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| **AUSTIN ENERGY'S TARIFF PACKAGE: 2015 COST OF SERVICE STUDY AND PROPOSAL TO CHANGE BASE ELECTRIC RATES** | §<br>§<br>§<br>§ | **BEFORE THE CITY OF AUSTIN IMPARTIAL HEARING EXAMINER** |

# AUSTIN ENERGY'S RESPONSE TO NXP SEMICONDUCTORS' AND SAMSUNG AUSTIN SEMICONDUCTOR, LLC'S FOURTH REQUEST FOR INFORMATION

Austin Energy ("AE") files this Response to NXP Semiconductors' and Samsung Austin Semiconductor, LLC's (collectively, "NXP/Samsung") Fourth Request for Information submitted on March 16, 2016. Pursuant to the City of Austin Procedural Rules for the Initial Review of Austin Energy's Rates § 7.3(c)(1), this Response is timely filed.

Respectfully submitted,

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## 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 28th day of March, 2016, in accordance with the City of Austin Procedural Rules for the Initial Review of Austin Energy's Rates.

THOMAS L. BROCATO

NXP/Samsung 4-1. Regarding the overhaul schedule for the South Texas Project (STP), in what year did the last (three year scheduled) overhaul occur? Please provide the actual amounts charged to accounts 517 through 532 in Fiscal Year (FY) 2015 and the amount budgeted for STP maintenance in 2016.

ANSWER:

This question is subject to a pending objection.

Austin Energy assumes the term "(three year scheduled) overhaul" refers to a fueling outage, during which one or both units at STP take a planned outage to refuel the reactors. These refueling outages occur approximately every 18 months. The three year schedule referenced on WP D-1.2.1 of the RFP refers to a normalization adjustment to the STP refueling schedule whereby maintenance costs from the previous three years are averaged to arrive at a normalized maintenance expense.

The last refueling for STP occurred in 2015.

When Austin Energy budgets for STP expenses for the coming year, it receives a projected total operations and maintenance budget from STP Nuclear Operating Company, the company charged with running STP. Only after expenses are incurred and invoices are paid do these amounts get separated into their appropriate FERC accounts.

Prepared by: JW
Sponsored by: Elaina Ball

NXP/Samsung 4-2. Please provide the same information as requested above for the maintenance schedule described in Austin Energy's (AE's) cost of service WP D-1.2.2. for the Sand Hill Energy Center.

ANSWER:

This question is subject to a pending objection.

The last major overhaul at Sand Hill Energy Center occurred in 2011.

Prepared by: JW
Sponsored by: Elaina Ball

NXP/Samsung 4-3. Regarding AE's requested non-nuclear decommissioning costs, as reflected in AE WP D¬1.2.5, has the Austin City Council taken any formal action to close or decommission the Fayette Power Project?

ANSWER:

The Austin City Council has not determined any decommissioning schedule for Fayette Power Project. 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 decommissioning Austin Energy's 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.

Prepared by: BE
Sponsored by: Elaina Ball

NXP/Samsung 4-4. Regarding AE's requested non-nuclear decommissioning costs, as reflected in AE WP D¬1.2.5, has the Austin City Council taken any formal action to close or decommission the Sand Hill Energy Center?

ANSWER:

The Austin City Council has not determined any decommissioning schedule for Sand Hill Energy Center.

Prepared by: BE
Sponsored by: Elaina Ball

NXP/Samsung 4-5. Please provide the amount of salvage and land value included in the non-nuclear decommissioning study.

ANSWER:

The recycling and salvage value for Decker Creek Power Station is estimated to be $4.8 million. Although the Decker decommissioning cost estimate was developed based on a site specific engineering cost estimate, the costs and values do not represent the results of a full engineering study. There are still areas of the cost that could represent liabilities that need further investigation (e.g., remediation needs and salvage and recycling markets at the time of decommissioning).

The recycling and salvage value for Fayette Power Project is estimated to range between $5.3 million and $9.4 million. The FPP decommissioning cost estimate was developed using a benchmark approach based on scaled costs from actual decommissioning costs for similar power plants

The recycling and salvage value for Sand Hill Energy Center is estimated to range between $2.7 million and $4.2 million. The SHEC decommissioning cost estimate was developed using a benchmark approach based on scaled costs from actual decommissioning costs for similar power plants.

Land values were not included in the decommissioning estimates because it was assumed that the land would remain in Austin Energy's possession after decommissioning was complete.

Prepared by: BE
Sponsored by: Elaina Ball

NXP/Samsung 4-6. Please provide the actual uncollectible accounts expense charged to account 904 in 2015. Please provide the amount budgeted for 2016 for this expense.

ANSWER:

FY15 Unaudited - $8,462,937.91.
FY16 Amended - $14,590,209.00

Prepared by: SK/DK
Sponsored by: Mark Dombroski

NXP/Samsung 4-7. Please provide the amount of Customer Assistance Program (CAP) revenue received in FY 2014 and 2015.

ANSWER:

This question is subject to a pending objection.

Prepared by: -
Sponsored by: -

NXP/Samsung 4-8. Please identify the major assets that contributed to the $7,170,039 "loss on disposal of assets" reflected in account 421 and shown on WP E.4.3.

ANSWER:

The following is a list of major assets which contributed to the "loss on disposal of assets".

| Asset Location | Discription |
|---|---|
| Patton Lane - D (269) | Pl Transformer-138-12.5Kv |
| Hicross - T (199) | Hc Breaker Upg-Oil Switches-5 And Circuit Breakers-2 |
| South Texas Project (299) | Stp Common Turbogenerator Un |
| Domain - Generation (173) | Turbine |
| Energy Control Center - C (9231785) | System Log Vault Implementation |
| Town Lake Center (9231860) | Load Control Program |

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 4-9. Please provide the amount of any salvage value related to the disposal of assets referenced in 4-7.

ANSWER:

Of the assets listed in AE's Response to NXP/Samsung RFI No. 4-8, the following asset had salvage value as shown.

| Asset Location | Description | Salvage Value |
|---|---|---|
| Domain - Generation (173) | Turbine | ($66,000) |

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 4-10. Please provide the amount of gains and losses on asset disposal for FY 13, FY 12, and FY 11.

ANSWER:

**Loss on Disposal**
FY13

| Row Labels | Sum of SumOfEXPENSE |
|---|---|
| **2013** | **134,233** |
| **loss on disposal** | **134,233** |
| 4210 | 7,111,323 |
| 4212 | (6,977,090) |
| **Grand Total** | **134,233** |
| Minus Non-Utility | (66,977.53) |
| **Utility Loss on Disposal** | **67,255.85** |

**Loss on Disposal**
FY12

| Row Labels | Sum of SumOfEXPENSE |
|---|---|
| **2012** | **8,409,717** |
| **Loss on Disposal** | **8,409,717** |
| 4210 | 17,222,830 |
| 4211 | (8,792,876) |
| 4212 | (20,237) |
| **Grand Total** | **8,409,717** |
| Minus Non-Utility | (300,896.28) |
| **Utility Loss on Disposal** | **8,108,820.52** |

**Loss on Disposal**
FY11

| Row Labels | Sum of SumOfEXPENSE |
|---|---|
| **2011** | **10,443,956** |
| **Loss on Disposal** | **10,443,956** |
| 4210 | 11,372,870 |
| 4212 | (928,915) |
| **Grand Total** | **10,443,956** |
| Minus Non-Utility | (230,775.15) |
| **Utility Loss on Disposal** | **10,213,180.45** |

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 4-11. Please describe how AE disposes of its assets and steps AE performs to minimize losses on asset disposal.

ANSWER:

When an asset is no longer useful to Austin Energy, the net book value will be retired from the appropriate account and, where economical and practical, sold or otherwise disposed. The detail associated with the retired asset is submitted to the Asset Accounting group so it can be removed from the fixed asset record. For equipment or taggable assets (i.e. with Austin Energy tag numbers), a "Retirement Request" form is completed. For construction assets (i.e. switchgears or panels), a "Construction Asset Retirement" form is completed.

If the asset is sold, abandoned, or involuntarily converted (i.e. lost through casualty), the difference between any proceeds and the net book value (gain or loss) is charged to the same cost center that was used for depreciation, and is recorded as a Gain/Loss on Sale of Fixed Asset. If the asset is traded for a new asset, the net book value of the asset traded plus the additional amount paid will be the cost of the new asset. If an asset becomes impaired (i.e. the item's future benefit to the company is in doubt and there is a chance that it will be removed from service before the end of its depreciable life), the asset must be written-down to reflect its net realizable value and/or its depreciable life shortened to its remaining useful life.

To minimize losses, Austin Energy also has reclamation divisions within Materials Management for large assets and the IT Department for IT assets.

Prepared by: YV
Sponsored by: Mark Dombroski

NXP/Samsung 4-12. Has AE or the City of Austin conducted any cost benefit studies to confirm that AE rate payers benefit from an annual economic development transfer of $11,437,520?

ANSWER:

The City of Austin Economic Development Department (EDD) provides benefit to Austin Energy by fostering continued growth of its customer base through the recruitment of new business and encouragement of the startup or expansion of local businesses.

Major activities related to electric utility service include an increase in the annual electric utility revenue from (1) new businesses recruited, created and expanded through the Chapter 380 program and small business program; (2) redevelopment projects led by redevelopment services; and (3) arts facilities, which receive arts funding through hotel occupancy tax, that continue to reside in Austin. Additionally, EDD investment efforts create new jobs and wage income for private households. The new investment expands the tax base by adding to the value of real property and generating new sales taxes from the hired workers who spend their wages in the local economy.

Although no new Council-approved economic development agreements went forward in FY 2014-15 from the Chapter 380 program, EDD worked to engage companies considering an Austin location by responding to 160 business inquiries, evaluating potential projects, and monitoring 7 active contracts for business and industry development. Companies recruited in prior years include Samsung, Apple, Hanger, Legal Zoom, Facebook, Athena Health, Visa, MidGlobal, U.S. Farathane, e-Bay and Websense. The relocation and expansion of these companies to Austin were a direct result of Chapter 380 incentives provided by EDD. These utility customers could have located to other cities who also offered incentives packages.

EDD successfully recruited six businesses in the last two years that have created 1,947 new full-time jobs that have an average salary of $94,300, retained 1,351 full-time jobs, and brought $69,721,823 million in investment to the City of Austin. EDD also successfully negotiated and executed two Creative Content Program agreements, securing an estimated $20,546,836 in local payroll and $5,212,632 in local production expenditures. Additionally, the Small Business Program created 368 new jobs in FY 2014 and 292 in FY 2015 through its Business Solutions Center, Family Business Loan Program and technical assistance service.

Redevelopment projects led by EDD in downtown Austin, the Domain, and Mueller have cumulatively resulted in significant improvements on underutilized properties. New projects in the pipeline or currently underway include implementation of the Colony Park Master Plan, Seaholm Redevelopment and the commercial stabilization program Soul-y Austin. Each of these redevelopment projects will increase revenue for Austin Energy, by encouraging denser mixed-use projects that increase the number of both commercial and residential customer for Austin Energy.

EDD also responds to creative industries in Austin who face displacement and affordability challenges. In FY 2014-15, the City's economic development efforts helped support Austin's creative community through $8.1 M dollars in Hotel Occupancy Tax funded cultural contracts.

This funding is essential to continue programs and offset financial obligations required to operate these creative arts facilities. Each creative arts facility opened or retained increases revenue for Austin Energy.

While Austin Energy has not conducted a benefit-cost study to quantify the benefits of EDD to the utility, direct benefits include increased revenues from both commercial customers and additional residential customers associated with these businesses, as well as an increase in the number of billing determinants across which fixed utility costs can be spread. Indirect benefits include growth in jobs and the regional economy which benefits residents of the City and surrounding areas through higher wages and increased returns on investments; larger ad valorem tax base due to redevelopment of underutilized property; and improved community services which in turn make the Austin metropolitan area an attractive locations for an expanding business and residential customer base.

Prepared by: BE
Sponsored by: Mark Dombroski

NXP/Samsung 4-13. Please provide the actual AE debt service for FY 2015 and the amount budgeted for FY 2016.

ANSWER:

For the actual AE debt service for FY 2015 (unaudited), please see Work Paper C-3.1.1, line 14.

The approved budget for FY 2016 is $116,982,894.

Prepared by: SK/DK
Sponsored by: Mark Dombroski

NXP/Samsung 4-14. Please explain why AE was not in compliance with Financial Policy reserve requirements in FY 2014.

ANSWER:

Fund balances did not meet target levels.

Prepared by: RM
Sponsored by: Mark Dombroski

NXP/Samsung 4-15. Please provide for the last three fiscal years, the amount budgeted for internally generated cash for construction and the amount actually spent.

ANSWER:

| | FY13 Cash Appropriations | FY13 Actual | FY14 Cash Appropriations | FY14 Actual | FY15 Cash Appropriations | FY15 Actual |
|---|---|---|---|---|---|---|
| Cash Funding of Capital Costs | 52,134,250 | 66,864,560 | 71,767,000 | 88,866,639 | 96,257,229 | 93,430,089 |

Prepared by: KN
Sponsored by: Mark Dombroski

NXP/Samsung 4-16. Please explain why AE is deducting $3,506,703 in interest income received from the decommissioning fund.

ANSWER:

Please see Note 1 included in WP C-3.5.1 in the RFP. The $3,506,703 is interest income from funds held in the Nuclear Decommission Fund. Consequently, those amounts are earned and retained in the trust fund and not available to support operations.

Prepared by: RM
Sponsored by: Mark Dombroski

NXP/Samsung 4-17. AE recorded $68 million in FY 2014 for revenue AE receives for ERCOT load use of AE's transmission system. AE also reports in its Fiscal Year 2014-15 Fourth Quarter Report that it expects to receive $74.3 million for this revenue source in FY 2015. In light of this, please explain why AE has reduced the amount of transmission revenue AE expected to receive for its test year to $62,129,913.

ANSWER:

See WP E-5.1.1 in the RFP and Austin Energy's Tariff Package, page 4-64 (Bates Stamp 093). The $62,129,913 is the amount required to offset test year transmission revenue requirements appropriately recovered from load entities within ERCOT.

Prepared by: RM
Sponsored by: Mark Dombroski

NXP/Samsung 4-18. Please provide the AE total labor, the labor charged to O&M, and the number of Full-Time Equivalent's (FTE's) for FY 2014, FY 2015 and FY 2016.

ANSWER:

| | FY14 Actual | FY15 Actual | FY16 Amended Budget |
|---|---|---|---|
| **Total Personnel (Labor)** | $ 180,939,745 | $ 200,379,243 | $ 195,404,661 |
| **Total Personnel charged to O&M** | $ 164,798,061 | $ 182,281,195 | $ 176,628,510 |
| **Approved FTE Count** | 1,672.75 | 1,672.75 | 1,672.75 |

Prepared by: SK/KN
Sponsored by: Mark Dombroski

NXP/Samsung 4-19. In answer to NXP/Samsung RFI 2-1, AE provided a Schedule of Vendors in Attachment 1. AE failed to provide the type of service in enough detail to be useful. Please provide the type of service in enough detail to identify the service provided in an Excel spreadsheet, and specifically provide the scope of services provided, including whether which vendors were used to "supplement technology operations, security, Federal compliance initiatives and maintenance activities."

ANSWER:

Please see Attachment 1.

Prepared by: KL
Sponsored by: Kerry Overton

NXP/Samsung 4-20. With reference to 4-15, please provide the documents for the "yearly request for services (that AE states) is based on the needs defined from the project portfolio and operation, security and Federal compliance objectives for technology."

ANSWER:

Please see Attachment 1, which reflects the planned technology services requests for the time period requested for base rates.

Prepared by: KL
Sponsored by: Kerry Overton

# Austin Energy FY2014 Technology Services

| | CIP Services | | | | | |
|---|---|---|---|---|---|---|
| | **FUND** | **DEPT** | **UNIT** | **TYPE** | **PURPOSE** | **AMOUNT** |
| | 3250 | 1107 | 3463 | CIP | Networking consulting services | $150,000 |
| | 3250 | 1107 | 3468 | CIP | Technical Programming Services - ESD (ADMS, Distribution Design System) | $2,779,857 |
| | 3250 | 1107 | 3480 | CIP | Technical Programming Services - Tree Trimming & TOA | $170,539 |
| | 3250 | 1107 | 3635 | CIP | Technical Programming Services - MDMS | $2,427,443 |
| | 3250 | 1107 | 4899 | CIP | Technical Programming Services - MWM Focal Point | $466,939 |
| | 3260 | 1107 | 5103 | CIP | Implementation of Avaya Interfaces (Maximo, AMANDA) | $100,000 |
| | 3290 | 1107 | 5335 | CIP | Implement Enterprise Architecture | $1,000,000 |
| | 3310 | 1107 | 5342 | CIP | New ECC Network Systems IT Infrastructure | $200,000 |
| | 3290 | 1107 | 5417 | CIP | Enterprise Monitoring, Scheduling And Analytics | $200,000 |
| | 3290 | 1107 | 5418 | CIP | Enterprise Networking Implementation | $200,000 |
| | 3290 | 1107 | 5419 | CIP | Cybersecurity Program | $175,000 |
| | 3290 | 1107 | 5420 | CIP | Mobilized Application Data Center Technology Implementation | $350,000 |
| | 3290 | 1107 | 5421 | CIP | Data Storage Technologies | $895,000 |
| | 3290 | 1107 | 5737 | CIP | Technical Programming Services - Finance: Maximo | $2,008,034 |
| | 3290 | 1107 | 5737 | CIP | Software services - Finance: Maximo | $1,200,000 |
| | 3290 | 3120 | NEW | CIP | Data Warehouse/ Business Intelligence Technical Programming and Implementation Services | $1,700,000 |
| | 3290 | 3120 | NEW | CIP | Technical Programming Services - DES: Power Saver v2 (new Power Saver application for Energy Efficiency and Rebate Processing programs) | $1,000,000 |
| | 3290 | 1107 | Plan | CIP | Software Services - Finance: PowerPlant | $350,000 |
| | 3290 | 1107 | Plan | CIP | Technical Programming Services - Finance: PowerPlant | $1,550,000 |
| | 3290 | 1107 | Plan | CIP | Software Services - Finance: PowerPlant | $450,000 |
| | | | | | **CIP Services Total** | **$17,372,812** |
| | | | | | | |
| | | | | | | |
| | **O&M Services** | | | | | |
| | **FUND** | **DEPT** | **UNIT** | **TYPE** | **PURPOSE** | **AMOUNT** |
| | 5010 | 1100 | 1314 | O&M | Technical Support Services - WPS | $80,160 |
| | 5010 | 1100 | 2450 | O&M | Technical Programming Services - DES: energy efficiency and rebate programs (support legacy applications Power Saver, DABI, REIP, DRMS) | $732,400 |
| | 5010 | 1100 | 2450 | O&M | Software Services - DES: salesforce implementations (Key Accounts CRM, ECAD, and Rebate Processing) | $200,000 |
| | 5010 | 1100 | 8320 | O&M | Technical Programming Services - IT | $10,800 |
| | 5010 | 1100 | 8321 | O&M | Technical Programming Services - IT Security | $593,720 |
| | 5010 | 1100 | 8322 | O&M | Technical Programming Services - IT Testing/ITSM/Operations | $976,440 |
| | 5010 | 1100 | 8322 | O&M | Technical Programming Services and Software Services - IT Operational Backfill, Expansion, Managed Services | $2,814,273 |
| | 5010 | 1100 | 8322 | O&M | Telephony (base cost and long distance) | $1,948,138 |
| | 5010 | 1100 | 8322 | O&M | Educational and Subscription Services | $95,100 |
| | 5010 | 1100 | 8323 | O&M | Technical Programming Services - IT Customer Service and Desktop Support | $800,000 |
| | 5010 | 1100 | 8324 | O&M | Technical Programming Services - IT Infrastructure and Operations | $383,500 |
| | 5010 | 1100 | 8325 | O&M | Technical Programming Services - IT Architecture | $495,760 |
| | 5010 | 1100 | 8326 | O&M | Technical Programming Services - IT Analysis and Project Management | $494,029 |
| | 5010 | 1100 | 8327 | O&M | Technical Programming Services - IT Enterprise Application Support | $40,000 |
| | 5010 | 1100 | 8814 | O&M | Technical Programming Services, Software Support and Managed Services - IT Customer Care and Billing Support | $1,000,000 |
| | 5010 | 1100 | 8821 | O&M | Technical Services to Support 311 applications | $184,169 |
| | 5010 | 1100 | 8994 | O&M | Telephony (mobile phone and air cards) | $204,800 |
| | | | | | **O&M Services Total** | **$11,053,289** |

NXP/Samsung 4-21. With reference to the response to NXP/Samsung RFI 2-16, please provide the time frames for the 25% increase in natural gas prices stated on Slide No. 4 of the presentation to the Electric Utility Commission (EUC) — July 21, 2014.

