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SOAH DOCKET NO. 473-15-3686
DOCKET NO. 44698

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APPLICATION OF SOUTHWESTERN § BEFORE THE STATE OFFICE
PUBLIC SERVICE COMPANY TO §
ADJUST ITS ENERGY EFFICIENCY § OF
COST RECOVERY FACTOR § ADMINISTRATIVE HEARINGS

SOUTHWESTERN PUBLIC SERVICE COMPANY'S
RESPONSE TO COMMISSION STAFF'S
SECOND REQUEST FOR INFORMATION
QUESTION NOS. 2-1 THROUGH 2-5

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**SOAH DOCKET NO. 473-14-3447
DOCKET NO. 42454**

**APPLICATION OF SOUTHWESTERN § BEFORE THE STATE OFFICE
PUBLIC SERVICE COMPANY TO §
ADJUST ITS ENERGY EFFICIENCY § OF
COST RECOVERY FACTOR § ADMINISTRATIVE HEARINGS**

**SOUTHWESTERN PUBLIC SERVICE COMPANY'S
RESPONSE TO COMMISSION STAFF'S
SECOND REQUEST FOR INFORMATION
QUESTION NOS. 2-1 THROUGH 2-5**

Southwestern Public Service Company ("SPS") files this response to Commission Staff's ("Staff") second Request for Information, Question Nos. 2-1 through 2-5.

I. WRITTEN RESPONSES

SPS's written responses to Staff's second Request for Information are attached and incorporated by reference. Each response is stated on or attached to a separate page on which the request has been restated. SPS's responses are made in the spirit of cooperation without waiving SPS's right to contest the admissibility of any of these matters at hearing. Pursuant to 16 Tex. Admin Code § 22.144(c)(2)(A) (TAC), each response lists the preparer or person under whose direct supervision the response was prepared and any sponsoring witness. When SPS provides certain information sought by the request while objecting to the provision of other information, it does so without prejudice to its objection in the interests of narrowing discovery disputes pursuant to 16 TAC § 22.144(d)(5). Pursuant to 16 TAC § 22.144(c)(2)(F), SPS stipulates that its responses may be treated by all parties as if they were made under oath.

II. INSPECTIONS.

If responsive documents are more than 100 pages but less than eight linear feet in length, the response will indicate that the attachment is voluminous (“(V)”) and, pursuant to 16 TAC § 22.144(h)(2), the exhibit will be made available for inspection at SPS’s voluminous room at 401 Congress Avenue, Suite 2100, Austin, Texas 78701; telephone number (512) 370-2867. Voluminous exhibits will also be provided on CD to any requesting party. Further, SPS will upload all voluminous documents, along with all native files for review to SPS’s Sharepoint website:

[http://collaboration.xcelenergy.com/sps/SPSFinalRateCases/Docket%20No%2044698/Fo
rms/AllItems.aspx](http://collaboration.xcelenergy.com/sps/SPSFinalRateCases/Docket%20No%2044698/Fo
rms/AllItems.aspx)

All parties will be provided a log in identification number at time of intervention to access the Sharepoint website.

If a response or the responsive documents are provided pursuant to the protective order in this docket, the response will indicate that it or the attachment is either confidential (“CONF”) or highly Sensitive (“HS”) as appropriate under the protective order. Confidential and Highly Sensitive materials will be served on all parties that have signed and filed the certification under the protective order entered in this docket. Confidential and Highly Sensitive responsive documents will also be made available for inspection at SPS’s voluminous room, unless they form a part of a response that exceeds eight linear feet in length; then they will be available at their usual repository in accordance with the following paragraph. Please call in advance for an appointment to ensure that there is sufficient space to accommodate your inspection.

If responsive documents exceed eight linear feet in length, the response will indicate that the attachment is subject to the FREIGHT CAR DOCTRINE, and, pursuant to 16 TAC § 22.144(h)(3), the attachment will be available for inspection at its usual repository, SPS's offices in Amarillo, Texas, unless otherwise indicated. SPS requests that parties wishing to inspect this material provide at least 48 hour notice of their intent by contacting Ron Moss of Winstead P.C., 401 Congress Avenue, Suite 2100, Austin, Texas 78701; telephone number (512) 370-2867; facsimile transmission number (512) 370-2850; email address rhmoss@winstead.com. Inspections will be scheduled to accommodate all requests with as little inconvenience to the requesting party and to SPS's operations as possible.

