

AUSTIN ENERGY'S TARIFF PACKAGE: §
2015 COST OF SERVICE STUDY §
AND PROPOSAL TO CHANGE BASE §
ELECTRIC RATES §

BEFORE THE CITY OF AUSTIN
IMPARTIAL HEARING EXAMINER

AUSTIN ENERGY
2016 APR 19 AM 7:46

**BETHANY UNITED METHODIST CHURCH'S THIRD REQUEST FOR INFORMATION
FROM AUSTIN ENERGY**

Bethany United Methodist Church (BUMC) requests that Austin Energy (AE) respond to the following Request for Information (RFI) set forth below relating to this case. Austin Energy is requested to serve its responses to this Request for Information on the authorized representative(s) listed below no later than ten days after AE receives this request and are governed by the terms of Chapter G of the City of Austin Procedural Rules for the Initial Review of Austin Energy's Energy Rates. ("Procedural Rules") as issued by the Independent⁴ Hearing Examiner.

GENERAL INSTRUCTIONS

The following General Instructions apply to each of BUMC's RFI Requests, which are attached below:

1. For each responsive answer, please identify the individual(s) responsible for its Preparation and the witness sponsoring the answer provided.
2. In the event any document requested in this request is unavailable, describe in detail the reasons the document is unavailable.
3. When producing documents pursuant to these RFI's, designate on the document or group of documents the RFI(s) in response to which the document(s) are produced.
4. If, in answering any of these RFI's there is any ambiguity in interpreting either the request or a definition or instruction applied thereto, please contact Clifford G. Wells at:

Email: cliff.wells@bethany-umc.org

5. These data requests are continuing in nature and require supplemental responses when further or different information with respect to any of them is obtained.
6. Use of the singular or plural word form in a data request is not to be interpreted to exclude information or documents from the scope or intent of the specific request.
7. The terms "and" and "or" shall be construed either disjunctively or conjunctively whenever appropriate in order to bring within the scope of these requests any information or documents which might otherwise be considered to be beyond their scope.

8. If any document covered by this request is withheld for whatever reason, please furnish a list identifying all withheld documents in the following manner

- (a) The reason for withholding;
- (b) The date of the document;
- (c) A Brief description of the document;
- (d) The name of each author or preparer;
- (e) The name of each person who received the document; and
- (f) A statement constituting the basis for withholding the document.

9. Please provide data responses as they become available.

DEFINITIONS

For the purposes for these requests, the following terms mean:

- a. "Communication" means any disclosure, transfer, or exchange of information, whether Oral or written, of any kind including but not limited to, telephone calls, conferences, letters and all memoranda or other documents concerning the requested item.
- b. "Austin Energy", the "utility", "AE", and "Applicant" refer to Austin Energy.
- c. "Person" means natural persons (e.g. human beings), corporations, partnerships, sole proprietorships, unions, associations, or federal or any other kind of governmental entity.
- d. "Document" means any printed, typewritten, handwritten, mechanically or otherwise recorded matter of whatever character, including but without limitation, letters, purchase orders, memoranda, telegrams, notes, inter- or intra-office communications, statements, investigative reports, announcements, depositions, pleadings, judgments, newspaper articles, photographs, tape recordings, motion pictures and any carbon or photographic copies of any such material if you do not have custody or control of the original.

If any document requested to be identified was, but is no longer, in your possession or control, or no longer exists, state whether the document is:

- 1. Missing or lost;
 - 2. Destroyed;
 - 3. Transferred voluntarily or involuntarily to others and, if so, to whom or
 - 4. Otherwise disposed of; and in each instance explain the circumstances surrounding an authorization of such disposition thereof state the approximate date thereof and describe its contents.
- c. "You" and "your" shall mean the party to whom these questions are directed as well as agents, employees, attorneys, investigators and all other "persons" acting for you.

REQUESTS FOR INFORMATION

3-1 The bills commercial customers receive are complicated with eight to nine lines of charges for different items. In this Rate Proposal all of the rate items are changing and rate classes consolidated. In an effort to assess the effect of all these variables, actual bills for HOW's were used to assess current

and proposed changes and their effects. Two bills each for two users of the HOW Discount are attached. Please verify that the attached accumulations of the Rates and Fees and applications of the new Rates and Fees using known and published information are correct. Please verify that the calculations, extensions and assumptions are correct. Please note where they are incorrect and explain where and how they may be corrected. Please explain assumptions used or corrections of assumptions. Include any calculations or formulas. The individual HOW sheets are available in excel if requested so the formula's used would be visible. Please note that both customers have authorized the use of their billing information for this request, as well as AE's response to this request.

Attachment 3.1a Rate Sheet Summary – All should be clear except the Community Benefit Charges. Two of the three elements, the SAL & ESS increased. The CAP seemed to change from summer to winter. Advise if tables provided are correct and complete.