ANSWER:

The initial proposed FY 2015 budget for the Power Supply Adjustment was based on data gathered from May 1, 2013 through April 30, 2014.

Prepared by: PS
Sponsored by: Mark Dombroski

NXP/Samsung 4-22. With reference to the response to NXP/Samsung RFI 2-16, please provide the list and amounts of the "Other non-discretionary costs (that) may be included" referenced in Slide No. 10 of the presentation to the EUC — July 21, 2014.

ANSWER:

The "other non-discretionary costs" included in the FY2015 Regulatory Charge was the ERCOT Administration Fee of $6,945,290.

Prepared by: KN
Sponsored by: Mark Dombroski

NXP/Samsung 4-23. Are any of the projects and purposes referenced in the response to NXP/Samsung RFI 2¬1, related to the expenditures for the ""IT projects and billing system enhancements" presented in Slide No. 22 of the presentation to the EUC — July 21, 2014.

ANSWER:

Yes. These items are identified in Attachment 1 to Austin Energy's Response to NXP/Samsung RFI No. 4-19 in the "Service" column and contain the term "Customer Information System."

Prepared by: KL
Sponsored by: Kerry Overton

NXP/Samsung 4-24. Please provide the amount of Contributions in Aid of Construction (CIAC) collected from the end of the test year through December 2015 by project type referred to in AE's response to NXP/Samsung RFI 3-15.

ANSWER:

**Contributions in Aid of Construction (CIAC)**
**October 2014 - December 2015**

| | |
|---|---|
| Other Contributions | 8,383,821.17 |
| New Service Resident | 2,946,394.61 |
| New Service Commercial | 13,664,920.77 |
| Meter fee | 400.00 |
| Street Lights | 1,457,101.16 |
| Dual Feed | 1,060,186.90 |
| **Total** | **27,512,824.61** |

Prepared by: CG
Sponsored by: Mark Dombroski

NXP/Samsung 4-25. Please state the outside requirement for each of the funds referred to as "restricted cash" in AE's response to NXP/Samsung RFI 2-17.

ANSWER:

Since Austin Energy reports in accordance with accounting for regulated operations, enabling legislation also includes restrictions on asset use established by its governing board, which is City Council. Please see Appendix D of Austin Energy's Tariff Package for a complete description of each Financial Policy. The outside requirement for adherence to restrictions placed on Austin Energy by its governing board, Austin City Council, is Government and Accounting Standards for regulated operations.

STP is subject to regulation by the Nuclear Regulatory Commission (NRC). The NRC requires that each holder of a nuclear plant-operating license submit assurance of sufficient funds are being accumulated for decommissioning.

| Fund | Note |
|---|---|
| Decommissioning account | See AE Financial Policy #18 |
| Strategic Reserve | See AE Financial Policy #16 |
| Construction | See AE Financial Policy #14 |
| ST Revenue Bond Debt Service | See AE Financial Policy #5 |
| Bond Reserve | See AE Financial Policy #5 |
| Customer Deposit | Restricted by purpose |
| Escrow Deposit | Restricted by purpose |
| Repair & Replacement | See AE Financial Policy #15 |

Prepared by: MG/JL
Sponsored by: Mark Dombroski

NXP/Samsung 4-26. Please provide debt coverage ratio using the Comprehensive Annual Financial Report (CAFR) method at the end of the test year and at December 31, 2015, showing the calculation and formula used for the CAFR and for budget purposes (updating compliance with AE's Financial Policies).

ANSWER:

*CAFR Formula:*

Utility Service Charges (A) = operating revenue + interest income
Operating Expenses (B) = operating expense other than interest on debt, depreciation, amortization, and year-end unfunded other post-employment benefit and pension expenses
Total Debt Service (C) = Principal + Interest

Debt Service Coverage ratio = [(A) - (B)]/ (C)

Debt Service Coverage ratio from CAFR FY14 is 2.42 and December 31, 2015 (unaudited) is 3.14 (calculated using a 12 month rolling Income Statement).

*Financial Policy Formula (proposed budget):*

Total Revenue (A)
Total Operating Expenses (B)
Total Debt Service (C) = Principal + Interest

Debt Service Coverage ratio = [(A) - (B)]/ (C)

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 4-27. Please refer to AE's response to NXP/Samsung RFI 3-3. How much has the City contributed to Seaholm CIAC over the life of project? What are the anticipated contributions subsequent to the end of the test year?

ANSWER:

None. See Austin Energy's Supplemental Response to NXP/Samsung RFI No. 3-3. The $1,530,352 transfer for Seaholm Redevelopment was not CIAC but rather proceeds from the sale of land.

Prepared by: CB
Sponsored by: Mark Dombroski

NXP/Samsung 4-28. What services did AE acquire from the Seaholm Power Development LLC? Please provide the total amount paid during the test year and the payments through December 31, 2015.

ANSWER:

A. Seaholm Power Development LLC provides construction and engineering services for AE.

B. Austin Energy paid $1,933,781 and $1,196,295 to Seaholm Power Development LLC during FY 2014 and through December 31, 2015 respectively.

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 4-29. Please provide the number of years AE has employed programmers for IT Staff Augmentation. Please provide the estimated cost for IT Staff Augmentation during the time that base rates from this proceeding will be in effect.

ANSWER:

The IT Staff Augmentation program began in 1998. Austin Energy has not estimated the cost for IT Staff Augmentation into the future.

Prepared by: KL
Sponsored by: Kerry Overton

NXP/Samsung 4-30. Please explain how the rate payers of AE were benefited by paying for legal services in the City of Austin v. Harry M Whittington, et al.

ANSWER:

The cost of legal services is a reasonable cost associated with the provision of utility service. The specific costs in question were incurred in order to mitigate risk exposure. Customers benefitted from this expenditure because it provided insurance against an unfavorable legal decision that could have a negative financial impact on Austin Energy and its customers.

Prepared by: MA
Sponsored by: Mark Dombroski

NXP/Samsung 4-31. Please provide AE's response to NXP/Samsung RFI 1-107 in Excel format. Bates numbers 909-971.

ANSWER:

See Attachment 1.

Prepared by: SK
Sponsored by: Mark Dombroski

NXP/Samsung 4-32. Please provide account and/or fund number descriptions for all listed in NXP/Samsung RFI 1-107.

ANSWER:

See Attachment 1. Where account descriptions include the address of a customer, the description has been redacted.

Prepared by: DK
Sponsored by: Mark Dombroski

| Unit_CD | ORGN_NAME |
|---|---|
| 1105 | Facility Management |
| 1106 | Public Involvement |
| 1111 | Organization Development |
| 1112 | Human Resources |
| 1114 | Key Accounts Management |
| 1115 | Data Analytics & Business Intelligence |
| 1117 | Security Management Services |
| 1119 | Business Dev & Contr.Complianc |
| 1120 | Distributed Enrgy Serv. Adm |
| 1121 | Marketing Communications |
| 1122 | Corporate Communications |
| 1124 | Energy Products |
| 1125 | Vp, Customer Care Services |
| 1126 | Hr & Business Services |
| 1127 | Advertising-Conservation |
| 1131 | Project Management Office. |
| 1302 | Law Section |
| 1305 | General Managers Office |
| 1306 | General Operations |
| 1307 | Environmental Projects |
| 1309 | Safety Management |
| 1310 | Corporate Improvement Services |
| 1312 | State & Federal Govt Relations |
| 1314 | Regulatory & Govt Affairs |
| 1317 | Community Support |
| 1318 | Risk Mangt-Insurance |
| 1319 | Risk Control |
| 1320 | Strategic Planning and Technology |
| 1322 | Emo-Market Systems |
| 1323 | Emo-Energy Market Analysis |
| 1324 | Market Operations & Risk Management |
| 1325 | Infrastructure Support Services |
| 1327 | Energy Market Operations - Administration |
| 1328 | Utility Scales Renewabes Projects |
| 1330 | Reliability Compliance Program |
| 1350 | Office Of Chief Operating Officer |
| 1351 | Shared Services |
| 1360 | Administration-Ch |
| 1361 | Corporate Priorities |
| 2100 | Environmental Management |
| 2101 | Ae Laboratory Services |
| 2102 | Environmental Field Service |
| 2210 | Engineering & Environmental - Decker |
| 2211 | Administration - Generation |
| 2212 | Generation Plant Support |
| 2213 | Administration - Decker |

| Unit_CD | ORGN_NAME |
|---|---|
| 2216 | Sand Hill-Administration |
| 2217 | Sandhill-Operations |
| 2218 | Sand Hill - Engineering and Environmental |
| 2219 | Sandhill--Maintenance |
| 2220 | Sand Hill-Warehouse |
| 2221 | Downtown Plant-Chilled Water |
| 2222 | Admin For District Energy |
| 2223 | Lamar And 6Th Chilled Water |
| 2224 | Domain District Cooling Plant |
| 2225 | 911 Call Center-Chilled Water |
| 2230 | 911 Back-Up Center |
| 2232 | Rmec - District Energy |
| 2234 | Rmec- Generation |
| 2251 | Generation Engineering |
| 2252 | Decker Maintenance |
| 2273 | Operations - Decker |
| 2275 | Chemistry - Decker |
| 2282 | Decker Warehouse |
| 2284 | Holly Closure Maintenance |
| 2285 | Longhorn Dam Maintenance |
| 2300 | Power Production Project & Asset Mgmt |
| 2411 | Fayette Operations |
| 2415 | Stp  Operations |
| 2417 | Fuel |
| 2418 | Green Choice Expenses |
| 2437 | Green Building Prgm |
| 2450 | DSM Management |
| 2451 | DSM Program Mgmt |
| 2452 | DSM Program Support |
| 2453 | DSM Solar Program |
| 2454 | EES Technical Support |
| 2455 | DSM Commercial/MultifamilyPrgm Mgmt |
| 2486 | Local Government |
| 2487 | Electric Vehicles |
| 2490 | Emerging Technologies |
| 3003 | Sr Vp Elec. Serv. Delivery |
| 3101 | So &R Administration |
| 3102 | Emergency Management |
| 3103 | Telecom Make-Ready |
| 3111 | DistributionPlanning |
| 3123 | ESD Project Support & Tech |
| 3202 | Substation And Relay Eng. |
| 3204 | Transmission Engineering |
| 3205 | Esd Survey |
| 3206 | Equipment Material |
| 3212 | Jobbing & Contracts Projects |

| Unit_CD | ORGN_NAME |
|---|---|
| 3213 | Jobbing & Contract Materials |
| 3215 | Disaster Restoration |
| 3402 | Complex Metering |
| 3403 | Distribution Constr & Maint |
| 3404 | Transmission Constr And Maint. |
| 3409 | Administration Kramer Ln |
| 3414 | Dist Design North |
| 3415 | Substation Construction & Main |
| 3417 | Training Safety & Process Analysis |
| 3502 | Electric Maintenance |
| 3504 | Distribution Construction |
| 3506 | Service Dispatch |
| 3510 | Network Construction & Maint. |
| 3512 | Administration |
| 3514 | Dist Design South |
| 3516 | Work Management-South |
| 3702 | Contract Management |
| 3703 | Civil Inspection |
| 3708 | Utility Forestry-Distribution |
| 3709 | Project Management |
| 3710 | Utility Forestry-Transmission |
| 3711 | System Engineering |
| 3713 | Transmission Planning |
| 3714 | System Control Center |
| 3715 | Relay Construction and Maintenance |
| 5110 | Sys Maint & Restoration |
| 5111 | Control Center |
| 5112 | Control Engineering |
| 5115 | Gis Services & One Call |
| 6500 | Free Weatherization |
| 6510 | Multi-Family Rebates |
| 6590 | Commercial-Exisit Construction |
| 6600 | Small Businesses |
| 6610 | Green Building |
| 6630 | Commercial Power Partner |
| 6690 | Solar Program |
| 6691 | Solar PV Performance Based Incentive Program |
| 6720 | Residential Power Partner-Aggr |
| 6730 | Load Coop |
| 6740 | Thermal Energy Storage |
| 6760 | Home Performance w Energy Star |
| 6770 | Appliance Efficiency Program |
| 6800 | CAP Weatherization Program |
| 6810 | Electric Vehicles Incentives |
| 6820 | SPUR Strategic Partnership wUtilities & Retailers |
| 6840 | Free Weatherization rollover |

| Unit_CD | ORGN_NAME |
|---|---|
| 7200 | Bad Debt Expense |
| 7303 | Municipal Conservation Program |
| 7510 | Commission On Debt |
| 7511 | Commercial Paper Admin Exp Taxable |
| 7700 | Transmission Expense |
| 7712 | Ercot Exp. Recoverable |
| 7800 | Other Expenses |
| 7801 | Accrued Payroll |
| 8309 | Sr Vp Finance |
| 8311 | Ae Internal Audits |
| 8312 | 8312- Regulated Oper/Fin Support |
| 8313 | Pricing & Rate Analysis |
| 8314 | CIP Budget |
| 8315 | O&M Budget |
| 8316 | Materials Control |
| 8317 | Kramer Warehouse |
| 8318 | St Elmo Warehouse |
| 8319 | Reclamation |
| 8320 | IT CIO |
| 8321 | IT Security |
| 8322 | IT Business & Quality Management |
| 8323 | IT Customer Service |
| 8324 | IT Operations |
| 8325 | IT Engineering & Architecture |
| 8326 | IT Program Management |
| 8327 | IT Enterprise Applications |
| 8340 | Corporate Accouning |
| 8341 | Revenue Accounting and Analysis |
| 8342 | Accounts Payable |
| 8344 | Inventory & Asset Accounting |
| 8361 | Reliability & Power Quality |
| 8366 | Fleet Management |
| 8800 | Customer Care Services Reimbursement |
| 8801 | Call Center Adm. |
| 8802 | Billing Services Admin |
| 8803 | Cust. Complaints & Rsltn |
| 8804 | Customer Care Staff Development |
| 8805 | Remittance Processing |
| 8806 | Call Cntr Oper Sys. Mgmt |
| 8807 | Bill Production |
| 8808 | VP, Customer Account Management |
| 8809 | Rev Measure-Field Services Ops |
| 8810 | Rev Measur-Contract Compliance |
| 8811 | Revenue Measurement&Control |
| 8812 | Rev Measurement Field Supp. |
| 8813 | Call Center |

| Unit_CD | ORGN_NAME |
|---|---|
| 8814 | Credit Management |
| 8816 | Call Center Consumer Serv. |
| 8817 | Bill Support |
| 8818 | Business Performance Quality & Improvement |
| 8819 | Current Diversion |
| 8820 | Ccc-Small Commercial |
| 8821 | Call Cntr City Wide Info Cntr |
| 8823 | East Branch Office |
| 8824 | Multifamily Partnership Prgm |
| 8825 | 311 Reimbursement Services |
| 8826 | North Branch Office |
| 8827 | Customer Assistance Program Services |
| 8828 | Customer Account Management Reimbursement |
| 8991 | Wholesale&Retail Markets Corp. |
| 8992 | Quality Management Admin |
| 8993 | Finance Corporate |
| 8994 | Support Services-Corporate |
| 8995 | Des Corporate Corporate |
| 8996 | Esd Corporate |
| 8997 | Genco-Corporate |
| 9991 | Interfund Transfers-Electric |
| 9993 | Debt Service Transfers |
| 100 | Chilled Water Parent Acct |
| 101 | District Chiller Plant -Csc |
| 102 | Dist Chiller Plant-6Th/Lamar |
| 103 | Dist. Chiller Plant-Austin Cc |
| 106 | The Domain Tes And Piping Ext |
| 107 | Domain Bchp - Chiller |
| 108 | Upgrade Domain Ckt Breakers |
| 109 | Upgrade Domain Air Compresson |
| 110 | Asbestos Abatement-Domain |
| 112 | Domain Chiller 5 Transformer |
| 114 | Domain Boilers |
| 120 | Downtown Chill H20 Piping Inst |
| 121 | Dcp-1 Ct Deck Hoist |
| 122 | OSER - 6920 CASH PARENT |
| 123 | MEC - Equipment Weatherization |
| 124 | MEC - Additional Plant Instrumentation |
| 125 | Domain - Plant West Cooling Tower Improvement |
| 126 | Contract Solicitations Blanket-Engineering and CW Pipe Contr |
| 127 | Controls and Automation System Installation Blanket |
| 128 | DCP2 Phase 4 Chiller Install |
| 129 | Chilled Water Piping from future DCP3 |
| 203 | Hobby Cw Plant - Chiller Activ |
| 204 | Hobby Control Rm&Shop Buildout |
| 205 | Amli Retail |

| Unit_CD | ORGN_NAME |
|---|---|
| 206 | Hobby Cooling Tower Vibr Mntg |
| 207 | Marriott Connection |
| 208 | Urban Village Connection |
| 211 | 515 Congress Service Conection |
| 212 | Downtown  212 Trinity |
| 213 | Downtown Amli Block 2 |
| 214 | Downtown Amli Block 4 |
| 215 | Domain - Automation Upgrade |
| 216 | Domain Chw Trunk Lines |
| 217 | Ballet Austin |
| 218 | Austin 360 - Novaire |
| 221 | DCP-2 Bay 2 Chillers-ACC |
| 222 | CW Service Connection to ZOM |
| 223 | CW Service Connection to The Shores |
| 224 | DCP-1 Service Connection |
| 225 | CW Connection to AMLI Blk22 |
| 226 | Austin Music Hall |
| 227 | DCP-2 Phase 3 Chiller Install |
| 228 | Chilled Wtr Svc Spring 1 |
| 229 | Austonian Service Connection |
| 230 | 5th Street Capacity Improvements |
| 231 | Dtown Ctrl Upgrad - Integration & Convert Customer Ctrl |
| 232 | Chilled Water Service Connection to Four Seasons Residential |
| 235 | Stratus Block 21 |
| 236 | RMEC Phase 3 Chiller |
| 237 | WFR Heat Exchanger |
| 238 | DCP1 Cooling Tower Piping Improvements |
| 239 | DCP2 - Chiller Condenser Barrel Coating |
| 240 | DCP1-Chiller Condenser Barrel Coating |
| 241 | Domain - Reroof Building 062 |
| 242 | Domain Piping & Connections |
| 243 | Domain Plant Emer Air Comp. |
| 245 | DOMAIN - RWIP |
| 246 | Domain Simon Ph 2 Pipe |
| 247 | Domain Westin |
| 248 | Domain Perimeter Fence |
| 249 | Austin Convention Center South Customer Connection |
| 250 | Meters for Evaporation Credits for MEC |
| 251 | Meters for Evaporation Credits for DCP-1 |
| 252 | Meters for Evaporation Credits for DCP-2 |
| 253 | Hilton Heat Exchanger Upgrade |
| 254 | DCP1 Sand Filter |
| 255 | Minor Improvements - DCP1 reserve for projects under $100k |
| 256 | City of Austin New Main Library Customer Connection |
| 257 | Seaholm Development District Coordination |
| 258 | DCP2 Chiller Actuator Upgrade |

| Unit_CD | ORGN_NAME |
|---|---|
| 259 | [redacted] |
| 262 | RMEC Piping & Connections |
| 264 | RMEC DPRI Steam Service |
| 265 | RMEC Ctrl Upgrd/Reliability Improvements |
| 267 | Hobby Chiller Asset |
| 268 | MEC Electric Reliability Improvements - NEPA |
| 269 | Domain Micro Logix |
| 270 | RMEC Steam Distribution System Improvements |
| 271 | Domain Remote Operation to RMEC |
| 272 | [redacted] |
| 273 | MEC 800HP Boiler |
| 274 | MEC Lube Oil Containment |
| 275 | Cirrus Logics Chilled Water Customer Connection |
| 276 | Upgrade Controls at DCP1 |
| 277 | Domain - Replace Cooling Tower Gear Boxes and Fans |
| 278 | DCP2 Sand Filter Improvements |
| 279 | Domain Plant Chiller Starter Replacement |
| 280 | MEC Control Room Expansion |
| 281 | Film Society HVAC |
| 282 | MEC Sand Filter |
| 283 | Domain Chiller 9 Motor |
| 284 | DCP2 to Brazos Loop Extension |
| 285 | Hyatt Place Customer Connection |
| 286 | MEC Water Softener Replacement |
| 287 | DCP1 Controls Upgrade |
| 288 | DCP2 Controls Upgrade |
| 289 | Domain - Parkplace Customer Connection |
| 290 | [redacted] |
| 291 | |
| 292 | Downtown - Crescent Tract Purchase |
| 293 | Domain Plant Sand Filter Installation |
| 294 | Silicon Labs Heat Exchanger Improvement |
| 295 | Domain - Streetlights |
| 296 | Domain Chiller No. 8 Motor |
| 297 | Whole Foods Energy Management System Upgrade |
| 298 | Domain - Minor Improvements |
| 299 | Domain 15kV Breakers |
| 302 | Domain - New 2,500-ton Chiller Installation |
| 303 | Domain - New Cooling Tower for Chilled Water Plant |
| 304 | Domain - RWIP - Chiller Assets |
| 305 | Domain - RWIP - Gas Turbine Equipment BLDG 59 |
| 306 | DCP1 - Variable Frequency Drive on Cooling Tower Fan Motors |
| 307 | DCP2 - Office Construction |
| 308 | New Central Library Mechanical Room Installation |
| 309 | Domain - Parkside 5 - OSER |
| 310 | DCP1 - Cooling Tower Upgrade |