Respectfully submitted,



XCEL ENERGY SERVICES INC.

WINSTEAD PC

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ATTORNEYS FOR
SOUTHWESTERN PUBLIC SERVICE COMPANY

*PUC Docket No. 44698
SOAH Docket No. 473-15-3686
Southwestern Public Service Company's Response to
Staff's Second Request for Information*

RESPONSES

QUESTION NO. Staff 2-1:

For each of the Company's base-rate schedules that contains customers that (a) received energy efficiency services in 2014, (b) was assessed the EECRF in 2014, or (c) is assigned budgeted costs in the Company's 2016 energy efficiency plan, please provide the following actual historical information from program year 2014:

- (a) Incentive payments received;
- (b) EECRF billing units;
- (c) Administrative expenses directly assigned to that rate schedule;
- (d) Administrative expenses allocated to that rate schedule;
- (e) Research and development expenses directly assigned to that rate schedule;
- (f) Research and development expenses allocated to that rate schedule;
- (g) Evaluation, Measurement and Verification expenses directly assigned to that rate schedule;
- (h) Evaluation, Measurement and Verification expenses allocated to that rate schedule.

RESPONSE:

- (a) Please refer to Exhibit SPS-Staff 2-1.
- (b) Please refer to page 4 of Attachment JLC-1.
- (c) None.
- (d) Please refer to page 5 of Attachment JLC-1.
- (e) None.
- (f) Please refer to page 5 of Attachment JLC-1.
- (g) None.
- (h) Please refer to page 5 of Attachment JLC-1.

Preparer: Jeffrey L. Comer
Sponsor: Jeffrey L. Comer

QUESTION NO. Staff 2-2:

For each of the Company's base-rate schedules that contains customers that (a) received energy efficiency services in 2014, (b) was assessed the EECRF in 2014, or (c) is assigned budgeted costs in the Company's 2016 energy efficiency plan, please provide the following *budgeted and/or forecasted* information for program year 2016:

- (a) Incentive Payments;
- (b) EECRF billing units;
- (c) Administrative expenses directly assigned;
- (d) Administrative costs allocated;
- (e) Research and development expenses directly assigned;
- (f) Research and development expenses allocated;
- (g) Evaluation, Measurement and Verification expenses directly assigned;
- (h) Evaluation, Measurement and Verification expenses allocated.

RESPONSE:

- (a) Please refer to pages 2 and 3 of Attachment JLC-1.
- (b) Please refer to pages 2 and 3 of Attachment JLC-1.
- (c) Please refer to pages 2 and 3 of Attachment JLC-1.
- (d) Please refer to pages 2 and 3 of Attachment JLC-1.
- (e) None.
- (f) Please refer to pages 2 and 3 of Attachment JLC-1.
- (g) None.
- (h) Please refer to pages 2 and 3 of Attachment JLC-1.

Preparer: Jeffrey L. Comer
Sponsor: Jeffrey L. Comer

QUESTION NO. Staff 2-3:

For any amounts that were allocated in SPS's response to Staff 2-1 and 2-2, please (a) explain the allocation basis, if any, (b) explain the basis for any departures from the allocation basis specified in the Commission's EE rule, if any, (c) provide the work papers that support the derivation of the allocation factor, if any, and (d) provide a brief narrative justification for the Company's assignment or allocation basis.

RESPONSE:

- (a) SPS allocates its Energy Efficiency costs based upon each customer class's share of incentive payments made or forecasted for the program year.
- (b) None.
- (c) Please refer to pages 2 and 3 of Attachment JLC-1.
- (d) Section (f)(2) of Rule 25.181 states that costs should be directly assigned to "the maximum extent reasonably possible." Since SPS's programs are not designed for a specific customer class, the allocation of costs directly to a customer class is not possible. Therefore, SPS allocates its costs based upon each customer class's share of the incentive payments made or forecasted for the program year. This methodology is reasonable in that it rightly assumes that non-incentive costs are likely to be correlated with the value of incentive payments. EM&V costs are provided by the third-party evaluator and are broken down by program not rate class.