Format for all the Analyses has first on the left, Actual billing information for the stated Read period. Then, continuing to the right, columns show the Old and New Rates. Then the statement of the KW & kWh values with the new Rates and the calculation column with totals summarized at the bottom. The Box at lower right on page 2 shows Net Bill before Rate Changes and Net Bill after Rate Changes,

Attachment 3.1b. Analysis of Bethany United Methodist Church – Sanctuary – Acct. No. 71446 00000 for power used in December; Billed in January

Attachment 3.1c. Analysis of Bethany United Methodist Church – Sanctuary – Acct. No. 71446 00000 for power used in July; Billed in August

Attachment 3.1d. Analysis of First Unitarian Church – Sanctuary – Acct. No. 74488 00000 for power used in December; Billed in January

Attachment 3.1e. Analysis of First Unitarian Church – Sanctuary – Acct. No. 74488 00000 for power used in July; Billed in August

If any questions, contact Cliff Wells, noted below or at cliff.wells@bethany-umc.org.

Respectfully submitted,



Clifford G. Wells
Administrative Executive
Bethany United Methodist Church
10010 Anderson Mill Rd.
Austin, Texas 78750-2199
512-258-6017 512-997-8917 (cell)
Submitted this date: April 18, 2016

PERSON(S) RESPONSIBLE FOR ANSWER:

Attachment 3-1a

Summary of Proposed Austin Energy Rate Changes

Existing Rates taken from published "Commercial Electric Rates & Line Items" from AE website

New Rates from Austin Energy's Tariff Package: 2015 Cost of Service Study and Proposal to Change Base Electric Rates January 25, 2016

See Section 6.6. CHANGES TO NON-RESIDENTIAL RATES, PAGES 152 THRU 175. -

means New Rate

			For Current S1 Class <10KW	New Rates S1 Class <10KW	Increase/ Decrease	For Current S2 Class >10KW <50KW	New Rates S2 Class >10KW <300KW	Increase/ Decrease	For Current S3 Class <50KW	New Rates S2 Class >10KW <300KW	Increase/ Decrease
Fixed & Mixed	Customer Charge		\$18.00	\$18.00	\$0.00	\$25.00	\$27.50	\$2.50	\$65.00	\$27.50	(\$37.50)
	Community Benefit Charges										
Demand	Electric Delivery	\$\$ per KW	\$0.00	\$0.00	\$0.00	\$4.00	\$4.00	\$0.00	\$4.50	\$4.00	(\$0.50)
	Demand Charge (winter)	\$\$ per KW	\$0.00	\$0.00	\$0.00	\$5.15	\$5.75	\$0.60	\$6.85	\$5.75	(\$1.10)
	Demand Charge (summer)	\$\$ per KW	\$0.00	\$0.00	\$0.00	\$6.15	\$5.75	(\$0.40)	\$7.85	\$5.75	(\$2.10)
	Regulatory Charges	\$\$ per KW	\$0.00	\$0.00	\$0.00	\$4.57	\$3.24	(\$1.33)	\$4.43	\$3.24	(\$1.19)
Usage	Regulatory Charges	\$\$ per KW	0.01530	0.01159	(0.00371)						
	Energy Charge (winter)	\$\$ per KWh	0.04598	0.05190	0.00592	0.02140	0.02421	0.00281	0.01747	0.02421	\$0.00674
	Energy Charge (summer)	\$\$ per KWh	0.06198	0.02421	(0.03777)	0.02974	0.02421	(0.00553)	0.02247	0.02421	\$0.00174
	Power Supply Adjustment (Non-Summer)	\$\$ per KWh	0.03139	0.03124	(0.00015)	0.03139	0.03124	(0.00015)	0.03139	0.03124	(\$0.00015)
	Power Supply Adjustment (summer)	\$\$ per KWh	0.03139	0.03148	0.00009	0.03139	0.03148	0.00009	0.03139	0.03148	\$0.00009
	Power Factor Adjustment below 90%				(I did not find the rate or calculation)						

Old Rate S1	New Rate S1	Old Rate S2	New Rate S2	Old Rate S3	New Rate S2	
\$0.00096	\$0.00145	\$0.00076	\$0.00145	\$0.00068	\$0.00145	CBC = Community Benefit Charge Rate/KWh
\$0.00337	\$0.00246	\$0.00378	\$0.00246	\$0.00198	\$0.00246	SAL = Service Area Lighting Rate/KWh
\$0.00000	\$0.00597	\$0.00973	\$0.00597	\$0.00597	\$0.00597	ESS = Energy Efficiency Services Rate/KWh
\$0.00000	\$0.00988	\$0.01427	\$0.00988	\$0.00863	\$0.00988	CAP = Community Assistance Program Set by Policy
Diff.	\$0.00988	Diff.	-\$0.00439	Diff.	\$0.00125	Notes assume CAP is the same for both rates.
% incr.	#DIV/0!	% incr.	-30.8%	% incr.	14.5%	

Not Yet Compiled	From Large Presbyterian	From Medium UMC
	19.1 current CBC \$\$	51.64 current CBC \$\$
	3680 current KWh	15600 current KWh
	0.00519 current CBC rate	0.00331 current CBC rate
	-0.00454 old SAL + EES Rates	-0.00266 old SAL + EES Rates
	0.00973 Derived CAP	0.00597 Derived CAP

