com>
Cc: Burnham, Scott H. <SCOTT.H.BURNHAM@leidos.com>
Subject: RE: AE

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Samantha J. Prociv | Leidos
Contracts Representative | Leidos Engineering, LLC
phone: 210.805.2915
mobile: 208.749.1812
samantha.j.prociv@leidos.com 6404 Wilcrest, Ste. 200

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Friday, January 22, 2016 12:23 PM
To: Burnham, Scott H.; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Hey Scott –

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Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

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Scott

Scott H. Burnham | Leidos
Managing Director - Energy Consulting
phone: 303.299.6342
mobile: 303.702.9174

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Sent: Thursday, January 21, 2016 11:58 AM
To: Grant Rabon; Burnham, Scott H.
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

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Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

From: Rose, Andrea
To: English, Philip (Barksdale)
Subject: FW: AE
Date: Monday, January 25, 2016 12:07:42 PM
Attachments: SAIC software license agreement.pdf

FYI

From: Rose, Andrea
Sent: Monday, January 25, 2016 12:08 PM
To: 'Prociv, Samantha J.'
Cc: Burnham, Scott H.
Subject: RE: AE

Samantha –

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Date: Monday, January 25, 2016 12:07:35 PM
Attachments: SAIC software license agreement.pdf

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Subject: RE: AE

Andrea
I have forwarded the request to the appropriate department within the company. I have not heard a definitive response, but will follow up this afternoon to express your urgency I will send along your contact information as well
Thanks for the note and I will let you know what I hear
Let me know if you have any questions.
Thanks
Scott

Scott H. Burnham | Leidos
Managing Director | Energy Consulting
phone 202 480 6542
cell [illegible]

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 21, 2016 11:58 AM
To: Grant Rabon; Burnham, Scott H.
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Scott –

Thanks for working with us on this. Please let me know if you have any questions; I'm happy to chat with you or with anyone else. We are hoping to release the model in the next few days so your help in getting this turned around quickly is greatly appreciated.

Thanks again,
Andrea

Andrea D. Rose | Attorney – Law Department | Austin Energy

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From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Wednesday, January 20, 2016 12:36 PM
To: Burnham, Scott H.
Cc: Joe Mancinelli; Rose, Andrea; English, Philip (Barksdale)
Subject: AE

Scott -

I've attached here a simple document that will give Austin Energy permission to share the model that SAIC created for AE back in 2011. Please let me know if you have any additional questions or concerns.

Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

COPY

SOFTWARE LICENSE AGREEMENT
UTILITY COST OF SERVICE AND RATE DESIGN STUDY

1. **License**: SAIC Energy, Environment & Infrastructure, LLC ("SAIC"), formerly R. W. Beck, Inc., hereby grants the Austin Energy ("LICENSEE") a non-transferable license ("LICENSE") conveying a non-exclusive right to use the computer software PROGRAMS modules set forth in Attachment A ("PROGRAMS") for LICENSEE's internal use only and only in accordance with this Agreement. PROGRAMS are provided in machine-readable Excel form for LICENSEE's exclusive use and application only to properties owned or operated by LICENSEE. Title and ownership shall remain with SAIC. LICENSEE hereby agrees it is not receiving, nor is it receiving any rights to use, any PROGRAMS source code.

2. **License Fee**: LICENSEE shall pay SAIC within 30 days after receipt of SAIC's invoice, the initial license fees set forth in Attachment A.

3. **Delivery and Acceptance**: SAIC shall deliver the Final Austin Energy Cost of Service program ("AECOS") and the Austin Energy Rate Design program ("AERate"), a total of two programs ("PROGRAMS"), to LICENSEE as specified in Attachment A. LICENSEE shall furnish the necessary personnel, computer and other services required to install and test PROGRAMS, except to the extent that SAIC is obligated to install PROGRAMS in accordance with Attachment A. Acceptance by LICENSEE shall be deemed to have occurred unless LICENSEE notifies SAIC of technical errors, improper functions, or system incompatibilities within 30 days of delivery.

4. **Duplication and Disclosure**: LICENSEE may copy PROGRAMS into any machine-readable form for backup or modification purposes in support of LICENSEE's limited use of PROGRAMS. LICENSEE must reproduce and include the copyright notice on any copy, modification or portion merged into another program. LICENSEE agrees that PROGRAMS and its documentation shall be held in confidence and that no part of PROGRAMS or its documentation shall be disclosed by LICENSEE to others without the express written permission of SAIC. LICENSEE may not use, copy, modify or transfer PROGRAMS, or any copy, modification or merged portion, in whole or in part, of PROGRAMS, except as expressly provided in this Agreement.

5. **Limited Warranty; Warranty Disclaimer**: Except as expressly provided herein, SAIC is providing PROGRAMS on an "AS-IS" no warranty basis. The parties agree that any instructions or other documentation provided by SAIC are solely for assistance to LICENSEE in understanding the operation of PROGRAMS and are not intended to describe the features, functions or operation of PROGRAMS in accordance with industry standards for documentation of software.

   SAIC warrants that the magnetic media on which PROGRAMS is recorded will be free from defects in materials or workmanship under normal use for a period of 90 days after

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acceptance. SAIC does not warrant or represent that PROGRAMS will be free from defects and SAIC shall not have any obligation to correct the defects or replace the PROGRAMS or to pay for or be responsible for any PROGRAMS defects.

SAIC MAKES NO OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, AS TO THE QUALITY AND PERFORMANCE OF PROGRAMS, THAT THE METHODOLOGY OR CALCULATIONS CONTAINED IN PROGRAMS WILL MEET LICENSEE'S REQUIREMENTS OR THAT THE OPERATION OF PROGRAM WILL BE UNINTERRUPTED OR ERROR FREE, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

LICENSEE assumes the entire risk that the quality of performance of PROGRAMS will meet LICENSEE needs. Should PROGRAMS prove defective, LICENSEE assumes the entire cost of all necessary servicing, repair or correction, except to the extent of the warranties provided in this Paragraph 5.