| Unit_CD | ORGN_NAME |
|---|---|
| 311 | NUECES AND 4TH STREET CHILLED WATER TRANSMISSION LINE |
| 312 | GREEN WTP SITE CHILLED WATER TRANSMISSION LINE |
| 313 | DCP Hotel Van Zandt Chiller Connection |
| 314 | DCP2 - Chemical Storage Addition |
| 315 | DCP1 - Chemical Storage Addition |
| 316 | Minor Improvements - DCP2 (Convention Center Chiller) |
| 317 | Minor Improvements - Domain Chiller Plant |
| 318 | Minor Improvements - RMEC Chiller Plant (Mueller) |
| 319 | [redacted] |
| 320 | |
| 321 | |
| 322 | |
| 324 | Domain-Install three Variable Frequency Drives |
| 325 | Hydraulic Model |
| 326 | Downtown Chilled Water Distribution System Imprv |
| 327 | Domain District Cooling Plant Chiller (3) Replacement Projec |
| 328 | 501 Congress Customer Connection |
| 330 | Domain 7 Office |
| 331 | DCP2 Basin Wash System Installation |
| 333 | [redacted] |
| 334 | Domain Balance of Plant PLC |
| 335 | 500 West 2nd Street Mechanical Room (Green Office) |
| 336 | Waller Park Place Customer Connection |
| 337 | Shoal Creek Walk |
| 338 | Domain 5 Office-New Domain Customer Connection |
| 339 | 5th & West Condominiums-New Downtown Customer Connection |
| 340 | DCP1 Condenser Pump VFD Upgrade |
| 341 | Domain Cooling Tower Fencing Phase II |
| 342 | Domain ADA Project |
| 343 | [redacted] |
| 344 | |
| 1003 | Resource Recovery Plant |
| 1089 | Capitalized Inventories |
| 1093 | Stp Capital Addns After In Svc |
| 1096 | Stp-Test Energy Credits |
| 1098 | Fayette Capital Improvements |
| 1102 | Fpp Units 1& 2 Scrubber |
| 1103 | Fayette Railcars |
| 1171 | Alternate Energy Projects |
| 1178 | Zero Energy Buildings |
| 1179 | Wind Technology Demonstration |
| 1254 | Retirement-Solar Pv Systems |
| 1255 | Convention Center Pv System |
| 1256 | Town Lake Events Center Pv Sys |
| 1258 | Off-Grid Pv Systems |
| 1259 | On-Grid Pv Systems |

| Unit_CD | ORGN_NAME |
|---|---|
| 1420 | Mcneil 138Kv Cirbreaker Upgrad |
| 1423 | Holly Svc/Statcom Addition |
| 1425 | Insulator Upgd - Ckt 3123 |
| 1427 | 6.21 Acre Austrop Land Sale |
| 1428 | Austrop Ccvt Installation |
| 1430 | Ckt 921-2 Land Purchase |
| 1431 | Barton Sub Fence & Drive Upgra |
| 1432 | Ckt 947 Stub Pole Installation |
| 1433 | Barton Cap Bank Breaker Upgrad |
| 1434 | Decker 932 Metering Upgrade |
| 1435 | Salem Walk Capbank Breaker Upg |
| 1436 | Techridge Term Dpp To Tr Line |
| 1437 | Decker Term For Dpp To Tr Line |
| 1438 | Hicross Breaker Upgrade |
| 1439 | Ckt 947 Reliability Upgrade |
| 1441 | Kingsbery 947 Breaker Upgrade |
| 1442 | Hv Cap Bank |
| 1443 | Oak Hill Capacitor Bank Additi |
| 1444 | Pilot Knob Yard Spill Control |
| 1445 | Lost Pines Metering Upgrade |
| 1446 | McNeil Grounding Upgrades |
| 1447 | McNeil Auto Upgrade |
| 1448 | Decker Bus 2 Upgrade |
| 1449 | Hi-Cross Ckt 987 Termination Upgrade |
| 1450 | Sand Hill GSU #3 Addition |
| 1451 | Slaughter Lane Ckt 988 Termination |
| 1452 | Fiskville to McNeil CKT 934 Tones Upgrade |
| 1453 | Decker Bus 3 & 2N Upgrades |
| 1454 | JE 2RP Tones Upgrades Circuit 986 |
| 1455 | HiCross Substation Yard Improvements |
| 1456 | Sand Hill Bus Modifications |
| 1457 | Kingsbury To Cameron Fiber Installation |
| 1458 | Hamiton to Jett Tones Upgrade |
| 1459 | Lytton Yard Improvements |
| 1460 | Angus Valley Breaker Addition |
| 1461 | McNeil Substation Bus Upgrades |
| 1462 | Webber Solar Switchyard |
| 1463 | Webber Solar Transmission Tie-In |
| 1464 | Stoney Ridge Sub Trans Tie-In |
| 1465 | AU-1201 Breaker Replacement and Relay Upgrade |
| 1466 | Commons Ford CF-900 Cap Bank Relay and Breaker Upgrade |
| 1467 | Seaholm CKT 970/1015 Relocation |
| 1468 | Kingsbery 825/950 Breaker Upgrades |
| 1469 | Austrop Physical Security Project |
| 1496 | Hwy 290 E Toll Rd Relocation of Ckt 975 |
| 1497 | AU-6160 Breaker Upgrade |

| Unit_CD | ORGN_NAME |
|---|---|
| 1498 | Garfield Animal Deterrent Installation |
| 1499 | MC to SU (CKT 907) Reconductor |
| 1500 | AMD to PE (Ckt 1014/1017) |
| 1502 | Carson Creek to Pilot Knob Tones Upgrades |
| 1503 | Trans Line NERC Upgrades |
| 1504 | Williamson Capacitor Bank Addition |
| 1505 | Hi-Cross to Salem Walk Ckt 927 Tones Upgrades |
| 1506 | Pedernales Yard Improvements |
| 1507 | Seaholm Circuit Switcher 604M and 605M |
| 1508 | CKT 3123 Insulator Upgrade |
| 1509 | Pilot Knob 900 Breaker Upgrade |
| 1510 | Dunlap Substation Transmission Tie In |
| 1511 | Dunlap Transmission Easements |
| 1512 | HM-SU Ckt 939 Tones Upgrade |
| 1513 | HC-PK CKT 925 Tones Upgrades |
| 1514 | Sand Hill Switchyard Compliance Project |
| 1515 | AU 345 KV Breaker Upgrade (6170 & 1202) |
| 1516 | Warren Sub Circuit Breaker Additions |
| 1517 | Sprinkle TSUB 902 Upgrade to 3000A |
| 1518 | Daffin Gin TSUB Upgrade to 3000A |
| 1519 | Grove Kingsbery CKT 947 Relay Upgrade |
| 1520 | DECKER YARD TO WALNUT CREEK CKT 917 RELAY UPGRADES |
| 1521 | GARFIELD AUTOTRANSFORMER REPLACEMENT AND UPGRADE |
| 1522 | Decker Plant 902 & 1013 Upgrade to 3000A |
| 1523 | Sprinkle 906 Upgrade to 3000A and 1011 Tie |
| 1524 | Lost Pines CCVT Upgrade to PT |
| 1525 | Garfield Substation Containment |
| 1526 | McNeil Substation Upgrade to 3000A CKT 1013 |
| 1527 | McNeil Substation BUS Protection Upgrades |
| 1528 | Daffin Gin Substation Upgrade to 3000A CKT 974 |
| 1529 | Austin Dam PT Upgrade and Bus Support Addition |
| 1530 | Austrop Yard Improvements |
| 1531 | Oak Hill 600M & 601M Circuit Switcher Upgrade |
| 1532 | Salem Walk 929 Upgrade |
| 1533 | Ed Bluestein to Kingsbery (CKT 911) Relay Upgrade |
| 1534 | Statcom Control System Replacement |
| 1535 | Texas Wildfire Mitigation |
| 1536 | Lytton Springs AT1 Relay Upgrade & Tertiary Switchgear Demo |
| 1686 | Csc-Downtown Tunnel |
| 1687 | Csc-Downtown Streetlights/Dist |
| 1688 | Csc-Downtown Plaza Lighting |
| 1711 | Upgrade Longhorn Dam Liftgates |
| 1716 | Holly  Power Plant Nox Reducti |
| 1718 | Upgrade Circuit Breakers-Holly |
| 1719 | Holly Fire Renovations |
| 1720 | Env Stor/Contain Area-Aels Hly |

| Unit_CD | ORGN_NAME |
|---|---|
| 1721 | MEC Gas Compressor Noise Abatement |
| 1722 | Security Improvements - Holly |
| 1724 | Cathodic Protection Rep.-Holly |
| 1725 | Upgrade Analytical Lab Roof |
| 1754 | Decker Plant SPCC Corrections |
| 1755 | GT Water Injection Pump |
| 1756 | Upgrade Decker Plant Lights |
| 1757 | [redacted] |
| 1758 | |
| 1759 | |
| 1760 | |
| 1761 | Decker Gas Yard Controls |
| 1762 | [redacted] |
| 1763 | |
| 1764 | Cathodic Protection Rep. - Dkr |
| 1765 | Powrx @ Decker |
| 1766 | Upgrd Packing -D2 |
| 1767 | Upgrd Hydro Cool Rev Cham D2 |
| 1768 | Upgr Coated Blades&Nzl Blk-D2 |
| 1769 | Upgrade Circulating Wtr Pmp-D2 |
| 1770 | Reroof Control Center - Decker |
| 1772 | Security Improvements - Decker |
| 1775 | Upgrade Circuit Breakers-Deckr |
| 1776 | Decker Power Plant Nox Reducti |
| 1777 | Upgrade Decker Sewage Lift Sta |
| 1784 | Upgrade Electric Motors Decker |
| 1788 | Decker Boiler Controls Upgrade |
| 1793 | Stp Cip Credits |
| 1800 | Communicatn & Cntrl Sys Improv |
| 1871 | Asbestos Abatement Holly |
| 1872 | Asbestos Abatement Decker |
| 1887 | Fire Protection/Safety-Holly |
| 1894 | Holly Rwip |
| 1902 | Substation Landscaping Program |
| 2029 | L1-Ug Dist -Rwip Proj |
| 2030 | Oh Distribution - Rwip Project |
| 2031 | Streetlighting - Rwip Project |
| 2032 | L1-Retirement Oh Distribution |
| 2036 | Rwip - Pcb Oh Transformers |
| 2037 | Distribution System Removal |
| 2100 | Dist Sys Control Automation |
| 2116 | Tx Dot Highway Upgrades |
| 2117 | Txdot:183 Wide 620 To Lakeline |
| 2118 | Txdot: Hwy 183-Springdale-Mlk |
| 2122 | Streetlighting-Outside City Li |
| 2123 | Commercial Lighting Services |

| Unit_CD | ORGN_NAME |
|---|---|
| 2124 | Residential Lighting Services |
| 2125 | Meters - Commercial |
| 2126 | Meters - Family |
| 2127 | Relocate/Replace - City |
| 2128 | Relocate/Replace - County |
| 2129 | Relocate/Replace - Federal |
| 2130 | Relocate/Replace - Private |
| 2131 | Relocate/Replace - State |
| 2132 | Single Phase Overhead - Comm |
| 2133 | Single Phase Overhead - Family |
| 2134 | Single Phase Underground-Comm |
| 2135 | Single Phase Underground-Famil |
| 2136 | Streetlighting - Major |
| 2137 | Streetlighting - Residential |
| 2144 | Temporary Service-Commercial |
| 2145 | Temporary Service - Family |
| 2146 | Three Phase Overhead-Commercia |
| 2147 | Three Phase Overhead - Family |
| 2148 | Three Phase Underground - Comm |
| 2149 | Three Phase Underground-Family |
| 2150 | Transformers - Commercial |
| 2151 | Transformers - Family |
| 2154 | St Elmo Office Bldg/Warehouse |
| 2156 | Completed Dist Projects-901107 |
| 2167 | Youth Athletic Lighting |
| 2177 | Distribution Services |
| 2178 | Saltio Plaza Imps |
| 2191 | Upgrade Oh Transformers Nonpcb |
| 2203 | Solar PV Install-Fire Dept |
| 2204 | Solar PV Install-Fleet Dept |
| 2205 | Solar PV Install-Health Dept |
| 2206 | Solar PV Install-PARD |
| 2207 | Solar PV Install-Library Dept |
| 2208 | Solar PV Install-AE |
| 2209 | Solar PV Install-AWU |
| 2210 | Solar PV – Glen Bell Service Center |
| 2211 | Solar PV - APD Training Academy |
| 2212 | Dino Trail Zilker Park |
| 2213 | Solar PV-Dittmar |
| 2497 | 1-Way Meter Replacement |
| 2498 | Dist AMR Meters - Residential |
| 2499 | Dist AMR Meters - Commercial |
| 2500 | Distribution Syst Mods 12.5Kv |
| 2501 | 1 Phase Residential = 120V |
| 2502 | 1 Phase Commerical <7200Kv |
| 2503 | 1 Phase Commercial = 7200 Kv |

| Unit_CD | ORGN_NAME |
|---|---|
| 2504 | 3 Phase Residential => 208V |
| 2505 | 3 Phase Commercial 12.5 Kv |
| 2506 | 3 Phase Commercial <12.5 Kv |
| 2507 | Distribution Service W/Vault |
| 2508 | Meters - Temp Construction Pow |
| 2509 | 3 Ph Com 12.5 Kv-Primary Meter |
| 2510 | Replace/Relocate Distribution |
| 2511 | Temporary Power Design |
| 2512 | Distribution Ducts |
| 2513 | Capacitors For Reactive St-Ph1 |
| 2514 | Cf-4 Tie Line Reconductor Ph. |
| 2515 | Sar - Primary Feed |
| 2516 | Mount Larson Reconductor |
| 2517 | Oc-2/Fm 969 - Reconductor |
| 2518 | Dell Dual Feed, 1418 Park Ctr |
| 2519 | Cf 4 Recon Edgewater To Mecca |
| 2520 | Replace Rotten Distr Poles |
| 2521 | Ullrich - Primary Feed |
| 2522 | Summit 14 Domain |
| 2523 | Central Austin Ckt - 5 |
| 2524 | Dorsett Recndctr-4900 Hawkhavn |
| 2525 | Freescale Feeder-7700 W Parmer |
| 2526 | Sweetwater Glen Phase 1 (10301 |
| 2527 | Lexington Phase 1 |
| 2528 | Wm Renewble Engy 9900 Giles Rd |
| 2529 | 3301 Hibbits Rd (Hp) |
| 2530 | Amd Lonestar (Temp Power) |
| 2531 | Pearce @ Ross Rd. Wr# 11532 |
| 2532 | Los Robles Apt. Complex(#12849 |
| 2533 | Stoney Ridge |
| 2534 | 11401 Ih35 |
| 2535 | 15560 Hunters Bend Rd |
| 2536 | Zachary Scott Sec. 2 (Wr 13792 |
| 2537 | Barton Creek Section H, Ph 4 |
| 2538 | Stoney Ridge Ph B Section 2 |
| 2539 | Southpark Meadows Ph 6 (Wr1343 |
| 2540 | Fiesta Ckt-5 1208 E38 1/2 St |
| 2541 | Meadows At Double Creek |
| 2542 | Sweetwater Glen Phase2,3,4 |
| 2543 | 11300 Blk Braker Ln #15391 |
| 2544 | 9500 Metric Blvd-Unisys |
| 2545 | Hill Country Galleria #9282 |
| 2546 | 7101 S Mopac (#14389) |
| 2547 | Reserve@Southpark 1-A |
| 2548 | Reserve@Southpark 1-B |
| 2549 | Reserve@Southpark 2-B |

| Unit_CD | ORGN_NAME |
|---|---|
| 2550 | Hornsby Glen Subdivision |
| 2551 | Lantana Sec 4 Subd #14782 |
| 2552 | No. Lakeway Village Sec 2&3 |
| 2553 | [redacted] |
| 2554 | |
| 2557 | Meter Management Software |
| 2599 | Telecom make ready - Pole Replacement |
| 2700 | Jollyville Access Roadway - TSUB |
| 2701 | Ed Bluestein Yard Upgrade - TSUB |
| 2702 | Rinard Creek Substation - TSUB |
| 2703 | AD 123 Switchgear and Circuit Switcher Upgrade - TSUB |
| 2705 | Holman Control House - TSUB |
| 2708 | Austrop AT-2 Tertiary Upgrade - TSUB |
| 2774 | Transmission Outage Application |
| 2778 | Northland Capacitor Bank Add. |
| 2779 | Holly Substation |
| 2781 | Fiesta Substation |
| 2786 | Lytton Spring Substation |
| 2790 | Mcneil Substation |
| 2793 | Mueller Substation - Trans |
| 2794 | Northwest Aus Substation-Trans |
| 2797 | Sandhill Substation-Trans |
| 2799 | Seaholm At/123Conv/Cb - Trans |
| 2800 | Replace Control Houses |
| 2801 | Jollyville Substaion-Trans |
| 2802 | Holly Control House/Revenue Me |
| 2815 | Carson Creek Unit 789 - Trans |
| 2817 | Koening Lande Substaton-Trans |
| 2822 | Decker Bus Split |
| 2823 | Summit Unit 789 & 10-11-12 Rep |
| 2829 | Common Ford Sub Unit 789-Trans |
| 2830 | Techridge Unit 789-Trans |
| 2832 | Summit Ckt Switcher Inst-Trans |
| 2835 | Northwest Substation Cut-In |
| 2836 | Warren 789 Unit-Trans |
| 2837 | Bee Creek 789 Unit-Trans |
| 2838 | Central Austin Subst - Trans |
| 2839 | Barton Pt's |
| 2840 | Williamson Unit456&101112 Upgd |
| 2841 | Cameron 138Kv Cir Brkr Instll |
| 2842 | Trading Post 456 Additionstll |
| 2843 | Sprinkle 456 & Cb-T |
| 2844 | Harris Sub Rebuild (Gis) - T |
| 2846 | Holman Rd & Relay Upgrade |
| 2848 | Kingsbery Line Term To Bergstr |
| 2850 | Jollyville 10-11-12 Unit Add |

