

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

**AUSTIN ENERGY'S RESPONSE TO AE LOW INCOME CUSTOMERS'
SEVENTH REQUEST FOR INFORMATION**

Austin Energy ("AE") files this Response to AE Low Income Customers' ("AELIC") Seventh Request for Information submitted on March 30, 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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ATTORNEYS FOR AUSTIN ENERGY

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 11th day of April, 2016, in accordance with the City of Austin Procedural Rules for the Initial Review of Austin Energy's Rates.

THOMAS L. BROCATO

AELIC 7-1 In your response to AELIC 3rd RFI, No. 3-7, AE responded that it “does not support bonds with bonds.” By this answer are you stating that AE has incurred debt financed by bonds to fund its non-utility operations; in other words, “Debt Issues by Series” referenced in your response to AELIC No. 3-7(A) refers to bonds used, in whole or in part, to fund non-utility operations, correct?

ANSWER:

No. Austin Energy does not use debt to support any of its operating expenses. Austin Energy has incurred debt financed by bonds to fund non-utility capital improvements.

Prepared by: BE
Sponsored by: Mark Dombroski

AELIC 7-2 If the answer to RFI No. 7-1 is yes, has AE pledged its revenues, including its regulated revenues, to payment of the bonds issued, in whole or in part, to fund non-utility operations?

ANSWER:

Not applicable.

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-3 Does AE report its revenues realized and expenses incurred for its non-utility operations to members of the financial community such as Moody's Investors Service?

ANSWER:

Yes. Please see AE's Response to AELIC RFI No. 3-7 (D).

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-4 If the answer to RFI No. 7-3 is yes, does AE identify these revenues and expenses (including expenses related to its debt incurred to fund non-utility operations such as debt service) as non-utility operation revenues and expenses in its reporting of its operations to members of the financial community such as Moody's Investors Service?

ANSWER:

Yes.

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-5 What is the amount of non-utility debt AE excluded from its TY 2014 COS?
Please identify where that adjustment can be found in AE's COS.

ANSWER:

Please see AE's Response to AELIC RFI No. 3-7 (E) and (F).

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-6 For each bond issuance identified in your response to AELIC 3rd RFI, No. 3-7, please provide the associated interest rate, the sinking fund requirement for the current and any future sinking fund requirement.

ANSWER:

2012B

Average interest/cost rate 3.226769%

Principal and Interest requirements for FY16 - 21,298,404.10 (current sinking fund requirement)

Principal and Interest Requirements for FY17-FY27 - \$110,887,211.75 (future sinking fund requirement)

2015B

Average interest/cost rate 2.247936%

Principal and Interest requirements for FY16 - \$2,263,753.27 (current sinking fund requirement)

Principal and Interest Requirements for FY17-FY38 - \$109,296,574.58 (future sinking fund requirement)

Prepared by: MG
Sponsored by: Mark Dombroski

AELIC 7-7 Other than the issuances referred to in your response to AELIC RFI No. 3-7 to you, has AE incurred any other type of debt related to its non-utility operations since TY 2009 up to FY 2015?

ANSWER:

No.

Prepared by: MG
Sponsored by: Mark Dombroski

AELIC 7-8 If the answer to RFI No. 7-7 is yes, please list each type of debt and for each debt state:

- A. The amount of interest; and
- B. The amount of time to repay (i.e. the term of the debt instrument).

ANSWER:

Not applicable.

Prepared by: MG
Sponsored by: Mark Dombroski

AELIC 7-9 Does any of the residential base rate revenue amounts identified at WP G-10.2, Column (B), Bates Stamp p. 1005 include revenues AE realized from the CAP charge (See "Outflow of CAP Funds", line 24, Schedule H-5.2, Bates Stamp p. 1070)? Please provide workpapers supporting your answer. If the answer is yes, please identify where in the COS the adjustment to the base rate revenues were made to add in the CAP rate-funded revenues.

ANSWER:

No. Please see WP H-5.1 in the RFP.

Prepared by: GR
Sponsored by: Mark Dombroski

AELIC 7-10 Please provide all of the workpapers supporting the calculation of the \$257,323,175 amount of residential base rates identified at WP G-10.2, Bates Stamp p. 1005, including workpapers for all of the billing adjustments AE made and such other adjustments to residential kWh usage in the TY2014 and/or to revenues that were utilized to derive its TY 2014 base rate revenues.

ANSWER:

The \$257,323,175 in base rate revenue under current rates shown on WP G-10.2 can be calculated by adding line number 14 and 57 in columns C and F on WP H-5.1 and then multiplying that result by (1-0.47%). Amounts on line number 14 and 57 reflect the customer charges and energy charges for residential customers inside and outside the City Limits and the - 0.47% reflects the billing adjustment factor developed on WP G-10.1.1.

The billing units shown in columns A and D on WP H-5.1 for customers inside and outside the City Limits are normalized for weather and customer count. Attachment 1 shows the adjustments from FY 2014 Actual billing data to normalized Test Year 2014 billing data.

Attachment 1: Residential Billing Units

Prepared by: GR
Sponsored by: Mark Dombroski

Residential Billing Units

		Actuals	Actuals	Adjust Actuals to Model Normalized for		Normalized for	Normalized for	Adjust Billing Cycle Data to Align with		Normalized for	Normalized for
		Inside COA	Outside COA	Weather & Year End Customers		Weather and Year	Weather and Year	UPLAN Production Run		Weather and Year	Weather and Year
		Units	Units	Inside COA		Inside COA	Outside COA	Inside COA		Inside COA	Outside COA
No.	Description	(A)	(B)	Units	Units	Units	Units	Units	Units	Units	Units
		(A)	(B)	(C - A)	(D - B)	(C)	(D)	(E - C)	(F - D)	(E)	(F)
1											
2	Customer Months										
3	Residential	3,598,288	578,028	(54,784)	(1,896)	3,543,504	576,132	-	-	3,543,504	576,132
4	Customer Assistance Program (CAP)	374,121	41,392	81,435	9,632	455,556	51,024	-	-	455,556	51,024
5											
6	Total Customer Charge	3,972,409	619,420	26,651	7,736	3,999,060	627,156	-	-	3,999,060	627,156
7											
8											
9	Residential - Summer										
10	0-500 kWh	553,740,551	93,208,085	29,211,076	4,946,918	582,951,627	98,155,003	(13,295,225)	(2,238,595)	569,656,403	95,916,407
11	500-1000 kWh	387,515,242	82,630,523	19,452,637	4,307,155	406,967,879	86,937,678	(9,281,610)	(1,982,765)	397,686,269	84,954,913
12	1000-1500 kWh	196,141,558	62,965,217	9,185,395	3,179,204	205,326,953	66,144,421	(4,682,838)	(1,508,538)	200,644,115	64,635,882
13	1500-2500 kWh	119,241,165	70,710,165	5,278,139	3,437,961	124,519,304	74,148,126	(2,839,879)	(1,691,077)	121,679,425	72,457,049
14	>2500 kWh	41,396,905	64,888,243	1,834,192	3,033,761	43,231,097	67,922,004	(985,960)	(1,549,079)	42,245,137	66,372,924
15	Subtotal-Summer	1,298,035,421	374,402,233	64,961,440	18,904,998	1,362,996,861	393,307,231	(31,085,511)	(8,970,055)	1,331,911,350	384,337,176
16											
17	Residential - Non-Summer										
18	0-500 kWh	1,018,971,747	180,739,965	(35,537,532)	(6,092,614)	983,434,215	174,647,351	(22,428,926)	(3,983,136)	961,005,289	170,664,215
19	500-1000 kWh	436,705,516	126,807,468	(20,426,614)	(4,903,407)	416,278,902	121,904,061	(9,493,964)	(2,780,234)	406,784,938	119,123,827
20	1000-1500 kWh	147,998,343	77,580,245	(9,416,103)	(3,777,172)	138,582,240	73,803,073	(3,160,609)	(1,683,207)	135,421,631	72,119,866
21	1500-2500 kWh	77,423,361	78,208,541	(5,624,182)	(4,680,642)	71,799,179	73,527,899	(1,637,505)	(1,676,931)	70,161,674	71,850,968
22	>2500 kWh	29,612,109	61,805,705	(1,925,249)	(4,136,905)	27,686,860	57,668,800	(631,447)	(1,315,237)	27,055,413	56,353,563
23	Subtotal-Non-Summer	1,710,711,076	525,141,924	(72,929,681)	(23,590,739)	1,637,781,395	501,551,185	(37,352,450)	(11,438,746)	1,600,428,945	490,112,439
24											
25	Total Residential Standard kWh	3,008,746,497	899,544,157	(7,968,241)	(4,685,741)	3,000,778,256	894,858,416	(68,437,962)	(20,408,801)	2,932,340,294	874,449,615
26											
27	Residential CAP - Summer										
28	0-500 kWh	73,572,795	8,294,532	(7,804,934)	(880,829)	65,767,861	7,413,703	(1,499,950)	(169,082)	64,267,910	7,244,621
29	500-1000 kWh	56,601,294	7,644,769	(6,139,280)	(818,206)	50,462,014	6,826,563	(1,150,874)	(155,692)	49,311,140	6,670,872
30	1000-1500 kWh	31,068,477	5,789,458	(3,498,094)	(632,545)	27,570,383	5,156,913	(628,790)	(117,612)	26,941,592	5,039,301
31	1500-2500 kWh	17,472,250	4,916,425	(2,054,627)	(553,721)	15,417,623	4,362,704	(351,626)	(99,499)	15,065,997	4,263,205
32	>2500 kWh	2,496,140	1,481,163	(298,926)	(172,168)	2,197,214	1,308,995	(50,111)	(29,854)	2,147,102	1,279,141
33	Subtotal-Summer	181,210,956	28,126,347	(19,795,862)	(3,057,468)	161,415,094	25,068,879	(3,681,352)	(571,739)	157,733,742	24,497,140
34											
35	Residential CAP - Non-Summer										
36	0-500 kWh	97,585,340	11,761,371	11,046,532	1,307,660	108,631,872	13,069,031	(2,477,539)	(298,062)	106,154,333	12,770,969
37	500-1000 kWh	46,300,008	8,434,883	5,959,339	987,291	52,259,347	9,422,174	(1,191,865)	(214,889)	51,067,482	9,207,285
38	1000-1500 kWh	15,665,332	4,676,716	2,251,664	574,416	17,916,996	5,251,132	(408,628)	(119,761)	17,508,367	5,131,371
39	1500-2500 kWh	6,921,925	3,525,883	1,027,302	458,228	7,949,227	3,984,111	(181,296)	(90,865)	7,767,931	3,893,247
40	>2500 kWh	1,234,422	1,227,803	194,586	168,206	1,429,008	1,396,009	(32,591)	(31,838)	1,396,417	1,364,171
41	Subtotal-Non-Summer	167,707,027	29,626,656	20,479,422	3,495,802	188,186,449	33,122,458	(4,291,919)	(755,415)	183,894,530	32,367,043
42											
43	Total Residential CAP kWh	348,917,983	57,753,003	683,559	438,335	349,601,542	58,191,338	(7,973,271)	(1,327,155)	341,628,272	56,864,183
44											
45	Total STD & CAP kWh	3,357,664,480	957,297,160	(7,284,682)	(4,247,406)	3,350,379,798	953,049,754	(76,411,232)	(21,735,955)	3,273,968,566	931,313,798
46											
47	Reference 1	count_sum_in	count_sum_out								
48	Reference 2	kwh_sum_in	kwh_sum_out	kwh_sum_in	kwh_sum_out						
49	Reference 3			Normalize	Normalize						