From Large Presbyterian's Numbers
Current S2 Rate

Calculating Sanctuary Discount

Current Charges/ KWh =

\$983.85	3680	\$0.26735
	CAP Rate	\$0.13051
	Diff	\$0.13684
	3680	\$503.57

From Medium UMC Numbers
Current S3 Rate

Calculating Sanctuary Discount

Current Charges/ KWh =

\$2,069.77	##	\$0.13268
	CAI	\$0.13051
	Diff	\$0.00217
	##	\$33.81

Bethany United Methodist Church 10010 Anderson Mill Rd A

Sanctuary December
Account Number 71446 00000

Read Date:	11/24/2015	12/28/2015	Consumption	Demand	Power
ON Peak	4555	4651	7680	84	0.84
Off Peak	2618	2701	6640	120	0.99
			14320		

Rate= Electric Commercial Secondary voltage >50kW

Fixed & Mixed	Customer Charge	\$65.00	
	Community Benefit Charges	\$47.40	
		\$112.40	
Demand	Electric Delivery 84.0 kW at \$4.50/kW	\$378.00	
	Demand Charge 84.0 kW at \$6.85 per kW (winter)	\$575.40	
	Regulatory Charges 84.00 kW at \$4.43 per kW	\$372.12	
		\$1,325.52	
Usage	Energy Charge 14,320 kWh at \$0.01747 per kWh (winter)	\$250.17	
	Power Supply Adjustment 14,320 kWh at \$0.03139 per kWh	\$449.50	
	Power Factor Adjustment below 90%	\$94.68	
		\$794.35	
	Summary of Current Charges	\$2,232.27	
	Total Sanctuary Discount	-\$363.37	
	Load Profiler Charge	\$15.00	
	Total Current Charges	\$1,883.90	

Calculating Sanctuary Discount			
Current Charges/ KWh =			
\$2,232.27	14320	\$0.15588	
CAP Rate		\$0.13051	
Diff		\$0.02537	
	14320	\$363.37	

COSTS UNDER
CURRENT RATES

% of Actual
5.0%
59.4%
35.6%
100.0%

Bethany United M

Sanctuary
Account Number 7

With Propose

Read Date:	11/19/2015	12/21/2015
ON Peak	4555	4651
Off Peak	2618	2701

Rate= Electric Commercial Secondary v

Rate = Non-Residential Secondary Volta

Old Rate	New Rate	Fixed & Mixed	Customer Charge
\$65.00	\$27.50		Community Benefit Charges
\$4.00	\$4.00	Demand	Electric Delivery 120.0 kW a
\$6.85	\$5.75		Demand Charge 120.0 kW a
\$4.43	\$3.24		Regulatory Charges 120.00

\$0.01747	\$0.02421	Usage	Energy Charge 14,320 kWh
\$0.03139	\$0.03124		Power Supply Adjustment 1
			Power Factor Adjustment b

Summary of Current Charge

Total Sanctuary Discount

Load Profiler Charge

Total Current Charges

Old Rate	New Rate	
0.00068	0.00145	CBC = Community Benefit Charges - Th
0.00198	0.00246	SAL = Service Area Lighting
0.00597	0.00597	ESS = Energy Efficiency Services
0.00863	0.00988	CAP = Community Assistance Program
Diff.	0.00125	\$47.40 current CBC \$
% incr.	14.5%	14320 current KWh
		0.00331 current CBC r
Model Example		-0.00266 old SAL + EES
51.64	current CBC \$	0.00597 Derived CAP
15600	current KWh	
0.00331	current CBC rate	

Methodist Church 10010 Anderson Mill Rd A

December

1446 00000

and New Rates and no HOW Discount

Consumption	Demand	Power
7680	84	0.84

6640	120	0.99
14320		

voltage >50kW

Service 2 (S2) - From 10KW to less than 300KW

	\$27.50
	\$54.27
	\$81.77
t \$4.00/kW	\$480.00
t \$5.75 per kW (winter)	\$690.00
W at \$3.24 per kW	\$388.80
	\$1,558.80

at \$0.02421 per kWh (winter)	\$346.69
4,320 kWh at \$0.03124 per kWh	\$447.36
allow 90%	\$94.68

	\$888.73
	\$2,529.30
	\$0.00
	\$15.00

COSTS UNDER PROPOSED NEW RATES

With New Rate	New Rates	With New Rate
% of Actual		
	\$47.40 1.145	\$27.50
3.2%		\$54.27
		\$81.77
	120 \$4.00	\$480.00
	120 \$5.75	\$690.00
	120 \$3.24	\$388.80
61.6%		\$1,558.80
	14320 \$0.02421	\$346.69
	14320 \$0.03124	\$447.36
	14320	94.68
35.1%		\$888.72
100.0%		\$2,529.30
		\$0.00
		\$15.00