LICENSEE acknowledges that the results of all calculations are subject to interpretation, and SAIC therefore makes no implied or express warranty of results obtained by using PROGRAMS.

6. **Limitation of Liability**: SAIC's liability, and LICENSEE'S exclusive remedy with respect to the delivery, operation, and maintenance of the PROGRAMS, shall be the replacement of any magnetic media not meeting SAIC's limited warranty as expressly set forth above and which is returned to SAIC or refund of the applicable license fee paid by Licensee. In no event will SAIC be liable to LICENSEE for any damages, including any lost profits, lost savings or other incidental or consequential damages arising out of the use or inability to use PROGRAMS, even if SAIC has been advised of the possibility of damages, or for any claim by any other party.

   In any event, SAIC's liability to LICENSEE on any basis or cause of action arising from use of or inability to use the PROGRAMS shall not exceed the license fees paid for PROGRAMS or $1,000, whichever is greater. Remedies as set forth in this Agreement are LICENSEE's exclusive remedies with respect to the PROGRAMS, including any non-contractual rights or causes of action LICENSEE may otherwise have. LICENSEE waives all warranties imposed or implied by law in connection with PROGRAMS than the warranties specifically provided herein.

7. **Technical Support Service**: SAIC shall provide LICENSEE with no technical support under this Agreement. SAIC shall not be responsible to provide any technical support to meet LICENSEE's needs. If technical support is needed and requested by LICENSEE, SAIC may agree to provide such technical support, in its sole discretion, under a separate agreement and such services shall be reimbursable by LICENSEE at SAIC's then current service rates and shall be in addition to the license fee for PROGRAMS paid hereunder. By requesting technical support, LICENSEE agrees to promptly pay SAIC for all reimbursable technical support services and expenses incurred by SAIC as may be set

forth under a separate agreement between the parties.

8. **Alterations and Modifications**: To the extent LICENSEE makes modifications, variations or additions to PROGRAMS, LICENSEE does so at LICENSEE's own risk and expense. LICENSEE may also use PROGRAMS with other PROGRAMS material to form an updated work product, but only at LICENSEE's own risk and expense and only for LICENSEE's own use as specified in Attachment A.

9. **Termination**: This Agreement is effective until terminated. If LICENSEE transfers possession of any copy, modification or merged portion of PROGRAMS to another party, LICENSEE's License is automatically terminated. SAIC can also terminate this Agreement after five (5) days of notice if LICENSEE fails to comply with any term or condition of this Agreement. LICENSEE may also terminate this License at any time. LICENSEE agrees upon termination to destroy PROGRAMS, together with all copies, modifications and merged portions in any form.

10. **Taxes.** In addition to the license fees, LICENSEE will also be required to pay SAIC all taxes and assessments, except taxes based upon net income, now existing or hereinafter assessed, of every kind or nature, payable by SAIC, including, without limitation, personal property, gross receipts, excise, sales and use taxes on or relating to possession, ownership, leasing, purchase, sale or use of PROGRAMS.

11. **Assignment.** Without the prior written consent of the other, neither party shall assign or transfer this Agreement. LICENSEE will not distribute, assign, transfer, sublet, sub-license or lend PROGRAMS or any part thereof or permit PROGRAMS or any part thereof to be used by anyone else except as specifically authorized in this Paragraph 12. Subject to the prohibition against assignment or transfer, this Agreement shall bind and inure to the benefit of the parties hereto, their successors and assigns.

12. **Legal Expense.** In the event legal action is taken by either party to enforce or interpret any provision of this Agreement, all costs and expenses, including reasonable attorney's fees, incurred by the prevailing party shall be paid by the other party, in addition to other damages to which it may be lawfully entitled. This Agreement shall be interpreted in accordance with the laws of the State of Oklahoma

13. **Responsibilities.** LICENSEE shall be exclusively responsible for the selection of PROGRAMS and supervision, management and control of the use of PROGRAMS, including proper machine configuration, PROGRAMS installation, audit controls and operating methods. LICENSEE recognizes that SAIC does not promise PROGRAMS will be trouble-free and that SAIC may not fix every problem.

14. **Compliance with Applicable Laws and Regulations.** Each party acknowledges and agrees that the products, services, software, information and PROGRAMS to be shared under this Agreement may be subject to certain laws, regulations and rules, including without limitation the export control laws and regulations of the United States of America, any amendments thereof, and all administrative acts of the U.S. Government pursuant to such laws and regulations which restrict exports and re-exports of goods and technology (collectively the "U.S. Export Control Laws"), and each party agrees to comply with such applicable laws, regulations and rules, including without limitation the U.S. Export Control Laws, and not to be bound by terms of this Agreement in conflict with such applicable laws, regulations and rules. LICENSEE agrees to establish such programs and procedures of internal controls as required by U.S. Export Control Laws, and to cooperate at all times with SAIC in the enforcement and/or audit of such procedures. LICENSEE further agrees not to take any action under this Agreement that will cause it or SAIC to be in violation of any law of any jurisdiction, including without limitation, the U.S. Foreign Corrupt Practices Act of 1977, the U.S. Export Control Laws, and the U.S. Anti Boycott laws, including those provisions concerning participation in unsanctioned boycotts.

15. **Governing Law.** This Agreement shall be governed by and construed in accordance with the laws of the State of Oklahoma in all respects without giving effect to the principles of conflicts of law thereof.

16. **Complete Agreement.** LICENSEE acknowledges that LICENSEE has read this Agreement, understands it and agrees to be bound by its terms and conditions. Licensee also agrees that this Agreement is the complete Agreement regarding the license and use of the PROGRAMS and that it supersedes any proposal, prior Agreement or other communication, oral or written.

IN WITNESS WHEREOF, the Parties have signed this Agreement the date first written above.