kwh_sum_in

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total	
2	Inside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Inside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Inside	STD	1	50	39,363	72,619	80,257	65,789	76,739	84,028	77,619	71,130	52,177	40,491	34,988	27,950	723,150
5	Inside	STD	51	100	175,626	368,522	342,991	327,321	355,354	401,605	443,233	347,326	238,143	191,147	161,047	117,928	3,470,243
6	Inside	STD	101	250	2,492,941	6,511,819	5,335,419	4,745,424	5,881,339	7,114,530	7,499,664	5,252,718	2,830,393	1,833,552	1,556,246	1,281,052	52,335,097
7	Inside	STD	251	500	21,547,602	38,798,771	32,155,674	27,968,325	32,543,850	37,161,466	40,013,628	32,618,055	19,964,544	12,606,388	11,050,165	10,083,840	316,512,308
8	Inside	STD	501	750	46,217,039	49,415,082	43,855,986	40,698,395	40,684,502	42,557,679	45,459,118	48,241,716	41,877,015	31,764,750	29,007,540	27,484,185	487,263,007
9	Inside	STD	751	1000	54,017,201	35,458,859	38,156,191	38,512,119	35,485,478	32,325,556	31,133,319	39,931,276	49,991,365	47,494,021	44,320,868	43,529,998	490,356,251
10	Inside	STD	1001	1250	46,019,507	20,527,905	29,235,322	31,937,446	28,792,472	22,838,679	18,040,926	25,796,087	44,014,642	52,119,321	52,317,669	51,842,029	423,482,005
11	Inside	STD	1251	1500	31,755,127	11,273,561	21,484,705	26,064,911	22,713,194	15,042,846	9,839,108	14,934,547	32,365,717	47,337,061	49,770,333	51,681,286	334,262,396
12	Inside	STD	1501	1750	20,144,786	6,653,188	15,605,788	21,045,255	17,154,156	9,427,311	5,556,222	8,654,008	21,745,680	36,821,627	42,183,367	44,339,445	249,330,833
13	Inside	STD	1751	2000	12,606,329	3,968,745	10,892,946	16,345,257	12,450,788	5,769,005	3,322,255	5,190,624	14,155,453	26,697,481	31,755,098	34,646,520	177,800,501
14	Inside	STD	2001	2500	12,849,885	4,092,228	12,495,708	21,546,524	14,767,488	5,968,313	3,477,537	5,603,015	15,731,281	31,318,318	39,249,390	44,002,005	211,101,692
15	Inside	STD	2501	3000	5,832,361	2,061,636	5,944,645	11,462,135	7,265,838	2,747,196	1,770,720	2,750,401	7,133,105	14,727,026	19,541,520	21,994,324	103,230,907
16	Inside	STD	3001	3500	2,990,983	1,253,153	3,176,054	6,203,906	3,667,784	1,550,312	1,032,974	1,648,131	4,012,845	7,427,682	10,005,635	11,482,998	54,452,457
17	Inside	STD	3501	4000	1,909,287	670,051	1,832,795	3,402,288	2,027,647	814,083	652,425	902,937	2,343,249	4,101,903	5,429,991	6,541,995	30,628,651
18	Inside	STD	4001	9999999	5,080,888	2,384,114	4,408,909	7,963,857	4,837,879	2,488,405	2,057,783	2,915,532	5,760,188	9,639,388	12,312,413	13,947,643	73,796,999
19					263,678,925	183,510,253	225,003,390	258,288,952	228,704,508	186,291,014	170,376,531	194,857,503	262,215,797	324,120,156	348,696,270	363,003,198	3,008,746,497
20																	
21	Inside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Inside	STD	1	500	24,255,532	45,751,731	37,914,341	33,106,859	38,857,282	44,761,629	48,034,144	38,289,229	23,085,257	14,671,578	12,802,446	11,510,770	373,040,798
23	Inside	STD	501	1000	100,234,240	84,873,941	82,012,177	79,210,514	76,169,980	74,883,235	76,592,437	88,172,992	91,868,380	79,258,771	73,328,408	71,014,183	977,619,258
24	Inside	STD	1001	1500	77,774,634	31,801,466	50,720,027	58,002,357	51,505,666	37,881,525	27,880,034	40,730,634	76,380,359	99,456,382	102,088,002	103,523,315	757,744,401
25	Inside	STD	1501	2500	45,601,000	14,714,161	38,994,442	58,937,036	44,372,432	21,164,629	12,356,014	19,447,647	51,632,414	94,837,426	113,187,855	122,987,970	638,233,026
26	Inside	STD	2501	9999999	15,813,519	6,368,954	15,362,403	29,032,186	17,799,148	7,599,996	5,513,902	8,217,001	19,249,387	35,895,999	47,289,559	53,966,960	262,109,014
27																	
28					263,678,925	183,510,253	225,003,390	258,288,952	228,704,508	186,291,014	170,376,531	194,857,503	262,215,797	324,120,156	348,696,270	363,003,198	3,008,746,497
29																	
30	In/Out	Type	kWh Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total	
31	Inside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Inside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Inside	CAP	1	50	1,099	1,980	2,921	1,891	2,735	3,785	3,235	2,634	2,356	1,110	953	1,123	25,822
34	Inside	CAP	51	100	8,075	15,974	13,580	11,555	15,224	24,128	24,517	21,680	11,832	9,267	8,189	5,396	169,417
35	Inside	CAP	101	250	134,769	363,535	309,046	273,372	386,469	602,684	592,445	451,733	221,596	132,585	104,630	90,794	3,663,658
36	Inside	CAP	251	500	1,258,292	2,694,539	2,248,294	1,923,835	2,454,927	3,680,780	3,842,449	3,622,158	1,910,293	1,124,982	961,628	859,561	26,581,738
37	Inside	CAP	501	750	3,327,622	4,309,831	3,534,961	3,131,458	3,291,481	4,774,723	5,521,030	6,579,685	4,844,576	3,373,489	2,993,941	2,785,884	48,468,681
38	Inside	CAP	751	1000	4,524,275	3,474,653	3,253,500	3,102,558	3,006,913	3,917,348	4,267,343	6,591,627	7,143,583	5,886,699	5,377,098	5,315,524	55,861,121
39	Inside	CAP	1001	1250	4,443,104	2,202,324	2,667,707	2,827,521	2,604,634	2,997,995	2,697,597	4,650,729	7,348,716	7,374,283	7,131,927	6,909,651	53,856,188
40	Inside	CAP	1251	1500	3,254,633	1,200,655	2,107,500	2,414,800	2,210,207	2,161,711	1,408,153	2,745,062	5,772,783	7,489,370	7,760,226	7,832,521	46,357,621
41	Inside	CAP	1501	1750	2,018,982	604,477	1,653,117	2,055,989	1,732,893	1,340,893	646,566	1,309,802	3,972,228	6,430,099	6,936,393	7,220,758	35,922,197
42	Inside	CAP	1751	2000	1,143,898	267,855	1,168,714	1,741,652	1,437,947	809,975	345,814	711,658	2,651,376	4,927,730	5,591,408	5,861,660	26,659,687
43	Inside	CAP	2001	2500	1,095,573	207,447	1,335,052	2,385,819	1,582,799	682,456	249,588	558,459	2,281,209	5,498,201	6,764,641	7,450,047	30,091,291
44	Inside	CAP	2501	3000	304,787	64,502	655,584	1,195,447	722,882	208,247	95,573	155,211	634,064	2,106,997	2,968,329	3,263,608	12,375,231
45	Inside	CAP	3001	3500	99,190	22,291	229,677	628,139	338,211	77,638	25,436	51,268	228,355	657,961	1,067,500	1,351,541	4,777,207
46	Inside	CAP	3501	4000	40,860	15,338	89,522	287,163	147,637	37,332	14,535	59,842	108,228	300,357	305,866	453,414	1,860,094
47	Inside	CAP	4001	9999999	127,702	14,240	121,186	283,129	142,166	63,237	77,878	26,072	287,890	279,026	320,909	504,595	2,248,030
48					21,782,861	15,459,641	19,390,361	22,264,328	20,077,125	21,382,932	19,812,159	27,537,620	37,419,085	45,592,156	48,293,638	49,906,077	348,917,983
49																	
50	Inside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Inside	CAP	1	500	1,402,235	3,076,028	2,573,841	2,210,653	2,859,355	4,311,377	4,462,646	4,098,205	2,146,077	1,267,944	1,075,400	956,874	30,440,635
52	Inside	CAP	501	1000	7,851,897	7,784,484	6,788,461	6,234,016	6,298,394	8,692,071	9,788,373	13,171,312	11,988,159	9,260,188	8,371,039	8,101,408	104,329,802

kwh_sum_in

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh Boundary		Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total
53	Inside	CAP	1001	1500	7,697,737	3,402,979	4,775,207	5,242,321	4,814,841	5,159,706	4,105,750	7,395,791	13,121,499	14,863,653	14,892,153	14,742,172	100,213,809
54	Inside	CAP	1501	2500	4,258,453	1,079,779	4,156,883	6,183,460	4,753,639	2,833,324	1,241,968	2,579,919	8,904,813	16,856,030	19,292,442	20,532,465	92,673,175
55	Inside	CAP	2501	999999	572,539	116,371	1,095,969	2,393,878	1,350,896	386,454	213,422	292,393	1,258,537	3,344,341	4,662,604	5,573,158	21,260,562
56																	
57					21,782,861	15,459,641	19,390,361	22,264,328	20,077,125	21,382,932	19,812,159	27,537,620	37,419,085	45,592,156	48,293,638	49,906,077	348,917,983
58																	
59	Inside	STD	0	0													
60	Inside	STD	1	500	24,255,532	45,751,731	37,914,341	33,106,859	38,857,282	44,761,629	48,034,144	38,289,229	23,085,257	14,671,578	12,802,446	11,510,770	
61	Inside	STD	501	1000													
62	Inside	STD	1001	1500													
63	Inside	STD	1501	2500													
64	Inside	STD	2501	999999													
65																	
66	Inside	STD	0	0													
67	Inside	STD	1	500	68,131,000	60,915,000	57,715,000	55,217,500	53,613,500	53,488,000	55,335,000	62,307,500	62,349,500	52,411,000	48,386,000	46,666,000	
68	Inside	STD	501	1000	32,103,240	23,958,941	24,297,177	23,993,014	22,556,480	21,395,235	21,257,437	25,865,492	29,518,880	26,847,771	24,942,408	24,348,183	
69	Inside	STD	1001	1500													
70	Inside	STD	1501	2500													
71	Inside	STD	2501	999999													
72																	
73	Inside	STD	0	0													
74	Inside	STD	1	500	32,327,500	13,421,500	21,001,000	23,869,500	21,217,500	15,799,000	11,770,000	17,119,500	31,613,000	40,595,000	41,523,000	41,990,500	
75	Inside	STD	501	1000	32,327,500	13,421,500	21,001,000	23,869,500	21,217,500	15,799,000	11,770,000	17,119,500	31,613,000	40,595,000	41,523,000	41,990,500	
76	Inside	STD	1001	1500	13,119,634	4,958,466	8,718,027	10,263,357	9,070,666	6,283,525	4,340,034	6,491,634	13,154,359	18,266,382	19,042,002	19,542,315	
77	Inside	STD	1501	2500													
78	Inside	STD	2501	999999													
79																	
80	Inside	STD	0	0													
81	Inside	STD	1	500	12,550,000	4,060,500	10,582,500	15,755,500	11,999,000	5,831,500	3,400,500	5,354,500	14,117,000	25,650,500	30,427,000	32,941,000	
82	Inside	STD	501	1000	12,550,000	4,060,500	10,582,500	15,755,500	11,999,000	5,831,500	3,400,500	5,354,500	14,117,000	25,650,500	30,427,000	32,941,000	
83	Inside	STD	1001	1500	12,550,000	4,060,500	10,582,500	15,755,500	11,999,000	5,831,500	3,400,500	5,354,500	14,117,000	25,650,500	30,427,000	32,941,000	
84	Inside	STD	1501	2500	7,951,000	2,532,661	7,246,942	11,670,536	8,375,432	3,670,129	2,154,514	3,384,147	9,281,414	17,885,926	21,906,855	24,164,970	
85	Inside	STD	2501	999999													
86																	
87	Inside	STD	0	0													
88	Inside	STD	1	500	2,248,000	871,500	2,239,000	4,272,500	2,619,000	1,081,000	752,000	1,136,000	2,758,500	5,282,500	6,980,000	7,980,000	
89	Inside	STD	501	1000	2,248,000	871,500	2,239,000	4,272,500	2,619,000	1,081,000	752,000	1,136,000	2,758,500	5,282,500	6,980,000	7,980,000	
90	Inside	STD	1001	1500	2,248,000	871,500	2,239,000	4,272,500	2,619,000	1,081,000	752,000	1,136,000	2,758,500	5,282,500	6,980,000	7,980,000	
91	Inside	STD	1501	2500	4,496,000	1,743,000	4,478,000	8,545,000	5,238,000	2,162,000	1,504,000	2,272,000	5,517,000	10,565,000	13,960,000	15,960,000	
92	Inside	STD	2501	999999	4,573,519	2,011,454	4,167,403	7,669,686	4,704,148	2,194,996	1,753,902	2,537,001	5,456,887	9,483,499	12,389,559	14,066,960	
93																	
94	Actuals																
95	Inside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Inside	STD	1	500	139,512,032	125,020,231	129,451,841	132,221,859	128,306,282	120,961,129	119,291,644	124,206,729	133,923,257	138,610,578	140,118,446	141,088,270	1,572,712,298
97	Inside	STD	501	1000	79,228,740	42,312,441	58,119,677	67,890,514	58,391,980	44,106,735	37,179,937	49,475,492	78,007,380	98,375,771	103,872,408	107,259,683	824,220,758
98	Inside	STD	1001	1500	27,917,634	9,890,466	21,539,527	30,291,357	23,688,666	13,196,025	8,492,534	12,982,134	30,029,859	49,199,382	56,449,002	60,463,315	344,139,901
99	Inside	STD	1501	2500	12,447,000	4,275,661	11,724,942	20,215,536	13,613,432	5,832,129	3,658,514	5,656,147	14,798,414	28,450,926	35,866,855	40,124,970	196,664,526
100	Inside	STD	2501	999999	4,573,519	2,011,454	4,167,403	7,669,686	4,704,148	2,194,996	1,753,902	2,537,001	5,456,887	9,483,499	12,389,559	14,066,960	71,009,014
101																	
102				Totals	263,678,925	183,510,253	225,003,390	258,288,952	228,704,508	186,291,014	170,376,531	194,857,503	262,215,797	324,120,156	348,696,270	363,003,198	3,008,746,497
103																	