Free parts

Rate/KWh
Rate/KWh
Set by Policy

	\$2,544.30		\$2,544.30
	% Diff. Between Jan 2016 Bill		
Net Bill Before Rate Chg.	\$1,883.90	\$0.00	0.0%
Net Bill After Rate Chg.			
Higher Demand + No Cap.	\$2,544.30	\$660.40	35.1%

\$

ate
Rates

Service Details

BETHANY SANCTUARY DECEMBER 2015

PowerLink Number: 47881406

10010 ANDERSON MILL RD A



ELECTRIC SERVICE

Meter # 2005874

Read Date	On Peak	Mid Peak	Off Peak
11/24/2015	4555	0	2618
12/28/2015	4651	0	2701
Read Difference	7680	0	6640
Total Consumption in KWH	7680	0	6640
Demand Usage	84.00	0.00	120.00
Power Factor	0.84	0.00	0.99
COA - Electric Commercial Secondary Voltage >50kW - Sanctuary Only			
Customer Charge			\$65.00
Electric Delivery 84.00 kW at \$4.50 per kW			\$378.00
Demand Charge 84.00 kW at \$6.85 per kW (winter)			\$575.40
Energy Charge 14,320 kWh at \$0.01747 per kWh (winter)			\$250.17
Community Benefit Charges			\$47.40
Regulatory Charges 84.00 kW at \$4.43 per kW			\$372.12
Power Supply Adjustment 14,320 kWh at \$0.03139 per kWh			\$449.50
Power Factor Adjustment Below 90%			\$94.68
Summary of Current Charges			\$2,232.27
Total Sanctuary Discount			-\$363.37
Load Profile - Monthly Charge			\$15.00
Total Current Charges			\$1,883.90
Commercial Sales Tax			
Taxable Amount			\$1,883.90
TOTAL CURRENT CHARGES			\$1,883.90

Want to save money on your electric bill? Visit austinenergy.com for information on our rebate programs and energy saving tips.



CLEAN COMMUNITY SERVICE

10010 ANDERSON MILL RD A

Service Dates	11/30/2015	12/30/2015
City of Austin - Clean Community Fee Sanctuary		
Austin Resource Recovery		\$4.30
Austin Code Department		\$3.35
TOTAL CURRENT CHARGES		\$7.65

View or Pay online: www.coautilities.com

AUTHORIZED PAY STATIONS:

Payments are accepted at most Austin-area
HEB and Randall's stores, as well as:

- Fiesta Mart (IH35 and 38 1/2 st.)
- Rosewood-Zaragosa Center (2800 Webberville Rd.)
- Utility Service Center (8716 Research Blvd. Suite 115)

Drop Box Locations Are:

- 625 East 10th Street
- 505 Barton Springs Road

Mail all inquiries to:

City of Austin Utility Customer Service,
P.O.Box 2267 Austin, TX 78783-2267

Attachment 3-1c

Bethany United Methodist Church 10010 Anderson Mill Rd A

Sanctuary July 2015
Account Number 71446 00000

Read Date: 6/26/2015 7/28/2015 Consumption Demand Power
 ON Peak 4005 4134 10320 92 0.87
 Off Peak 2177 2200 9040 117.6 0.87
 19360

Rate= Electric Commercial Secondary voltage >50kW

Fixed & Mixed	Customer Charge	\$65.00	
	Community Benefit Charges	\$78.79	
			\$143.79
Demand	Electric Delivery 92.0 kW at \$4.50/kW	\$414.00	
	Demand Charge 92.0 kW at \$7.85 per kW (summer)	\$722.20	
	Regulatory Charges 92.00 kW at \$2.60 per kW	\$239.20	
			\$1,375.40
Usage	Energy Charge 19,360 kWh at \$0.02247 per kWh (summer)	\$435.02	
	Power Supply Adjustment 19,360 kWh at \$0.03945 per kWh	\$763.75	
	Power Factor Adjustment below 90%	\$47.42	
			\$1,246.19
	Summary of Current Charges		\$2,765.38
	Total Sanctuary Discount	-\$180.24	
	Load Profiler Charge	\$15.00	
			\$2,600.14

Calculating Sanctuary Discount			Calculating Sanctuary Discount		
Current Charges/ KWh =			Current Charges/ KWh =		
\$2,765.38	19360	\$0.14284	\$2,765.38	19360	\$0.14284
CAP Rate		\$0.13353	CAP Rate		\$0.13051
Diff		\$0.00931	Diff		\$0.01233
	19360	\$180.24		19360	\$238.71

CAP Rate \$0.13353

CAP Rate \$0.13051

The CAP Rate Seems different in summer.