AUSTIN ENERGY

Signature Ann Little
Name Ann Little
Title Vice President, Finance & Corporate Services

SAIC ENERGY, ENVIRONMENT & INFRASTRUCTURE, LLC

Signature
Name Joseph Mancinelli
Title Vice President

Attachment A

LAW MD DEPT

SOFTWARE LICENSE AGREEMENT
UTILITY COST OF SERVICE AND RATE DESIGN STUDY

Attachment A

1. **Name of License.** SAIC Energy, Environment & Infrastructure, LLC., formerly R. W. Beck, Inc., License Agreement with Austin Energy (LICENSEE) for use of the AECOS and the AERate programs (a total of two programs) herein after defined as PROGRAMS.
2. **Description.** The AECOS and the AERate programs are designed to use Microsoft Excel software and were developed in conjunction with rate services provided to Austin Energy (AE) specified in our general services master agreement with Austin Energy dated August 12, 2010. LICENSEE is required to obtain legal licenses to operate Microsoft Excel in order to operate the PROGRAMS.
3. **Licensee.** Austin Energy (LICENSEE)
4. **Delivery Date.** ; August 22, 2011
5. **License Fee.** There will be no fee for LICENSEE to use PROGRAM under the terms of this agreement.
6. **Term of License.** This agreement will be effective for a period not longer than 5 years after the Delivery Date as specified in Attachment A.

SAIC®
From Science to Solutions

From: Prociv, Samantha J.
To: Rose, Andrea
Cc: Burnham, Scott H.
Subject: FW: AE
Date: Monday, January 25, 2016 12:04:01 PM

Hi Andrea,

Scott forwarded your request to me. I was looking through our contracts and project files last week and could not seem to locate the software license that you referenced in the permission document. Would it be possible to get a copy of what you're referencing?

Thank you,

Samantha J. Prociv | Leidos
Contracts Representative | Leidos Engineering, LLC
phone: 206 695 4615
mobile: 206 349 7812
samantha.j.prociv@leidos.com · leidos.com/[illegible]

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Friday, January 22, 2016 12:23 PM
To: Burnham, Scott H.; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Hey Scott –

Any word back from the necessary department? If you are comfortable passing a name along to me, I'm happy to be the pest!

Thanks so much,
Andrea

Andrea D. Rose | Attorney – Law Department | Austin Energy

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From: Burnham, Scott H. [mailto:SCOTT.H.BURNHAM@leidos.com]
Sent: Thursday, January 21, 2016 1:04 PM
To: Rose, Andrea; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Andrea
I have forwarded the request to the appropriate department within the company. I have not heard a definitive response, but will follow up this afternoon to express your urgency. I will send along your contact information as well.
Thanks for the note and I will let you know what I hear.
Let me know if you have any questions.
Thanks
Scott

Scott H. Burnham | Leidos
Managing Director - Energy Consulting
phone: 303.299.5342
mobile: 303.902.9174

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 21, 2016 11:58 AM
To: Grant Rabon; Burnham, Scott H.
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Scott –

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Thanks again,
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Andrea D. Rose| Attorney – Law Department | Austin Energy

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From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Wednesday, January 20, 2016 12:36 PM
To: Burnham, Scott H.
Cc: Joe Mancinelli; Rose, Andrea; English, Philip (Barksdale)
Subject: AE

Scott -

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Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

From: Rose, Andrea
To: Burnham, Scott H.
Subject: Re: AE
Date: Friday, January 22, 2016 3:07:22 PM

Thanks for the update. Have a great weekend.

Andrea

Andrea Rose
Assistant City Attorney
512-974-2317
Sent from my iPhone

On Jan 22, 2016, at 2:56 PM, Burnham, Scott H. <SCOTT.H.BURNHAM@leidos.com> wrote:

> Andrea
>
> I have passed your name (along with your e-mail) to the appropriate person in our company. I know she is working on it. Hopefully, we will have some resolution on Monday.
> My apologies for the continued delay.
> Scott
>
> Scott H. Burnham | Leidos
> [illegible]
>
> **From:** Rose, Andrea [mailto:andrea.rose@austintexas.gov]
> **Sent:** Friday, January 22, 2016 12:23 PM
> **To:** Burnham, Scott H.; Grant Rabon
> **Cc:** Joe Mancinelli; English, Philip (Barksdale)
> **Subject:** RE: AE
>
> Hey Scott –
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> Thanks so much,
> Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy

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Sent: Thursday, January 21, 2016 1:04 PM
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Scott H. Burnham | Leidos
Managing Director - Energy Consulting
phone [illegible]
mobile [illegible]

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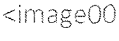

From: Burnham, Scott H.
To: Rose, Andrea; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE
Date: Friday, January 22, 2016 2:56:25 PM

Andrea

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Scott

Scott H. Burnham | Leidos
Managing Director Energy Consulting
phone 303 299 5342
mobile 303 902 9174

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Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

From: Rose, Andrea
To: Burnham, Scott H.; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE
Date: Friday, January 22, 2016 1:23:07 PM

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Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

From: Rose, Andrea
To: Burnham, Scott H.
Cc: Grant Rabon; Joe Mancinelli; English, Philip (Barksdale)
Subject: Re: AE
Date: Thursday, January 21, 2016 1:04:36 PM

Thanks Scott; we really appreciate it.

ADR

Andrea Rose
Assistant City Attorney
512-974-2317
Sent from my iPhone

On Jan 21, 2016, at 1:03 PM, Burnham, Scott H. <SCOTT.H.BURNHAM@leidos.com> wrote:

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> Andrea

Andrea D. Rose| Attorney – Law Department | Austin Energy

IMPORTANT NOTICE: This message and any attachments are intended solely for the original recipient named and may contain material deemed sensitive, proprietary or confidential in nature. Any unauthorized transmission, duplication, use, disclosure or other manipulation is expressly forbidden without written consent of the original sender. You are hereby notified that not adhering to this notice may constitute a violation of federal and/or state law. If you are not the intended recipient, please delete this message and any attachments and notify the sender immediately via phone, fax or e-mail. Austin Energy is a department of the City of Austin.