| Unit_CD | ORGN_NAME |
|---|---|
| 2851 | Jett 7-8-9 Unit Addition |
| 2852 | Holly Switchyard Mods - Opt B |
| 2853 | Angus Valley Grounding Upgrade |
| 2854 | Env Containment @ Tsubs |
| 2855 | Justin Lane Substation - T |
| 2856 | Stp Switchyard Upgrade |
| 2857 | Garfield 962 Relay Upgrade |
| 2858 | Justin Ln Transmission Cut-In |
| 2859 | Cardinal Ln Land Acquisition-T |
| 2860 | Lytton Shielding Upgrade |
| 2861 | Austrop Improvements |
| 2862 | Dessau Substation Upgrade-Tran |
| 2863 | Hamilton Cap Bank Breaker Upgr |
| 2864 | Dessau Expansion-Samsung |
| 2865 | Patton Ln Unit 10-11-12 Addit |
| 2866 | Linda Vista Sub Land Acqu |
| 2867 | Hidden Valley Unit 456 Sub Add |
| 2868 | Pedernales Rebuild |
| 2869 | Holly Unit 3 Radiator Upgrade |
| 2870 | North Substation Wreck-Out |
| 2871 | Jollyville Cap Bank Breaker |
| 2872 | Ed Bluestein Circ Switch Upgrd |
| 2873 | Mcneil 909 Termination(Mctode) |
| 2874 | Hamilton Yard Spill Control |
| 2875 | Howard Lane 456 |
| 2876 | Steck Yard Spill Control |
| 2877 | Dessau Fab 2 |
| 2878 | Jett Yard Spill Control |
| 2879 | Wells Branch Substation |
| 2880 | Patton Lane 13-14-15 Addition |
| 2881 | Vega Substation |
| 2882 | Slaughter Ln SubCkt Swit Add |
| 2883 | Lakeway Ckt Switcher Addtn |
| 2884 | Cardinal Ln Rebuild - T |
| 2885 | Barton Circuit Switchers |
| 2886 | Emer Mobile Bldg Pad Site-T |
| 2887 | Howard Ln Yard Spill Control |
| 2888 | Brackenridge Yd Spill Control |
| 2889 | Hamilton Ckt Breaker Upgrade |
| 2890 | Angus Valley Unit 123 Repl -TRAN |
| 2891 | Patton Lane 456 Upgrade - TRAN |
| 2893 | Dessau 22-23-24 Unit Add-T |
| 2894 | Stony Ridge Substation-T |
| 2895 | Lakeshore Substation Imps-T |
| 2896 | Austrop Spec. Protect. Sys. Install |
| 2897 | Seaholm Plnt Sub Reconfig-T |

| Unit_CD | ORGN_NAME |
|---|---|
| 2898 | Lytton 988 Termination Upgrade |
| 2900 | Fy2001 Transmission Parent |
| 2901 | Transmission Substation Rwip |
| 2902 | Transmission Ckt Rwip |
| 2903 | Critical Relaying Program |
| 2912 | Relay Chg-Dessau For Techridge |
| 2913 | Relay Chg-Howard Ln For Techri |
| 2914 | Tones Upgrade Program |
| 2915 | Relay Upgr-Jollyville Nw Sub |
| 2916 | Rtu Program |
| 2917 | Koenig Ln Substation Rebuild-T |
| 2918 | Zilker Substation Demol-T |
| 2919 | CM 10-11-12 Unit Addition-T |
| 2920 | Surge Arrestor Upgrade Program |
| 2921 | ASEA Breaker Replacement Project |
| 2922 | Transmission Parent |
| 2923 | Astrop 345kVBus. Upgrade |
| 2924 | Lytton AT-3 Installation |
| 2925 | FPP Yard #1 Bus. Upgrade |
| 2926 | FPP Yard #1 Relay Upgrade |
| 2927 | Seaholm Substation Remediation transmission |
| 2928 | FPP Yard #1 Circuit Breaker Upgrade |
| 2929 | Commons Ford Yard Improvements |
| 2930 | Dunlap Substation |
| 2931 | Holly Control House |
| 2932 | Wheless Lane Substation Yard Improvements |
| 2933 | Dunlap Substation |
| 2934 | Kingsbery Wall Installation |
| 2935 | LCRA CSS and CKT 962-963 |
| 2936 | Weather Stations |
| 2937 | HWY 290 East Road Widening |
| 2938 | Warren Substation Yard Improvements |
| 2939 | Daffin Gin 123 Upgrade |
| 2940 | Cameron Substation Yard Improvements |
| 2941 | Bullick Hollow Substation |
| 2942 | River Place 789 Unit Addition |
| 2943 | Elroy Substation |
| 2944 | Salem Walk Control House Upgrade |
| 2945 | Daffin Control House Upgrade |
| 2946 | Warren Circuit Switchers |
| 2947 | DE 2526 Unit Addition |
| 2948 | Trans Fiber Optics |
| 2949 | Rinard Creek Property Purchase Trans |
| 2950 | Grove 123 Transformer Upgrade |
| 2951 | Arc Flash Mitigation Relay Upgrade |
| 2952 | MC 123 Upgrade Tran |

| Unit_CD | ORGN_NAME |
|---|---|
| 2953 | WL 456 Unit Upgrade |
| 2954 | BU Substation Relocations - T |
| 2955 | Brackenridge Substation Gate Upgrade - T |
| 2956 | Fiskville Wall - T |
| 2958 | Fiskville Yard Improvements - T |
| 2959 | Walnut Creek Yard Improvements - T |
| 2960 | Salem Walk 123 Upgrade - T |
| 2962 | Trading Post 789 Addition TSUB |
| 2963 | Northland Unit 123 Upgrade - T |
| 2964 | Hamilton Substation 123 Upgrade TSUB |
| 2965 | Ion Metering System (redundant PQMS) TSUB |
| 2966 | SALEM WALK SUB 456 UNIT UPGRADE TSUB |
| 2967 | AD 456 Switchgear and Circuit Switcher Upgrade - TSUB |
| 2969 | Northwest Unit 456 - TSUB |
| 2970 | Met Center Unit 123 Addition - TSUB |
| 2971 | Dunlap 123 Unit Addition - TSUB |
| 2972 | Sprinkle 123 Unit Replacement-TSUB |
| 2973 | Lytton Springs AT2 Relay Upgr & Tertiary Swtgr Repl-TSUB |
| 2974 | Kingbery 123 Unit Replacement |
| 2976 | 6Th Streetscape Improvements |
| 2978 | Streetlighting-Newly Annexed A |
| 3007 | So.1St Street Extension |
| 3008 | Giles Lane Improvements |
| 3101 | Fy2001 Distribution Parent |
| 3105 | Network Vaults |
| 3106 | Network Services - No Vault |
| 3107 | Network Feeders > 12.5 Kv |
| 3108 | Network Feeders = 35Kv |
| 3109 | Network Street Lightsv |
| 3110 | Network Area Ductlines |
| 3113 | Oh To Ug - Distribution |
| 3115 | Four Seasons Resid New Vault |
| 3116 | Methodist Church Transformer |
| 3124 | Dell Transf &Switch Gear Upgrd |
| 3125 | Lakeshore (Ls)4 Reconductor |
| 3126 | Techridge-8 Feeder Addition |
| 3127 | Techridge 7 Feeder Addition |
| 3128 | Ntwk Feeder - Upgrade Ckt P-40 |
| 3129 | Ntwk Feeder - Nueces Ductline |
| 3135 | SP-8 Feeder Installation |
| 3136 | Upgd Dist Underbls-Steel Trns |
| 3137 | Tta: Sh45, Section, 7, North |
| 3138 | Tta: Lp1,Sec1,Ex N Parm Sh 45 |
| 3139 | Watt & Var Transducer Install. |
| 3140 | Tta:Sh45,Sec 8N, Pecan Pk-Prmr |
| 3141 | Dual Feed - So Austin Hospital |

| Unit_CD | ORGN_NAME |
|---|---|
| 3142 | State Switchgear Fiber Install |
| 3143 | Dual Feed - Us Veterans Affair |
| 3144 | Tta: Sh130 Relocationn Pk-Prmr |
| 3145 | Riverplace Ug Conversion & Tie |
| 3146 | Austin Triangle Majsys Tieline |
| 3147 | Dual Feed: Nationa Instruments |
| 3148 | Home Depot Dual Service Entran |
| 3149 | Davenport Hdd Ductline |
| 3150 | 2201 Nueces Ductline |
| 3151 | Dell Data Center Expans Ph 2 |
| 3152 | Ih35 @ Yager Ln Relocation |
| 3153 | Sh 45 S.E. |
| 3154 | Dual Feed: Tx Comm On Env Qual |
| 3155 | Lohman's Crsg Rd Reconductor |
| 3156 | Sw "C" Pump Exp-7435 W Slaugtr |
| 3157 | 200 Red River(Bridge Crossing) |
| 3158 | Hidden Valley Feeder Tie |
| 3159 | Reicher Ranch Relocation |
| 3160 | Pl-10Feeder Lantana Ductline |
| 3161 | Cf-4 Reconductor 6D Ranch Rvr |
| 3162 | Pl-10 Crossing |
| 3163 | Shops@Arbor Walk 10600 N Mopac |
| 3164 | Panhandle Expansion Ductline |
| 3165 | South Park Meadows Ph 4T |
| 3166 | Meadowlake Subd. Ph 3 & 4 |
| 3167 | Preserve @ Lakeway |
| 3168 | Zachary Scott - Section 1 |
| 3169 | [redacted] |
| 3170 | |
| 3171 | Robertson Hill Apts |
| 3172 | Hill Country Galleria |
| 3173 | Dell Inc. Ph2 - Drdc Expansion |
| 3174 | Dev Reimb: Span Oaks 2-B Oh Ug |
| 3175 | Dev. Reimb: Hill Co Galleria |
| 3176 | [redacted] |
| 3177 | |
| 3178 | SAMC Helipad |
| 3179 | 1200Blk Barbara Jordan Blvd |
| 3180 | [redacted] |
| 3181 | CMTA So Central Transit |
| 3182 | Lantana (AMD) Ductline |
| 3183 | 5th St Commons Underground Dip |
| 3184 | [redacted] |
| 3185 | |
| 3186 | |
| 3187 | Spanish Oaks – Sec 7 #13279 |

| Unit_CD | ORGN_NAME |
|---|---|
| 3188 | [redacted] |
| 3189 | |
| 3190 | Mobile Mapping, Field Auto |
| 3191 | URD Cable Replacement & Upgrade |
| 3192 | [redacted] |
| 3193 | TLC Backup Circuit |
| 3194 | Spanish Oaks Sec 8 #15738 |
| 3195 | UG Dist Design Software |
| 3196 | 13700 Blk McNeil Merrilltown |
| 3197 | Spanish Oaks Sec 7 Ductline #13271 |
| 3198 | Southpark Commerce Ctr Lot 8 |
| 3199 | Mobile Hardware |
| 3301 | [redacted] |
| 3302 | Aviara Heights & Res #15372 |
| 3303 | Thaxton Place Subd |
| 3304 | Main Ln Plaza 8/Toll Rd SH130 |
| 3305 | [redacted] |
| 3306 | Legacy @ Townlake (43 Rainey St) |
| 3307 | Southpark Meadows 2 Apt |
| 3308 | Falconhead West Ph 1 |
| 3309 | Extend Trading Post Ckt 1 |
| 3310 | [redacted] |
| 3311 | |
| 3312 | 6000 Block Center Ridge |
| 3313 | Hill Country Galleria Apts #16613 |
| 3314 | [redacted] |
| 3315 | |
| 3316 | Round Mountain Estates PH2 |
| 3317 | [redacted] |
| 3318 | KB Sheldon Feeder |
| 3319 | Sage Meadows Condominiums |
| 3320 | [redacted] |
| 3321 | |
| 3322 | Cielo Homes/Vista Royal |
| 3323 | [redacted] |
| 3324 | |
| 3325 | |
| 3326 | |
| 3327 | Amarra Section 2 |
| 3328 | The Arbors at Stonegate (North) |
| 3329 | Bouldin-Gibson Reconductor |
| 3330 | Colonial Grand @ Double Creek Apt |
| 3331 | [redacted] |
| 3332 | Ashbrook Subdivision |
| 3333 | 5th and Baylor |
| 3334 | [redacted] |

| Unit_CD | ORGN_NAME |
|---|---|
| 3335 | [redacted] |
| 3336 | |
| 3337 | |
| 3338 | |
| 3339 | |
| 3340 | |
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| 3342 | |
| 3343 | |
| 3344 | |
| 3345 | |
| 3346 | |
| 3347 | |
| 3348 | |
| 3349 | |
| 3350 | Cherry Mount Estates |
| 3351 | Residences at Onion Creek |
| 3352 | [redacted] |
| 3353 | |
| 3354 | |
| 3355 | |
| 3356 | |
| 3357 | |
| 3358 | |
| 3359 | |
| 3360 | Canyon at Lake Travis |
| 3361 | [redacted] |
| 3362 | |
| 3363 | Falconhead West Ph 1.2.2 |
| 3364 | [redacted] |
| 3365 | |
| 3366 | |
| 3367 | |
| 3368 | |
| 3369 | |
| 3370 | |
| 3371 | South Lamar Apts 1500 |
| 3372 | [redacted] |
| 3373 | |
| 3374 | Knollwood-Section 1 |
| 3375 | Distribution Automation |
| 3376 | [redacted] |
| 3377 | Justin Sub Underbuild #22701 7522 N Lamar |
| 3378 | Austin's Colony Section 7B |
| 3379 | Lexington Parke Section 1 Phase 2 |
| 3380 | Castle East Condominiums |

| Unit_CD | ORGN_NAME |
|---|---|
| 3381 | Airport Gateway |
| 3382 | 1900 Wheless Lane (Power Cable Replacement) |
| 3383 | [redacted] |
| 3384 | |
| 3385 | |
| 3386 | |
| 3387 | Amli Riverside |
| 3388 | [redacted] |
| 3389 | |
| 3390 | Reconduct Shoalmont to Allendale #53072 |
| 3391 | [redacted] |
| 3392 | |
| 3393 | |
| 3394 | |
| 3395 | |
| 3396 | |
| 3397 | |
| 3398 | |
| 3399 | |
| 3400 | |
| 3401 | |
| 3402 | |
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| 3407 | |
| 3408 | |
| 3409 | |
| 3410 | |
| 3411 | |
| 3412 | |
| 3413 | |
| 3416 | |
| 3418 | Tuscan Village Section 1/106-2200 sqft cottages &72-1500 sqf |
| 3419 | [redacted] |
| 3420 | |
| 3421 | |
| 3422 | |
| 3423 | |
| 3424 | |
| 3425 | |
| 3426 | |
| 3427 | Open-Wire Secondary Changeout Program |
| 3428 | [redacted] |
| 3429 | |
| 3430 | |
| 3431 | |

| Unit_CD | ORGN_NAME |
|---|---|
| 3432 | [redacted] |
| 3433 | LED Street Lightning |
| 3434 | [redacted] |
| 3435 | |
| 3436 | |
| 3437 | |
| 3438 | |
| 3439 | |
| 3440 | Distribution Airswitch Upgrade |
| 3441 | [redacted] |
| 3442 | |
| 3443 | AE Small World GIS Upgrade |
| 3444 | Power On / AMI Interface |
| 3445 | Work Requests Key Accounts |
| 3446 | Remote Intelligent Street Light Monitoring System |
| 3447 | [redacted] |
| 3448 | |
| 3449 | Holly PP Demo Electric Services |
| 3450 | [redacted] |
| 3451 | Install Underground feeder tie TP1 and TP6 |
| 3452 | Feeder Coordination Improvement Program |
| 3453 | Distribution Automation Retrofits |
| 3454 | Scadamate Upgrades |
| 3455 | ESPEC Worst Performing Feeder |
| 3456 | Storm Center Mobile |
| 3457 | [redacted] |
| 3458 | |
| 3459 | |
| 3460 | |
| 3461 | |
| 3462 | |
| 3463 | ADMS/OMS Upgrade Project |
| 3464 | Trading Post TP-1 and TP-6 |
| 3465 | Carson Creek New Feeder #67178 |
| 3466 | [redacted] |
| 3467 | |
| 3468 | ESD Program Design and Implementation Services |
| 3469 | [redacted] |
| 3470 | |
| 3471 | |
| 3472 | |
| 3473 | 3621 Slaughter Ln (Ranch House Apartment Complex) |
| 3474 | [redacted] |
| 3475 | |
| 3476 | |
| 3477 | |

| Unit_CD | ORGN_NAME |
|---|---|
| 3478 | [redacted] |
| 3479 | |
| 3480 | Tree Trimming Application |
| 3481 | [redacted] |
| 3482 | |
| 3483 | |
| 3484 | |
| 3485 | |
| 3486 | Grand Marc - 510 W 26th St |
| 3487 | [redacted] |
| 3488 | |
| 3489 | |
| 3490 | |
| 3491 | |
| 3492 | |
| 3493 | |
| 3494 | |
| 3495 | |
| 3496 | |
| 3497 | River Ridge Estates 1601 E Slaughter Ln |
| 3498 | [redacted] |
| 3499 | |
| 3520 | |
| 3521 | |
| 3522 | |
| 3523 | |
| 3524 | |
| 3525 | |
| 3526 | VA Outpatient Clinic 7901 Metropolis Dr |
| 3527 | [redacted] |
| 3528 | |
| 3529 | |
| 3530 | |
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| 3535 | |
| 3536 | |
| 3537 | |
| 3538 | |
| 3539 | |
| 3540 | |
| 3541 | |
| 3542 | |
| 3553 | Dist Line NERC Upgrades |

| Unit_CD | ORGN_NAME |
|---|---|
| 3554 | [redacted] |
| 3555 | |
| 3556 | |
| 3557 | |
| 3558 | |
| 3559 | |
| 3560 | |
| 3561 | |
| 3562 | |
| 3563 | Guadalupe - Saldana Netzero Subdivision |
| 3564 | [redacted] |
| 3565 | |
| 3566 | |
| 3567 | |
| 3568 | |
| 3569 | |
| 3571 | |
| 3572 | |
| 3573 | |
| 3574 | |
| 3575 | |
| 3576 | |
| 3577 | |
| 3578 | |
| 3579 | |
| 3580 | |
| 3581 | |
| 3582 | |
| 3583 | 7700-7060 Elroy Rd |
| 3584 | [redacted] |
| 3585 | |
| 3586 | Dark Sky and Roam Make Ready |
| 3587 | [redacted] |
| 3588 | OnRamp 2916 Montopolis Dr |
| 3589 | [redacted] |
| 3590 | |
| 3591 | |
| 3592 | 16-South Park Meadow Condos |
| 3593 | Power Cabling for Samsung Fab 2 Expansion |
| 3594 | BR2/4/8 Reconductor |
| 3595 | [redacted] |
| 3596 | |
| 3597 | Distribution Upgrade for ROAM |
| 3598 | [redacted] |
| 3599 | Cielo Austin |
| 3600 | [redacted] |

| Unit_CD | ORGN_NAME |
|---|---|
| 3601 | [redacted] |
| 3602 | |
| 3603 | |
| 3604 | |
| 3605 | |
| 3606 | |
| 3607 | |
| 3608 | |
| 3609 | |
| 3610 | |
| 3611 | Hornsby Bend Biosolids Plant CoGen: 2210 S FM973 |
| 3612 | [redacted] |
| 3613 | |
| 3615 | |
| 3616 | |
| 3617 | Munson Park-320 Capital of TX Hwy |
| 3618 | [redacted] |
| 3619 | South Shore 1A 1B 1C Mixed Use |
| 3620 | [redacted] |
| 3621 | |
| 3622 | |
| 3623 | |
| 3624 | |
| 3625 | |
| 3626 | |
| 3627 | |
| 3628 | |
| 3629 | |
| 3630 | 3 Eleven Bowie Project (311 Bowie Street) |
| 3631 | [redacted] |
| 3632 | |
| 3633 | |
| 3634 | |
| 3635 | Meter Data Management System (MDMS) Phase 1 |
| 3636 | [redacted] |
| 3637 | |
| 3638 | 7601 Daffan Ln - Oak Crest Phase 3 #113011 |
| 3639 | [redacted] |
| 3640 | |
| 3641 | |
| 3642 | |
| 3643 | |
| 3644 | ARMS Installation |
| 3645 | DL-TR CKT 975 Relocation TRANS |
| 3646 | 2717 S Lamar BLVD |
| 3647 | [redacted] |

| Unit_CD | ORGN_NAME |
|---|---|
| 3648 | [redacted] |
| 3649 | |
| 3651 | Landmark Southpark - 715 W Slaughter LN |
| 3652 | [redacted] |
| 3653 | Ladera Phase Three Subdivision |
| 3654 | ENOSERV Powerbase Software |
| 3655 | [redacted] |
| 3656 | |
| 3657 | |
| 3658 | |
| 3659 | |
| 3660 | |
| 3661 | |
| 3662 | |
| 3663 | |
| 3664 | |
| 3665 | |
| 3666 | Colorado Crossing Sec 8 and Underground Primary Switchgear T |
| 3667 | SHEC Units 1-4 Mark VI and FANUC Control Upgrade |
| 3668 | [redacted] |
| 3669 | |
| 3670 | Lytton Bus and Yard Upgrade |
| 3671 | BAL-HM CKT 913 Relay Upgrade |
| 3672 | EPS Metering Upgrades |
| 3673 | NERC 345 kV Compliance Upgrade Version 4 |
| 3674 | [redacted] |
| 3675 | |
| 3676 | |
| 3677 | Holly Bus Modification |
| 3678 | Circuit 974 Reconductor |
| 3679 | CKT 920 (AU to DL) Reconductor |
| 3680 | Northland Circuit Breaker 800 Upgrade |
| 3681 | KB-1021 Breaker Upgrade |
| 3682 | 15 kV Switchgear Breaker Upgrade |
| 3683 | [redacted] |
| 3684 | |
| 3685 | |
| 3686 | SHEC - Unit 5 Backup Power for EMCCs |
| 3687 | [redacted] |
| 3688 | SHEC - HVAC Improvements |
| 3689 | [redacted] |
| 3690 | |
| 3691 | |
| 3692 | |
| 3693 | |
| 3694 | |