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q		
1	In/Out	Type	kWh Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total			
104	Normalized - Weather & Year End Customers																		
105	Inside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
106	Inside	STD	1	500	130,717,938	139,202,336	102,520,298	119,669,457	114,958,755	117,446,456	124,856,962	134,062,013	146,145,330	147,660,769	146,725,632	142,419,896	1,566,385,842		
107	Inside	STD	501	1000	74,234,583	47,112,300	46,028,288	61,445,369	52,317,543	42,825,160	38,914,494	53,401,166	85,126,472	104,798,943	108,770,438	108,272,027	823,246,781		
108	Inside	STD	1001	1500	26,157,855	11,012,425	17,058,380	27,415,666	21,224,366	12,812,598	8,888,736	14,012,212	32,770,437	52,411,718	59,110,815	61,033,983	343,909,193		
109	Inside	STD	1501	2500	11,662,408	4,760,686	9,285,651	18,296,386	12,197,245	5,662,670	3,829,195	6,104,938	16,148,944	30,308,550	37,558,131	40,503,680	196,318,483		
110	Inside	STD	2501	999999	4,285,229	2,239,630	3,300,404	6,941,569	4,214,782	2,131,218	1,835,727	2,738,301	5,954,892	10,102,697	12,973,780	14,199,728	70,917,957		
111																			
112	Totals			247,058,012	204,327,376	178,193,021	233,768,447	204,912,691	180,878,102	178,325,114	210,318,630	286,146,075	345,282,677	365,138,795	366,429,313	3,000,778,256			
113																			
114																			
115	Inside	CAP	0	0															
116	Inside	CAP	1	500	1,402,235	3,076,028	2,573,841	2,210,653	2,859,355	4,311,377	4,462,646	4,098,205	2,146,077	1,267,944	1,075,400	956,874			
117	Inside	CAP	501	1000															
118	Inside	CAP	1001	1500															
119	Inside	CAP	1501	2500															
120	Inside	CAP	2501	999999															
121																			
122	Inside	CAP	0	0															
123	Inside	CAP	1	500	5,251,500	5,503,500	4,733,500	4,318,500	4,407,500	6,154,500	6,973,000	9,108,000	7,939,000	6,027,500	5,432,000	5,224,500			
124	Inside	CAP	501	1000	2,600,397	2,280,984	2,054,961	1,915,516	1,890,894	2,537,571	2,815,373	4,063,312	4,049,159	3,232,688	2,939,039	2,876,908			
125	Inside	CAP	1001	1500															
126	Inside	CAP	1501	2500															
127	Inside	CAP	2501	999999															
128																			
129	Inside	CAP	0	0															
130	Inside	CAP	1	500	3,184,500	1,434,500	1,970,000	2,149,500	1,973,500	2,138,500	1,735,000	3,104,500	5,390,000	6,022,500	6,006,500	5,932,500			
131	Inside	CAP	501	1000	3,184,500	1,434,500	1,970,000	2,149,500	1,973,500	2,138,500	1,735,000	3,104,500	5,390,000	6,022,500	6,006,500	5,932,500			
132	Inside	CAP	1001	1500	1,328,737	533,979	835,207	943,321	867,841	882,706	635,750	1,186,791	2,341,499	2,818,653	2,879,153	2,877,172			
133	Inside	CAP	1501	2500															
134	Inside	CAP	2501	999999															
135																			
136	Inside	CAP	0	0															
137	Inside	CAP	1	500	1,185,000	307,000	1,128,000	1,642,000	1,282,000	790,500	351,500	727,500	2,461,000	4,560,000	5,173,500	5,489,000			
138	Inside	CAP	501	1000	1,185,000	307,000	1,128,000	1,642,000	1,282,000	790,500	351,500	727,500	2,461,000	4,560,000	5,173,500	5,489,000			
139	Inside	CAP	1001	1500	1,185,000	307,000	1,128,000	1,642,000	1,282,000	790,500	351,500	727,500	2,461,000	4,560,000	5,173,500	5,489,000			
140	Inside	CAP	1501	2500	703,453	158,779	772,883	1,257,460	907,639	461,824	187,468	397,419	1,521,813	3,176,030	3,771,942	4,065,465			
141	Inside	CAP	2501	999999															
142																			
143	Inside	CAP	0	0															
144	Inside	CAP	1	500	87,000	19,000	182,500	385,000	222,500	61,500	26,500	53,500	183,000	564,500	798,000	923,000			
145	Inside	CAP	501	1000	87,000	19,000	182,500	385,000	222,500	61,500	26,500	53,500	183,000	564,500	798,000	923,000			
146	Inside	CAP	1001	1500	87,000	19,000	182,500	385,000	222,500	61,500	26,500	53,500	183,000	564,500	798,000	923,000			
147	Inside	CAP	1501	2500	174,000	38,000	365,000	770,000	445,000	123,000	53,000	107,000	366,000	1,129,000	1,596,000	1,846,000			
148	Inside	CAP	2501	999999	137,539	21,371	183,469	468,878	238,396	78,954	80,922	24,893	343,537	521,841	672,604	958,158			
149																			
150	Actuals																		
151	Inside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
152	Inside	CAP	1	500	11,110,235	10,340,028	10,587,841	10,705,653	10,744,855	13,456,377	13,548,646	17,091,705	18,119,077	18,442,444	18,485,400	18,525,874	171,158,135		
153	Inside	CAP	501	1000	7,056,897	4,041,484	5,335,461	6,092,016	5,368,894	5,528,071	4,928,373	7,948,812	12,083,159	14,379,688	14,917,039	15,221,408	102,901,302		
154	Inside	CAP	1001	1500	2,600,737	859,979	2,145,707	2,970,321	2,372,341	1,734,706	1,013,750	1,967,791	4,985,499	7,943,153	8,850,653	9,289,172	46,733,809		

kwh_sum_in

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total	
155	Inside	CAP	1501	2500	877,453	196,779	1,137,883	2,027,460	1,352,639	584,824	240,468	504,419	1,887,813	4,305,030	5,367,942	5,911,465	24,394,175
156	Inside	CAP	2501	999999	137,539	21,371	183,469	468,878	238,396	78,954	80,922	24,893	343,537	521,841	672,604	958,158	3,730,562
157																	
158	Totals			21,782,861	15,459,641	19,390,361	22,264,328	20,077,125	21,382,932	19,812,159	27,537,620	37,419,085	45,592,156	48,293,638	49,906,077	348,917,983	
159																	
160	Normalized - Weather & Year End Customers																
161	Inside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Inside	CAP	1	500	16,056,624	14,256,719	11,818,518	12,532,708	11,978,666	13,051,925	13,856,762	15,079,950	16,932,843	17,064,571	16,293,720	15,476,727	174,399,732
163	Inside	CAP	501	1000	10,198,699	5,572,354	5,955,628	7,131,696	5,985,394	5,361,916	5,040,452	7,013,208	11,292,090	13,305,351	13,148,434	12,716,139	102,721,361
164	Inside	CAP	1001	1500	3,758,611	1,185,729	2,395,113	3,477,244	2,644,752	1,682,567	1,036,804	1,736,175	4,659,104	7,349,703	7,801,295	7,760,280	45,487,379
165	Inside	CAP	1501	2500	1,268,104	271,317	1,270,145	2,373,472	1,507,960	567,246	245,937	445,047	1,764,220	3,983,392	4,731,504	4,938,506	23,366,849
166	Inside	CAP	2501	999999	198,773	29,466	204,794	548,898	265,770	76,581	82,762	21,963	321,046	482,853	592,858	800,456	3,626,221
167																	
168	Totals			31,480,811	21,315,585	21,644,198	26,064,017	22,382,543	20,740,235	20,262,716	24,296,343	34,969,303	42,185,871	42,567,811	41,692,108	349,601,542	
169																	
170	Grand Totals - Actuals			285,461,786	198,969,894	244,393,751	280,553,280	248,781,633	207,673,946	190,188,690	222,395,123	299,634,882	369,712,312	396,989,908	412,909,275	3,357,664,480	
171				0	0	0	0	0	0	0	0	0	0	0	0	0	0
172																	
173	Grand Totals - Normalized			278,538,823	225,642,962	199,837,219	259,832,464	227,295,234	201,618,337	198,587,830	234,614,974	321,115,378	387,468,548	407,706,606	408,121,421	3,350,379,798	

kwh_sum_out

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total	
2	Outside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Outside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	Outside	STD	1	50	5,422	6,003	5,593	5,355	6,141	6,883	8,105	7,479	6,354	5,064	3,814	3,942	70,155
5	Outside	STD	51	100	15,293	24,519	24,054	16,208	20,814	25,934	29,264	30,133	22,900	14,468	12,971	11,334	247,892
6	Outside	STD	101	250	133,587	348,963	257,146	181,862	249,340	340,063	366,930	299,769	166,591	124,880	89,921	82,763	2,641,815
7	Outside	STD	251	500	1,249,580	2,976,689	2,425,635	1,784,483	2,688,782	3,150,494	3,226,906	2,355,536	1,125,985	702,275	557,832	552,991	22,797,188
8	Outside	STD	501	750	3,744,743	6,020,753	4,767,150	4,201,242	4,785,043	5,366,873	6,088,060	5,350,353	3,200,576	1,879,436	1,532,680	1,721,706	48,658,615
9	Outside	STD	751	1000	6,476,187	6,978,399	5,398,125	5,060,341	5,122,441	5,556,953	6,879,756	7,061,049	5,678,399	4,025,209	3,333,957	3,450,560	65,021,376
10	Outside	STD	1001	1250	7,671,967	6,492,481	5,298,972	5,152,940	4,771,231	5,524,168	6,081,306	7,014,906	7,237,716	6,108,843	5,420,752	5,532,531	72,307,813
11	Outside	STD	1251	1500	7,522,229	5,471,779	5,218,928	5,166,763	4,916,739	5,385,812	5,140,937	5,900,087	7,719,120	7,784,101	7,244,645	7,142,009	74,613,149
12	Outside	STD	1501	1750	6,809,300	4,344,439	5,299,024	5,182,470	5,081,731	5,321,352	4,334,222	4,990,540	7,315,515	8,117,099	8,363,478	7,861,224	73,020,394
13	Outside	STD	1751	2000	5,892,853	3,808,237	5,282,469	5,315,314	5,262,806	4,489,571	3,310,426	3,934,209	6,098,190	8,020,250	8,018,164	7,726,410	67,158,899
14	Outside	STD	2001	2500	9,280,462	5,461,824	9,237,732	10,634,873	9,765,099	7,304,929	5,073,365	6,147,294	9,624,774	13,310,893	14,693,791	14,255,377	114,790,413
15	Outside	STD	2501	3000	6,736,907	3,845,410	7,198,593	9,337,626	7,479,108	4,801,719	3,194,513	4,153,402	7,273,045	10,405,116	11,817,000	11,388,997	87,631,436
16	Outside	STD	3001	3500	4,825,291	2,326,759	5,419,768	7,634,893	5,395,067	3,292,636	1,989,222	2,912,533	5,502,077	7,457,836	9,015,650	9,117,924	64,889,656
17	Outside	STD	3501	4000	3,377,249	1,581,997	3,951,432	5,954,396	3,963,030	1,938,849	1,223,997	1,894,116	3,991,891	5,774,231	7,138,635	7,115,686	47,905,509
18	Outside	STD	4001	9999999	10,410,546	5,161,246	12,132,670	18,892,547	12,367,092	5,742,359	4,377,961	6,202,771	12,641,192	19,416,936	24,008,798	26,435,729	157,789,847
19					74,151,616	54,849,498	71,917,291	84,521,313	71,874,464	58,248,595	51,324,970	58,254,177	77,604,325	93,146,637	101,252,088	102,399,183	899,544,157
20																	
21	Outside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Outside	STD	1	500	1,403,882	3,356,174	2,712,428	1,987,908	2,965,077	3,523,374	3,631,205	2,692,917	1,321,830	846,687	664,538	651,030	25,757,050
23	Outside	STD	501	1000	10,220,930	12,999,152	10,165,275	9,261,583	9,907,484	10,923,826	12,967,816	12,411,402	8,878,975	5,904,645	4,866,637	5,172,266	113,679,991
24	Outside	STD	1001	1500	15,194,196	11,964,260	10,517,900	10,319,703	9,687,970	10,909,980	11,222,243	12,914,993	14,956,836	13,892,944	12,665,397	12,674,540	146,920,962
25	Outside	STD	1501	2500	21,982,615	13,614,500	19,819,225	21,132,657	20,109,636	17,115,852	12,718,013	15,072,043	23,038,479	29,448,242	31,075,433	29,843,011	254,969,706
26	Outside	STD	2501	9999999	25,349,993	12,915,412	28,702,463	41,819,462	29,204,297	15,775,563	10,785,693	15,162,822	29,408,205	43,054,119	51,980,083	54,058,336	358,216,448
27																	
28					74,151,616	54,849,498	71,917,291	84,521,313	71,874,464	58,248,595	51,324,970	58,254,177	77,604,325	93,146,637	101,252,088	102,399,183	899,544,157
29																	
30	In/Out	Type	kWh Boundary	41,548	41,579	41,609	41,640	41,671	41,699	41,730	41,760	41,791	41,821	41,852	41,883	Total	
31	Outside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Outside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Outside	CAP	1	50	138	210	121	139	234	564	347	208	131	89	66	143	2,390
34	Outside	CAP	51	100	536	951	609	559	663	584	542	806	1,075	840	717	523	8,405
35	Outside	CAP	101	250	4,781	11,013	5,077	3,942	10,044	12,894	14,775	10,499	6,185	4,372	5,382	5,201	94,165
36	Outside	CAP	251	500	44,891	140,710	116,842	76,042	143,249	212,672	187,453	155,776	59,848	29,071	24,416	30,473	1,221,443
37	Outside	CAP	501	750	185,583	363,820	261,505	247,479	292,002	376,801	520,847	487,589	227,149	125,573	91,803	113,923	3,294,074
38	Outside	CAP	751	1000	414,876	518,775	272,475	261,967	259,907	442,682	644,679	827,396	526,925	298,389	254,969	266,038	4,989,078
39	Outside	CAP	1001	1250	590,418	485,615	278,730	259,114	295,389	535,198	630,619	856,893	824,548	607,666	497,488	567,058	6,428,736
40	Outside	CAP	1251	1500	540,818	332,164	316,791	279,420	345,587	595,284	467,407	642,269	978,007	883,378	864,571	898,242	7,143,938
41	Outside	CAP	1501	1750	420,528	240,834	395,435	321,900	431,988	508,034	321,361	500,242	860,267	1,086,070	1,048,491	989,649	7,124,799
42	Outside	CAP	1751	2000	332,634	115,101	428,341	420,990	480,501	379,930	174,345	297,344	685,917	940,569	1,013,238	990,876	6,259,786
43	Outside	CAP	2001	2500	384,926	148,710	686,369	778,116	684,585	435,982	196,408	291,279	897,726	1,489,860	1,724,706	1,643,556	9,362,223
44	Outside	CAP	2501	3000	154,978	59,782	432,925	617,166	474,491	216,264	72,782	136,443	391,267	758,543	976,099	889,426	5,180,166
45	Outside	CAP	3001	3500	64,153	26,054	269,551	429,218	248,253	108,691	44,384	41,918	167,338	376,843	492,881	470,191	2,739,475
46	Outside	CAP	3501	4000	58,682	29,903	118,129	213,320	156,254	59,859	33,662	29,848	94,065	188,421	216,440	217,004	1,415,587
47	Outside	CAP	4001	9999999	73,734	23,641	188,572	469,806	201,847	95,905	47,011	65,577	152,840	312,075	422,868	434,862	2,488,738
48					3,271,676	2,497,283	3,771,472	4,379,178	4,024,994	3,981,344	3,356,622	4,344,087	5,873,288	7,101,759	7,634,135	7,517,165	57,753,003
49																	
50	Outside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	Outside	CAP	1	500	50,346	152,884	122,649	80,682	154,190	226,714	203,117	167,289	67,239	34,372	30,581	36,340	1,326,403
52	Outside	CAP	501	1000	600,459	882,595	533,980	509,446	551,909	819,483	1,165,526	1,314,985	754,074	423,962	346,772	379,961	8,283,152