From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Wednesday, January 20, 2016 12:36 PM
To: Burnham, Scott H.
Cc: Joe Mancinelli; Rose, Andrea; English, Philip (Barksdale)
Subject: AE

Scott -

I've attached here a simple document that will give Austin Energy permission to share the model that SAIC created for AE back in 2011. Please let me know if you have any additional questions or concerns.

Grant Rabon | NewGen Strategies & Solutions
Executive Consultant
3420 Executive Center Drive | Suite 165 | Austin, TX 78731
Office: (512) 900-8232 | Cellular: (512) 565-0123
grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

<image001.jpg>

From: Burnham, Scott H.
To: Rose, Andrea; Grant Rabon
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE
Date: Thursday, January 21, 2016 1:03:48 PM

Andrea
I have forwarded the request to the appropriate department within the company. I have not heard a definitive response, but will follow up this afternoon to express your urgency. I will send along your contact information as well.
Thanks for the note and I will let you know what I hear
Let me know if you have any questions.
Thanks
Scott

Scott H. Burnham | Leidos
Managing Director, Energy Consulting
phone 303 299 53 2
mobile 303 902 0174

From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 21, 2016 11:58 AM
To: Grant Rabon; Burnham, Scott H.
Cc: Joe Mancinelli; English, Philip (Barksdale)
Subject: RE: AE

Scott –

Thanks for working with us on this. Please let me know if you have any questions; I'm happy to chat with you or with anyone else. We are hoping to release the model in the next few days so your help in getting this turned around quickly is greatly appreciated.

Thanks again,
Andrea

Andrea D. Rose | Attorney – Law Department | Austin Energy

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grabon@newgenstrategies.net
Please visit our website at www.newgenstrategies.net

From: Rose, Andrea
To: "Grant Rabon"; "Burnham, Scott H."
Cc: "Joe Mancinelli"; English, Philip (Barksdale)
Subject: RE: AE
Date: Thursday, January 21, 2016 12:57:00 PM

Scott –

Thanks for working with us on this. Please let me know if you have any questions; I'm happy to chat with you or with anyone else. We are hoping to release the model in the next few days so your help in getting this turned around quickly is greatly appreciated.

Thanks again,
Andrea

Andrea D. Rose | Attorney – Law Department | Austin Energy

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grabon@newgenstrategies.net
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From: Grant Rabon
To: Burnham, Scott H.
Cc: Joe Mancinelli; Rose, Andrea; English, Philip (Barksdale)
Subject: AE
Date: Wednesday, January 20, 2016 12:35:54 PM
Attachments: Written Permission to Share SAIC Program.docx

Scott -

I've attached here a simple document that will give Austin Energy permission to share the model that SAIC created for AE back in 2011. Please let me know if you have any additional questions or concerns.

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WRITTEN PERMISSION TO SHARE PROGRAMS

On August 22, 2011, the City of Austin, a Texas home-rule municipal corporate, d/b/a Austin Energy ("Austin Energy") and SAIC Energy, Environmental & Infrastructure, LLC ("SAIC"), a _____ limited liability company entered into a Software License Agreement, Utility Cost of Service and Rate Design Study (the "License"). Pursuant to Paragraph 4 of the License, Austin Energy must receive written permission from SAIC before Austin Energy may disclose the licensed program and related documentation (collectively, the "Program") to others.

By this document, SAIC hereby gives Austin Energy SAIC's express written permission to share the Program as deemed necessary by Austin Energy, including but not limited to, permission to publically post and disseminate portions of Austin Energy's 2016 updated Cost of Service model, which incorporates certain elements of the Program.

Such dissemination shall not be a breach of the License; shall not be grounds for termination of the License pursuant to Paragraph 9, Termination; and shall not be an impermissible assignment pursuant to Paragraph 11, Assignment.

Signed by: _____

Title: _____

Date signed: _____

From: Grant Rabon
To: Rose, Andrea
Cc: English, Philip (Barksdale)
Subject: Re: SAIC
Date: Wednesday, January 20, 2016 12:08:43 PM

No problem. I will send it to Scott as well as Joe.
Thanks!

Sent from my iPhone

> On Jan 20, 2016, at 10:25 AM, Rose, Andrea <andrea.rose@austintexas.gov> wrote:
>
> Grant -
>
> Can you forward this on to Scott? I feel like it might have a better chance of getting noticed coming from an email address that he already knows. Should we also share it with Joe?
>
> Scott -
>
> I've attached here a simple document that will give Austin Energy permission to share the model that SAIC created for AE back in 2011. Please let me know if you have any additional questions or concerns.
>
> Thanks,
> Andrea
>
> -----Original Message-----
> From: Grant Rabon [mailto:grabon@newgenstrategies.net]
> Sent: Friday, January 15, 2016 1:54 PM
> To: Rose, Andrea; English, Philip (Barksdale)
> Subject: RE: SAIC
>
> I would be happy to facilitate this getting accomplished. I have spoken with Scott Burnham at Leidos (the new name for what was SAIC) and he will help facilitate your request. Please craft a letter to him, based on the contact information below, and request the early termination of the licensing agreement. You may either send it directly to him or you may pass it through me, whichever you prefer.
>
> Scott H. Burnham
> Managing Director | Energy Consulting
>
> phone: (303) 299-5342
> scott.h.burnham@leidos.com
>
> Leidos Engineering, LLC
> 1801 California Street, Suite 2800
> Denver, CO 80202
>
> Scott indicated the person he needs to talk with will not be back in the office until Tuesday, but he will follow up as soon as possible.
>
> Let me know if I can be of any further assistance.
>
> Grant Rabon | NewGen Strategies & Solutions Executive Consultant
> 3420 Executive Center Drive | Suite 165 | Austin, TX 78731
> Office: (512) 900-8232 | Cellular: (512) 565-0123 grabon@newgenstrategies.net Please visit our website at www.newgenstrategies.net
>