Preparers: Michael V. Pascucci, Jeffrey L. Comer
Sponsors: Michael V. Pascucci, Jeffrey L. Comer

QUESTION NO. Staff 2-4:

Please explain the Company's proposed treatment of the EM&V amounts in its proposed true-up methodology for program year 2014, including (a) the program years that the associated EE measures were implemented, (b) the year that the EM&V activities took place, (c) the EECRF rate year that the budgeted amounts were reflected in the EECRF revenue requirement, (d) the EECRF docket in which the amounts were approved, (e) the variance between the EM&V contractor's projected expenses and its actual expenses, if any.

RESPONSE:

SPS is requesting recovery of \$107,127 that was incurred during program years 2013 and 2014 for the evaluation of program years 2012 and 2013. In Docket No. 41446, SPS was approved to recover \$107,890 in allocated EM&V costs. The variance between these costs is \$763.

Preparer: Michael V. Pascucci
Sponsor: Michael V. Pascucci

QUESTION NO. Staff 2-5:

If the measures that were the subject of the EM&V activities that the Company reflected in its 2014 true-up were implemented in multiple program years, please provide the actual historical incentive payments received by each rate schedule in each program year.

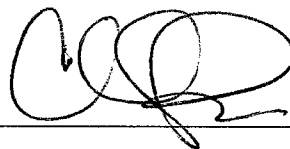
RESPONSE:

Please see page 5 of Exhibit SPS-Staff 2-5.1 and SPS-Staff 2-5.2 which are the allocations of incentive costs by rate class for the 2012 and 2013 program years, respectively.

Preparers: Michael V. Pascucci, Jeffrey L. Comer
Sponsors: Michael V. Pascucci, Jeffrey L. Comer

CERTIFICATE OF SERVICE

I certify that on the 26th day of June, 2015, a true and correct copy of the foregoing document was served on all parties of record by electronic service and by hand delivery, Federal Express, regular first class mail, certified mail, or facsimile transmission.

A handwritten signature in black ink, consisting of several loops and a final horizontal stroke, positioned above a horizontal line.

Southwestern Public Service Company

2014 Incentive Payments by Base Rate Schedule

Base Rate Schedule	Hard-to-Reach	Large Commercial SOP	Recommissioning MTP	Residential SOP	Small Commercial SOP	Low Income Weatherization	Load Management SOP	Grand Total
Large Municipal Service	\$ -	\$ 9,265.4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,265
Large School Service	-	245,511	-	-	534	-	-	246,045
Residential Space Heat	100,561	-	-	203,668	-	123,568	-	427,797
Residential	253,604	78,313	-	325,305	-	138,109	-	795,331
Small General Service	675	10,105	-	2,472	7,396	-	-	20,648
Small Municipal-School	-	1,717	-	-	-	-	-	1,717
Secondary General	-	177,599	226,744	-	57,969	1,633	65,750	529,695
Primary General	-	-	-	-	-	-	23,700	23,700
Grand Total	\$ 354,840	\$ 522,510	\$ 226,744	\$ 531,445	\$ 65,898	\$ 263,310	\$ 89,450	\$ 2,054,198
Residential	\$ 354,840	\$ 78,313	\$ -	\$ 531,445	\$ -	\$ 263,310	\$ -	\$ 1,227,908
Commercial	-	444,197	226,744	-	65,898	-	89,450	826,290
Total	\$ 354,840	\$ 522,510	\$ 226,744	\$ 531,445	\$ 65,898	\$ 263,310	\$ 89,450	\$ 2,054,198

Southwestern Public Service Company
Calculation of EECRF Rates
For the 2014 Program Year