| Unit_CD | ORGN_NAME |
|---|---|
| 3695 | Manor Rd at Tilley Mueller 7C Ph 2 #112065 |
| 3696 | [redacted] |
| 3697 | RESERVE @ BEE CAVES APT #108219 |
| 3698 | Mansions at Lakeline 10500 Lakeline 111570 |
| 3699 | [redacted] |
| 3720 | |
| 3721 | |
| 3722 | Commons Ford Park Reconduct #77791 |
| 3723 | Amarra Phase 3B 4900 Amarra Dr |
| 3724 | Encino Trace Office Bld Phase 1, 2 119489 |
| 3725 | [redacted] |
| 3726 | |
| 3727 | |
| 3728 | |
| 3729 | |
| 3730 | |
| 3731 | |
| 3732 | |
| 3733 | |
| 3734 | |
| 3735 | |
| 3736 | |
| 3737 | |
| 3738 | GSI Strategic Partnership Project |
| 3739 | 6400 Blue Goose (Thornbury P2 Sec4) #121050 |
| 3740 | [redacted] |
| 3741 | Davis WTP Duct Bank Design & Installation |
| 3742 | [redacted] |
| 3743 | |
| 3744 | |
| 3745 | |
| 3746 | |
| 3747 | |
| 3748 | |
| 3749 | |
| 3750 | |
| 3751 | |
| 3752 | |
| 3753 | |
| 3754 | Bradshaw Crossings - Se |
| 3755 | [redacted] |
| 3756 | |
| 3757 | |
| 3758 | |
| 3759 | |
| 3760 | |

| Unit_CD | ORGN_NAME |
|---|---|
| 3763 | [redacted] |
| 3764 | |
| 3765 | |
| 3766 | |
| 3767 | |
| 3770 | |
| 3777 | |
| 3778 | |
| 3779 | |
| 3781 | |
| 3787 | |
| 3795 | |
| 3796 | |
| 3799 | |
| 3809 | |
| 3834 | |
| 3842 | AE Facilities Relocation (new road ROW) - TXDot HWY 71 Toll |
| 3850 | [redacted] |
| 3859 | |
| 3862 | |
| 3868 | |
| 3876 | |
| 3878 | |
| 3893 | |
| 3948 | Dist Fiber Optics |
| 4000 | Fy2001 Distribution Subst Par |
| 4001 | Distribution Substation Rwip |
| 4002 | Patton Lane Fire |
| 4003 | Long Lead Equipment |
| 4004 | Sudden Pressure Relay Card Upgrades |
| 4005 | Hamilton 101112 Feeder Relay Upgrade |
| 4006 | Balcones Feeders |
| 4007 | AMR Installations @ FV & MU Substations |
| 4008 | KF Relay Replacement Program |
| 4009 | Dessau Distribution Feeder Relay Upgrade |
| 4113 | Power Quality Monitoring Sys |
| 4118 | Distribution Feeder Relay Upgr |
| 4187 | Fault Recorder Installation De |
| 4220 | Transformer Load Tap Changer F |
| 4229 | Ckt @ Mueller Substation |
| 4236 | Transmission Pole Upgrades |
| 4242 | Burleson Termination |
| 4243 | Patton To Barton Reroute |
| 4244 | Decker To Howard Ln 138Kv Ckt |
| 4246 | C Austin Trans (Fi-Ca-Kl) |
| 4247 | Ckt 989 Term @ Onion Creek |

| Unit_CD | ORGN_NAME |
|---|---|
| 4248 | Ckt 989 Term @ Bergstrom |
| 4249 | Ckt 929 (Ba To Sw)&Trans Diff. |
| 4250 | Tower Upgrade |
| 4252 | Lakeshore 4 - Reconductor Tran |
| 4254 | Sh130 Transmission Relocation |
| 4255 | Lakeway 2Nd 138Kv Feed |
| 4256 | Ckt 987 Reliability Upgrade |
| 4257 | Ckt 921 Upgrade |
| 4258 | Ckt 830/1014 Lake Crsg Str Upg |
| 4259 | Ckt 961 Reliability Upgrade |
| 4260 | Ckt 822 Relocation (Walmart) |
| 4261 | Cf To Sw Structure Purchase |
| 4262 | Hicross To Salem Walk Tran Lin |
| 4263 | Ckt 920 Relay Upgrade |
| 4264 | Ckt 943- Pk To Ls Reliability |
| 4265 | Ckt 940 - Hamilton To Wmson Re |
| 4266 | Ckt 974 - Decker To Austrop Re |
| 4267 | Ckt 941 - Dorsett Relocation |
| 4268 | Ckt 822-Burleson-Cardinal Rctr |
| 4269 | Ckt 824-Cardinal Ln-Seaholm Re |
| 4270 | Ckt 961 Capital Metro Reroute |
| 4271 | Ckt 1021 Be To Kb Txdot Rerout |
| 4272 | Ckt 1021/947-Be To Kb Rebuild |
| 4273 | Hillje Transmission Re-Configu |
| 4274 | BU 923 Termination |
| 4275 | Seaholm Ckt 970 Termination |
| 4276 | Gilliland To Techridge Easement |
| 4277 | LY-PK Tones Upgrades |
| 4278 | CKT 987/CKT988 HC to SL/LY to SL |
| 4279 | FPP Circuit Switcher Upgrade |
| 4280 | Decker Bus. 1 Upgrades |
| 4281 | BAL Dist Metering Upgrade |
| 4282 | CKT 965 Tower Upgrades |
| 4283 | CKT 946 AMD to Grove Relay Upgrade |
| 4284 | Steck Circuit Breakers |
| 4285 | CKT 902 Reconductor Decker to Sprinkle |
| 4286 | CKT 1013 Reconductor Decker to McNeil |
| 4287 | CKT 1011 Reconductor Daffin Gin to Sprinkle |
| 4288 | CKT 979 AND CKT 942 SEPERATION CKT 979 UPGRADE TO 3000A |
| 4289 | CKT 918 Transmission Reliability Upgrade |
| 4290 | CKT 941 SU-WI Reconductor |
| 4291 | Howard Ln to Jollyville (CKT 961) Grounding Upgrade |
| 4292 | Lost Pines 3130 Metering Addition |
| 4293 | Austrop 3133 Metering Addition |
| 4294 | Burleson to HiCross (CKT 949) Insulator Upgrades |
| 4296 | Dessau to Sprinkle (1029) Reconductor |

| Unit_CD | ORGN_NAME |
|---|---|
| 4297 | Circuit 938 Reroute |
| 4298 | DE-SK Ckt 906 Reconductor |
| 4299 | Jollyville Upgrade to 3000A |
| 4301 | Ckt 1013 Double Breaker at Decker Power Plant |
| 4302 | GL to TR Ckt 1030 |
| 4303 | GL New Term to TR Ckt 1030 |
| 4305 | TR Combined (3rd, 4th, New Term. and Upgrade to 3000A) |
| 4306 | HL-TR CKT 1004 and JV-TR 961 Reconductor |
| 4307 | Dunlap Metering Ckt 3130-3133 |
| 4308 | Summit Tie Breaker Replacement to 3000A (SU-950) |
| 4310 | Dunlap-Decker plant CKT 1027 Reconductor |
| 4313 | LCRA McNeil to Marshall Ford T-160 Tap into Hidden Valley |
| 4314 | Howard Lane Upgrade to 3000A (HL-TR CKT 1004) |
| 4315 | Onion Creek Yard Restoration |
| 4316 | NERC/CIP v5 Gateway |
| 4519 | Ntwk Srv-200 West 2Nd St. |
| 4523 | Ntwk Srv-101 Colorado Street |
| 4524 | Ntwk Srv-301 San Jacinto |
| 4526 | Ntwk Srv-Lavista Condos |
| 4527 | Ntwk Srv-City Homeless Shelter |
| 4532 | Ntwk Srv-701 W 5Th |
| 4533 | Ntwk Srv-300 Ceasar Chauvez |
| 4534 | [redacted] |
| 4535 | Ntwk Vault Cc Gar&Chiller Plnt |
| 4536 | Ntwk Vault - 400 Neches |
| 4537 | Ntwk Vault - Austin City Lofts |
| 4538 | Ntwk Vault -Acc Parking Garage |
| 4539 | Ntwk Vault - 1200 N Ih35(Tmrs) |
| 4540 | Ntwk Vault - 301 San Jacinto |
| 4541 | Ntwk Vault-Marriott-300 W. 4Th |
| 4542 | Ntwk Vault - 303 W. 11 |
| 4543 | Ntwk Vault - 2209 Rio Grande |
| 4544 | Ntwk Vault - 710 W. 22Nd St |
| 4545 | Ntwk Vault - 2700 Nueces |
| 4546 | Ntwk Vault 400 S. 1St(Long Ctr |
| 4547 | Ntwk Vault - Amil Blk 22 |
| 4548 | Ntwk Vault - 101 Colorado |
| 4549 | Ntwk Vault - Zom Austin |
| 4550 | Network Vault Protection |
| 4551 | Ntwk Vault-610 W. 5Th(Abc Bank |
| 4552 | Ntwk Vault - 907/909 Congress |
| 4553 | Ntwk Vault - 901 Red River |
| 4554 | Ntwk Vault - 2222 Rio Grande |
| 4555 | Ntwk Vault - 2103 Rio Grande |
| 4556 | Ntwk Vault - 2300 Nueces |
| 4557 | [redacted] |

| Unit_CD | ORGN_NAME |
|---|---|
| 4558 | Ntwk Vlt-603 Davis (Shores Apt |
| 4559 | Ntwk Vault - 701 W. 28Th St |
| 4560 | Ntwk Vault-360 Nueces |
| 4561 | Ntwk Vault:2200 & 2208 Pearl |
| 4562 | [redacted] |
| 4563 | |
| 4564 | |
| 4565 | |
| 4566 | NTWK VAULT: 2510 Leon St |
| 4567 | [redacted] |
| 4568 | |
| 4569 | |
| 4570 | |
| 4571 | |
| 4572 | |
| 4573 | |
| 4574 | |
| 4575 | NTWK: 2501 San Gabriel |
| 4576 | NTWK: 200 Congress |
| 4577 | [redacted] |
| 4578 | NTWK: 207 San Jacinto St. |
| 4579 | [redacted] |
| 4580 | |
| 4581 | NTWK: 98 San Jacinto St. Four Seasons Condo |
| 4582 | [redacted] |
| 4583 | |
| 4584 | |
| 4585 | |
| 4586 | |
| 4587 | |
| 4588 | |
| 4589 | |
| 4590 | Hyatt Ballroom and Parking Garage 208 Barton Springs Road |
| 4603 | Grid Vault - St Edwards Conv |
| 4604 | [redacted] |
| 4605 | |
| 4606 | |
| 4607 | VAULT SAFETY IMPROVEMENTS |
| 4608 | Seaholm Power Plant (800 W Cesar Chavez) VAULT |
| 4609 | [redacted] |
| 4610 | |
| 4611 | |
| 4612 | |
| 4613 | |
| 4614 | |
| 4615 | |

| Unit_CD | ORGN_NAME |
|---|---|
| 4616 | [redacted] |
| 4617 | |
| 4618 | |
| 4619 | |
| 4620 | |
| 4627 | JH Winters Building VAULT |
| 4700 | Jollyville Access Roadway - DSUB |
| 4701 | Ed Bluestein Yard Upgrade - DSUB |
| 4702 | Rinard Creek Substation - DSUB |
| 4703 | AD 123 Switchgear and Circuit Switcher Upgrade - DSUB |
| 4704 | MC 101112 Swgr Upgr - DSUB |
| 4705 | Holman Control House - DSUB |
| 4706 | Cameron Distribution Feeder Relay Upgrade - DSUB |
| 4707 | Trading Post Circuit Breaker TP3 Addn - DSUB |
| 4708 | Austrop AT-2 Tertiary Upgrade - DSUB |
| 4776 | Summit Substation Fault Current Project |
| 4777 | HVAC upgrade to Substation Relay Houses |
| 4781 | Fiesta Substation (Dist) |
| 4783 | Grove Switchgear Upgrade (SCC Dual Feed) |
| 4790 | Mcneil Substation (Dist) |
| 4793 | Mueller Substation - Dist |
| 4794 | Northwest Aus Substation-Dist |
| 4800 | Replace Control Houses Dsub |
| 4810 | Decker Substation-Dist |
| 4815 | Carson Creek Unit 789 - Distr |
| 4817 | Koening Lane Susbstation-Dist |
| 4818 | Brackenridge Substation-Dist |
| 4823 | Summit Unit 789 & 10-11-12 Rep |
| 4827 | Patton Ln Circuit Switcher/Rec |
| 4829 | Common Ford Sub Unit 789-Distr |
| 4830 | Techridge Unit 789-Distr |
| 4832 | Summit Ckt Switcher Inst-Distr |
| 4836 | Warren 789 Unit-Distr |
| 4837 | Bee Creek 789 Unit-Distr |
| 4838 | Austin Central Sub-Distr |
| 4840 | Williamson Unit456&101112 Upgd |
| 4842 | Trading Post 456 Addition |
| 4843 | Sprinkle 456 & Cb-T |
| 4844 | Harris Sub Rebuild (Gis) - D |
| 4845 | Seaholm 456 |
| 4846 | Security Camera Adds At Substa |
| 4848 | Substation Animal Proofing |
| 4850 | Jollyville 10-11-12 Unit Add |
| 4851 | Jett 7-8-9 Unit Addition |
| 4852 | Seaholm 35Kv Switchgear Upgrad |
| 4853 | Seaholm Wall |

| Unit_CD | ORGN_NAME |
|---|---|
| 4854 | Env Containment @ Dsubs |
| 4855 | Justin Ln Dist-Substation |
| 4858 | Onion Creek 456 Relay Upgrade |
| 4859 | Cardinal Ln Land Acquisition-D |
| 4860 | Be Dist Breaker Relay Upgrade |
| 4862 | Dessau Substation Upgrade-Dist |
| 4864 | Dessau Expansion-Samsung |
| 4865 | Patton Ln Unit 10-11-12 Addit |
| 4867 | Hidden Valley Unit 456 Sub Add |
| 4868 | Pedernales Rebuild |
| 4870 | North Substation Wreck-Out |
| 4874 | Hamilton Yard Spill Control |
| 4875 | Howard Lane 456 |
| 4876 | Steck Yard Spill Control |
| 4877 | Dessau Fab 2 |
| 4878 | Jett Yard Spill Control |
| 4879 | Wells Branch Substation |
| 4880 | Patton Lane 13-14-15 Addition |
| 4881 | Vega Substation |
| 4883 | Lakeway Ckt Switcher Addtn |
| 4884 | Cardinal Ln Rebuild - D |
| 4886 | Emer Mobile Bldg Pad Site-T |
| 4887 | Howard Ln Yard Spill Control |
| 4888 | Brackenridge Yd Spill Control |
| 4890 | Angus Valley Unit 123 Repl - DIST |
| 4891 | Patton Lane 456 Upgrade - DIST |
| 4893 | Dessau 22-23-24 Unit Add-D |
| 4894 | Stony Ridge Substation-D |
| 4895 | Lakeshore Substation Imps-D |
| 4897 | Seaholm Plnt Sub Reconfig-D |
| 4898 | Transformer Inventory |
| 4899 | Mobile Workforce Management-Dist’ |
| 4901 | Sprinkle Animal Deterrent Syst |
| 4903 | Amd Animal Deterrent System |
| 4904 | Mcneil Yard Improvements |
| 4905 | Summit Animal Deterrent Sys |
| 4906 | Brodie 124&6 Feeder Relay Upgr |
| 4907 | Mag Plant Relay Upgrades |
| 4908 | Wheless Ln 4 Feeder Relay Upgr |
| 4909 | Fiesta 5 Feeder Relay Upgrade |
| 4910 | Switchgear Breaker Upgrades |
| 4911 | Techridge Animal Deterrent Sys |
| 4912 | 15KV Switchgear Breaker Upgrade |
| 4913 | SandHill Animal Deterrent Sys |
| 4914 | Onion Creek Animal Deterrent |
| 4915 | Animal Deterrent Install Prgm |

| Unit_CD | ORGN_NAME |
|---|---|
| 4917 | Koenig Ln Substation Rebld-D |
| 4918 | Zilker Substation Demol-D |
| 4919 | CM10-11-12 Unit Addition-D |
| 4920 | PL 789 Transformer Replacement and Upgrade |
| 4927 | Seaholm Substation Remediation-Dist substation |
| 4929 | Commons Ford Yard Improvements |
| 4930 | Dunlap Substation |
| 4932 | Wheless Lane Substation Yard Improvements |
| 4933 | Dunlap Substation |
| 4934 | Kingsbery Wall Installation |
| 4938 | Warren Substation Yard Improvements |
| 4939 | Daffin Gin 123 Upgrade |
| 4940 | Cameron Substation Yard Improvements |
| 4941 | Bullick Hollow Substation |
| 4942 | River Place 789 Unit Addition |
| 4943 | Elroy Substation |
| 4944 | Salem Walk Control House Upgrade |
| 4945 | Daffin Control House Upgrade |
| 4946 | Warren Circuit Switchers |
| 4947 | DE 2526 Unit Addition |
| 4949 | Rinard Creek Property Purchase Dsub |
| 4950 | Grove 123 Transformer Upgrade |
| 4951 | Arc Flash Mitigation Relay Upgrades |
| 4952 | MC 123 Upgrade Dsub |
| 4953 | WL 456 Unit Upgrade |
| 4954 | BU Substation Relocations - D |
| 4955 | Brackenridge Substation Gate Upgrade - D |
| 4956 | Fiskville Wall - D |
| 4958 | Fiskville Yard Improvements - D |
| 4959 | Walnut Creek Yard Improvements - D |
| 4960 | Salem Walk 123 Upgrade - D |
| 4962 | Trading Post 789 Addition DSUB |
| 4963 | NORTHLAND UNIT 123 UPGRADE DSUB |
| 4964 | Hamilton Substation 123 Upgrade DSUB |
| 4965 | Ion Metering System (redundant PQMS) DSUB |
| 4966 | SALEM WALK SUB 456 UNIT UPGRADE DSUB |
| 4967 | AD 456 Switchgear and Circuit Switcher Upgrade - DSUB |
| 4968 | HV 123 Switchgear Upgrade - DSUB |
| 4969 | Northwest Unit 456 - DSUB |
| 4970 | Met Center Unit 123 Addition - DSUB |
| 4971 | Dunlap 123 Unit Addition - DSUB |
| 4972 | Sprinkle 123 Unit Replacement-DSUB |
| 4973 | Lytton Springs AT2 Relay Upgr & Tertiary Swtgr Repl-DSUB |
| 4974 | Kingsbery 123 Unit Replacement |
| 5080 | Fy2001 Customer Service Parent |
| 5081 | Automated Meter Rdg |