kwh_sum_out

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh Boundary		Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total
53	Outside	CAP	1001	1500	1,131,236	817,779	595,521	538,534	640,976	1,130,482	1,098,026	1,499,162	1,802,555	1,491,044	1,362,059	1,465,300	13,572,674
54	Outside	CAP	1501	2500	1,138,088	504,645	1,510,145	1,521,006	1,597,074	1,323,946	692,114	1,088,865	2,443,910	3,516,499	3,786,435	3,624,081	22,746,808
55	Outside	CAP	2501	999999	351,547	139,380	1,009,177	1,729,510	1,080,845	480,719	197,839	273,786	805,510	1,635,882	2,108,288	2,011,483	11,823,966
56																	
57					3,271,676	2,497,283	3,771,472	4,379,178	4,024,994	3,981,344	3,356,622	4,344,087	5,873,288	7,101,759	7,634,135	7,517,165	57,753,003
58																	
59	Outside	STD	0	0													
60	Outside	STD	1	500	1,403,882	3,356,174	2,712,428	1,987,908	2,965,077	3,523,374	3,631,205	2,692,917	1,321,830	846,687	664,538	651,030	
61	Outside	STD	501	1000													
62	Outside	STD	1001	1500													
63	Outside	STD	1501	2500													
64	Outside	STD	2501	999999													
65																	
66	Outside	STD	0	0													
67	Outside	STD	1	500	6,651,000	8,842,500	6,951,000	6,276,500	6,809,000	7,540,500	8,857,500	8,330,500	5,768,000	3,768,000	3,108,000	3,314,000	
68	Outside	STD	501	1000	3,569,930	4,156,652	3,214,275	2,985,083	3,098,484	3,383,326	4,110,316	4,080,902	3,110,975	2,136,645	1,758,637	1,858,266	
69	Outside	STD	1001	1500													
70	Outside	STD	1501	2500													
71	Outside	STD	2501	999999													
72																	
73	Outside	STD	0	0													
74	Outside	STD	1	500	6,169,000	4,907,000	4,269,500	4,183,000	3,929,000	4,431,500	4,601,500	5,296,000	6,034,000	5,542,000	5,036,000	5,051,500	
75	Outside	STD	501	1000	6,169,000	4,907,000	4,269,500	4,183,000	3,929,000	4,431,500	4,601,500	5,296,000	6,034,000	5,542,000	5,036,000	5,051,500	
76	Outside	STD	1001	1500	2,856,196	2,150,260	1,978,900	1,953,703	1,829,970	2,046,980	2,019,243	2,322,993	2,888,836	2,808,944	2,593,397	2,571,540	
77	Outside	STD	1501	2500													
78	Outside	STD	2501	999999													
79																	
80	Outside	STD	0	0													
81	Outside	STD	1	500	5,764,000	3,589,500	5,115,500	5,390,000	5,161,000	4,483,000	3,364,000	3,973,000	6,056,500	7,628,500	8,011,500	7,683,500	
82	Outside	STD	501	1000	5,764,000	3,589,500	5,115,500	5,390,000	5,161,000	4,483,000	3,364,000	3,973,000	6,056,500	7,628,500	8,011,500	7,683,500	
83	Outside	STD	1001	1500	5,764,000	3,589,500	5,115,500	5,390,000	5,161,000	4,483,000	3,364,000	3,973,000	6,056,500	7,628,500	8,011,500	7,683,500	
84	Outside	STD	1501	2500	4,690,615	2,846,000	4,472,725	4,962,657	4,626,636	3,666,852	2,626,013	3,153,043	4,868,979	6,562,742	7,040,933	6,792,511	
85	Outside	STD	2501	999999													
86																	
87	Outside	STD	0	0													
88	Outside	STD	1	500	3,337,500	1,711,000	3,760,000	5,352,000	3,852,500	2,152,000	1,429,000	1,988,000	3,796,000	5,537,000	6,633,000	6,756,500	
89	Outside	STD	501	1000	3,337,500	1,711,000	3,760,000	5,352,000	3,852,500	2,152,000	1,429,000	1,988,000	3,796,000	5,537,000	6,633,000	6,756,500	
90	Outside	STD	1001	1500	3,337,500	1,711,000	3,760,000	5,352,000	3,852,500	2,152,000	1,429,000	1,988,000	3,796,000	5,537,000	6,633,000	6,756,500	
91	Outside	STD	1501	2500	6,675,000	3,422,000	7,520,000	10,704,000	7,705,000	4,304,000	2,858,000	3,976,000	7,592,000	11,074,000	13,266,000	13,513,000	
92	Outside	STD	2501	999999	8,662,493	4,360,412	9,902,463	15,059,462	9,941,797	5,015,563	3,640,693	5,222,822	10,428,205	15,369,119	18,815,083	20,275,836	
93																	
94	Actuals																
95	Outside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	Outside	STD	1	500	23,325,382	22,406,174	22,808,428	23,189,408	22,716,577	22,130,374	21,883,205	22,280,417	22,976,330	23,322,187	23,453,038	23,456,530	273,948,050
97	Outside	STD	501	1000	18,840,430	14,364,152	16,359,275	17,910,083	16,040,984	14,449,826	13,504,816	15,337,902	18,997,475	20,844,145	21,439,137	21,349,766	209,437,991
98	Outside	STD	1001	1500	11,957,696	7,450,760	10,854,400	12,695,703	10,843,470	8,681,980	6,812,243	8,283,993	12,741,336	15,974,444	17,237,897	17,011,540	140,545,462
99	Outside	STD	1501	2500	11,365,615	6,268,000	11,992,725	15,666,657	12,331,636	7,970,852	5,484,013	7,129,043	12,460,979	17,636,742	20,306,933	20,305,511	148,918,706
100	Outside	STD	2501	999999	8,662,493	4,360,412	9,902,463	15,059,462	9,941,797	5,015,563	3,640,693	5,222,822	10,428,205	15,369,119	18,815,083	20,275,836	126,693,948
101																	
102				Totals	74,151,616	54,849,498	71,917,291	84,521,313	71,874,464	58,248,595	51,324,970	58,254,177	77,604,325	93,146,637	101,252,088	102,399,183	899,544,157
103																	

kwh_sum_out

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh	Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total
104	Normalized - Weather & Year End Customers																
105	Inside	STD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	Inside	STD	1	500	21,855,074	24,947,896	18,063,295	20,987,936	20,353,403	21,487,349	22,904,123	24,048,275	25,073,191	24,844,944	24,558,949	23,677,919	272,802,354
107	Inside	STD	501	1000	17,652,830	15,993,599	12,955,843	16,209,800	14,372,262	14,029,969	14,134,857	16,554,900	20,731,218	22,205,105	22,450,084	21,551,270	208,841,739
108	Inside	STD	1001	1500	11,203,947	8,295,963	8,596,219	11,490,444	9,715,439	8,429,715	7,130,055	8,941,293	13,904,133	17,017,451	18,050,738	17,172,099	139,947,494
109	Inside	STD	1501	2500	10,649,187	6,979,032	9,497,723	14,179,353	11,048,793	7,739,249	5,739,859	7,694,703	13,598,190	18,788,284	21,264,492	20,497,159	147,676,025
110	Inside	STD	2501	999999	8,116,455	4,855,051	7,842,326	13,629,801	8,907,565	4,869,829	3,810,542	5,637,231	11,379,902	16,372,603	19,702,295	20,467,204	125,590,804
111																	
112	Totals			69,477,494	61,071,542	56,955,406	76,497,334	64,397,462	56,556,111	53,719,436	62,876,402	84,686,634	99,228,387	106,026,559	103,365,652		894,858,416
113																	
114																	
115	Outside	CAP	0	0													
116	Outside	CAP	1	500	50,346	152,884	122,649	80,682	154,190	226,714	203,117	167,289	67,239	34,372	30,581	36,340	
117	Outside	CAP	501	1000													
118	Outside	CAP	1001	1500													
119	Outside	CAP	1501	2500													
120	Outside	CAP	2501	999999													
121																	
122	Outside	CAP	0	0													
123	Outside	CAP	1	500	380,000	588,500	366,500	349,000	387,000	557,000	786,000	859,500	476,000	266,000	215,000	236,000	
124	Outside	CAP	501	1000	220,459	294,095	167,480	160,446	164,909	262,483	379,526	455,485	278,074	157,962	131,772	143,961	
125	Outside	CAP	1001	1500													
126	Outside	CAP	1501	2500													
127	Outside	CAP	2501	999999													
128																	
129	Outside	CAP	0	0													
130	Outside	CAP	1	500	460,500	337,500	239,000	216,500	256,000	454,500	454,000	617,000	722,500	589,500	532,000	577,500	
131	Outside	CAP	501	1000	460,500	337,500	239,000	216,500	256,000	454,500	454,000	617,000	722,500	589,500	532,000	577,500	
132	Outside	CAP	1001	1500	210,236	142,779	117,521	105,534	128,976	221,482	190,026	265,162	357,555	312,044	298,059	310,300	
133	Outside	CAP	1501	2500													
134	Outside	CAP	2501	999999													
135																	
136	Outside	CAP	0	0													
137	Outside	CAP	1	500	307,000	140,000	391,000	385,500	414,500	358,000	191,000	301,000	652,500	921,500	981,500	940,000	
138	Outside	CAP	501	1000	307,000	140,000	391,000	385,500	414,500	358,000	191,000	301,000	652,500	921,500	981,500	940,000	
139	Outside	CAP	1001	1500	307,000	140,000	391,000	385,500	414,500	358,000	191,000	301,000	652,500	921,500	981,500	940,000	
140	Outside	CAP	1501	2500	217,088	84,645	337,145	364,506	353,574	249,946	119,114	185,865	486,410	751,999	841,935	804,081	
141	Outside	CAP	2501	999999													
142																	
143	Outside	CAP	0	0													
144	Outside	CAP	1	500	54,500	21,500	156,500	257,000	168,500	75,500	30,000	43,500	126,000	255,000	327,000	308,000	
145	Outside	CAP	501	1000	54,500	21,500	156,500	257,000	168,500	75,500	30,000	43,500	126,000	255,000	327,000	308,000	
146	Outside	CAP	1001	1500	54,500	21,500	156,500	257,000	168,500	75,500	30,000	43,500	126,000	255,000	327,000	308,000	
147	Outside	CAP	1501	2500	109,000	43,000	313,000	514,000	337,000	151,000	60,000	87,000	252,000	510,000	654,000	616,000	
148	Outside	CAP	2501	999999	79,047	31,880	226,677	444,510	238,345	103,219	47,839	56,286	175,510	360,882	473,288	471,483	
149																	
150	Actuals																
151	Outside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	Outside	CAP	1	500	1,252,346	1,240,384	1,275,649	1,288,682	1,380,190	1,671,714	1,664,117	1,988,289	2,044,239	2,066,372	2,086,081	2,097,840	20,055,903
153	Outside	CAP	501	1000	1,042,459	793,095	953,980	1,019,446	1,003,909	1,150,483	1,054,526	1,416,985	1,779,074	1,923,962	1,972,272	1,969,461	16,079,652
154	Outside	CAP	1001	1500	571,736	304,279	665,021	748,034	711,976	654,982	411,026	609,662	1,136,055	1,488,544	1,606,559	1,558,300	10,466,174