COSTS UNDER
CURRENT RATES

% of Actual
5.2%
49.7%
45.1%
100.0%

Bethany

Sanctuary Account

Read Date: 6/26/2015
 ON Peak 4005
 Off Peak 2177

Rate = Non-Residential
 Old Rate \$65.00 New Rate \$27.50
 Fixed & Mixed Customer Charge
 \$4.50 \$4.00 Demand Electric Delivery
 \$7.85 \$5.75 Demand Charge
 \$2.60 \$3.24 Regulatory Charges
 \$0.02247 \$0.02421 Usage Energy Charge
 \$0.03945 \$0.03124 Power Supply
 Power Factor
 Summary of
 Total Sanctuary
 Load Profiler
 Total Current

Old Rate	New Rate	
0.00068	0.00145	CBC = Community Bene
0.00198	0.00246	SAL = Service Area Light
0.00673	0.00673	ESS = Energy Efficiency
0.00939	0.01064	CAP = Community Assis
Diff.	0.00125	\$78.75
% incr.	13.3%	19360
		0.00407
		-0.00266
		0.00673

United Methodist Church 10010 Anderson Mill Rd A

July 2015
Number 71446 00000

With Proposed New Rates and no HOW Discount

7/28/2015 Consumption	Demand	Power
4134 10320	92	0.87
2200 9040	117.6	0.87
19360		

**COSTS UNDER PROPOSED
NEW RATES**

Secondary Voltage Service 2 (S2) - From 10KW to less than 300KW

Large	\$27.50
Benefit Charges	\$89.27
	\$116.77
Very 117.6 kW at \$4.00/kW	\$470.40
Large 117.6 kW at \$5.75 per kW	\$676.20
Charges 117.6 kW at \$3.24 per kW	\$381.02
	\$1,527.62
Large 19,360 kWh at \$0.02421 per kWh (winter)	\$468.71
Large Adjustment 19,360 kWh at \$0.03124 per kWh	\$604.81
Small Adjustment below 90%	\$47.42
	\$1,120.94
Current Charges	\$2,765.33
Small Discount	\$0.00
Small Charge	\$15.00

Small Charges

\$2,780.33

Small Charges - Three parts

Small	Rate/KWh
Services	Rate/KWh
Smallance Program	Set by Policy

current CBC \$\$
current KWh
current CBC rate
old SAL + EES Rates
Derived CAP

With New Rate	New Rates	With New Rate
% of Actual		\$27.50
	\$78.79 1.133	\$89.27
0.0%		\$116.77
4.2%		
	117.6 \$4.00	\$470.40
	117.6 \$5.75	\$676.20
	117.6 \$3.24	\$381.02
55.2%		\$1,527.62
	19360 \$0.02421	\$468.71
	19360 \$0.03124	\$604.81
	19360	\$47.42
40.5%		\$1,120.93
100.0%		\$2,765.33
		\$0.00
		\$15.00

	\$2,780.33		\$2,780.33
	% Diff. Between Jan 2016 Bill		Both Dual KW
Net Bill Before Rate Chg.	\$2,600.14	\$0.00	0.0% & no CAP
Net Bill After Rate Chg.	\$2,780.33	\$180.19	6.9%
Higher Demand + No Cap.			

Service Details

BETHANY SANCTUARY JULY 2015

PowerLink Number: 47881400

10010 ANDERSON MILL RD A



ELECTRIC SERVICE

Meter # 2005874

Read Date	On Peak	Mid Peak	Off Peak
06/26/2015	4005	0	2177
07/28/2015	4134	0	2290
Read Difference	10320	0	9040
Total Consumption in KWH	10320	0	9040
Demand Usage	92.00	0.00	117.60
Power Factor	0.87	0.00	0.87
COA - Electric Commercial Secondary Voltage >50kW - Sanctuary Only			
Customer Charge			\$65.00
Electric Delivery 92.00 kW at \$4.50 per kW			\$414.00
Demand Charge 92.00 kW at \$7.85 per kW (summer)			\$722.20
Energy Charge 19,360 kWh at \$0.02247 per kWh (summer)			\$435.02
Community Benefit Charges			\$78.79
Regulatory Charges 92.00 kW at \$2.60 per kW			\$239.20
Power Supply Adjustment 19,360 kWh at \$0.03945 per kWh			\$763.75
Power Factor Adjustment Below 90%			\$47.42
Summary of Current Charges			\$2,765.38
Total Sanctuary Discount			-\$180.24
Load Profile - Monthly Charge			\$15.00
Total Current Charges			\$2,600.14
Commercial Sales Tax			
Taxable Amount			\$2,600.14
TOTAL CURRENT CHARGES			\$2,600.14

Want to save money on your electric bill? Visit austinenenergy.com for information on our rebate programs and energy saving tips.



CLEAN COMMUNITY SERVICE

10010 ANDERSON MILL RD A

Service Dates	06/30/2015	07/30/2015
City of Austin - Clean Community Fee Sanctuary		
Austin Resource Recovery		\$4.30
Austin Code Department		\$3.10
TOTAL CURRENT CHARGES		\$7.40

View or Pay online: www.coautilities.com

AUTHORIZED PAY STATIONS:

Payments are accepted at most Austin-area
HEB and Randall's stores, as well as:

- Fiesta Mart (IH35 and 38 1/2 st.)
- Utility Service Center (8716 Research Blvd, Suite 115)
- Rosewood-Zaragosa Center (2800 Webberville Rd.)