>
>
> -----Original Message-----
> From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
> Sent: Friday, January 15, 2016 12:53 PM
> To: English, Philip (Barksdale) <Barksdale.English@austinenergy.com>
> Cc: Grant Rabon <grabon@newgenstrategies.net>
> Subject: RE: SAIC
>
> Gentlemen -
>
> Given that this agreement isn't technically set to expire until August 22 of this year, I think that the cleanest option would be to draft and sign a brief termination agreement, especially considering that AE is not currently dealing directly with SAIC. Grant, I'd love to take you up on your offer to help us figure out who in SAIC we should be talking to.
>
> Thanks so much for your help!
>
> Andre a
>
> -----Original Message-----
> From: English, Philip (Barksdale) [mailto:Barksdale.English@austinenergy.com]
> Sent: Friday, January 15, 2016 9:15 AM
> To: Rose, Andrea
> Subject: RE: SAIC
>
> Attached is the agreement.
>
> Best,
> ~b
>
> Barksdale English
> Regulatory & Government Affairs
> Austin Energy
> 512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)
>
> P Please consider the environment before printing this
>
> -----Original Message-----
> From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
> Sent: Thursday, January 14, 2016 3:31 PM
> To: English, Philip (Barksdale)
> Subject: RE: SAIC
>
> Can you send me a copy of the license agreement? Also do you have like five minutes to chat?
>
> ADR
>
> -----Original Message-----
> From: English, Philip (Barksdale) [mailto:Barksdale.English@austinenergy.com]
> Sent: Thursday, January 14, 2016 2:02 PM
> To: Rose, Andrea
> Subject: FW: SAIC
>
> FYI...
>
> Best,
> ~b
>
> Barksdale English

> Regulatory & Government Affairs
> Austin Energy
> 512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)
>
> P Please consider the environment before printing this
>
>
> -----Original Message-----
> From: Grant Rabon [mailto:grabon@newgenstrategies.net]
> Sent: Thursday, January 14, 2016 10:26 AM
> To: English, Philip (Barksdale)
> Subject: SAIC
>
> Barksdale,
>
> If, after your review, you decide that you need something from SAIC, please feel free to let me facilitate getting it from them, if desired, as you could spend a meaningful amount of time just getting to the right person in that organization.
>
> Sent from my iPhone
>
> <Written Permission to Share SAIC Program.docx>

From: Rose, Andrea
To: Grant Rabon; English, Philip (Barksdale)
Subject: RE: SAIC
Date: Wednesday, January 20, 2016 10:25:44 AM
Attachments: Written Permission to Share SAIC Program.docx

Grant -

Can you forward this on to Scott? I feel like it might have a better chance of getting noticed coming from an email address that he already knows. Should we also share it with Joe?

Scott -

I've attached here a simple document that will give Austin Energy permission to share the model that SAIC created for AE back in 2011. Please let me know if you have any additional questions or concerns.

Thanks,
Andrea

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From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Friday, January 15, 2016 1:54 PM
To: Rose, Andrea; English, Philip (Barksdale)
Subject: RE: SAIC

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Scott H. Burnham
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phone: (303) 299-5342
scott.h.burnham@leidos.com

Leidos Engineering, LLC
1801 California Street, Suite 2800
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Office: (512) 900-8232 | Cellular: (512) 565-0123 grabon@newgenstrategies.net Please visit our website at www.newgenstrategies.net

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Subject: RE: SAIC

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Andre a

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Attached is the agreement.

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

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Subject: RE: SAIC

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ADR

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Sent from my iPhone

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Signed by: _____

Title: _____

Date signed: _____

From: Rose, Andrea
To: Grant Rabon; English, Philip (Barksdale)
Subject: RE: SAIC
Date: Friday, January 15, 2016 1:55:02 PM

Great.

Thanks Grant!

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From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Friday, January 15, 2016 1:54 PM
To: Rose, Andrea; English, Philip (Barksdale)
Subject: RE: SAIC

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Sent from my iPhone

From: English, Philip (Barksdale)
To: Rose, Andrea
Subject: RE: SAIC
Date: Friday, January 15, 2016 1:24:33 PM

I share your opinion. (Go figure.)

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

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From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
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Cc: grabon@newgenstrategies.net
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Subject: RE: SAIC
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Regulatory & Government Affairs

Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

Please consider the environment before printing this

-----Original Message-----
From: Grant Rabon [mailto:grabon@newgenstrategies.net]
Sent: Thursday, January 14, 2016 10:26 AM
To: English, Philip (Barksdale)
Subject: SAIC

Barksdale,

If, after your review, you decide that you need something from SAIC, please feel free to let me facilitate getting it from them, if desired, as you could spend a meaningful amount of time just getting to the right person in that organization.

Sent from my iPhone

From: English, Philip (Barksdale)
To: Rose, Andrea
Subject: RE: SAIC
Date: Friday, January 15, 2016 9:14:50 AM
Attachments: SAIC software license agreement.pdf

Attached is the agreement.

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

Please consider the environment before printing this

-----Original Message-----
From: Rose, Andrea [mailto:andrea.rose@austintexas.gov]
Sent: Thursday, January 14, 2016 3:31 PM
To: English, Philip (Barksdale)
Subject: RE: SAIC

Can you send me a copy of the license agreement? Also do you have like five minutes to chat?

ADR

-----Original Message-----
From: English, Philip (Barksdale) [mailto:Barksdale.English@austinenergy.com]
Sent: Thursday, January 14, 2016 2:02 PM
To: Rose, Andrea
Subject: FW: SAIC

FYI...

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

Please consider the environment before printing this

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To: English, Philip (Barksdale)
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Sent from my iPhone

From: Rose, Andrea
To: English, Philip (Barksdale)
Subject: RE: SAIC
Date: Thursday, January 14, 2016 3:30:41 PM

Can you send me a copy of the license agreement? Also do you have like five minutes to chat?