kwh_sum_out

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh	Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total
155	Outside	CAP	1501	2500	326,088	127,645	650,145	878,506	690,574	400,946	179,114	272,865	738,410	1,261,999	1,495,935	1,420,081	8,442,308
156	Outside	CAP	2501	999999	79,047	31,880	226,677	444,510	238,345	103,219	47,839	56,286	175,510	360,882	473,288	471,483	2,708,966
157																	
158	Totals				3,271,676	2,497,283	3,771,472	4,379,178	4,024,994	3,981,344	3,356,622	4,344,087	5,873,288	7,101,759	7,634,135	7,517,165	57,753,003
159																	
160	Normalized - Weather & Year End Customers																
161	Inside	CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	Inside	CAP	1	500	1,809,903	1,710,228	1,423,924	1,508,612	1,538,675	1,621,468	1,701,961	1,754,260	1,910,405	1,911,989	1,838,749	1,752,560	20,482,735
163	Inside	CAP	501	1000	1,506,572	1,093,511	1,064,866	1,193,427	1,119,186	1,115,904	1,078,507	1,250,201	1,662,600	1,780,219	1,738,434	1,645,310	16,248,737
164	Inside	CAP	1001	1500	826,279	419,537	742,320	875,695	793,731	635,295	420,373	537,903	1,061,679	1,377,332	1,416,081	1,301,822	10,408,045
165	Inside	CAP	1501	2500	471,266	175,995	725,714	1,028,434	769,871	388,895	183,187	240,748	690,067	1,167,713	1,318,573	1,186,352	8,346,816
166	Inside	CAP	2501	999999	114,239	43,956	253,025	520,371	265,714	100,117	48,927	49,661	164,020	333,920	417,174	393,882	2,705,005
167																	
168	Totals				4,728,259	3,443,227	4,209,849	5,126,540	4,487,176	3,861,679	3,432,956	3,832,773	5,488,771	6,571,172	6,729,011	6,279,926	58,191,338
169																	
170	Grand Totals				77,423,292	57,346,781	75,688,763	88,900,491	75,899,458	62,229,939	54,681,592	62,598,264	83,477,613	100,248,396	108,886,223	109,916,348	957,297,160
171					0	0	0	0	0	0	0	0	0	0	0	0	0
172																	
173	Grand Totals - Normalized				74,205,753	64,514,768	61,165,255	81,623,874	68,884,638	60,417,790	57,152,392	66,709,174	90,175,405	105,799,559	112,755,570	109,645,578	953,049,754

count_sum_in

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh	Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total
2	Inside	STD															0
3	Inside	STD	0	0	871	966	973	796	835	844	896	887	761	680	792	627	9,928
4	Inside	STD	1	50	1,610	2,690	2,987	2,437	2,765	3,009	2,842	2,594	2,016	1,588	1,398	1,183	27,119
5	Inside	STD	51	100	2,329	4,815	4,513	4,325	4,641	5,198	5,740	4,528	3,148	2,535	2,139	1,534	45,445
6	Inside	STD	101	250	13,375	34,750	28,591	25,723	31,482	38,085	40,312	28,289	15,450	10,173	8,633	7,063	281,926
7	Inside	STD	251	500	55,380	102,858	85,147	73,892	86,714	99,588	106,818	85,828	51,813	32,401	28,358	25,730	834,527
8	Inside	STD	501	750	74,030	80,555	71,216	65,909	66,182	69,455	74,377	78,256	67,102	50,444	46,038	43,584	787,148
9	Inside	STD	751	1000	62,232	41,275	44,214	44,526	41,045	37,521	36,293	46,359	57,597	54,378	50,734	49,748	565,922
10	Inside	STD	1001	1250	41,334	18,547	26,249	28,647	25,803	20,542	16,300	23,255	39,477	46,565	46,670	46,237	379,626
11	Inside	STD	1251	1500	23,321	8,296	15,753	19,092	16,632	11,056	7,240	10,984	23,749	34,625	36,376	37,744	244,868
12	Inside	STD	1501	1750	12,497	4,135	9,662	13,026	10,626	5,851	3,444	5,380	13,492	22,791	26,094	27,414	154,412
13	Inside	STD	1751	2000	6,772	2,131	5,842	8,756	6,684	3,101	1,786	2,792	7,602	14,321	17,021	18,566	95,374
14	Inside	STD	2001	2500	5,831	1,855	5,661	9,729	6,688	2,711	1,571	2,537	7,140	14,189	17,739	19,902	95,553
15	Inside	STD	2501	3000	2,155	755	2,191	4,217	2,677	1,016	654	1,016	2,633	5,435	7,203	8,110	38,062
16	Inside	STD	3001	3500	930	389	991	1,929	1,138	482	321	512	1,248	2,308	3,111	3,570	16,929
17	Inside	STD	3501	4000	515	180	491	915	544	220	175	244	628	1,102	1,461	1,759	8,234
18	Inside	STD	4001	9999999	896	419	805	1,484	879	444	354	500	1,008	1,720	2,185	2,521	13,215
19					304,078	304,616	305,286	305,403	305,335	299,123	299,123	293,961	294,864	295,255	295,952	295,292	3,598,288
20																	
21	Inside	STD	0	0	871	966	973	796	835	844	896	887	761	680	792	627	9,928
22	Inside	STD	1	500	72,694	145,113	121,238	106,377	125,602	145,880	155,712	121,239	72,427	46,697	40,528	35,510	1,189,017
23	Inside	STD	501	1000	136,262	121,830	115,430	110,435	107,227	106,976	110,670	124,615	124,699	104,822	96,772	93,332	1,353,070
24	Inside	STD	1001	1500	64,655	26,843	42,002	47,739	42,435	31,598	23,540	34,239	63,226	81,190	83,046	83,981	624,494
25	Inside	STD	1501	2500	25,100	8,121	21,165	31,511	23,998	11,663	6,801	10,709	28,234	51,301	60,854	65,882	345,339
26	Inside	STD	2501	9999999	4,496	1,743	4,478	8,545	5,238	2,162	1,504	2,272	5,517	10,565	13,960	15,960	76,440
27																	
28					304,078	304,616	305,286	305,403	305,335	299,123	299,123	293,961	294,864	295,255	295,952	295,292	3,598,288
29																	
30	In/Out	Type	kWh	Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total
31	Inside	CAP															0
32	Inside	CAP	0	0	48	55	54	39	31	49	66	73	46	40	37	31	569
33	Inside	CAP	1	50	36	74	101	68	97	136	119	95	87	48	45	47	953
34	Inside	CAP	51	100	106	206	177	155	196	311	312	273	155	117	107	71	2,186
35	Inside	CAP	101	250	714	1,927	1,631	1,439	2,066	3,221	3,138	2,410	1,173	710	559	495	19,483
36	Inside	CAP	251	500	3,218	7,028	5,902	5,046	6,545	9,803	10,153	9,413	4,901	2,869	2,436	2,181	69,495
37	Inside	CAP	501	750	5,303	6,970	5,716	5,060	5,348	7,779	8,986	10,586	7,695	5,334	4,722	4,392	77,891
38	Inside	CAP	751	1000	5,200	4,037	3,751	3,577	3,467	4,530	4,960	7,630	8,183	6,721	6,142	6,057	64,255
39	Inside	CAP	1001	1250	3,983	1,988	2,394	2,532	2,330	2,690	2,432	4,184	6,553	6,574	6,354	6,147	48,161
40	Inside	CAP	1251	1500	2,386	881	1,546	1,767	1,617	1,587	1,038	2,025	4,227	5,471	5,659	5,718	33,922
41	Inside	CAP	1501	1750	1,254	374	1,023	1,274	1,076	832	403	814	2,462	3,978	4,291	4,463	22,244
42	Inside	CAP	1751	2000	615	144	627	933	770	437	186	384	1,424	2,647	2,996	3,140	14,303
43	Inside	CAP	2001	2500	501	96	606	1,077	718	312	114	257	1,036	2,495	3,060	3,375	13,647
44	Inside	CAP	2501	3000	114	24	243	438	269	78	35	58	235	781	1,096	1,206	4,577
45	Inside	CAP	3001	3500	31	7	71	196	105	24	8	16	71	206	337	422	1,494
46	Inside	CAP	3501	4000	11	4	24	77	40	10	4	16	29	81	83	122	501
47	Inside	CAP	4001	9999999	18	3	27	59	31	11	6	17	31	61	80	96	440
48					23,538	23,818	23,893	23,737	24,706	31,810	31,960	38,251	38,308	38,133	38,004	37,963	374,121
49																	
50	Inside	CAP	0	0	48	55	54	39	31	49	66	73	46	40	37	31	569
51	Inside	CAP	1	500	4,074	9,235	7,811	6,708	8,904	13,471	13,722	12,191	6,316	3,744	3,147	2,794	92,117
52	Inside	CAP	501	1000	10,503	11,007	9,467	8,637	8,815	12,309	13,946	18,216	15,878	12,055	10,864	10,449	142,146

count_sum_in

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh Boundary		Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total
53	Inside	CAP	1001	1500	6,369	2,869	3,940	4,299	3,947	4,277	3,470	6,209	10,780	12,045	12,013	11,865	82,083
54	Inside	CAP	1501	2500	2,370	614	2,256	3,284	2,564	1,581	703	1,455	4,922	9,120	10,347	10,978	50,194
55	Inside	CAP	2501	999999	174	38	365	770	445	123	53	107	366	1,129	1,596	1,846	7,012
56																	
57					23,538	23,818	23,893	23,737	24,706	31,810	31,960	38,251	38,308	38,133	38,004	37,963	374,121

count_sum_out

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total	
2	Outside	STD															0
3	Outside	STD	0	0	179	204	188	226	199	174	198	196	177	177	178	168	2,264
4	Outside	STD	1	50	249	283	254	234	279	311	332	334	289	233	193	208	3,199
5	Outside	STD	51	100	210	326	315	214	274	347	388	412	302	193	175	152	3,308
6	Outside	STD	101	250	741	1,857	1,390	986	1,331	1,813	1,991	1,649	927	713	499	469	14,366
7	Outside	STD	251	500	3,162	7,652	6,187	4,535	6,890	8,156	8,340	6,042	2,904	1,803	1,435	1,403	58,509
8	Outside	STD	501	750	5,916	9,658	7,684	6,736	7,715	8,674	9,780	8,556	5,052	2,964	2,424	2,713	77,872
9	Outside	STD	751	1000	7,386	8,027	6,218	5,817	5,903	6,407	7,935	8,105	6,484	4,572	3,792	3,915	74,561
10	Outside	STD	1001	1250	6,840	5,808	4,736	4,595	4,268	4,934	5,445	6,274	6,441	5,423	4,798	4,905	64,467
11	Outside	STD	1251	1500	5,498	4,006	3,803	3,771	3,590	3,929	3,758	4,318	5,627	5,661	5,274	5,198	54,433
12	Outside	STD	1501	1750	4,209	2,688	3,267	3,189	3,131	3,284	2,678	3,085	4,516	5,005	5,153	4,852	45,057
13	Outside	STD	1751	2000	3,153	2,038	2,822	2,837	2,810	2,400	1,774	2,108	3,265	4,281	4,289	4,132	35,909
14	Outside	STD	2001	2500	4,166	2,453	4,142	4,754	4,381	3,282	2,276	2,753	4,332	5,971	6,581	6,383	51,474
15	Outside	STD	2501	3000	2,464	1,412	2,635	3,419	2,737	1,763	1,176	1,520	2,668	3,812	4,329	4,168	32,103
16	Outside	STD	3001	3500	1,491	723	1,677	2,359	1,673	1,023	617	903	1,703	2,307	2,789	2,820	20,085
17	Outside	STD	3501	4000	904	424	1,062	1,597	1,062	521	328	508	1,068	1,549	1,914	1,907	12,844
18	Outside	STD	4001	9999999	1,816	863	2,146	3,329	2,233	997	737	1,045	2,153	3,406	4,234	4,618	27,577
19					48,384	48,422	48,526	48,598	48,476	48,015	47,753	47,808	47,908	48,070	48,057	48,011	578,028
20																	
21	Outside	STD	0	0	179	204	188	226	199	174	198	196	177	177	178	168	2,264
22	Outside	STD	1	500	4,362	10,118	8,146	5,969	8,774	10,627	11,051	8,437	4,422	2,942	2,302	2,232	79,382
23	Outside	STD	501	1000	13,302	17,685	13,902	12,553	13,618	15,081	17,715	16,661	11,536	7,536	6,216	6,628	152,433
24	Outside	STD	1001	1500	12,338	9,814	8,539	8,366	7,858	8,863	9,203	10,592	12,068	11,084	10,072	10,103	118,900
25	Outside	STD	1501	2500	11,528	7,179	10,231	10,780	10,322	8,966	6,728	7,946	12,113	15,257	16,023	15,367	132,440
26	Outside	STD	2501	9999999	6,675	3,422	7,520	10,704	7,705	4,304	2,858	3,976	7,592	11,074	13,266	13,513	92,609
27																	
28					48,384	48,422	48,526	48,598	48,476	48,015	47,753	47,808	47,908	48,070	48,057	48,011	578,028
29																	
30	In/Out	Type	kWh Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total	
31	Outside	CAP															0
32	Outside	CAP	0	0	6	13	10	6	11	13	13	15	11	8	12	4	122
33	Outside	CAP	1	50	6	6	7	6	7	18	14	10	8	7	5	8	102
34	Outside	CAP	51	100	7	13	8	8	9	9	8	10	15	11	9	7	114
35	Outside	CAP	101	250	26	57	27	23	49	68	78	57	33	26	31	30	505
36	Outside	CAP	251	500	112	353	289	188	360	544	481	391	151	76	65	80	3,090
37	Outside	CAP	501	750	291	578	420	394	476	607	830	772	358	196	142	175	5,239
38	Outside	CAP	751	1000	469	599	313	304	298	507	742	947	594	336	288	297	5,694
39	Outside	CAP	1001	1250	525	432	246	230	261	475	564	764	730	537	438	501	5,703
40	Outside	CAP	1251	1500	396	243	232	203	251	434	344	470	715	642	626	654	5,210
41	Outside	CAP	1501	1750	260	150	243	199	266	314	199	310	531	669	646	610	4,397
42	Outside	CAP	1751	2000	179	62	229	224	257	204	94	160	367	504	542	530	3,352
43	Outside	CAP	2001	2500	175	68	310	348	306	198	89	132	407	670	775	740	4,218
44	Outside	CAP	2501	3000	57	22	159	226	175	80	27	50	145	280	359	327	1,907
45	Outside	CAP	3001	3500	20	8	83	133	77	34	14	13	52	117	153	147	851
46	Outside	CAP	3501	4000	16	8	32	57	42	17	9	8	25	51	58	58	381
47	Outside	CAP	4001	9999999	16	5	39	98	43	20	10	16	30	62	84	84	507
48					2,561	2,617	2,647	2,647	2,888	3,542	3,516	4,125	4,172	4,192	4,233	4,252	41,392
49																	
50	Outside	CAP	0	0	6	13	10	6	11	13	13	15	11	8	12	4	122
51	Outside	CAP	1	500	151	429	331	225	425	639	581	468	207	120	110	125	3,811
52	Outside	CAP	501	1000	760	1,177	733	698	774	1,114	1,572	1,719	952	532	430	472	10,933

count_sum_out

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	In/Out	Type	kWh Boundary	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total	
53	Outside	CAP	1001	1500	921	675	478	433	512	909	908	1,234	1,445	1,179	1,064	1,155	10,913
54	Outside	CAP	1501	2500	614	280	782	771	829	716	382	602	1,305	1,843	1,963	1,880	11,967
55	Outside	CAP	2501	999999	109	43	313	514	337	151	60	87	252	510	654	616	3,646
56																	
57					2,561	2,617	2,647	2,647	2,888	3,542	3,516	4,125	4,172	4,192	4,233	4,252	41,392