Drop Box Locations Are:

- 625 East 10th Street
- 505 Barton Springs Road

Mail all inquiries to:

City of Austin Utility Customer Service,
P.O.Box 2267 Austin, TX 78783-2267

Attachment 3-1d

First Unitarian Church 4700 Grover St.
Sanctuary December
Account Number 74488 00000

Read Date 12/10/2015 1/12/2016

Solar PV Read Total Generation in KWh 4240

**COSTS UNDER
CURRENT RATES**

Read Date:	Consumption	Demand	Power
12/10/2015 1/12/2016	KWH	Usage	Factor
Delivered in KWh			
ON Peak 2734		69.6	0.83
Off Peak 1870		75.6	0.85
Received in KWh			
ON Peak 50		69.6	0.83
Off Peak 4		75.6	0.85
Net Read			
ON Peak 2684		34.7	0.86
Off Peak 1866		37.8	0.93

Rate= Electric Commercial Secondary voltage >50kW

Fixed & Mixed	Customer Charge	\$65.00		
	Community Benefit Charges	\$15.06		
			\$80.06	8.1%
Demand	Electric Delivery 34.70 kW at \$4.50/kW	\$156.15		
	Demand Charge 34.70 kW at \$6.85 per kW (winter)	\$237.70		
	Regulatory Charges 34.70 kW at \$4.43 per kW	\$153.72		
			\$547.57	55.2%
Usage	Energy Charge 4,550 kWh at \$0.01747 per kWh (winter)	\$79.49		
	Green Choice Batch 6 4,550KWh @ \$0.057 per KWh	\$259.35		
	Power Supply Adjustment 000 kWh at \$0.03139 per kWh	N/A		
	Power Factor Adjustment below 90%	\$25.47		
			\$364.31	36.7%
	Summary of Current Charges		\$991.94	100.0%
	Total Sanctuary Discount		-\$398.12	
	Total Current Charges		\$593.82	

Calculating Sanctuary Discount
Current Charges/ KWh =
\$991.94 4550 \$0.21801
CAP Rate \$0.13051
Diff \$0.08750
4550 \$398.12

First Unitarian Church 4700 Grover St.
Sanctuary December
Account Number 74488 00000

With Proposed New Rates and no HOW Discount

Read Date 12/10/2015 1/12/2016

Solar PV Read Total Generation in KWh 4240

Read Date:	Consumption	Demand	Power
12/10/2015 1/12/2016	KWH	Usage	Factor
Delivered in KWh			
ON Peak 2734		69.6	0.83
Off Peak 1870		75.6	0.85
Received in KWh			
ON Peak 50		69.6	0.83
Off Peak 4		75.6	0.85
Net Read			
ON Peak 2684		34.7	0.86
Off Peak 1866		37.8	0.93

Old Rate New Rate Rate= Electric Commercial Secondary voltage >50kW

\$65.00	\$27.50	Fixed & Mixed	Customer Charge	\$27.50
			Community Benefit Charges	\$17.24
\$4.50	\$4.00	Demand	Electric Delivery 37.8 kW at \$4.00/kW	\$151.20
\$6.85	\$5.75		Demand Charge 37.8 kW at \$5.75 per kW (winter)	\$217.35
\$4.43	\$3.24		Regulatory Charges 37.8 at \$3.24 per kW	\$122.47
\$0.01747	\$0.02421	Usage	Energy Charge 4,550 kWh at \$0.02421 per kWh (winter)	\$110.16
\$0.05700	\$0.05700		Green Choice Batch 6 4,550KWh @ \$0.057 per KWh	\$259.35
\$0.03139	\$0.03124		Power Supply Adjustment 000 kWh at \$0.03139 per kWh	N/A
			Power Factor Adjustment below 90%	\$25.47
			Summary of Current Charges	
			Total Sanctuary Discount	
			Total Current Charges	

Old Rate New Rate

CBC = Community Benefit Charges - Three parts

0.00068	0.00145	SAL = Service Area Lighting	Rate/KWh
0.00198	0.00246	ESS = Energy Efficiency Services	Rate/KWh
0.00597	0.00597	CAP = Community Assistance Program	Set by Policy
0.00863	0.00988		
Diff.	0.00125	15.06 current CBC \$\$	
% incr.	14.5%	4550 current KWh	
		0.00331 current CBC rate	
		-0.00266 old SAL + EES Rates	
		0.00597 Derived CAP	