| Unit_CD | ORGN_NAME |
|---|---|
| 5083 | Cust. Care It Mgmt Application |
| 5084 | Contact Center Replacement |
| 5085 | Rwip - Meter Removal For Amr |
| 5086 | ECIS Replacement |
| 5087 | AMI Expansion |
| 5088 | Ae Call Center Comm System |
| 5089 | C&I Key Accounts Portal Release 1 |
| 5090 | 311 Service Demand Data Analysis and System Upgrd |
| 5091 | Meter Inventory |
| 5092 | Remittance Processing Transport Upgrade |
| 5093 | AMR Meters - Residential |
| 5094 | AMR Meters - Commercial |
| 5095 | CC&B Payment & Notification Options Program |
| 5101 | Fy2001 Support Services Parent |
| 5102 | Cwic 311 Telephony System |
| 5103 | Austin 311 Citizen Model Platform |
| 5104 | Avaya Upgrade Project |
| 5105 | Unisys Remittance Processing Technology Implementation |
| 5190 | Capital Addns-Finance Fy2003 |
| 5192 | Capital Addns-Cust Svcs Fy2003 |
| 5195 | Capital Addns-Emo,Csv,Mkt,2003 |
| 5197 | Capital Addns-Power Prod Fy03 |
| 5199 | Capital Addns- Itt Fy 2004 |
| 5200 | Cap Addns-Cust Svcs&Mtr Fy04 |
| 5201 | Capital Addns-Distrb. Fy 2004 |
| 5203 | Cap Addns-Trans Fy04 |
| 5204 | Cap Addns - Power Prod Fy2004 |
| 5206 | Capital Addns - Bus Svcs  Fy05 |
| 5207 | Cap Addns - Itt  Fy2005 |
| 5208 | Cap Addns-Cust Svcs &Mtr Fy05 |
| 5209 | Capital Addns-Distrib Fy 2005 |
| 5210 | Cap Addns-Greep & Emc Fy05 |
| 5211 | Capital Addns - Finance Fy05 |
| 5212 | Capital Addns - Trans  Fy2005 |
| 5213 | Cap Addns - Power Prod Fy2005 |
| 5214 | Capital Addns-Corp Admin-Fy06 |
| 5215 | Cap Addns - Itt - Fy06 |
| 5216 | Capital Addns - Csb&M-Fy06 |
| 5217 | Cap Addns - Dist - Fy06 |
| 5218 | Capital Addns - Dsm - Fy06 |
| 5219 | Cap Addns - Finance- Fy06 |
| 5220 | Capital Addns-W&R Markets-Fy06 |
| 5221 | Cap Addns - Transmission- Fy06 |
| 5222 | Capital Addns-Pwr Prod-Fy06 |
| 5223 | Capital Addns-Corp Admin FY07 |
| 5224 | Capital Addns-ITT- FY07 |

| Unit_CD | ORGN_NAME |
|---|---|
| 5225 | Capital Addns-CSB&M- FY07 |
| 5226 | Capital Addns-DIST-FY07 |
| 5227 | Capital Addns-DSM-FY07 |
| 5228 | Capital Addns-Finance-FY07 |
| 5229 | Capital Addns-W&R Mkts-FY07 |
| 5230 | Capital Addns-Transmsn-FY07 |
| 5231 | Capital Addns-PwrProd-FY07 |
| 5232 | Capital Outlay-CorpAdmin |
| 5233 | Capital Outlay-ITT |
| 5234 | Capital Outlay-Cust Svcs |
| 5235 | Capital Outlay-DIST |
| 5236 | Capital Outlay - NEPA |
| 5237 | Capital Outlay - Finance |
| 5238 | Capital Outlay-TRAN |
| 5239 | Capital Outlay-PWP |
| 5240 | Capital Outlay-SS/Corp Admin FY09 |
| 5241 | Capital Outlay -ITT FY09 |
| 5242 | Capital Outlay-CSBM FY09 |
| 5243 | Capital Outlay- Dist FY09 |
| 5244 | Capital Outlay -NEPA FY09 |
| 5245 | Capital Outlay-FINANCE FY09 |
| 5246 | Capital Outlay- TRANS FY09 |
| 5247 | Capital Outlay -PWP FY09 |
| 5248 | Capital Outlay DEPMGR FY09 |
| 5249 | Capital Outlay-PWP IN BU FY09 |
| 5250 | FY10 AE General Additions CSBM |
| 5251 | FY10 AE General Additions Power Production |
| 5252 | FY10 AE General Additions Corp Admin |
| 5253 | FY10 AE General Additions Finance |
| 5254 | FY10 AE General Additions ITT |
| 5255 | FY10 AE General Additions  Distribution |
| 5256 | FY10 AE General Additions Transmission |
| 5257 | FY10 AE General Additions NEPA |
| 5259 | Capital Outlay CSBM FY10 |
| 5260 | Capital Outlay Power Production FY10 |
| 5261 | Capital Outlay Support Services FY10 |
| 5262 | Capital Outlay Distribution FY10 |
| 5263 | Capital Outlay Transmission FY10 |
| 5264 | Capital Outlay NEPA FY10 |
| 5266 | FY11 AE General Additions CSBM |
| 5267 | FY11 AE General Additions Power Produciton |
| 5268 | FY11 AE General Additions Support Services Non-IT |
| 5269 | FY11 AE General Additions Support Services IT |
| 5270 | FY11 AE General Additions Distribution |
| 5271 | FY11 AE General Additions Transmission |
| 5272 | FY11 AE General Additions NEPA |

| Unit_CD | ORGN_NAME |
|---|---|
| 5273 | FY11 AE General Additions Alternate Energy |
| 5274 | Capital Outlay CSBM FY11 |
| 5275 | Capital Outlay Alt Energy FY11 |
| 5276 | Capital Outlay Support Services FY11 |
| 5277 | Capital Outlay Distribution FY11 |
| 5278 | Capital Outlay Transmission FY11 |
| 5279 | Capital Outlay NEPA FY11 |
| 5280 | FY12 AE General Additions CSBM |
| 5281 | FY12 AE General Additions Power Prodcution |
| 5282 | FY12 AE General Additions Support Services Non-IT |
| 5283 | FY12 AE General Additions Support Services IT |
| 5284 | FY12 AE General Additions Distribution |
| 5285 | FY12 AE General Additions Transmission |
| 5286 | FY12 AE General Additions NEPA |
| 5287 | Capital Outlay Power Production FY12 |
| 5288 | Capital Outlay Support Services FY12 |
| 5289 | Capital Outlay Distribution FY12 |
| 5290 | Capital Outlay Transmission FY12 |
| 5291 | FY13 AE General Additions Support Services IT |
| 5292 | FY13 AE General Additions NEPA |
| 5293 | FY13 AE General Additions Power Production |
| 5294 | FY13 AE General Additions Transmission |
| 5295 | FY13 AE General Additions Distribution |
| 5296 | FY13 AE General Additions Support Services Non-IT |
| 5297 | Capital Outlay Support Services FY13 |
| 5298 | Capital Outlay NEPA FY13 |
| 5299 | Capital Outlay Power Production FY13 |
| 5301 | Electric Communications Addtn |
| 5303 | Security Impv-St Elmo Center |
| 5304 | Security Impv-Sand Hill Energy |
| 5305 | Eud Communication Upgrade |
| 5306 | Security Impv-Kramer Lane |
| 5307 | Security Impv-Backup Contrl Ct |
| 5308 | Security Imps - Ecc |
| 5309 | Security Impv - Tlc Isms Exp |
| 5310 | Good Neighbor Action Plan Ii |
| 5313 | Security Imp-Fence Restoration |
| 5314 | Control System Whitelisting Cyber Security Software |
| 5315 | Ecc Improvements |
| 5316 | Security Impv - Itt |
| 5317 | Capital Outlay Transmission FY13 |
| 5318 | Capital Outlay Distribution FY13 |
| 5319 | Capital Outlay C SBM FY13 |
| 5320 | Bucc Equipment |
| 5321 | Ecc - 3Rd Floor Hvac System |
| 5322 | New Reclamation Bldg for Austin Energy |

| Unit_CD | ORGN_NAME |
|---|---|
| 5323 | Harden BUCC |
| 5324 | SCC Video Wall Interface |
| 5325 | New Energy Control Center |
| 5326 | TLC Generator Replacement |
| 5327 | New Energy Control Center |
| 5328 | New Energy Control Center-Art Project |
| 5329 | New Reclamation Bldg for AE Yager Location |
| 5330 | Corporate Telephone Imps. |
| 5331 | Data Center Power Improvement |
| 5332 | Corporate Datawarehouse Imps |
| 5333 | Enterprise Server Data Storage |
| 5334 | Key Accounts Portal(C&I Usage) |
| 5335 | Implement Enterprise Architect |
| 5336 | Backup Data Ctr Ntwk Imps @ Cr |
| 5337 | Data Center Improvements |
| 5338 | Enterprise Quality & Content Mgmt Prog |
| 5339 | SCADA/EMS Upgrade for TDSP Nodal |
| 5340 | New ECC SCADA Systems Infrastructure |
| 5341 | Justin Lane Reclamation Building Ventilation Improvement |
| 5342 | New ECC Network Systems IT Infrastructure |
| 5411 | Nodal Generation Management System |
| 5412 | Nodal Planning and Analysis Model |
| 5413 | Nodal System Hardware |
| 5414 | Decker Water Line |
| 5415 | Weir Project (Kramer/St Elmo/Dekcer SPCC Improvements) |
| 5416 | East Riverside Drive Phase 1 Office Building and Parking Gar |
| 5417 | Enterprise Monitoring, Scheduling and Analytics |
| 5418 | Enterprise Networking Implementation |
| 5419 | Cybersecurity Program |
| 5420 | Mobile Application Data Center Technology Implementation |
| 5421 | Data Storage Technologies Implementation |
| 5423 | Nodal Hardware Replacement |
| 5701 | Kramer Lane Service Center Add |
| 5705 | Security Access-All Facilities |
| 5708 | Ems/Scada Upgrade |
| 5709 | St. Elmo Svc. Cntr Improvement |
| 5710 | Town Lake Center Imprv. |
| 5712 | Decker Bucc Bldg |
| 5713 | Upgrade Maint Management Syst. |
| 5724 | Wms And Gis |
| 5727 | New Inventory Management Syste |
| 5728 | Content Management System |
| 5730 | Finance Interface Applications |
| 5731 | Contract Management System |
| 5732 | Re-Roof Kramer Ln Bldg E |
| 5733 | Tlc-New Hvac Digital Contr Sys |

| Unit_CD | ORGN_NAME |
|---|---|
| 5734 | St Elmo Secondary Containment |
| 5735 | Reclamation Office Bldg 2405 Yager Ln |
| 5736 | AE Generation Maximo |
| 5737 | Maximo/PowerPlant Software |
| 5738 | TLC Roof Replacement |
| 5739 | TLC 5th Floor Office Renovation |
| 5740 | TLC Fire Alarm Upgrade |
| 5741 | St. Elmo Re-Roof |
| 5742 | SS - Facilities Decker PP Admin Renovation |
| 5743 | SS - Facilities Kramer E Meter shop Renovation |
| 5744 | UG Dist Design Software |
| 5745 | ADMS/OMS Upgrade Project |
| 5746 | ESD Program Design and Implementation Services |
| 5747 | Tree Trimming Application |
| 5748 | Meter Data Management System (MDMS) Phase 1 |
| 5749 | Mobile Workforce Management _ DIST |
| 5750 | ITT POWER SAVER SYSTEM |
| 5751 | AE DATA WAREHOUSE & BUSINESS INTELLIGENCE |
| 5752 | SS - Facilities Kramer E HVAC Replacement |
| 5753 | OPENLINK SOFTWARE UPGRADE RISK MANAGMENT |
| 5754 | POWER PLANT UPGRADE AND BUDGET MODULE IMPLEMENTATION |
| 5755 | Longhorn Dam Upgrades |
| 5756 | T&S Management Upgrades |
| 5757 | Systems Ops Data Warehouse PI Enterprise |
| 5758 | TLC Elevator Upgrades/Modification |
| 5759 | Radio Replacement Project |
| 5760 | ArcGIS 10 2 Upgrade |
| 5761 | Transmission Outage Scheduling Tool |
| 5762 | St. Elmo Warehouse Mezzanine and Dock Enclosure |
| 5763 | Maximo Fixpack and Minor Upgrade |
| 5764 | New Truck Wash at St. Elmo |
| 5765 | Corporate Audio Recording System Replacement Project |
| 5766 | SCC Video Wall Controller and Wall Upgrade |
| 5801 | Financial Risk Management Syst |
| 5802 | ROCIP |
| 5854 | Land Purchase - Seaholm |
| 5904 | Cont Emission Monitorng-Decker |
| 5905 | Cont Emission Monitioring-Holl |
| 5907 | Fire Protection/Safety-Decker |
| 5908 | Seaholm Decommissioning |
| 6000 | FY14 AE Capital Outlay Customer Care |
| 6001 | FY14 AE Capital Outlay Distribution |
| 6002 | FY14 AE General Additions Distribution |
| 6003 | FY14 AE Capital Outlay OSER NEPA |
| 6004 | FY14 AE General Additions OSER NEPA |
| 6005 | FY14 AE Capital Outlay Power Production |

| Unit_CD | ORGN_NAME |
|---|---|
| 6006 | FY14 AE General Additions Power Production |
| 6007 | FY14 AE Capital Outlay Support Services |
| 6008 | FY14 AE General Additions Support Services IT |
| 6009 | FY14 AE Capital Outlay Transmission |
| 6010 | FY14 AE General Additions Transmission |
| 6012 | FY15 AE Capital Outlay Distribution |
| 6013 | FY15 AE General Additions Distribution |
| 6015 | FY15 AE General Additions OSER NEPA |
| 6016 | FY15 AE Capital Outlay Power Production |
| 6018 | FY15 AE Capital Outlay Support Services |
| 6019 | FY15 AE General Additions Support Services IT |
| 6020 | FY15 AE Capital Outlay Transmission |
| 6021 | FY15 AE General Additions Transmission |
| 6023 | FY16 AE OSER Capital Outlay Vehicles |
| 6026 | FY16 AE PwP Capital Outlay General Additions |
| 6031 | FY16 AE CSBM Capital Outlay Vehicles |
| 6032 | FY16 AE Support Services Finance Capital Outlay Vehicles |
| 6999 | Longhorn Dam Rehabilitation |
| 7101 | Fy2001 Power Production Parent |
| 7118 | SHEC Land Acquisition for Add Buffer |
| 7119 | Upgrade SHEC Units 1-4 Cooling Tower Basins |
| 7120 | Fire Protection/Safty-Sandhill |
| 7121 | Cems - Sandhill |
| 7122 | Scr Control/Pems-Sandhill |
| 7123 | Shec-Personnel& Material Hoist |
| 7124 | Shec Advanced Flow & Speed Upg |
| 7125 | Shec Unit 5C Condenser Mods |
| 7126 | Shec Maintenance Support Build |
| 7127 | SHEC NOx Catalyst in 4 LM6000 Repl |
| 7128 | SHEC CC CT PCR Batteries |
| 7129 | SHEC Emergency Backup Power |
| 7130 | SHEC 100MW Expansion |
| 7131 | SHEC Gas Yard Control |
| 7132 | SHEC Extend LM6000 Slabs |
| 7133 | LM6000 Oil Water Separator |
| 7134 | SHEC-InstallLM6000 Fan Access Platform |
| 7135 | SHEC-Empl. Emerg. Alert System |
| 7136 | SHEC-Load Center Installation |
| 7137 | SHEC Chillers 103 Improvements |
| 7138 | Sand Hill Energy Center Access Platforms |
| 7139 | Upgrade SHEC Unit 5C EHC Oil Filtration System |
| 7140 | SHEC DCS Revision 8 |
| 7141 | SHEC Unit 5 Mark VI HMI Upgrade for CyberSecurity |
| 7142 | SHEC Plant Emergency Alert System Upgrade |
| 7198 | DECKER POWER PLANT MINOR IMPROVEMENTS |
| 7199 | SAND HILL ENERGY CENTER MINOR IMPROVEMENTS |

| Unit_CD | ORGN_NAME |
|---|---|
| 7301 | Dckr Foundation @ Rvr Pump Sta |
| 7302 | Decker1 Vacuum Pump Upgrade |
| 7303 | Dkr On-Site Proton Engy Gen Un |
| 7304 | Dkr Upgrade Paved Roads |
| 7305 | Dkr Replace Bleed Valves On Gt |
| 7306 | Decker 1 Air Heater Basket Rep |
| 7307 | Install Level Ind On Fuel Tank |
| 7308 | Dkr-Upgrade Eh Pumps & Motors |
| 7309 | Dkr-Upgrade Water Injection Sy |
| 7310 | Dkr1 Install Aib 9602 Hydrogen |
| 7311 | Drk2 Install After Coolers For |
| 7312 | Plant Data Historian |
| 7313 | Dkr 480V Breakers Upgrade |
| 7314 | Dkr Crane Conductor Bars |
| 7315 | Upgrade Decker #1 Throttle Val |
| 7316 | Upgrade Decker Gas Tur Vol Reg |
| 7317 | DKR Gas Turbine Starting Air Compressor |
| 7318 | DKR Admin Building HVAC |
| 7319 | DKR 1&2 Boiler Burner Sprinkle Heads |
| 7320 | DKR 2 APH Cold End Baskets |
| 7321 | DKR 1 Seq of Events Monitor |
| 7322 | DKR GT Remote Racking |
| 7323 | DKR River Pump Station Mntg Sys |
| 7324 | DKR Secondary Containment |
| 7325 | DKR Gas Turbine CEMS Install |
| 7326 | DKR GT Control Room Fire |
| 7327 | DKR Engineering Offices |
| 7328 | DKR GT Control System Upgrade |
| 7329 | DKR Demineralizers Upgrade |
| 7330 | Decker River Pump Station Upgrade |
| 7331 | Decker Dcs Revision 8 Upgrade |
| 7332 | Decker Demin Upgrade Phase II |
| 7333 | Decker Power Plant Reroofing |
| 7334 | Decker DeltaV Upgrade |
| 7335 | Decker 1 Power Plant Cooling H2O Pump |
| 7336 | Decker 1 Hydrogen Coolers Re-tube |
| 7337 | Decker Drain Seperation Unit 1 & 2 |
| 7338 | SAND HILL ENERGY CENTER SPILL PREVENTION, CONTROL COUNTERMEA |
| 7339 | SHEC Clarified Water to Simple Cycle Units |
| 7340 | SHEC LM6000 Generator Breaker Upgrade |
| 7341 | SHEC Unit 5A DLN Autotuning |
| 7342 | SHEC UNIT 5A HEAT RECOVERY STEAM GEN STACK DAMPER |
| 7343 | DECKER REPLACEMENT FIRE ALARM |
| 7344 | Upgrade SHEC Units 1-4 Cooling Tower Basins |
| 7346 | SHEC Replace Unit 5 Catalyst |
| 7347 | SHEC Upgrade Unit 5 Condensate Pumps and Motors |

| Unit_CD | ORGN_NAME |
|---|---|
| 7349 | SHEC Cathodic Protection Upgrade |
| 7350 | SHEC Unit 5A Module Replacement |
| 7351 | SHEC Warehouse 2 and Maintenance Shop Fire Protection |
| 7352 | Environmental Lab Relocation |
| 7354 | SHEC Units 5A and 5C Exciter Brush Holder Upgrade |
| 7355 | SHEC Units 6&7 Dilution Heater Upgrade |
| 7356 | SHEC 1-4 Ammonia Heater Skid Upgrade |
| 7357 | Decker GT Fire Protection System Upgrades |
| 7358 | SHEC Units 6&7 HMI Upgrade |
| 7359 | SHEC River Intake Bank Improvement |
| 7360 | SHEC Spare LM6000 Engine |
| 7361 | SHEC 1-4 Chiller Controls Upgrade |
| 7362 | SHEC Unit 5 Circulating Water Pumps Upgrade |
| 7363 | SHEC D11 Steam Turbine Heating Blankets |
| 7364 | SHEC Unit 5 Cooling Tower Fan Gearbox Replacement |
| 7365 | SHEC Fence Grounding |
| 7366 | SHEC Unit 5 Blow Down |
| 7367 | Decker Igniter Upgrade |
| 7500 | Holly Decommissioning RWIP |
| 7601 | PV & SWH-Animal Shelter at 7201 Levander Loop |
| 7602 | PV-Health and Human Services Bldg H |
| 7603 | PV-Ruiz Branch Library |
| 7604 | PV-EMS #33 |
| 7605 | PV-Fleet |
| 7606 | PV-Hampton And Spicewood Libraries |
| 7607 | PV - Municipal Courts |
| 7608 | PV - NW Recreation Center |
| 7609 | PV-SCC Main |
| 7610 | Wind Turbine - PARD Decker Lake Road |
| 7611 | PV - South Austin Recreation Center |
| 7612 | PV - St. Elmo Service Center |
| 7613 | Solar Hot Water-Barton Springs Bath House |
| 7614 | Toyah Land |
| 7615 | PV - 300kW at Decker |
| 7616 | Grant - ARRA Weatherization Assistance Program |
| 7617 | ETT - Coulomb - COA Sites |
| 7618 | ETT - Coulomb - Public and Private Sites |
| 7619 | Small Photovoltaic Blanket |
| 7620 | PV - Carver Museum & Cultural Center |
| 7621 | PV - ABIA - GTSA |
| 7622 | PV - Morris Williams Golf Course |
| 7623 | PV - Austin Convention Center FY2012 |
| 7624 | PV - Palmer Events Center FY2012 |
| 7625 | PV - Rutherford Center Building 4 |
| 7626 | PV - SWS Gardner Service Center |
| 7627 | PV - WWW at Webberville |