Normalize

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1				10/1/2013	11/1/2013	12/1/2013	1/1/2014	2/1/2014	3/1/2014	4/1/2014	5/1/2014	6/1/2014	7/1/2014	8/1/2014	9/1/2014	Totals
2																
3	E01t1	Std	Tier 1	152,573,012	164,150,232	120,583,593	140,657,393	135,312,158	138,933,805	147,761,085	158,110,288	171,218,521	172,505,713	171,284,581	166,097,815	1,839,188,196
4	E01t2	Std	Tier 2	91,887,413	63,105,899	58,984,131	77,655,169	66,689,805	56,855,129	53,049,351	69,956,066	105,857,690	127,004,048	131,220,522	129,823,297	1,032,088,520
5	E01t3	Std	Tier 3	37,361,802	19,308,388	25,654,599	38,906,110	30,939,805	21,242,313	16,018,791	22,953,505	46,674,570	69,429,169	77,161,553	78,206,082	483,856,687
6	E01t4	Std	Tier 4	22,311,595	11,739,718	18,783,374	32,475,739	23,246,038	13,401,919	9,569,054	13,799,641	29,747,134	49,096,834	58,822,623	61,000,839	343,994,508
7	E01t5	Std	Tier 5	12,401,684	7,094,681	11,142,730	20,571,370	13,122,347	7,001,047	5,646,269	8,375,532	17,334,794	26,475,300	32,676,075	34,666,932	196,508,761
8																
9	Subtotal			316,535,506	265,398,918	235,148,427	310,265,781	269,310,153	237,434,213	232,044,550	273,195,032	370,832,709	444,511,064	471,165,354	469,794,965	3,895,636,672
10																
11	E01At1	CAP	Tier 1	17,866,527	15,966,947	13,242,442	14,041,320	13,517,341	14,673,393	15,558,723	16,834,210	18,843,248	18,976,560	18,132,469	17,229,287	194,882,467
12	E01At2	CAP	Tier 2	11,705,271	6,665,865	7,020,494	8,325,123	7,104,580	6,477,820	6,118,959	8,263,409	12,954,690	15,085,570	14,886,868	14,361,449	118,970,098
13	E01At3	CAP	Tier 3	4,584,890	1,605,266	3,137,433	4,352,939	3,438,483	2,317,862	1,457,177	2,274,078	5,720,783	8,727,035	9,217,376	9,062,102	55,895,424
14	E01At4	CAP	Tier 4	1,739,370	447,312	1,995,859	3,401,906	2,277,831	956,141	429,124	685,795	2,454,287	5,151,105	6,050,077	6,124,858	31,713,665
15	E01At5	CAP	Tier 5	313,012	73,422	457,819	1,069,269	531,484	176,698	131,689	71,624	485,066	816,773	1,010,032	1,194,338	6,331,226
16																
17	Subtotal			36,209,070	24,758,812	25,854,047	31,190,557	26,869,719	24,601,914	23,695,672	28,129,116	40,458,074	48,757,043	49,296,822	47,972,034	407,792,880
18																
19	Totals			352,744,576	290,157,730	261,002,474	341,456,338	296,179,872	262,036,127	255,740,222	301,324,148	411,290,783	493,268,107	520,462,176	517,766,999	4,303,429,552
20																
21	Check			352.7	290.2	261.0	341.5	296.2	262.0	255.7	301.3	411.3	493.3	520.5	517.8	4,303.4
22	S/B = 0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23																
24																
25	Index			1	2	3	4	5	6	7	8	9	10	11	12	
26				Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Totals
27																
28	E01t1	Std	Tier 1	162,837,414	147,426,405	152,260,269	155,411,267	151,022,859	143,091,503	141,174,849	146,487,146	156,899,587	161,932,765	163,571,484	164,544,800	1,846,660,348
29	E01t2	Std	Tier 2	98,069,170	56,676,593	74,478,952	85,800,597	74,432,964	58,556,561	50,684,753	64,813,394	97,004,855	119,219,916	125,311,545	128,609,449	1,033,658,749
30	E01t3	Std	Tier 3	39,875,330	17,341,226	32,393,927	42,987,060	34,532,136	21,878,005	15,304,777	21,266,127	42,771,195	65,173,826	73,686,899	77,474,855	484,685,363
31	E01t4	Std	Tier 4	23,812,615	10,543,661	23,717,667	35,882,193	25,945,068	13,802,981	9,142,527	12,785,190	27,259,393	46,087,668	56,173,788	60,430,481	345,583,232
32	E01t5	Std	Tier 5	13,236,012	6,371,866	14,069,866	22,729,148	14,645,945	7,210,559	5,394,595	7,759,823	15,885,092	24,852,618	31,204,642	34,342,796	197,702,962
33																
34	Subtotal			337,830,541	238,359,751	296,920,681	342,810,265	300,578,972	244,539,609	221,701,501	253,111,680	339,820,122	417,266,793	449,948,358	465,402,381	3,908,290,654
35																
36	E01At1	CAP	Tier 1	12,362,581	11,580,412	11,863,490	11,994,335	12,125,045	15,128,091	15,212,763	19,079,994	20,163,316	20,508,816	20,571,481	20,623,714	191,214,038
37	E01At2	CAP	Tier 2	8,099,356	4,834,579	6,289,441	7,111,462	6,372,803	6,678,554	5,982,899	9,365,797	13,862,233	16,303,650	16,889,311	17,190,869	118,980,954
38	E01At3	CAP	Tier 3	3,172,473	1,164,258	2,810,728	3,718,355	3,084,317	2,389,688	1,424,776	2,577,453	6,121,554	9,431,697	10,457,212	10,847,472	57,199,983
39	E01At4	CAP	Tier 4	1,203,541	324,424	1,788,028	2,905,966	2,043,213	985,770	419,582	777,284	2,626,223	5,567,029	6,863,877	7,331,546	32,836,483
40	E01At5	CAP	Tier 5	216,586	53,251	410,146	913,388	476,741	182,173	128,761	81,179	519,047	882,723	1,145,892	1,429,641	6,439,528
41																
42	Subtotal			25,054,537	17,956,924	23,161,833	26,643,506	24,102,119	25,364,276	23,168,781	31,881,707	43,292,373	52,693,915	55,927,773	57,423,242	406,670,986
43																
44	Totals			362,885,078	256,316,675	320,082,514	369,453,771	324,681,091	269,903,885	244,870,282	284,993,387	383,112,495	469,960,708	505,876,131	522,825,623	4,314,961,640
45																
46	Check			362,885,078	256,316,675	320,082,514	369,453,771	324,681,091	269,903,885	244,870,282	284,993,387	383,112,495	469,960,708	505,876,131	522,825,623	4,314,961,640
47	S/B = 0			0	0	0	0	0	0	0	0	0	0	0	0	0
48																
49																
50																
51	Adjustment Factors															
52	E01t1	Std	Tier 1	0.9370	1.1134	0.7920	0.9051	0.8960	0.9709	1.0467	1.0793	1.0913	1.0653	1.0472	1.0094	

Normalize

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1				10/1/2013	11/1/2013	12/1/2013	1/1/2014	2/1/2014	3/1/2014	4/1/2014	5/1/2014	6/1/2014	7/1/2014	8/1/2014	9/1/2014	Totals
53	E01t2	Std	Tier 2	0.9370	1.1134	0.7920	0.9051	0.8960	0.9709	1.0467	1.0793	1.0913	1.0653	1.0472	1.0094	
54	E01t3	Std	Tier 3	0.9370	1.1134	0.7920	0.9051	0.8960	0.9709	1.0467	1.0793	1.0913	1.0653	1.0472	1.0094	
55	E01t4	Std	Tier 4	0.9370	1.1134	0.7920	0.9051	0.8960	0.9709	1.0467	1.0793	1.0913	1.0653	1.0472	1.0094	
56	E01t5	Std	Tier 5	0.9370	1.1134	0.7920	0.9051	0.8960	0.9709	1.0467	1.0793	1.0913	1.0653	1.0472	1.0094	
57																
58	E01At1	CAP	Tier 1	1.4452	1.3788	1.1162	1.1707	1.1148	0.9699	1.0227	0.8823	0.9345	0.9253	0.8814	0.8354	
59	E01At2	CAP	Tier 2	1.4452	1.3788	1.1162	1.1707	1.1148	0.9699	1.0227	0.8823	0.9345	0.9253	0.8814	0.8354	
60	E01At3	CAP	Tier 3	1.4452	1.3788	1.1162	1.1707	1.1148	0.9699	1.0227	0.8823	0.9345	0.9253	0.8814	0.8354	
61	E01At4	CAP	Tier 4	1.4452	1.3788	1.1162	1.1707	1.1148	0.9699	1.0227	0.8823	0.9345	0.9253	0.8814	0.8354	
62	E01At5	CAP	Tier 5	1.4452	1.3788	1.1162	1.1707	1.1148	0.9699	1.0227	0.8823	0.9345	0.9253	0.8814	0.8354	

AELIC 7-11 AE responded to AELIC 3rd RFI to AE, RFI No. 3-23 stating that “[r]esidential customers are not eligible to qualify as Key Account customers.” If this is so, why did AE allocate some of the costs for its Key Accounts to the residential class? (Reference: Schedule G-6, line no.61, Bates Stamp p. 991).

ANSWER:

One Key Account Manager is assigned to qualifying master-metered multi-family and retirement communities. While the Key Account Manager's responsibility is to be a resource for the assigned commercial customers, sometimes the manager is asked to assist in resolving tenant issues in those communities. For that reason, 5% of one Key Account Manager's time was allocated to the Residential class.

Prepared by: KD
Sponsored by: Mark Dombroski

AELIC 7-12 Since no residential customers are eligible to qualify as Key Account customers, then why did AE state at p. 3-48 and 3-49 (Bates Stamp, p. 077-78) "Additionally, two Key Account representatives are dedicated to serving AE's remaining commercial and residential customers." In your explanation, please address how the Key Account representatives "serve" the residential customers and at what point a residential customer is "served" by a Key Account representative.

ANSWER:

The statement in Austin Energy's Tariff Package is an editing error because Key Accounts does not directly serve residential customers. It should have said, "... two Key Account representatives are dedicated to serving AE's remaining non-residential customers."

With that said, one Key Account Manager is assigned to qualifying master-metered multi-family and retirement communities. While the Key Account Manager's responsibility is to be a resource for the assigned commercial customers, sometimes the manager is asked to assist in resolving tenant issues in those communities. For that reason, 5% of one Key Account Manager's time was allocated to the Residential class.

Prepared by: KD
Sponsored by: Debbie Kimberly

AELIC 7-13 For any of AE's FYs since AE's TY 2009 underlying its last base rate case, has AE's non-utility operations resulted in revenue amounts realized from its non-utility operations exceeding the amounts it incurred in expenses from its non-utility operations? In other words, did AE realize net operating income from its non-utility operations for any of its FYs subsequent to the TY 2009?

ANSWER:

Yes. Austin Energy does not prepare audited GAAP based financial reporting specific to its non-utility operations. However, based on cost components, non-utility operations did generate net operating income in years subsequent to 2009.

Prepared by: SS
Sponsored by: Elaina Ball

AELIC 7-14 If the answer is yes, please identify each FY in which AE revenues realized from its non-utility operations exceeded the amount of revenues AE paid out in costs incurred from its non-utility operations and for each FY provide the following:

- A. The amount of revenues realized;
- B. The operating and maintenance expenses;
- C. The amount of debt-service payment made;
- D. The total expenses incurred from AE's non-utility operations.

ANSWER:

See AE's Response to AELIC RFI No. 7-13. In FY2011 through FY2014, revenue from non-utility operations exceeded its O&M and debt service.