Net Bill Bef
Net Bill Aft
Higher De

Attachment 3-1d

**COSTS UNDER PROPOSED
NEW RATES**

	With New Rate			With New Rate
	% of Actual			\$27.50
		\$15.06	1.145	\$17.24
\$44.74	4.8%			\$44.74
		37.8	\$4.00	\$151.20
		37.8	\$5.75	\$217.35
		37.8	\$3.24	\$122.47
\$491.02	52.8%			\$491.02
		4550	\$0.02421	\$110.16
		4550	\$0.05700	\$259.35
		4550	\$0.03124	\$0.00
		4550		25.47
\$394.98	42.4%			\$394.98
\$930.74	100.0%			\$930.74
\$0.00				\$0.00
\$930.74				\$930.74
		% Diff. Between		
		Jan 2016 Bill		
ore Rate Chg.	\$593.82	\$0.00	0.0%	Both
er Rate Chg.				Dual KW
mand + nop Cap.	\$930.74	\$336.92	56.7%	& no CAP Rate



DEC

FIRST UNITARIAN

PowerLink Number: 7448800423

4700 GROVER AVE

**ELECTRIC SERVICE****Meter # 2501996**

Read Date	12/10/2015	01/12/2016	Generation
Solar PV Read	15002	15850	848
Total Generation in KWH			4240

Meter # 2005985

Read Date	On Peak	Mid Peak	Off Peak
Delivered Read 12/10/15	38050	0	18961
Delivered Read 01/12/16	40784	0	20831
Total Delivered in kWh	2734	0	1870
Received Read 12/10/15	113	0	16
Received Read 01/12/16	163	0	20
Total Received in kWh	50	0	4
Net Read 12/10/15	37937	0	18945
Net Read 01/12/16	40621	0	20811
Total Net in kWh	2684	0	1866
Demand Usage	34.70	0.00	37.80
Power Factor	0.86	0.00	0.93

COA - Electric Commercial Secondary Voltage >50kW - Sanctuary Only

Customer Charge	\$65.00
Electric Delivery 34.70 kW at \$4.50 per kW	\$156.15
Demand Charge 34.70 kW at \$6.85 per kW (winter)	\$237.70
Energy Charge 4,550 kWh at \$0.01747 per kWh (winter)	\$79.49
Community Benefit Charges	\$15.06
Regulatory Charges 34.70 kW at \$4.43 per kW	\$153.72
GreenChoice Batch 6 4,550 kWh at \$0.057 per kWh	\$259.35
Power Factor Adjustment Below 90%	\$25.47
Summary of Current Charges	\$991.94
Total Sanctuary Discount	-\$398.12
Total Current Charges	\$593.82
Commercial Sales Tax	
Taxable Amount	\$593.82
TOTAL CURRENT CHARGES	\$593.82

Want to save money on your electric bill? Visit austinenenergy.com for information on our rebate programs and energy saving tips.

Attachment 3-1e

First Unitarian Church 4700 Grover St.
Sanctuary July
Account Number 74488 00000

Read Date 7/13/2015 8/12/2015

Solar PV Read Total Generation in KWh 8495

**COSTS UNDER
CURRENT RATES**

Read Date:	7/13/2015	8/12/2015	Consumption KWH	Demand Usage	Power Factor
Delivered in KWh					
ON Peak	24139				
Off Peak	10214				
Received in KWh					
ON Peak	0				
Off Peak	2				
Net Read					
ON Peak	24139			112	0.89
Off Peak	10212			144	0.87

Rate= Electric Commercial Secondary voltage >50kW

Fixed & Mixed	Customer Charge			% of Actual
	Community Benefit Charges	\$65.00		
		\$139.81		
			\$204.81	4.4%
Demand	Electric Delivery 112.0 kW at \$4.50/kW	\$504.00		
	Demand Charge 112.0 kW at \$7.85 per kW (summer)	\$879.20		
	Regulatory Charges 112.0 kW at \$2.60 per kW	\$291.20		
			\$1,674.40	36.2%
Usage	Energy Charge 34,351 kWh at \$0.02247 per kWh (summer)	\$771.87		
	Green Choice Batch 6 34,351KWh @ \$0.057 per KWh	\$1,958.01		
	Power Supply Adjustment 000 kWh at \$0.03139 per kWh	N/A		
	Power Factor Adjustment below 90%	\$18.81		
			\$2,748.69	59.4%
	Summary of Current Charges		\$4,627.90	100.0%
	Total Sanctuary Discount		-\$41.01	

Total Current Charges \$4,586.89

Green Choice Batch 6 34,351KWh @ \$0.057 per KWh

this is a charge for using some wind power - special Program

Calculating Sanctuary Discount				Calculating Sanctuary Discount			
Current Charges/ KWh =				Current Charges/ KWh =			
\$4,627.90	34351	\$0.13472		\$4,627.90	34351	\$0.13472	
CAP Rate		\$0.13353		CAP Rate		\$0.13051	
Diff		\$0.00119		Diff		\$0.00421	
	34351	\$41.01			34351	\$144.75	

CAP Rate \$0.13353 CAP Rate \$0.13051
Discount seems to change in summer.