ADR

-----Original Message-----
From: English, Philip (Barksdale) [mailto:Barksdale.English@austinenergy.com]
Sent: Thursday, January 14, 2016 2:02 PM
To: Rose, Andrea
Subject: FW: SAIC

FYI...

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
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Sent from my iPhone

From: English, Philip (Barksdale)
To: Rose, Andrea
Subject: FW: SAIC
Date: Thursday, January 14, 2016 2:02:29 PM

FYI...

Best,
~b

Barksdale English
Regulatory & Government Affairs
Austin Energy
512.322.6314 (o) | 512.853.0900 (c) | 512.322.6037 (f)

Please consider the environment before printing this

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To: English, Philip (Barksdale)
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Sent from my iPhone

COPY

SOFTWARE LICENSE AGREEMENT
UTILITY COST OF SERVICE AND RATE DESIGN STUDY

1. **License**: SAIC Energy, Environment & Infrastructure, LLC ("SAIC"), formerly R. W. Beck, Inc., hereby grants the Austin Energy ("LICENSEE") a non-transferable license ("LICENSE") conveying a non-exclusive right to use the computer software PROGRAMS modules set forth in Attachment A ("PROGRAMS") for LICENSEE's internal use only and only in accordance with this Agreement. PROGRAMS are provided in machine-readable Excel form for LICENSEE's exclusive use and application only to properties owned or operated by LICENSEE. Title and ownership shall remain with SAIC. LICENSEE hereby agrees it is not receiving, nor is it receiving any rights to use, any PROGRAMS source code.

2. **License Fee**: LICENSEE shall pay SAIC within 30 days after receipt of SAIC's invoice, the initial license fees set forth in Attachment A.

3. **Delivery and Acceptance**: SAIC shall deliver the Final Austin Energy Cost of Service program ("AECOS") and the Austin Energy Rate Design program ("AERate"), a total of two programs ("PROGRAMS"), to LICENSEE as specified in Attachment A. LICENSEE shall furnish the necessary personnel, computer and other services required to install and test PROGRAMS, except to the extent that SAIC is obligated to install PROGRAMS in accordance with Attachment A. Acceptance by LICENSEE shall be deemed to have occurred unless LICENSEE notifies SAIC of technical errors, improper functions, or system incompatibilities within 30 days of delivery.

4. **Duplication and Disclosure**: LICENSEE may copy PROGRAMS into any machine-readable form for backup or modification purposes in support of LICENSEE's limited use of PROGRAMS. LICENSEE must reproduce and include the copyright notice on any copy, modification or portion merged into another program. LICENSEE agrees that PROGRAMS and its documentation shall be held in confidence and that no part of PROGRAMS or its documentation shall be disclosed by LICENSEE to others without the express written permission of SAIC. LICENSEE may not use, copy, modify or transfer PROGRAMS, or any copy, modification or merged portion, in whole or in part, of PROGRAMS, except as expressly provided in this Agreement.

5. **Limited Warranty; Warranty Disclaimer**: Except as expressly provided herein, SAIC is providing PROGRAMS on an "AS-IS" no warranty basis. The parties agree that any instructions or other documentation provided by SAIC are solely for assistance to LICENSEE in understanding the operation of PROGRAMS and are not intended to describe the features, functions or operation of PROGRAMS in accordance with industry standards for documentation of software.

   SAIC warrants that the magnetic media on which PROGRAMS is recorded will be free from defects in materials or workmanship under normal use for a period of 90 days after

SAIC
From Science to Solutions

acceptance. SAIC does not warrant or represent that PROGRAMS will be free from defects and SAIC shall not have any obligation to correct the defects or replace the PROGRAMS or to pay for or be responsible for any PROGRAMS defects.

SAIC MAKES NO OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, AS TO THE QUALITY AND PERFORMANCE OF PROGRAMS, THAT THE METHODOLOGY OR CALCULATIONS CONTAINED IN PROGRAMS WILL MEET LICENSEE'S REQUIREMENTS OR THAT THE OPERATION OF PROGRAM WILL BE UNINTERRUPTED OR ERROR FREE, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

LICENSEE assumes the entire risk that the quality of performance of PROGRAMS will meet LICENSEE needs. Should PROGRAMS prove defective, LICENSEE assumes the entire cost of all necessary servicing, repair or correction, except to the extent of the warranties provided in this Paragraph 5.

LICENSEE acknowledges that the results of all calculations are subject to interpretation, and SAIC therefore makes no implied or express warranty of results obtained by using PROGRAMS.

6. **Limitation of Liability**: SAIC's liability, and LICENSEE'S exclusive remedy with respect to the delivery, operation, and maintenance of the PROGRAMS, shall be the replacement of any magnetic media not meeting SAIC's limited warranty as expressly set forth above and which is returned to SAIC or refund of the applicable license fee paid by Licensee. In no event will SAIC be liable to LICENSEE for any damages, including any lost profits, lost savings or other incidental or consequential damages arising out of the use or inability to use PROGRAMS, even if SAIC has been advised of the possibility of damages, or for any claim by any other party.

   In any event, SAIC's liability to LICENSEE on any basis or cause of action arising from use of or inability to use the PROGRAMS shall not exceed the license fees paid for PROGRAMS or $1,000, whichever is greater. Remedies as set forth in this Agreement are LICENSEE's exclusive remedies with respect to the PROGRAMS, including any non-contractual rights or causes of action LICENSEE may otherwise have. LICENSEE waives all warranties imposed or implied by law in connection with PROGRAMS than the warranties specifically provided herein.