Funds Flow Summary	FY11	FY12	FY13	FY14
a) Revenue	\$ 15,599,718	\$ 16,501,570	\$ 17,434,625	\$ 17,328,231
b) O&M Expenses	\$ 8,651,809	\$ 9,540,491	\$ 10,865,479	\$ 10,216,190
c) Debt Service Payments	\$ 4,147,866	\$ 4,147,368	\$ 3,970,045	\$ 3,842,913
Funds Available after O&M and Debt Service	\$ 2,800,043	\$ 2,813,711	\$ 2,599,101	\$ 3,269,127

d) Total expenses include O&M and interest expense (a component cost of debt service) to be consistent with typical reporting in an income statement.

	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>
Total Expenses	\$11,611,275	\$12,453,921	\$13,684,075	\$14,014,699

Depreciation expense was excluded from total expense since it is a non-cash item.

Prepared by: SS
Sponsored by: Elaina Ball

AELIC 7-15 What additional installation and infrastructure costs are incurred to serve a residential value of solar customer versus a non-value of solar residential customer? In your response, please address how if at all additional costs are incurred relating to meters; what elements/components of the distribution system are impacted and how each element/component is impacted; and how, if at all AE's operating software for billing, distribution, and interactions with the grid are impacted, including both the embedded costs and the marginal operating costs. (Reference: AE Response to AELIC RFI No. 3-16(C))

ANSWER:

The additional installation and infrastructure costs Austin Energy incurs for serving a Value of Solar customer versus a non-Value of Solar customer are approximately \$322 in one-time expenses and \$1.03 in on-going monthly costs.

Of the \$322 in estimated one-time additional costs, \$241 is related to the cost of purchasing and installing the requisite VOS meters. This estimated expense includes the cost of the meters as well as staff salary and benefit expenses. \$81 is associated with programming the meter reading system to pull data from the VOS meters. This estimated expense includes staff salary and benefit expenses. The \$1.03 of on-going monthly additional expenses is related to monthly meter reads of the VOS meters.

Components of the distribution system are normally positively impacted by distributed residential solar because the generation resource can offset load on the distribution components and thereby reduce overall distribution system losses. Only in cases of high concentrations of distributed solar — such that the localized capacity of distributed solar exceeds the capacity of existing distribution components — is the system impacted negatively. In these cases, the VOS customer is responsible for 100% of the cost to upgrade the component so that the system is not impacted.

Other costs for maintenance and billing are de minimis because meter maintenance or replacements are rare and the billing system applies VOS credits to an existing residential account and generates a credit on a bill which exists regardless of whether solar has been connected or not.

Prepared by: DS
Sponsored by: Elaina Ball

AELIC 7-16 In response to AELIC RFI No. 3-18 AE responded without explaining how each consideration impacted AE's load making the response unclear. Moreover, AE failed to address the cost considerations requested to be addressed. Please provide what cost considerations are involved in AE's design of a distribution system for each consideration identified in AELIC RFI No. 3-17 to AE. For instance, AE responded in AELIC RFI No. 3-18 A saying the "size of the residential structure typically relates to the size of the load." What does this mean? Does this mean the larger the house, the greater the demand. How does this factor impact costs of the distribution system?

ANSWER:

A. With regard to the size of a residential structure, AE takes into account many factors when designing a distribution system for a residential development, including:

- The number of structures on a property (e.g., main house, guesthouse, guard house, etc.);
- The size of each structure (in square feet);
- The use type of the structures (e.g., single family, multifamily, garage workshop, guest house, pool house, etc.);
- The fuel types used on the property (e.g., all electric or dual fuel – electric & gas); and
- Whether there are any specialty loads on site (e.g., large workshop equipment).

For example, a 5,000 square foot home typically uses more power than a 2,000 square foot home. All other variables being equal (fuel type, use type, etc.), the difference can typically be attributed to air conditioning load; thus, a larger building requires more electricity to cool the larger volume of air as compared to a smaller building. In such instances, a larger home may require higher rated infrastructure — such as a 320 amp meter (vs. a 200 amp meter), larger service wire, larger transformer, etc. — to meet the demand of the larger infrastructure. This higher rated infrastructure can lead to increased cost; however, under the City Council's current line extension policy, 100% of these costs are paid upfront by the customer requesting this service.

B. With regard to the size of the property on which the structures are located, the location of the residential structures compared with the location of the service feed is used in determining the amount of infrastructure that is required to provide service. For example, buildings erected further away from the source of electricity typically require longer power lines to provide power to the meter at the structure. This increases the cost to provide power because more wire and/or poles are required due to the longer distance between source and meter; however, under the City Council's current line extension policy, 100% of these costs are paid upfront by the customer requesting this service.

- C. With regard to the demand of the structures, AE must take into consideration the electrical demand of the residential structures and whether there have been any improvements made on the property — such as swimming pools, hot tubs, and landscaping — when sizing electrical infrastructure. These higher demand loads often increase the infrastructure required to serve the customer (such as wire, poles, transformers, meter, etc.) and therefore, increase installation cost. However, under the City Council's current line extension policy, 100% of this cost is paid upfront by the customer requesting this service.
- D. With regard to the geology of the subdivision, Austin Energy considers various geological factors when designing the facilities that are required to serve new customers. Infrastructure, such as pole heights, framing, and other equipment as well as the locations of the infrastructure may all be impacted by the geology of the subdivision. In cases, where there is a large grade change — i.e., a hill or valley — more poles may be required than normal in order to maintain National Electric Safety Code clearances. The additional infrastructure may increase the installation costs; however, under the City Council's current line extension policy, 100% of this cost is paid upfront by the customer requesting this service.

Prepared by: DS
Sponsored by: Elaina Ball

AELIC 7-17 Please provide the aggregate kWh usage by residential customers whose service is located outside the Austin City limits for each of the following tiers broken out by the summer surcharge months and the winter months:

- A. Summer
 - 1. 0-500kWh
 - 2. 501-1000kWh
 - 3. 1001-1500kWh
 - 4. 1501-2500kWh
 - 5. 2501kWh and over
- B. Winter
 - 1. 0-500kWh
 - 2. 501-1000kWh
 - 3. 1001-1500kWh
 - 4. 1501-2500kWh
 - 5. 2501kWh and over

(If the kWh data using these tiers is not available, then AE may utilize the usage blocks it relied upon in deriving bill impacts. See WPH-3.1.2 and WP H-3.1.2.1, Bates Stamp pp. 1028 and 1029)

ANSWER:

The aggregate data for residential customer class can be found within the 'AE RFP' model on WP H-5.1 under column 'D' for outside city limits, lines 25-29 for summer and lines 33-37 for winter.

Prepared by: CM
Sponsored by: Mark Dombroski

AELIC 7-18 Please provide the aggregate kWh usage by residential customers whose service is located within the Austin City limits for each of the following tiers broken out by the summer surcharge months and the winter months:

- A. Summer
 - 1. 0-500kWh
 - 2. 501-1000kWh
 - 3. 1001-1500kWh
 - 4. 1501-2500kWh
 - 5. 2501kWh and over
- B. Winter
 - 1. 0-500kWh
 - 2. 501-1000kWh
 - 3. 1001-1500kWh
 - 4. 1501-2500kWh
 - 5. 2501kWh and over

(If the kWh data using these tiers is not available, then AE may utilize the usage blocks it relied upon in deriving bill impacts. See WP H-3.1.1 and WP H-3.1.1.1, Bates Stamp pp. 1026 and 1027)

ANSWER:

The aggregate data for residential customer class can be found within 'AE RFP' model on WP H-5.1 under column 'A' for inside city limits, lines 25-29 for summer and lines 33-37 for winter.

Prepared by: CM
Sponsored by: Mark Dombroski

AELIC 7-19 In AE's response to AELIC RFI No.3-3 to AE, a "Demand meter" and an "S-Net meter" were identified as in service to residential customers receiving three-phase electric service. In its response to AELIC RFI No. 1-14 AE did not identify a "demand meter" as a meter maintained and operated by AE for residential customers. Also, in that same response, AE identified a Net meter, not a S-Net meter. Please explain how the "demand meter" for residential customers receiving three-phase electric service is used by AE to provide service to these customers. In your explanation, please explain why this meter was not identified in your response to AELIC RFI No. 1-14 and what the average cost of this meter is. Please also identify where this meter is located in AE's COS.

ANSWER:

The Demand meter type was inadvertently omitted from the response to AELIC 1-14 and AELIC 1-15; please see Austin Energy's Supplemental Response to AELIC's RFI No. 1-14 and 1-5. The average cost for the Demand meter type used for residential service ranges from \$226 to \$396. Demand meters are a meter make and model that is capable of registering energy at a higher voltage. A residential Demand meter type collects the same meter register data as the Simple meter type. Demand meters are installed on a residential premise based on the size of their service and load.

The Cost of Service does not distinguish between meter types by customer class. The COS uses the average cost of the most common meter. The average cost of meters is shown in Work Paper F-6.3, line 6. The supporting document for the meter cost during the Test Year has been provided in AE's Response to NXP/Samsung RFI No. 5-15.

Prepared by: JL
Sponsored by: Elaina Ball

AELIC 7-20 The S-Net meter identified by AE in its response to AELIC RFI No. 3-3 was not specifically identified in AE in its response to AELIC RFI No. 1-14 that requested AE to identify all meters used to serve residential customers. Please explain why it was not. Also, please briefly explain how AE uses this meter to provide service to these residential customers receiving three-phase electric service. Please provide the average cost for this meter. Please also identify where this meter is located in the COS.

ANSWER:

The Net meter identified in Austin Energy's Response to AELIC's RFI No. 1-14 is the same meter as the S-Net (Simple Net) meter listed in Austin Energy's Response to AELIC RFI No. 3-3. Austin Energy used the abbreviated name for this type of meter in its Response to AELIC RFI No. 1-14. Simple Net meters are used to measure kWh delivered to the distribution grid from a customer's premise and kWh received by the customers from the distribution grid. The data read from Simple Net meters do not differ by the phase of electric service. The average cost of Simple Net meters is \$160 as shown in Austin Energy's Response to AELIC RFI No. 1-14 and shown in Work Paper F-6.3, line 6.

The Cost of Service does not distinguish between meter types by customer class. The COS uses the average cost of the most common meter. The average cost of meters is shown in Work Paper F-6.3, line 6. The supporting document for the meter cost during the Test Year has been provided in AE's Response to NXP/Samsung RFI No. 5-15.

Prepared by: JL
Sponsored by: Elaina Ball

AELIC 7-21 For each meter type identified in your response to AELIC RFI No. 1-14 to AE, please provide the following:

- A. A brief explanation of how AE uses the meter to provide service to residential customers;
- B. How the meter is different from the other types of meters identified

ANSWER:

Below, Austin Energy includes information for the meter types included in AE's Supplemental Response to AELIC's RFI No. 1-14.

Meter Type	(A)	(B)
Simple	Measures the kWh delivered to the resident	This is the most common type of residential meter
PV	Measures the kWh generated by the customers' photovoltaic array	This meter is used by Value of Solar customers
S-NET (Simple Net)	Measures the kWh delivered to the distribution grid and received by the customer from the distribution grid	This meter is used by Value of Solar customers
TOU (Time of Use)	Measures the kWh delivered to the resident in accordance with a Time of Use schedule	Differs from simple meters in that it collects reading data by time of use
EV	Measures the kWh delivered to the customer's electric vehicle charging station	This meter is used by the plug-in electric hybrid pilot
Demand	Measures the kWh delivered to the resident	This meter is used by customers with higher loads
Simple-D	Same as a Simple Meter.	Can disconnect service remotely
TOU-R-Net	Measures net energy in accordance with a Time of Use schedule	Combines the functionality of a TOU and S-Net meter

Prepared by: JL
Sponsored by: Elaina Ball

AELIC 7-22 Does AE maintain and operate any other meters for residential customers than those identified in AELIC RFI Nos.3-3 and 1-14. If so, please list each such meter; provide a brief explanation of how AE uses the meter to provide service to residential customers; the average cost for the meter; and how the meter is different from the other types of meters identified in responding to the AELIC RFIs referred to in the previous sentence. Please also identify where the meter is located in AE's COS.

ANSWER:

Please refer AE's Supplemental Response to AELIC 1-14. In addition to those meter types originally identified in AE's Response to AELIC RFI Nos. 1-14 and 3-3, AE operates Simple-D and TOU-R-NET meter types for residential customers. These meter types are variants of the Simple and TOU meters previously identified.

The Simple meter types are currently being replaced with a Simple-D meter type. The Simple-D meter types perform the same functions as Simple meters. Simple-D meters have the added functionality of a remote disconnect. The average cost of the Simple-D meter is the same as shown for the Simple meter type in AE's Response to AELIC RFI No. 1-15.

The TOU-R-Net meter type is a variant of the TOU meter listed in AE's Response to AELIC RFI No. 1-14. There is no difference in cost between the TOU-R-Net and TOU residential meters. The TOU-R-Net meter measures the kWh delivered to the distribution grid by the customer and received by the customer from the distribution grid. Additionally, the TOU-R-Net meter also collects the meter read by the time of use schedule. This new meter type has not been widely deployed.

The Simple-D and TOU-R-Net meter types were not use during the test year. Therefore, they are not in the COS.

Prepared by: JL
Sponsored by: Elaina Ball

AELIC 7-23 When did AE cease operating the Holly Power Plant to produce electric energy? In your response please also address when AE commenced Holly Power plant decommissioning activities as that term is used by AE at p. 4-71, Bates Stamp p. 100 of its rate filing package.

ANSWER:

By agreement of the parties, this request has been withdrawn.