Line No	Customer Class	Allocated 2014 Program Costs	Plus/minus Under/(Over) Recovery of 2012 PY Costs	Plus 40293 Rate Case Expenses	Net Under/(Over) Recovery of 2012 PY Costs	Plus Performance Bonus	Net Recoverable Costs in 2014 Program Year ¹	Divided by: Net 2014 EECRF Metered kWh	= 2014 EECRF per kWh	Less than 2014 Cap?
1	Residential	\$ 1,566,077	\$ (217,392)	\$ 20,809	\$ (196,583)	\$ 145,252	\$ 1,514,746	2,388,110,386	\$ 0.000634	yes
2	Small General Service	\$ 87,015	\$ (76,380)	\$ 104	\$ (76,275)	\$ 729	\$ 11,468	224,735,278	\$ 0.000051	yes
3	Secondary General Service	\$ 874,561	\$ (183,797)	\$ 8,812	\$ (174,985)	\$ 61,508	\$ 761,083	2,305,963,039	\$ 0.000330	yes
4	Primary General Service	\$ 734,900	\$ (30,460)	\$ 31,617	\$ 1,157	\$ 220,694	\$ 956,750	2,333,365,472	\$ 0.000410	yes
5	Small Municipal and School Service	\$ 6,562	\$ (5,769)	\$ -	\$ (5,769)	\$ -	\$ 793	19,325,063	\$ 0.000041	yes
6	Large Municipal Service	\$ 71,059	\$ (70,076)	\$ -	\$ (70,076)	\$ -	\$ 982	196,942,388	\$ 0.000005	yes
7	Large School Service	\$ 64,681	\$ (53,371)	\$ 367	\$ (53,004)	\$ 2,561	\$ 14,238	180,147,865	\$ 0.000079	yes
8		\$ 3,404,853	\$ (637,245)	\$ 61,709	\$ (575,536)	\$ 430,744	\$ 3,260,061	7,648,589,490		
Maximum Rates:										
		2013	CPI - South Urban	2014						
Customer Class										
9	Residential	\$ 0.001200	1.0150	\$ 0.001218						
10	Small General Service	\$ 0.000750	1.0150	\$ 0.000761						
11	Secondary General Service	\$ 0.000750	1.0150	\$ 0.000761						
12	Primary General Service	\$ 0.000750	1.0150	\$ 0.000761						
13	Small Municipal and School Service	\$ 0.000750	1.0150	\$ 0.000761						
14	Large Municipal Service	\$ 0.000750	1.0150	\$ 0.000761						
15	Large School Service	\$ 0.000750	1.0150	\$ 0.000761						

¹ = Allocated 2014 Program Costs + Net Under/(over) Recovery of 2012 PY Costs + Performance Bonus

Southwestern Public Service Company
Allocation of 2014 EECRF Program Costs - Texas

Line No.		Program Costs	Indirect Program Cost Factor	Residential/ Commercial Shares of Total Program Costs
1	Total Budget	\$ 3,404,853		
	Less:			
2	Research and Development	\$ (260,000)		
3	Evaluation, Measurement and Verification	\$ (107,890)		
4	Program Costs	\$ 3,036,963		
5	Residential	\$ 1,396,864 x	1.1211 =	\$ 1,566,077 46.00%
6	Commercial	\$ 1,640,099 x	1.1211 =	\$ 1,838,776 54.00%
7				\$ 3,404,853
8	Commercial Program Costs	\$ 1,838,776		
9	Allocation by 4-CP	\$ 919,388	50% of Total C&I Program Costs	
10	Allocation by kWh	\$ 919,388	50% of Total C&I Program Costs	

Commercial Allocation Factors

Commercial Customer Class	4-CP ¹		Net Line Loss-adjusted EECRF kWh ²	
11 Small General Service	46,147	5.147%	254,928,013	4.317%
12 Secondary General Service	457,054	50.979%	2,606,685,985	44.146%
13 Primary General Service	322,679	35.991%	2,594,704,738	43.943%
14 Small Municipal and School Service	3,071	0.342%	21,921,347	0.371%
15 Large Municipal Service	35,451	3.954%	222,894,233	3.775%
16 Large School Service	32,161	3.587%	203,597,056	3.448%
17	896,562	100.000%	5,904,731,372	100.000%

Allocation to Commercial Customer Classes

	4-CP	kWh	Total
18 Small General Service	\$ 47,321	\$ 39,693	\$ 87,015
19 Secondary General Service	\$ 468,690	\$ 405,871	\$ 874,561
20 Primary General Service	\$ 330,895	\$ 404,005	\$ 734,900
21 Small Municipal and School Service	\$ 3,149	\$ 3,413	\$ 6,562
22 Large Municipal Service	\$ 36,353	\$ 34,705	\$ 71,059
23 Large School Service	\$ 32,980	\$ 31,701	\$ 64,681
24	\$ 919,388	\$ 919,388	\$ 1,838,776