7. **Technical Support Service**: SAIC shall provide LICENSEE with no technical support under this Agreement. SAIC shall not be responsible to provide any technical support to meet LICENSEE's needs. If technical support is needed and requested by LICENSEE, SAIC may agree to provide such technical support, in its sole discretion, under a separate agreement and such services shall be reimbursable by LICENSEE at SAIC's then current service rates and shall be in addition to the license fee for PROGRAMS paid hereunder. By requesting technical support, LICENSEE agrees to promptly pay SAIC for all reimbursable technical support services and expenses incurred by SAIC as may be set

forth under a separate agreement between the parties.

8. **Alterations and Modifications**: To the extent LICENSEE makes modifications, variations or additions to PROGRAMS, LICENSEE does so at LICENSEE's own risk and expense. LICENSEE may also use PROGRAMS with other PROGRAMS material to form an updated work product, but only at LICENSEE's own risk and expense and only for LICENSEE's own use as specified in Attachment A.

9. **Termination**: This Agreement is effective until terminated. If LICENSEE transfers possession of any copy, modification or merged portion of PROGRAMS to another party, LICENSEE's License is automatically terminated. SAIC can also terminate this Agreement after five (5) days of notice if LICENSEE fails to comply with any term or condition of this Agreement. LICENSEE may also terminate this License at any time. LICENSEE agrees upon termination to destroy PROGRAMS, together with all copies, modifications and merged portions in any form.

10. **Taxes.** In addition to the license fees, LICENSEE will also be required to pay SAIC all taxes and assessments, except taxes based upon net income, now existing or hereinafter assessed, of every kind or nature, payable by SAIC, including, without limitation, personal property, gross receipts, excise, sales and use taxes on or relating to possession, ownership, leasing, purchase, sale or use of PROGRAMS.

11. **Assignment.** Without the prior written consent of the other, neither party shall assign or transfer this Agreement. LICENSEE will not distribute, assign, transfer, sublet, sub-license or lend PROGRAMS or any part thereof or permit PROGRAMS or any part thereof to be used by anyone else except as specifically authorized in this Paragraph 12. Subject to the prohibition against assignment or transfer, this Agreement shall bind and inure to the benefit of the parties hereto, their successors and assigns.

12. **Legal Expense.** In the event legal action is taken by either party to enforce or interpret any provision of this Agreement, all costs and expenses, including reasonable attorney's fees, incurred by the prevailing party shall be paid by the other party, in addition to other damages to which it may be lawfully entitled. This Agreement shall be interpreted in accordance with the laws of the State of Oklahoma

13. **Responsibilities.** LICENSEE shall be exclusively responsible for the selection of PROGRAMS and supervision, management and control of the use of PROGRAMS, including proper machine configuration, PROGRAMS installation, audit controls and operating methods. LICENSEE recognizes that SAIC does not promise PROGRAMS will be trouble-free and that SAIC may not fix every problem.

14. **Compliance with Applicable Laws and Regulations.** Each party acknowledges and agrees that the products, services, software, information and PROGRAMS to be shared under this Agreement may be subject to certain laws, regulations and rules, including without limitation the export control laws and regulations of the United States of America, any amendments thereof, and all administrative acts of the U.S. Government pursuant to such laws and regulations which restrict exports and re-exports of goods and technology (collectively the "U.S. Export Control Laws"), and each party agrees to comply with such applicable laws, regulations and rules, including without limitation the U.S. Export Control Laws, and not to be bound by terms of this Agreement in conflict with such applicable laws, regulations and rules. LICENSEE agrees to establish such programs and procedures of internal controls as required by U.S. Export Control Laws, and to cooperate at all times with SAIC in the enforcement and/or audit of such procedures. LICENSEE further agrees not to take any action under this Agreement that will cause it or SAIC to be in violation of any law of any jurisdiction, including without limitation, the U.S. Foreign Corrupt Practices Act of 1977, the U.S. Export Control Laws, and the U.S. Anti Boycott laws, including those provisions concerning participation in unsanctioned boycotts.

15. **Governing Law.** This Agreement shall be governed by and construed in accordance with the laws of the State of Oklahoma in all respects without giving effect to the principles of conflicts of law thereof.

16. **Complete Agreement.** LICENSEE acknowledges that LICENSEE has read this Agreement, understands it and agrees to be bound by its terms and conditions. Licensee also agrees that this Agreement is the complete Agreement regarding the license and use of the PROGRAMS and that it supersedes any proposal, prior Agreement or other communication, oral or written.

MASTER PROFESSIONAL SERVICES AGREEMENT
Between SAIC Energy, Environment & Infrastructure, LLC and Austin Energy

IN WITNESS WHEREOF, the Parties have signed this Agreement the date first written above.

AUSTIN ENERGY

Signature Ann Little
Name Ann Little
Title Vice President, Finance & Corporate Services

SAIC ENERGY, ENVIRONMENT & INFRASTRUCTURE, LLC

Signature
Name Joseph Mancinelli
Title Vice President

Attachment A

LAW DEPT

SOFTWARE LICENSE AGREEMENT
UTILITY COST OF SERVICE AND RATE DESIGN STUDY

Attachment A

1. **Name of License.** SAIC Energy, Environment & Infrastructure, LLC., formerly R. W. Beck, Inc., License Agreement with Austin Energy (LICENSEE) for use of the AECOS and the AERate programs (a total of two programs) herein after defined as PROGRAMS.
2. **Description.** The AECOS and the AERate programs are designed to use Microsoft Excel software and were developed in conjunction with rate services provided to Austin Energy (AE) specified in our general services master agreement with Austin Energy dated August 12, 2010. LICENSEE is required to obtain legal licenses to operate Microsoft Excel in order to operate the PROGRAMS.
3. **Licensee.** Austin Energy (LICENSEE)
4. **Delivery Date.** ; August 22, 2011
5. **License Fee.** There will be no fee for LICENSEE to use PROGRAM under the terms of this agreement.
6. **Term of License.** This agreement will be effective for a period not longer than 5 years after the Delivery Date as specified in Attachment A.