Prepared by: -

Sponsored by: -

AELIC 7-24 What are the termination dates for each of the coal supply contracts to which AE is a joint signatory with LCRA that are either in operation now or were in operation during the TY 2014. (Reference: AE response to AELIC RFI No. 4-15.)

ANSWER:

This request is subject to a pending objection. Austin Energy has determined the request seeks information that is related to competitive matters and, thus, not subject to disclosure pursuant to Tex. Gov't Code § 552.133, Confidentiality of Public Power Utility Competitive Matters.

Prepared by: EB
Sponsored by: Elaina Ball

AELIC 7-25 For each of the coal supply contracts whose termination dates are identified in RFI No. 7-24, please identify and quantify any costs such as financing penalty for early termination or for liquidated damages AE may incur as a signatory to the contract for early termination of the contract.

ANSWER:

This request is subject to a pending objection. Austin Energy has determined the request seeks information that is related to competitive matters and, thus, not subject to disclosure pursuant to Tex. Gov't Code § 552.133, Confidentiality of Public Power Utility Competitive Matters.

Prepared by: EB
Sponsored by: Elaina Ball

AELIC 7-26 Does AE agree that AE's business operations must be consistent with its financial policy to maintain a debt service coverage ratio of not less than 2.0x on electric utility revenue bonds? (Reference: p. 4-58, Bates Stamp, p. 087).

ANSWER:

This question refers to Austin Energy's financial policy #6. As such, Austin Energy agrees that it should comply with Financial Policy 6, found in Appendix D, Bates Stamp 368, in Austin Energy's Tariff Package and which states:

"Debt service coverage of a minimum of 2.0x shall be targeted for the Electric Utility Bonds. All short term debt, including commercial paper, and non-revenue obligations will be included at 1.0x."

Austin Energy sets retail rates in compliance with Financial Policy 17 also found in Appendix D, starting on Bates Stamp 370, which states in essence that rates will be set using a cash flow method. Once electric rates are designed using the cash flow method, they should produce revenues that ensure a minimum debt service coverage of 2.0x on electric utility revenue bonds.

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-27 Please identify each of the cost components AE included in deriving its \$21.68 cost of service customer charge. (Reference: AE response to Rourke RFI No. 1-5).

ANSWER:

\$3.90 is the customer related revenue requirement found on schedule G-4 (\$23 million) allocated to the classes on schedule G-6 (\$18 million) then divided by the number of customer months on schedule G-8 (4.6 Million)

17.78 is the customer related revenue requirement found on schedule G-5 (\$95 million) allocated to the classes on schedule G-6 (\$82 million) then divided by the number of customer months on schedule G-8 (4.6 Million)

Prepared by: MM
Sponsored by: Mark Dombroski

AELIC 7-28 For each cost component identified in RFI No. 7-27, please provide the following:

- A. The aggregated cost of that component for the residential customer class that was included in deriving the cost of service customer charge;
- B. The amount included in the \$21.68 cost of service customer charge.
- C. A brief explanation of how that cost was used to derive the cost of service customer charge. In your explanation, please provide the underlying calculation(s) used to derive the cost of service customer charge. (For instance, the cost of the "X" component was divided by the number of TY 2014 residential customers)
- D. Where that cost component is located in the COS.

ANSWER:

- A. The aggregate cost of the components that derived the customer charge and the amounts can be found within 'AE RFP' model on Schedule G-8 under column 'C' or Schedule H-5.4 under column 'B'.
- B. The aggregate cost of the components that derived the customer charge and the amounts can be found within 'AE RFP' model on Schedule G-8 under column 'C' or Schedule H-5.4 under column 'B'.
- C. The underlying calculations used to derive the customer charge can be found within 'AE RFP' model on Schedule G-8 under column 'C' or Schedule H-5.4 under column 'B'. Please refer to 'Austin Energy's Tariff Package: 2015 Cost of Service Study and Proposal to Change Base Electric Rates,' under Chapters 5 and 6 for an explanation of how the cost was used to derive the cost of service customer charge.
- D. All of the individual cost components are derived in Schedules G-1 through G-7 within 'AE RFP' model.

Prepared by: CM
Sponsored by: Mark Dombroski

AELIC 7-29 Please identify each of the cost components AE included in deriving its \$17.59 for its cost of service electric delivery charge.

ANSWER:

\$17.59 is the demand related revenue requirement found on schedule G-4 (\$177 million) allocated to the classes on schedule G-6 (\$81 million) then divided by the number of customer months on schedule G-8 (4.6 Million).

Prepared by: MM
Sponsored by: Mark Dombroski

AELIC 7-30 For each component identified in RFI No. 7-29, please provide the following:

- A. The aggregated cost of that component for the residential customer class that was included in deriving the cost of service electric delivery charge.
- B. The amount included in the \$17.59 cost of service electric delivery charge.
- C. A brief explanation of how that cost was used to derive the cost of service electric delivery charge. In your explanation, please provide the underlying calculation(s) used to derive the cost of service electric delivery charge. (For instance, the cost of "X" component was divided by the number of TY 2014 residential customers)
- D. Where that cost component is located in the COS.

ANSWER:

- A. The aggregate cost of the components that derived the customer charge and the amounts can be found within 'AE RFP' model on Schedule G-8 under column 'C'.
- B. The aggregate cost of the components that derived the customer charge and the amounts can be found within 'AE RFP' model on Schedule G-8 under column 'C'.
- C. The underlying calculations used to derive the customer charge can be found within 'AE RFP' model on Schedule G-8 under column 'C'. Please refer to 'Austin Energy's Tariff Package: 2015 Cost of Service Study and Proposal to Change Base Electric Rates,' under Chapters 5 and 6 for an explanation of how the cost was used to derive the cost of service electric delivery charge.
- D. All of the individual cost components are derived in Schedules G-1 through G-7 within 'AE RFP' model.

Prepared by: CM
Sponsored by: Mark Dombroski

AELIC 7-31 Please explain how AE derived the \$.03069 cost of service energy charge. In your explanation, please provide the underlying calculations used to derive the cost of service energy charge. (Reference: AE Response to Rourke's 1st RFI No. 1-5).

ANSWER:

The .0369 represents the sum of the production costs allocated on demand on schedule G-6 (\$143 million) less the amount to be recovered in the energy efficiency charge on schedule G-7 (\$14 million) divided by the annual billed energy kWh on schedule G-8 (4.2 billion).

Prepared by: MM
Sponsored by: Mark Dombroski

AELIC 7-32 Please explain how AE's transmission O&M expenses went from a Texas Public Utility Commission finding of \$10,884,465 in 2006 (Reference: PUC Docket No. 31462, Final Order, FOF No. 12A) to \$145,698,897 (characterized as nonfuel O&M) in this rate filing? (Reference: Schedule A, Bates Stamp p. 767). In your explanation please identify cost elements that were not included in both the transmission O&M expenses determined in PUC Docket No. 31462 and the amount included as nonfuel transmission O&M expenses in this rate filing.

ANSWER:

This request is subject to a pending objection.

Prepared by: CG
Sponsored by: Mark Dombroski

AELIC 7-33 For each cost element identified in RFI No. 7-32, please explain why it was not included in both O&M amounts.

ANSWER:

This request is subject to a pending objection.

Prepared by: CG
Sponsored by: Mark Dombroski

AELIC 7-34 For each reserve where AE uses its nonfuel O&M as its base to calculate the reserve amount (i.e. working capital reserve equals 45 days of nonfuel (also referred to as "non-power supply") O&M), what was the dollar amount of nonfuel O&M AE used as a base to calculate the reserve.

ANSWER:

Please see WP C-3.2.1, Line 9, Columns (A) and (B) in the RFP.

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-35 In Attachment 1, p.1 of 89, AE's response to AELIC (referred to as "TLSC") RFI No. 1-32, there are two vertical columns entitled Austin Energy Calculation and PUCT. Please explain what those two columns represent. In your explanation, please explain what is meant by "Austin Energy Calculation" and what is meant by "PUCT". Also, please address why the working capital amount set out under "PUCT" is less than the working capital amount set out under Austin Energy Calculation. Lastly, please address why reductions for Materials and supplies and for Pre-paid expenses were made under "PUCT" but not under "Austin Energy Calculation."

ANSWER:

As part of evaluating Austin Energy's reserves, NewGen compared — for informational purposes — the cash working capital calculation under AE's financial policies (the "Austin Energy Calculation") to what is allowed at the Public Utility Commission of Texas as part of developing a utility's rate base (the "PUCT" calculation).

Reductions for materials and supplies for pre-paid expenses were not made under the "Austin Energy Calculation" because AE's Financial Policy No. 11 indicates operating cash should be evaluated based on 45 days of operations and maintenance expense, less fuel and purchased power.

When calculating rate base, P.U.C Subst. R. 25.231(c)(2)(B)(iii)(I) states:

Cash working capital for electric utilities shall in no event be greater than one-eighth of total annual operations and maintenance expense, excluding amounts charged to operations and maintenance expense for materials, supplies, fuel, and prepayments.

Materials, supplies and prepayments are excluded from the cash working capital element of rate base at the PUCT because these items are, themselves, separately identified elements of rate base. Thus, removing them from the cash working capital calculation prevents them from being double counted.

The exclusion of materials, supplies and prepayments from the cash working capital calculation is what results in the difference in the calculated working capital amounts under "Austin Energy Calculation" and "PUCT" on the cited worksheet.

Again, this comparison was performed for informational purposes only and had no direct impact on the overall financial reserves analysis.

Prepared by: GR
Sponsored by: Elaina Ball

AELIC 7-36 For each expense item identified below, please state whether you included that expense into your calculation of working capital reserve.

- A. Prepayments
- B. Materials
- C. Supplies
- D. Depreciation
- E. Other taxes
- F. Non-nuclear reserve

ANSWER:

Prepayments, materials, and supplies along with non-nuclear decommissioning expense which would fund non-nuclear reserves were included in the calculation of the working capital reserve. Depreciation and other taxes were not included.

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-37 Please provide the amount for each expense item identified below that was included in AE's COS.

- A. Prepayments
- B. Materials
- C. Supplies
- D. Depreciation
- E. Other taxes
- F. Non-nuclear reserve

ANSWER:

- A. Prepayments - \$16,562,661
- B. Materials - \$11,017,068
- C. Supplies – Supplies expensed to O&M are included in the response to (b) above
- D. Depreciation - \$145,651,759
- E. Other taxes - \$1,407,353
- F. Non-nuclear decommissioning expense which would fund non-nuclear reserves - \$19,442,308

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-38 Did AE calculate its cash working capital in this rate filing the same way it calculated its cash working capital requirements in its TCOS filing in PUC Docket No. 31462? (This question is calling for a "formula" response.).

ANSWER:

Yes. The cash working capital in both this rate filing and Docket No. 31462 was calculated using the 1/8th rule as shown on Schedule B-9, Bates Stamp 797, in the RFP.

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-39 If the answer to RFI No. 7-38 is no, please explain the differences in AE's calculations.

ANSWER:

Not applicable.

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-40 Please provide the formula relied upon by rating agencies to measure a public power's number of days of cash on hand. In providing the formula, please briefly identify and define the components of the formula. (Reference: footnote No.1, p. 4-72, Bates Stamp p. 101).

ANSWER:

Austin Energy is not responsible for the rating agencies' calculations and, therefore, cannot speak to their methodologies.

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-41 Please explain what operating expenses 150 days "cash on hand" is supposed to cover.

ANSWER:

One hundred fifty (150) days cash on hand is a measure of a level of cash reserves. Please see the discussion on reserves and their purposes at Section 4.4 starting on 4-65 (Bates Stamp 094) in Austin Energy's Tariff Package.

Prepared by: RM
Sponsored by: Mark Dombroski

AELIC 7-42 Please identify each of the cost components AE included in deriving its \$.03069 cost of service energy charge. (Reference: AE Response to Rourke 1st RFI to AE, RFI No. 1-5).

ANSWER:

Please see AE's Response to AELIC RFI No. 7-31.

Prepared by: MM
Sponsored by: Mark Dombroski

AELIC 7-43 For each cost component identified in RFI No. 7-42, please provide the following:

- A. The aggregated cost of that component for the residential customer class that was included in deriving the cost of service energy charge;
- B. A brief explanation of how that cost was used to derive the of service energy charge. In your explanation, please provide the underlying calculation(s) used to derive the cost of service energy charge; (For instance, the cost of the "X" component was divided by the number of kWh at the meter)
- C. Where that cost component is located in the COS.

ANSWER:

- A. The aggregate cost of the components that derived the customer charge and the amounts can be found within 'AE RFP' model on Schedule G-8 under column 'C'.
- B. The underlying calculations used to derive the customer charge can be found within 'AE RFP' model on Schedule G-8 under column 'C'. Please refer to 'Austin Energy's Tariff Package: 2015 Cost of Service Study and Proposal to Change Base Electric Rates,' under Chapters 5 and 6 for an explanation of how the cost was used to derive the cost of service energy charges.
- C. All of the individual cost components are derived in Schedules G-1 through G-7 within 'AE RFP' model.

Prepared by: CM
Sponsored by: Mark Dombroski

AELIC 7-44 Please identify, including horizontal and vertical column references, where the kWh usage AE relied upon in deriving its cost of service is located in its COS.

ANSWER:

Please refer to Work Paper F-6.1, columns (A) through (M), line numbers 63 through 74. Work Paper F-6-1 is utilized for class cost of service allocators.

Additionally, please refer to Work Papers H-5.1 through H-5.14, columns (A) and (D). The lines vary by work paper. These work papers are used for rate design.

Prepared by: JL
Sponsored by: Mark Dombroski