¹Commercial 4-CP are calculated on page 7 of Attachment RML-1

²Commercial Line Loss-adjusted kWh are calculated on page 6 of Attachment RML-1

Southwestern Public Service Company
Calculation of EECRF Recovery Balances
For the Year Ended December 31, 2012

Customer Class	Actual Program		Amount Charged		Over/(under)	
	Costs				Recovery	
Residential	\$ 857,294		\$ 1,074,686		\$ 217,392	
Small General Service	\$ 2,712		\$ 79,092		\$ 76,380	
Secondary General Service	\$ 573,810		\$ 757,607		\$ 183,797	
Primary General Service	\$ 820,995		\$ 851,455		\$ 30,460	
Small Municipal and School Service	\$ -		\$ 5,769		\$ 5,769	
Large Municipal Service	\$ -		\$ 70,076		\$ 70,076	
Large School Service	\$ 9,529		\$ 62,900		\$ 53,371	
	\$ 2,264,340		\$ 2,901,585		\$ 637,245	
					\$ 637,245	

Detail on 2012 EECRF Billing:	Billed in 2012		Billed in 2013		Total	
	kWh	\$	kWh	\$	kWh	\$
Residential	2,285,955,300	\$ 1,012,648	140,046,288	\$ 62,037.64	2,426,001,588	\$ 1,074,686
Small General Service	206,068,478	\$ 74,993	11,267,995	\$ 4,099.10	217,336,473	\$ 79,092
Secondary General Service	2,174,469,665	\$ 719,741	114,402,594	\$ 37,866.37	2,288,872,259	\$ 757,607
Primary General Service	2,184,085,296	\$ 797,191	148,669,809	\$ 54,264.36	2,332,755,105	\$ 851,455
Small Municipal and School Service	13,912,678	\$ 5,199	1,524,618	\$ 569.54	15,437,296	\$ 5,769
Large Municipal Service	184,226,981	\$ 64,664	15,419,684	\$ 5,412.33	199,646,665	\$ 70,076
Large School Service	162,220,423	\$ 57,589	14,961,545	\$ 5,311.32	177,181,968	\$ 62,900
	7,210,938,821	\$ 2,732,025	446,292,533	\$ 169,561	7,657,231,354	\$ 2,901,585

Southwestern Public Service Company
Allocation of EECRF Rate Case Expenses
From Docket No. 40293

Rate Case Expenses			<u>\$ 61,709</u>
	2012 Program Costs ¹		
Residential	\$ 521,154	33.721%	\$ 20,809
Small General Service	\$ 2,615	0.169%	\$ 104
Secondary General Service	\$ 220,684	14.279%	\$ 8,812
Primary General Service	\$ 791,831	51.235%	\$ 31,617
Small Municipal and School Service	\$ -	0.000%	\$ -
Large Municipal Service	\$ -	0.000%	\$ -
Large School Service	\$ 9,190	0.595%	\$ 367
	<u>\$ 1,545,474</u>	<u>100.000%</u>	<u>\$ 61,709</u>

¹Excludes Low-income Weatherization (\$305,773), R&D (\$35,278), General Administrative costs (\$32,132), and NORESCO (\$346,682).

Southwestern Public Service Company
Allocation of EECRF Performance Bonus
For the year ended December 31st, 2017

	2012 Program Incentives		Performance Bonus Allocation
Residential	\$ 521,154.00	33.721%	\$ 145,252
Small General Service	\$ 2,615.00	0.169%	\$ 729
Secondary General Service	\$ 220,684.00	14.279%	\$ 61,508
Primary General Service	\$ 791,831.00	51.235%	\$ 220,694
Small Municipal and School Service	\$ -	0.000%	\$ -
Large Municipal Service	\$ -	0.000%	\$ -
Large School Service	\$ 9,190.00	0.595%	\$ 2,561
	<u>\$ 1,545,474.00</u>	<u>100.000%</u>	<u>\$ 430,744</u>

¹Excludes Low-income Weatherization (\$305,773), R&D (\$35,278), General Administrative costs (\$32,132), and NORESO (\$346,682).