First Unitarian Church 4700 Grover St.
Sanctuary July
Account Number 74488 00000

With Proposed New Rates and no HOW Discount

Read Date 7/13/2015 8/12/2015

Solar PV Read Total Generation in KWh 8495

Read Date:	7/13/2015	8/12/2015	Consumption KWH	Demand Usage	Power Factor
Delivered in KWh					
ON Peak	24139				
Off Peak	10214				
Received in KWh					
ON Peak	0				
Off Peak	2				
Net Read					
ON Peak	24139			112	0.89
Off Peak	10212			144	0.87

Old Rate	New Rate	Rate= Electric Commercial Secondary voltage >50kW	Rate = Non-Residential Secondary Voltage Service 2 (S2) - From 10KW to less than
\$65.00	\$27.50	Fixed & Mixed	Customer Charge
			Community Benefit Charges
\$4.50	\$4.00	Demand	Electric Delivery 144.0 kW at \$4.00/kW
\$7.85	\$5.75		Demand Charge 144.0 kW at \$5.75 per kW (winter)
\$2.60	\$3.24		Regulatory Charges 144.0 at \$3.24 per kW
\$0.02247	\$0.02421	Usage	Energy Charge 34,351 kWh at \$0.02421 per kWh (winter)
\$0.05700	\$0.05700		Green Choice Batch 6 34,351KWh @ \$0.057 per KWh
\$0.03945	\$0.03124		Power Supply Adjustment 000 kWh at \$0.03139 per kWh
			Power Factor Adjustment below 90%

Summary of Current Charges
Total Sanctuary Discount

Total Current Charges

Old Rate	New Rate		
		CBC = Community Benefit Charges - Three parts	
0.00068	0.00145	SAL = Service Area Lighting	Rate/KWh
0.00198	0.00246	ESS = Energy Efficiency Services	Rate/KWh
0.00673	0.00673	CAP = Community Assistance Program	Set by Policy
0.00939	0.01064		
Diff.	0.00125	139.81 current CBC \$\$	
% incr.	13.3%	34351 current KWh	
		0.00407 current CBC rate	
		-0.00266 old SAL + EES Rates	
		0.00673 Derived CAP	

Attachment 3-1e
 First Unitarian Church 4700 Grover St.
 Sanctuary July
 Account Number 74488 00000

**COSTS UNDER PROPOSED
NEW RATES**

	% of Net Cost	With New Rate % of Actual		With New Rate
1300KW				
\$27.50				\$27.50
\$160.08			\$139.81 1.145	\$160.08
\$187.58		3.9%		\$187.58
\$576.00			144 \$4.00	\$576.00
\$828.00			144 \$5.75	\$828.00
\$468.56			144 \$3.24	\$466.56
\$1,872.56		38.5%		\$1,870.56
\$831.64			34351 \$0.02421	\$831.64
\$1,958.01			34351 \$0.05700	\$1,958.01
N/A			34351 \$0.03124	\$0.00
\$18.81				18.81
\$2,808.46		57.7%		\$2,808.45
\$4,868.60		100.0%		\$4,866.60
\$0.00				\$0.00
\$4,868.60				\$4,866.60
		% Diff. Between Jan 2016 Bill	Both Dual KW & no CAP Rate	
Net Bill Before Rate Chg.	\$4,586.89	\$0.00 0.0%		
Net Bill After Rate Chg.				
Higher Demand + nop Cap.	\$4,866.60	\$279.71 6.1%		



JULY

FIRST UNITRIAN
PowerLink Number: 7448800423
4700 GROVER AVE

**ELECTRIC SERVICE**

Meter # 2005985

Read Date	On Peak	Mid Peak	Off Peak
Delivered Read 07/13/15	76	0	34
Delivered Read 08/12/15	24215	0	10248
Total Delivered in kWh	24139	0	10214
Received Read 07/13/15	0	0	0
Received Read 08/12/15	0	0	2
Total Received in kWh	0	0	2
Net Read 07/13/15	76	0	34
Net Read 08/12/15	24215	0	10248
Total Net in kWh	24139	0	10212
Demand Usage	112.00	0.00	144.00
Power Factor	0.89	1.00	0.87

Meter # 2501996

Read Date	07/13/2015	08/12/2015	Generation
Solar PV Read	8741	10440	1699
Total Generation in KWH			8495

COA - Electric Commercial Secondary Voltage >50kW - Sanctuary Only

Customer Charge	\$65.00
Electric Delivery 112.00 kW at \$4.50 per kW	\$504.00
Demand Charge 112.00 kW at \$7.85 per kW (summer)	\$879.20
Energy Charge 34,351 kWh at \$0.02247 per kWh (summer)	\$771.87
Community Benefit Charges	\$139.81
Regulatory Charges 112.00 kW at \$2.60 per kW	\$291.20
GreenChoice Batch 6 34,351 kWh at \$0.057 per kWh	\$1,958.01
Power Factor Adjustment Below 90%	\$18.81
Summary of Current Charges	\$4,627.90
Total Sanctuary Discount	-\$41.01
Total Current Charges	\$4,586.89
Commercial Sales Tax	
Taxable Amount	\$4,586.89
TOTAL CURRENT CHARGES	\$4,586.89

Want to save money on your electric bill? Visit austineenergy.com for information on our rebate programs and energy saving tips.