SAIC®
From Science to Solutions

WRITTEN PERMISSION TO SHARE PROGRAMS

On August 22, 2011, the City of Austin, a Texas home-rule municipal corporate, d/b/a Austin Energy ("Austin Energy") and Leidos Engineering, LLC (formerly known as SAIC Energy, Environmental & Infrastructure, LLC) ("Leidos"), a Delaware limited liability company entered into a Software License Agreement, Utility Cost of Service and Rate Design Study (the "License"). Pursuant to Paragraph 4 of the License, Austin Energy must receive written permission from Leidos before Austin Energy may disclose the licensed program and related documentation (collectively, the "Program") to others.

By this document, Leidos hereby gives Austin Energy Leidos' express written permission to share the Program as deemed necessary by Austin Energy, including but not limited to, permission to publically post and disseminate portions of Austin Energy's 2016 updated Cost of Service model, which incorporates certain elements of the Program.

Such dissemination shall not be a breach of the License; shall not be grounds for termination of the License pursuant to Paragraph 9, Termination; and shall not be an impermissible assignment pursuant to Paragraph 11, Assignment.

Signed by: _____

Title: S. Kreg K. McCollum, Vice President

Date signed: 1/29/16

NXP/Samsung 1-116. Please explain Austin Energy's claim that the filing will be transparent with AE's knowledge that the software employed in its filing is considered to be proprietary.

ANSWER:

Austin Energy has voluntarily proposed and implemented a process that allows any customer to review its cost of service study and read and respond to narrative justifying decisions made in the cost of service study and in the determination of revenue requirements. Additionally, Austin Energy has offered to respond to discovery questions and rebuttal arguments made by interested customers. The openness of Austin Energy's process also incorporates an independent review of its cost of service study by both an Impartial Hearing Examiner and an Independent Consumer Advocate.

At the time Austin Energy published the Tariff Package, the cost of service software license holder had not yet agreed to the public release of its model. Irrespective of whether the public was able to use an MS Excel version of the cost of service model, the model's contents were released to the public simultaneous with the release of the Report to Council. Austin Energy has never before released as much information in advance of a local level review of its cost of service study and rate design.

These steps offer a significant level of transparency into its decision-making process for establishing retail base electric rates.

As noted in Austin Energy's Responses to NXP 1-1 through 1-5, the MS Excel cost of service model is now available for the public to review on Austin Energy's website.

Prepared by: BE
Sponsored by: Mark Dreyfus

NXP/Samsung 1-117. Please provide the workpapers supporting the estimated PSA and Regulatory charges to be considered in the FY 2016-2017 budget.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

The PSA and Regulatory fees to be included in the FY 2017 budget have not been calculated. Austin Energy used preliminary numbers in developing the estimates used in the Cost of Service. As discussed in "Austin Energy's Tariff Package", Section 6.7 an estimate for the PSA and other pass-through charges is included in the Cost of Service Study to provide an estimate of the overall bill impact to customers. As estimates become firmer, AE will provide new estimates for these charges to be included in the FY 2017 Budget which will be released by the City Manager on July 27, 2016.

Prepared by: JHO
Sponsored by: Mark Dombroski

NXP/Samsung 1-118. Identify any and all non-utility costs included in the cost of service, including debt service associated with non-utility facilities.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

Please see Column B in Schedules A and B of the RFP. Non-utility expenses and revenues were specifically excluded from the Cost of Service and are not included in the requested revenue requirement.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-119. Identify how non-utility revenue is reflected in the cost of service.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

See response to NXP/Samsung RFI #118.

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 1-120. Please provide the following for the downtown District Cooling systems operations:

A. Amount of investment in infrastructure with related accumulated depreciation.
B. Amount and source of funding for the investment at the end of the test year (bonds, short term debt, internally generated cash and AE reserves.
C. Number of customers using the system from 2010 through the end of the test year.
D. Profit and loss statements since 2009 through the end of the test year.
E. Operating and maintenance costs directly or indirectly incurred by providing services from the system.

ANSWER:

This question is subject to a pending objection. Specifically, it requests information that is beyond the scope of this proceeding. Notwithstanding the foregoing, the requested information is provided pursuant to the Public Information Act:

Onsite Energy Resources RFI

a. Every investment until the end of the test year - 2014

$ 118,020,562.16 Total Investment $ 29,261,237.94 Accumulated Depreciation

b. The sources of funding for all investments mentioned in (a)

Source of funding was $59.7M cash and the rest was all budgeted through taxable debt for the remaining amount

c. Number of customers for the years 2010, 2011, 2012, 2013, and up to September of 2014

2009	**28 customers**
2010	**29 customers**
2011	**29 customers**
2012	**30 customers**
2013	**31 customers**
2014	**32 customers**

d. Income statements for 2009, 2010, 2011, 2012, 2013, and up to September of 2014

	2009	2010	2011	2012	2013	2014
Revenue	$ 6,099,476.15	$ 6,897,025.26	$ 8,493,047.83	$ 9,237,098.48	$ 9,813,655.60	$ 9,988,883.97
Expenses	$ 3,339,756.78	$ 4,302,587.90	$ 3,912,120.19	$ 4,661,464.23	$ 4,808,109.48	$ 5,016,533.08
EBITDA	$ 2,759,719.37	$ 2,594,437.36	$ 4,580,927.64	$ 4,575,634.25	$ 5,005,546.12	$ 4,972,350.90
Deprec., Amort., Int.,Tax.	$ 4,377,540.90	$ 4,771,197.78	$ 2,130,428.56	$ 5,262,912.06	$ 6,177,081.57	$ 6,751,210.40
Net Income	$ (1,617,821.53)	$ (2,176,760.42)	$ 2,450,499.09	$ (687,277.80)	$ (1,171,535.45)	$ (1,778,859.50)

e. For all operating and maintenance expenses which directly and indirectly occurred please refer to the expenses line above for item d.

Prepared by: JC
Sponsored by: Elaina Ball