| Unit_CD | ORGN_NAME |
|---|---|
| 7628 | PV - APD North Substation |
| 7629 | COA Facilities - Heat Pump Water Heaters |
| 7630 | COA Facilities - HVAC & Chiller Replacements |
| 7631 | PV - Gustavo "Gus" L. Garcia Recreation Center |
| 7632 | PV - Asian American Resource Center |
| 7634 | Elec Vehicles-DC and L2 Charging Stations Deployment |
| 8000 | Combined Cycle Plant |
| 8002 | Peaking Capacity Additions |
| 8004 | Dg/Cogen - 812 Landfill |
| 8005 | Dg/Cogen - Domain Bchp L |
| 8007 | Shec Site Improvements |
| 8008 | Shecnatgas Header & Control Sy |
| 8009 | MEC Electric Reliability Improvements - PwP |
| 8010 | MEC Transformer Upgrade |
| A012 | PV - Central Library |
| A020 | FY16 Capital Outlay Gen-Alternate Energy |
| A021 | FY16 Capital Outlay Veh-Alternate Energy |
| A038 | LMS Transmitter Upgrades |
| B007 | FY16 Capital Outlay-Customer Care Vehicles |
| B014 | CC&B System Major Upgrade |
| C025 | Focus AL Meter Replacement |
| C026 | Take Out Point (TOP) Addition for D |
| C032 | [redacted] |
| C047 | FY16 Capital Outlay - Dist-Vehicles |
| C048 | FY16 Capital Outlay DIST Gen Addn |
| C052 | 155421 - Old San Antonio Rd Recon |
| C054 | Commercial Meter Replacement (GE & Elster) |
| C095 | Kingsbury:KB-01 Reconductor #108479 |
| C101 | [redacted] |
| C102 | |
| C103 | |
| C140 | |
| D020 | Kingsbery 456 Upgrade - DSUB |
| D032 | Met Center Station Improvement |
| D051 | Ed Bluestein Dist Feeder Relay Upgr |
| D053 | Hamilton Yard Improvements |
| D057 | Take Out Point (TOP) Addition for D |
| F022 | FY16 Capital Outlay-OSER-Gen Addt |
| F041 | Domain-Legacy Processor and IO Upgr |
| F043 | MEC 15kV Advac Breaker Replacement |
| F044 | MEC DC Control |
| F045 | 3rd Street Improvements Ph IV |
| F049 | Whole Foods Hot Tap&Bypass Removal |
| F054 | Domain IBM Piping Replacement |
| F055 | MEC Pipe Relocation |
| G008 | SHEC -- 7FA Compressor Monitoring System |

| Unit_CD | ORGN_NAME |
|---|---|
| G073 | SHEC 7FA Spare Capital Parts |
| G084 | MEC-Added Intermediate Cooling Ckt |
| H015 | FY16 Capital Outlay Gen Add-Support Services IT |
| H016 | Generation Management System Replacement |
| H019 | SCC Shell Build Out - IT SOC Constr |
| H020 | SCC Shell Build Out - RP Relocation |
| H024 | FY16 Capital Outlay-Support Services-Vehicles |
| K061 | Kingsbery 456 Upgrade - TSUB |
| K065 | Walnut Creek 912 Breaker Replacement |
| K084 | FY16 Capital Outlay TRAN Vehicles |
| K085 | FY16 Capital Outlay TRAN Gen Addn |
| K097 | Trading Post 2-138 kV Circuit Break |
| K101 | NERC Stationary Battery Program |
| K105 | Hi-Cross Circuit Bus & Breaker (949, 950, 951) Replacement |
| K114 | Fiesta Controls Upgrade |
| K140 | CKT 975 Relocation Phase 2 (Yager to Howard) |
| P002 | Energy Efficient Street Lighting |
| P003 | Air Conditioning for Domain District Chilled Water Plant Bld |
| P004 | Domain Plant Steam Valve Replacement |
| P005 | Domain Plant Chiller 5 Starter Replacement |
| P006 | Domain Micro Grid |
| P007 | Domain Plant Air Compressor 1 Starter Repl |
| P008 | Hicross HC-11 Reconductor |
| P010 | Domain BCHP Optimization |
| P011 | Upgrade Decker Plant Lights |
| P012 | Witness Systems Redundancy |
| P013 | Emerging Transportation Technologies |
| P014 | Elroy Substation Microwave System |
| P015 | Upgrade D2 APH Seals |
| P016 | New Kramer Lane Office Bldg |
| P018 | Domain Site Redevelopment - Plant Aesthetics |
| P019 | Eps Meter Upgrades - DSUB |
| P020 | Dkr GT Control Rm & Hydrogen Gen Rm Fire Prot |
| P021 | Install LM6000 Fan Access Platforms |
| P022 | Holly Lab Bldg. Additions |
| P023 | Solar PV - City Facilities |
| P024 | Power Factor Metering |
| P025 | Burleson Units 10-12 - T |
| P026 | Burleson Units 10-12 Dsub |
| P027 | PV - Cheatham Building |
| P028 | PV - LRC |
| P029 | GIS and Distribution Design |
| P030 | Austin 311 Crm Gap Analysis, Review And Rfp For Update/Replacement |
| P031 | Carson Crk Termination |
| P032 | Mobile Workforce Expansion Program |
| P033 | PV - Street and Bridge Building |

| Unit_CD | ORGN_NAME |
|---|---|
| P034 | Salem Walk SW-7 Reconductor |
| P036 | Harris Unit Sub Addition - T |
| P037 | Harris Unit Sub Addition - DSUB |
| P038 | Upgrade SHEC Unit 1-4 Bently Nevada VibrMonit |
| P039 | Hidden Valley Termination Addition |
| P040 | PV - A B Cantu Recreation Center |
| P041 | Domain - New Air Compressor |
| P042 | Holly Cap Bank Relya Protection Upgrade |
| P043 | Pedernales Feeder Reroute and Reconductor (PE |
| P044 | Domain - Plant Instrumentation |
| P045 | PV - Animal Shelter |
| P046 | Lakeway Termination |
| P047 | Lakeway Termination Additions |
| P048 | FPP Selective Catalytic Reduction Unit 1 |
| P049 | SHEC Unit 1-4 Cooling Tower Piping Upgrade |
| P052 | ETT - Non-road and Ancillary Services Program |
| P054 | NEPA Capital Outlay FY2015 - Vehicles and Equipment |
| P055 | Patton Lane Termination Addition |
| P056 | Sand Hill Termination |
| P057 | PV - Large Rooftop Lease |
| P058 | Domain - replace power and cables for Domain |
| P059 | Techridge Units 10-12 - T |
| P060 | Techridge Units 10-12 - DSUB |
| P061 | Techridge Term (DP to TR) |
| P062 | CT Replacement for EPS Metering |
| P064 | Switchgear Replacement Program |
| P065 | Minor Distribution Substation Projects |
| P066 | PV - SCC |
| P068 | Relay RTU Alarm Data Management |
| P069 | Upgrade CKT from McNeil to Summit |
| P070 | Eps Meter Replacement |
| P072 | HOBBY CW PLANT - CHILLER ACTIV (3060117-0203) |
| P073 | Holly To Brackenridge To Harris To Holly Conv |
| P074 | Bergstrom to CC New 138kV line parellel to Ck |
| P075 | New Bergstrom to Sandhill 138kV line 2000A on |
| P076 | Patton Ln to Trading Post 138kV Trans Ckt |
| P077 | Hidden Valley to Lakeway 138kV Trans Ckt |
| P078 | Lakeway to Trading Post 138kV Trans Ckt |
| P079 | High Efficiency Equipment |
| P080 | Ckt 918 Brodie Ln to Oak Hill Reconductor |
| P081 | Kingsbery to Pedernales 138kV Trans Ckt |
| P085 | McNeil to Howard Ln Reconductor |
| P086 | Ckt 978 Seaholm to Warren Reconductor |
| P087 | Domain - purchase and install valves at Build |
| P088 | Longhorn Cam - Investigate and replace wiring |
| P089 | LONGHORN DAM CONTROL SYSTEM |

| Unit_CD | ORGN_NAME |
|---|---|
| P090 | Parmer Substation - T |
| P091 | Parmer Substation - D |
| P092 | Domain - TES purchase and install 2nd loop pu |
| P093 | PV - Community Solar Substation |
| P094 | Transmission Reliablity Upgrades |
| P095 | PV - Watershed Protection Hargrave |
| P096 | Relay RTU Alarm Data Management |
| P097 | Circuit Switcher Replacement Program |
| P098 | CF-4 HV-3 FEEDER TIE PH 2 OF 4 COMMONS FORD |
| P099 | Commons Ford Control House Upgrade |
| P100 | NEW ECC-SCADA Hardware |
| P101 | Backup Power for SHEC Unit 5 EMCC |
| P102 | Daffin Gin Unit 123 Upgrade |
| P103 | Austin Community Colege Chilled Water Plant |
| P104 | Lighting For Neighborhood Projects |
| P105 | DCP - 1 Cooling Tower Improvements |
| P106 | RESOURCE PLANNING TOOL |
| P107 | Walk-in Payment Center - South Location |
| P108 | COA Facilities - Demand Response Lighting |
| P109 | Upgrade Acid Piping in The DEMIN. BLDG. |
| P110 | Upgrade Acid Piping in The RO BLDG. |
| P111 | Csbm Capital Outlay Fy2015 -Vehicles And Equipment |
| P113 | AE New Payment Center Security |
| P114 | Riverview Pump Station Security |
| P115 | New control System at Lindell Gas Yard |
| P117 | McNeil to Kingsbery Reconductor |
| P118 | Lindell Gas Pump Station |
| P119 | Trading Post Capacitor Bank |
| P120 | PV - TLC |
| P121 | PV - WTP4 |
| P122 | D1 SUPERHEATER REPLACEMENT |
| P123 | D2 Main Transformer Replacement |
| P124 | Lakeway Capacitor Bank |
| P126 | PV - Service Center #6 |
| P127 | PV - Brownfields (Landfills) |
| P128 | Upgrade D2 Gas Igniters |
| P130 | Williamson 131415 Unit Addition - DSUB |
| P131 | Decker 2 NEW FD FAN INLET SILENCERS |
| P132 | PV - Webberville Service Center |
| P133 | ETT Chrysler |
| P134 | Combined Heat and Power Projects-Power Genera |
| P135 | McAngus Reconductor & Feeder Tie (F1 Backup) |
| P136 | McNeil Transmission Line Termination to Summi |
| P137 | Summit Transmission Line Termination to McNei |
| P139 | PL-10 600 Amp Switch Gear Change Out |
| P140 | SHEC Unit 5 CEMS Opacity Monitor |

| Unit_CD | ORGN_NAME |
|---|---|
| P142 | East Substation |
| P143 | East Substation |
| P144 | East Substation Transmission Cut-In |
| P145 | Williamson 131415 Unit Addition - TSUB |
| P147 | Met Center 456 - TSUB |
| P148 | Met Center 456 - DSUB |
| P149 | Met Center 789 |
| P150 | Met Center 789 |
| P151 | Decker Plant MCC14 MCC15 Replacement |
| P152 | Decker Power Plant Fuel Oil Tank Decommission |
| P153 | D1 Main Transformer Replacement |
| P154 | Motorola CSR Mobile Application Module |
| P155 | Northland 789 Upgrade - DSUB |
| P156 | Trading Post Termination Additions |
| P158 | Rainey St. Substation - Distribution |
| P159 | Steck Cb Addition - Dsub |
| P160 | D1 Plant Life Extension Projects |
| P161 | DKR Erosion Control System Upgrade for Decker |
| P162 | Phase 1, FM 969 Reconductor |
| P163 | Minor Transmission Projects |
| P164 | Northland 789 Upgrade - TSUB |
| P166 | Rainey Street Substation - Transmission |
| P167 | Rainey St. Substation Transmission Cut-In |
| P168 | Bergstrom Termination |
| P169 | Bergstrom Termination |
| P170 | Pedernales 138kV UG Trans Line Term to Kingsb |
| P171 | NEW HARRIS BRANCH 345KV |
| P173 | SHEC 1-4 Chiller Building |
| P175 | Transmission & Distribution Scheduling Tool |
| P176 | DCS Patch Management System |
| P177 | EMCC Upgrades for Black Start Capabilities |
| P178 | Nodal Market Network Systems -IT Infrastructu |
| P179 | Domain Plant - Upgrade Chiller #6 |
| P180 | Matagorda Land IGCC |
| P181 | Green Oil Generation for the DKR Crk Station |
| P182 | ETT - General Motors |
| P183 | Phase 2, FM 969 Reconductor |
| P184 | Decker Plant Hydrogen Dryer Replacement |
| P185 | SHEC Lube Oil Filtration System - Unit 5A |
| P186 | SHEC - Redesign Sewer Lift Station and Replac |
| P187 | PV - Solar Leasing for Non-Profits |
| P188 | Solar PV-A/C Photovoltaic Module Trial |
| P189 | Hunter's Bend Road Reconductor |
| P190 | Sprinkle Sub Circuit SK-05 Extension |
| P191 | Old San Antonio Rd Reconductor |
| P192 | PV - Community Solar |

| Unit_CD | ORGN_NAME |
|---|---|
| P193 | Solar PV - PARD |
| P194 | Howard Ln Termination (HL to GI) |
| P195 | Techridge Termination (TR to GI) |
| P196 | Watt and Var Transducers |
| P197 | COA Facilities - Thermal Energy Storage |
| P198 | Decker Plant to Dessau Rebuild |
| P199 | AMD Lantana-Patton Lane |
| P200 | AMD Lantana - Oak Hill Feeder |
| P201 | PV - Building Services Administration |
| P202 | HiCross HC-01 Reconductor |
| P203 | Decker River Pump Station Upgrades-Mechanical Improvement |
| P204 | Mueller Feeders MU-5 |
| P205 | CTMS Implementation |
| P206 | Walnut Creek Feeder Extension and Tie |
| P209 | Green Building Demo |
| P210 | WTP4 RWPS Service |
| P211 | Gen Engineer Doc. Control Systems |
| P212 | Improve D2 Turbine Efficiency |
| P213 | TLC elevator Controller Replacement |
| P214 | TLC Breakroom Renovation 1st Floor |
| P215 | Decker 2 Oil System Upgrade |
| P216 | Reconduct Open Wire Secondary to Triplex Pilo |
| P218 | Bentley ProjectWise Software Implementation |
| P219 | Satellite Chiller Plant_ |
| P220 | DCP-1 Emergency Generator |
| P222 | Upgrade Communication Vault @ Guadalupe |
| P223 | Mezzanine Finish Out at DCP-2 |
| P224 | Cooling Tower Blowdown RO System_ |
| P226 | Automated Demand Response Equipment |
| P227 | Live Oak Substation |
| P228 | Domain Plant Performance Improvement |
| P231 | Decker To McNeil Reconductor |
| P232 | DKR1 Upgrade Main Steam Stop Valve |
| P233 | SHEC Unit 5 Station Service |
| P235 | DCP2 Plant Performance Improvement |
| P236 | Nodal Systems Integration |
| P237 | MEC Transformer Upgrade_ |
| P238 | Telephony Ugrade for new AE Call Center |
| P239 | MEC Plant Performance Improvement_ |
| P240 | Burleson Substation Old 830 Conversion |
| P241 | SHEC Chilled Water & Heater Controls Upgrade |
| P243 | Maximo Bar Code Capability |
| P244 | SHEC Unit 5 Emergency Power |
| P245 | PV - Givens Recreation Center |
| P246 | SHEC Unit 5 Steam Turbine Start-up Agility Upgrade |
| P247 | PV - North Austin Recreation Center |

| Unit_CD | ORGN_NAME |
|---|---|
| P248 | PV - North Service Center - 901 W Koenig Ln |
| P249 | Installation of New Replacement Air Compressors for Decker P |
| P250 | FPP Turbines |
| P251 | Domain Refurbish or Replace Chiller 7 |
| P252 | Commons Ford CF-1 CF-4 Tie |
| P253 | Transmission Circuits/Burleson to Northland T |
| P254 | Chilled Water and Heating Upgrade |
| P255 | LM6000 Chiller Building |
| P256 | Decker 1 ERV Block Valve Replacement |
| P257 | HiCross HC-6 Reconductor and Extension |
| P258 | D2 Plant Life Extension Projects |
| P259 | Upgrade SHEC Unit 1-4 Ammoniz |
| P260 | Exhaust Damper on Unit 5A HRSG |
| P261 | Hidden Valley HV-4 and HV-5 Double Circuit |
| P262 | Sand Hill Energy Center Security Impr Phase 2 |
| P263 | Lakeshore LS-2 & LS-6 Tie |
| P264 | Ckt. 916 (LS-NL) Reroute |
| P265 | Mueller Energy Center 2nd Gen-Set with Ancillary |
| P266 | Decker 2 Igniter Conversion |
| P267 | MEC - 130VDC Switchgear Power Supply |
| P268 | Mueller Feeders MU-03, 04 |
| P269 | Justin Lane Feeder JL-4 |
| P271 | Holly Street Power Plant Decommissioning Back |
| P273 | Paul Robbins Security System Infrastructure |
| P274 | SHEC Ancillary Controls Replacement |
| P275 | DCP1 Power Factor Correction |
| P276 | Domain Cooling Tower Upgrade |
| P277 | Third 138/35 kv 70 MVA Seaholm Transformer |
| P278 | Federal Pacific/EEI Switchgear Replacement |
| P279 | Domain Security System Infrastructure |
| P280 | Brackenridge 123 Upgrade - TSUB |
| P281 | Domain-Endeavor Ph 2 Pipe |
| P282 | Domain-Power Factor Correction |
| P283 | Flextronics Dual Feed - WI13 Feeder |
| P284 | Jett to Riverplace Tones Upgrade |
| P285 | D2 Oil System Restoration |
| P286 | SHEC - Upgrade PSS for SHEC Units 1-4 |
| P288 | Document Management Program |
| P291 | Commons Ford Road |
| P292 | Dunlap Road Reconductor |
| P293 | Austin Community College Transmission Lines |
| P294 | Apple Dual Feed - WI-11 Feeder |
| P295 | FM 973 Reconductor |
| P296 | DCP2 Controls Upgrade |
| P297 | DCP2 Power Factor Correction |
| P298 | FPP Generator Stator Rewind |

| Unit_CD | ORGN_NAME |
|---|---|
| P299 | FPP Hot Reheat Piping |
| P300 | Hobby Controls Migration |
| P301 | Lakeshore LS-2 Extension |
| P302 | Oak Hill OH-5 & OH-7 Feeder Tie |
| P304 | D2 MBFP Recirc Valve |
| P305 | Seaholm Plant SP-12 Reconductor |
| P306 | CKT 921/975 tie (AU - TR) |
| P307 | Harris: Establish Two New Distribution Feeder |
| P309 | SHEC Plant Auxiliary Transformer Breaker Upgrade |
| P310 | D2 Plant Drain Route |
| P311 | Brush Country - Convict Hill TxDOT Crossing U |
| P312 | AMD Lonestar Site Conductor Upgrades |
| P313 | Burleson 950 Breaker Upgrade |
| P314 | Underground Capacitor Banks |
| P315 | Insulate & Air Condition Bldg Decker Trans Yd |
| P316 | Decker Transformer Shop Water System |
| P317 | Cardinal Lane CL-5 Oltorf Reconductor |
| P318 | Insulate and Air Condition Building at Decker |
| P319 | Decker Transformer Shop Water System |
| P320 | Daffin Gin New Feeder DG-5 |
| P321 | Commons Ford Road - HV/CF Feeder Tie |
| P322 | Stoney Ridge - New Feeders |
| P323 | Trading Post Feeder Extension and Tie |
| P324 | Warren WA-07 Feeder |
| P325 | ACAP/PIR/CIUR addition to 311 CSR System |
| P326 | Chat/Web Callback and Collaboration Applicati |
| P327 | Warren Feeder WA-7 |
| P328 | Contact Center Coaching Application |
| P329 | Email Response Management and Content Analyze |
| P330 | SMS Application |
| P331 | Speed Analytics for Recordings |
| P332 | Telephony enhancements for 311 CSR System |
| P333 | Transformer For Metering |
| P334 | Network Bay Enclosure |
| P335 | Scada-Ems Replacement |
| P336 | Decker D1 & D2 Generator Protection Relays |
| P337 | Decker D1& D2 Opacity Monitor Upgrade |
| P338 | Decker D1 & D2 Voltage Regulator Upgrade |
| P339 | Decker GT Main Gas Control Valve Sound Reduce |
| P340 | Decker TSI System Upgrade |
| P341 | Decker Upgrade Plant Entrance Middle Gate |
| P342 | WTP4 Service |
| P343 | Four Points Duct Bank |
| P344 | Neutralization Tank for SHEC RO System |
| P345 | SHEC 1-4 Chiller Building Upgrades |
| P346 | SHEC 5 Cooling Tower Improvements |

| Unit_CD | ORGN_NAME |
|---|---|
| P347 | SHEC HRSG Exhaust Damper |
| P348 | SHEC Unit 5 Lube Oil Transfr & Storage System |
| P349 | Dunlap to Lost Pines 345 kV |
| P350 | Howard Lane to Jollyville Reconductor |
| P351 | Brackenridge 123 Upgrade - DSUB |
| P353 | Brackenridge 456 Upgrade - TSUB |
| P354 | Carson Creek to Met Center |
| P355 | Brodie Lane RTU Upgrade - T |
| P356 | Commons Ford Control House Upgrade - T |
| P357 | Daffin Gin Unit 123 Upgrade - T |
| P358 | Brackenridge 456 Upgrade - DSUB |
| P359 | SHEC Unit 5 Generator Core Monitor |
| P360 | HC-6 Reconductor and Circuit Extension |
| P361 | Lytton At-1 To At-2 Relay Upgrades |
| P362 | Brodie Lane RTU Upgrade - D |
| P363 | Northland Substation Conversion - TSUB |
| P364 | Northland Substation Conversion - DSUB |
| P365 | Distribution Backup To 15kv Network Circuits |
| P366 | Power Cabling for Samsung Fab 2 Expansion |
| P368 | Pedernales Substation New Line Termination |
| P369 | Howard Lane and Jollyville Termination Upgrad |
| P370 | Carson Creek Termination (CC to MT) |
| P371 | Met Center Termination (CC to MT) |
| P372 | McNeil Termination (MC to SU) |
| P373 | Summit Termination (MC to SU) |
| P375 | Dunlap to Techridge Ckt 975 & 921 |
| P376 | Hicross HC-11 Reconductor |
| P381 | Enterprise Pi Historian |
| P382 | Koenig Lane to McNeil Transmission Line Conve |
| P383 | Kingsbery 950 Breaker Replacement |
| P386 | Seaholm Third 35kV Transformer |
| P387 | Sprinkle Control House Upgrade - T |
| P388 | Sprinkle Control House Upgrade - D |
| P390 | Warren 603M Circuit Switcher Upgrade |
| P391 | Williamson Control House Upgrades - T |
| P392 | Williamson Control House Upgrades - D |
| P393 | Ckt 3121 Insulator Upgrades |
| P394 | TLC Bouldin Creek Retaining Wall |
| P395 | Ckts 974, 1011, 902, & 906 Upgrade to 3000A |
| P396 | MC to SU and MC to MP Separated & MC to MP up |
| P397 | MP to NL Ckt 979 upgrade to 2000A |
| P399 | Pole & Insulator Upgrades Ckt 833 834 835 826 |
| P400 | Pole Upgrades Ckt 902, 1011, and 1013 |
| P401 | Enterprise Work MGMT & Asset Costing (Maximo |
| P403 | Amanda And Ccb Integration For Permit Data |
| P404 | Balcones RTU Upgrade - T |

| Unit_CD | ORGN_NAME |
|---|---|
| P405 | Balcones RTU Upgrade - D |
| P406 | PSMO TSS Training Center |
| P407 | Asset Maintenance & Management System: Distribution |
| P408 | TLC Floor Renovations |
| P409 | Walnut Creek Control House Upgrade - T |
| P410 | Walnut Creek Control House Upgrade - D |
| P412 | Static Fiber Upgrade Program |
| P413 | Line Relay Upgrade Program |
| P417 | Electric Office: Gis Fiber Management System |
| P418 | Transmission Line Insulator Upgrade Program |
| P419 | Pole Attachment Tracking & Billing System |
| P422 | Koenig Lane to McNeil Substation Conversion t |
| P425 | Holly Low Profile Bus |
| P426 | McNeil Auto to Holly |
| P427 | Kinnosa Upgrade |
| P430 | Conservation Voltage Reduction Program |
| P431 | Burleson Unit 789 Upgrade - TSUB |
| P433 | HiCross 456 Upgrade Tran |
| P434 | HiCross 456 Upgrade Dsub |
| P435 | Mwm Expansion: Lighting Crews |
| P436 | Burleson Unit 789 Upgrade - DSUB |
| P437 | Live Oak Sub Dsub |
| P438 | Distribution Feeder Upgrade Program |
| P439 | Bus Protection Upgrade Program |
| P441 | Air Products Sub Tran |
| P442 | Air Products Sub Dsub |
| P443 | Commons Ford 123 Upgrade - TSUB |
| P446 | Commons Ford 123 Upgrade - DSUB |
| P447 | HiCross 123 Upgrade Tran |
| P448 | HiCross 123 Upgrade Dsub |
| P450 | Kramer Lane Sub Tran |
| P451 | Kramer Lane Sub Dsub |
| P454 | Balcones 789 and 101112 Tran |
| P455 | Balcones 789 and 101112 Dsub |
| P457 | Mustang Wind Interconnection Sub |
| P458 | Oak Hill Substation/Oak Hill 456 Feeder Relay |
| P459 | Circuit Switcher Replacement Program--DSUB |
| P460 | Dunlap AT2 |
| P461 | Austin Dam Feeder Breaker Upgrades |
| P462 | Trading Post TP-1 Feeder Tie |
| P464 | State Switchgear Overhead Backup |
| P466 | URD Cable Replace and UPG |
| P467 | Mopac Wall Dist Relocation |
| P468 | Ckt 911 Transmission Reliability Upgrade |
| P469 | Congress Ductline Rehab Project |
| P470 | New Stoney Ridge Feeder |

| Unit_CD | ORGN_NAME |
|---|---|
| P471 | Mueller Feeder MU-01 |
| P473 | Ckt 965 Transmission Reliability Upgrade |
| P474 | Transmission Circuit Reliability Upgrades Program |
| P476 | Brackrenridge 833, 834, 850, 851, & 852 Breaker Upgrade |
| P478 | Techridge Substation 4000A Upgrade |
| P479 | Jett 123 Upgrade - TSUB |
| P480 | Justin Lane to Koenig Lane (813) Line Upgrade |
| P481 | Justin Lane to McNeil (811) Upgrade |
| P482 | Jett 123 Upgrade - DSUB |
| P483 | Telecom Make Ready Open Wire Secondary Change Out Program |
| P484 | Cardinal Lane New Feeder CL-3 |
| P488 | McNeil 456 Upgrade - TSUB |
| P489 | McNeil 456 Upgrade - DSUB |
| P490 | Onion Creek Yard Improvements - TSUB |
| P491 | Onion Creek Yard Improvements - DSUB |
| P493 | Salem Walk 789 Upgrade - TSUB |
| P494 | Salem Walk 789 Upgrade - DSUB |
| P495 | Slaughter 456 Upgrade - TSUB |
| P496 | Slaughter 456 Upgrade - DSUB |
| P501 | Ed Bluestein EB-1 & EB-7 Feeder Upgrades |
| P503 | Video Wall Expansion |
| P504 | North Austin Medical Dual Feed: MC-5/HL-6 Double Ckt |
| P505 | OnRamp Dual Feed |
| P507 | Shec Unit 5a Ammonia Heater Skid Upgrade |
| P508 | Electric Office: Network |
| P509 | Electric Office: Transmission |
| P510 | Electric Office: Upgrade |
| P514 | 7FA Upgrade |
| P515 | CSR 4.4 Upgrade and Implementation Project |
| P516 | SCC basement shell build out |
| P517 | New HVAC System At TLC |
| P525 | DCP1 Improvements |
| P526 | SAR Water to SHEC Simple Cycles |
| P527 | Power Production Minor Plant Improvements Program |
| P532 | Jollyville 10-11-12 Addition - TSUB |
| P533 | Jollyville 10-11-12 Addition - DSUB |
| P540 | HM-RP Ckt 984 Upgrade |
| P553 | Holly Plant Low Profile Substation - Tsub |
| P554 | Holly Plant Low Profile Substation - Dsub |
| P559 | Trading Post Circuit Breaker TP3 Addition - TSUB |
| P563 | ICG High Availability System for Distribution Automation |
| P564 | Decker Library Inverter |
| P572 | SHEC Unit 5A HRSG Duct Burners |
| P574 | SHEC Unit 5 Cooling Tower Fire Protection |
| P575 | SHEC Units 1-4 Catalyst Replacement |
| P577 | SHEC Facility Improvement |

| Unit_CD | ORGN_NAME |
|---|---|
| P582 | Reclamation Warehouse / Pilot Knob Steel Pole Laydown yard |
| P583 | Facilities Workshop at CTECC |
| P589 | SHEC Units 6 & 7 Turbine Controls Replacement |
| P601 | SHINES Commercial Storage Project |

NXP/Samsung 4-33. Please provide the cause and disposition of NAES v. City of Austin. What was the total amount paid to defend the City in the case?

ANSWER:

Suit was never filed in this matter and the dispute was settled during a mediation.

The total amount paid, as reported in Attachment 1 to NXP/Samsung RFI No. 4-31, is $62,612.

Prepared by: JL/AR
Sponsored by: Mark Dombroski

NXP/Samsung 4-34. Please refer to AE's Response to NXP/Samsung RFI 1-115, Attachment 1, Page 28 of 102. Please explain why AE chose to protect most cells of the cost of service model after it obtained permission from the holder of the license agreement to publicly distribute the model?

ANSWER:

Austin Energy chose to protect the majority of the cells within the working model to preserve confidential information, including competitive generation information, and safeguard the integrity of the model, such as but not limited to starting test year balances, formulas, structure, and other data. Even with the majority of cells locked, all functionality is still available within the model to make known and measureable adjustments to account balances, allocations alterations, and modify rate design (number of tiers, rates, discounts, and inside/outside).

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 4-35. Refer to WP G-10.2, lines 12 and 13. Please fully explain and provide all support for the $2,877,927 "Billing Adjustment." Please point to documentation in AE's filing that supports this adjustment.

ANSWER:

This is a billing adjustment factor that adjusts FY 2014 calculated base revenue to FY 2014 actual base revenue. Supporting documentation can be found within "AE RFP" model under WP G-10.1.1 and WP H-5.1 through WP H-5.14.

Prepared by: CM
Sponsored by: Mark Dombroski

NXP/Samsung 4-36. Refer to Schedule G-7, line 50, and Schedule G-8, lines 339-360, wherein the costs of Service Area Street Lighting is spread to other customer classes as a "Community Benefit."

A. What City of Austin department is responsible for determining where and when such lighting services are to be deployed?

B. Does Austin Energy make all decisions regarding where and when such lighting services will be installed? If not, please fully describe how such decisions are made and who makes those decisions (including the City of Austin department in which that person or persons work).

C. What incentives does the department responsible for deploying or requesting such services have to insure that such lighting services are efficiently and economically deployed?

ANSWER:

A. Austin Energy works with customers who request new lighting services to determine where and when those services are deployed.

B. Austin Energy's Design department individually reviews all requests to determine validity and feasibility of requests, and works with customers to determine agreeable locations of lighting placement. Austin Energy's Design department uses a web-based lighting program to conduct lighting studies. The lighting study identifies parameters (spacing, height, wattage) that will provide sufficient lighting of an area. Lighting requests can come from any customer. Occasionally, requests for lighting to improve safety concerns will come from other City of Austin departments such as Police, Fire, EMS, and Public Works.

C. Customers requesting street lighting pay installation fees intended to recover installation costs. The incentive for customers to deploy the most efficient and economic street lighting is to pay the lowest possible installation costs. Austin Energy maintains all street lighting within its service territory, and Austin Energy pays all street lighting energy costs within Austin city limits. In order to minimize rate impacts to its customers, Austin Energy attempts to pay the lowest possible maintenance and energy costs.

Prepared by: MP
Sponsored by: Elaina Ball

NXP/Samsung 4-37. Refer to Schedule G-10, lines 6 and 20. The Residential under-recovery of costs was $53,411,041 under current rates and will be $60,658,296 under AE's proposed rates. Please explain how a rate that moves further away from cost recovery is not:

A. unreasonably preferential;
B. discriminatory;
C. inefficient; and,
D. contrary to cost of service principles.

ANSWER:

Austin Energy notes that the projected amount of over or under recovery indicated on Schedule G-10 includes estimated costs for the pass-through charges of the Power Supply Adjustment, the Regulatory Charge, and the Community Benefit Charge. The actual amounts of these pass-through charges to be allocated to specific rate classes has not been finalized and will be decided by the Austin City Council as part of its normal annual budgeting process. Therefore, the conclusion that Austin Energy's proposed base rate adjustments move the Residential class farther away from cost recovery is inaccurate.

For a more precise examination of the impact this base rate adjustment is proposed to have on the Residential class, please refer to WP G-10.2, Column B, Lines 6 and 15. In this workpaper, it is evident that Austin Energy's proposal would result in a net neutral revenue impact on residential customers while the remaining rate classes (with the exception of Secondary Voltage $< 10$ kW and Transmission Voltage $\geq 20$ at 85% load factor) would realize a net decrease in their base rates. Please refer to Chapter 6 of the Tariff Package for a broad discussion on the rationale behind the proposed base rate adjustments and why Austin Energy believes the proposal meets its guiding ratemaking principles.

Prepared by: BE
Sponsored by: Mark Dreyfus

NXP/Samsung 4-38. If AE does not increase Residential rates during a proceeding in which the overall rates are being lowered, as in the current rate review, is it true, or likely, that the currently under-recovery will be compounded in the future when rate increases are proposed? If AE's response is not yes, please fully explain how AE's proposal will not exacerbate the Residential under-recovery problem in future rate increases.

ANSWER:

In short, the relative proximity of a customer class to its cost of service depends on the cost of service analysis.

First, the question assumes that rates will increase in the future. Austin Energy is not certain that this will be the outcome of the next cost of service study. As is the case with the current rate review, the revenue requirement may decrease. If the future total revenue requirement should decrease but the Residential class' base rates were designed to recover the same amount of revenue, the class would move closer to its full cost of service.

Second, each class is allocated a share of the total revenue requirement through the cost of service study. If a particular class' share of the total revenue requirement should change from one cost of service study to the next, the relative over- or under-recovery would change. For example, assuming the total revenue requirement does not change but the Residential class' share of the revenue requirement decreases, then the class would move closer to its class cost of service, assuming no changes to the rates.

Third, Austin Energy's proposal to adjust the tiers of residential rates should, in theory, keep the Residential class from moving further away from the class cost of service in the future. This may be true because the recommendation significantly narrows the differential between cost of service and the rates charged in the first tier. Because all residential customers pay tier 1 rates, Austin Energy believes the adjustment should stop the movement away from class cost of service.

Finally, please see Austin Energy's Response to ICA RFI No. 2-8. Austin Energy believes that in fairness to all customer classes some amount of adjustment will be required to bring the Residential class closer to its cost of service. How close, how quickly, and by what mechanisms are all policy levers available to the City Council and could be determined in this rate review process or under a different process at the discretion of the City Council.

Prepared by: BE
Sponsored by: Mark Dombroski

NXP/Samsung 4-39. See Figure 6.25, Regulatory Charges by Customer Class. Please provide Regulatory Charges for P4.

ANSWER:

This question is subject to a pending objection.

Prepared by: -
Sponsored by: -

NXP/Samsung 4-40. Refer to WP F-2.4. Why do the "Sum Max Demands" on worksheet line 47 (Excel file line 53) and the "12NCP Primary" on worksheet line 3 (Excel line 9) not match for either primary and secondary customers? Please provide a kW reconciliation for each and every difference in the kW by class by month and a narrative explanation of the differences.

ANSWER:

The Sum of Max Demands (SMD) and Non-Coincident Peak (NCP) are two different statistics. Although similar, the two statistics measure different characteristics.

The SMD estimates the total of the peak demands for all customers within a customer class. The NCP estimates the peak demand of the customer class, as a whole. Since individual customers peak at times different than that class, the sum of individual peaks will be higher than the class.

Prepared by: JL
Sponsored by: Mark Dombroski

NXP/Samsung 4-41. Please add the following allocation factors for Demand Related Distribution Plant on Schedule G-6 of AE's class cost of service file, "AECostof ServiceModelv2" provided on Austin Energy's web site, and further allow changes to be made on worksheet "Schedule G-6", Excel lines 46, 47 and 50 so that the new allocation factors may be employed in addition to the already available allocation factors. The new allocation factors are:

A. "Sum of Summer NCP Primary"; and
B. "Sum of Summer NCP Secondary", where "Sum of Summer NCP Primary" is equal to an allocation factor developed using the sum of primary NCP demands during the months of June through September provided on AE's WP F-2.4, and "Sum of Summer NCP Secondary" is developed in the same manner using secondary voltage class NCP demands.

ANSWER:

This question is subject to a pending objection.

Prepared by: -
Sponsored by: -

NXP/Samsung 4-42. Are AE's transformers capable of maintaining a higher continuous overloading of rated capacity during cold weather than during hot summer peak periods?

ANSWER:

Austin Energy assumes "overloading" as used in this RFI to mean the routine but intermittent application of an additional kVA demand load that causes the total kVA demand load on the transformer to exceed the transformer's rated capacity.

Austin Energy's transformers are capable of maintaining some level of higher continuous overloading of rated capacity during cold weather as compared with during hot summer peak periods, but specific capacity changes relative to ambient temperatures are not factored into Austin Energy's transformer sizing decisions. Depending on the magnitude of the over-load kVA demand, frequency of occurrence, and duration of the continuous overloading, Austin Energy might choose to install a larger transformer.

Prepared by: BS
Sponsored by: Elaina Ball

NXP/Samsung 4-43. How does the ambient temperature of the air affect the operation of AE's transformers in terms of sustained load transformation capability?

ANSWER:

Austin Energy assumes the term "sustained load" as used in this RFI means that the maximum kVA load on the transformer is a sustained steady state load or that the Load Factor is equal to 100%.

In general, a transformer can carry more sustained load if the ambient temperature is colder. However, specific changes to available transformer capacity that might be available due to changes in ambient temperatures are not factored into the initial transformer sizing decision.

Prepared by: BS
Sponsored by: Elaina Ball

NXP/Samsung 4-44. Are AE's conductors capable of maintaining a higher continuous over-loading of rated capacity during cold weather than during hot summer peak periods?

ANSWER:

Austin Energy assumes "overloading" as used in this RFI has the same meaning as it is used in NXP/Samsung's RFI No. 4-42 but to relate to conductors and not transformers. In general, conductors can carry higher continuous over-loading of rated ampacity if the ambient temperature is colder.

Prepared by: BS
Sponsored by: Elaina Ball

NXP/Samsung 4-45. How does the ambient temperature of the air affect the operation of AE's conductors in terms of sustained load carrying capability?

ANSWER:

In general, a conductor can carry more sustained current load if the ambient temperature is colder.

Prepared by: BS
Sponsored by: Elaina Ball

NXP/Samsung 4-46. Please rerun AE's class cost of service model (all schedules) using the allocation factors described above and provide the resulting Excel file that allows users to modify the allocation factors for Distribution Demand costs in Schedule G-6 to include the additional Summer NCP kW allocation factors describe above.

ANSWER:

This question is subject to a pending objection.

Prepared by: -
Sponsored by: -

NXP/Samsung 4-47. Refer to WP F-2.1, line numbers 30-33, "Coincident Peak @ ERCOT Peak, column (13), Total." Please explain and reconcile the differences between the total AE system kW at the time of the ERCOT system peak set forth on this workpaper with the demands set forth on Attachment 1, page 2 of 3, of AE's Response to NXP/Samsung RFI 3-2.

ANSWER:

The values shown in WP F-6.1 are the Austin Energy peak demands normalized for weather and year end customer counts. The values shown in AE's Response to NXP/Samsung RFI No. 3-2 are the actual demand coincident with ERCOT peaks. Please see AE's original and supplemental response to NXP/Samsung RFI No. 1-29 for a detailed description of the method utilized for normalizing peak demands.

Prepared by: JL
Sponsored by: Mark Dombroski

NXP/Samsung 4-48. Please update AE's class cost of service file, "AECostof ServiceModelv2" provided on Austin Energy's web site as modified pursuant to NXP/Samsung RFI 4-2 above to include the cost and revenue impacts in Docket No. 45382.

ANSWER:

This question is subject to a pending objection.

Prepared by: -
Sponsored by: -