Southwestern Public Service Company

Calculation of EECRF Line Loss-adjusted kWh, Commercial Customer Classes

Based upon kWh Forecast for 2014

	Forecasted 2014 Metered kWh	Less: 2012 Opt- out kWh	Net EECRF kWh	Multiplied by: kWh Line Loss Factor	Net Line Loss- adjusted EECRF kWh
<u>Commercial Customer Class</u>					
Small General Service	224,735,278	-	224,735,278	1.134348	254,928,013
Secondary General Service	2,311,648,765	(5,685,726)	2,305,963,039	1.130411	2,606,685,985
Primary General Service	2,474,887,819	(141,522,347)	2,333,365,472	1.112001	2,594,704,738
Small Municipal and School Service	19,325,063	-	19,325,063	1.134348	21,921,347
Large Municipal Service	196,942,388	-	196,942,388	see below	222,894,233
Large School Service	180,147,865	-	180,147,865	see below	203,597,056
	<u>5,407,687,177</u>	<u>(147,208,073)</u>	<u>5,260,479,104</u>		<u>5,904,731,372</u>
 Large Municipal Service	174,256,106	-	174,256,106	1.134348	197,667,065
Large Municipal Service - primary	22,686,282	-	22,686,282	1.112001	25,227,168
Total Large Municipal Service	<u>196,942,388</u>	<u>-</u>	<u>196,942,388</u>	<u>1.131774</u>	<u>222,894,233</u>
 Large School Service	177,753,987	-	177,753,987	1.130411	200,935,062
Large School Service - primary	2,393,878	-	2,393,878	1.112001	2,661,994
Total Large School Service	<u>180,147,865</u>	<u>-</u>	<u>180,147,865</u>	<u>1.130166</u>	<u>203,597,056</u>

Southwestern Public Service Company

Calculation of 4 CP, Commercial Customer Classes

Based upon kWh Forecast for 2014

For the EECRF Program Year 2014

	June	July	August	September	4 CP
<u>Commercial Customer Class</u>					
Small General Service	20,878,510	24,288,012	23,313,591	18,515,173	
divided by: load factor at peak	0.6988153	0.8169320	0.8278274	0.7285237	
	29,877,008	29,730,763	28,162,381	25,414,647	
divided by: number of hours	720	744	744	720	
= peak kW	41,496	39,961	37,853	35,298	
multiplied by: line-loss factor	1.1939030	1.1939030	1.1939030	1.1939030	
Coincident Peak kW Demand	49,542	47,709	45,192	42,143	46,147
Secondary General Service					
Less: Opt-out kWh	192,238,254	264,482,687	248,206,025	186,009,763	
	(562,199)	(575,594)	(543,291)	(511,236)	
	191,676,055	263,907,093	247,662,734	185,498,527	
divided by: load factor at peak	0.7617159	0.8014932	0.8111636	0.7669874	
	251,637,198	329,269,285	305,317,859	241,853,422	
divided by: number of hours	720	744	744	720	
= peak kW	349,496	442,566	410,373	335,908	
multiplied by: line-loss factor	1.1884310	1.1884310	1.1884310	1.1884310	
Coincident Peak kW Demand	415,352	525,959	487,701	399,203	457,054
Primary General Service					
Less: Opt-out kWh	159,639,780	230,461,309	209,350,212	171,328,795	
	(11,795,690)	(11,214,037)	(12,463,620)	(12,367,953)	
	147,844,090	219,247,272	196,886,592	158,960,842	
divided by: load factor at peak	0.9776429	0.9596492	0.9580532	0.9435189	
	151,225,043	228,466,060	205,506,951	168,476,584	
divided by: number of hours	720	744	744	720	
= peak kW	210,035	307,078	276,219	233,995	
multiplied by: line-loss factor	1.1568720	1.1568720	1.1568720	1.1568720	
Coincident Peak kW Demand	242,983	355,250	319,550	270,703	297,122
Service Agreement 4					
divided by: load factor at peak	12,865,880	13,935,397	14,727,104	11,871,801	
	0.9617398	1.0454491	1.1012047	0.9488496	
	13,377,714	13,329,579	13,373,630	12,511,783	
divided by: number of hours	720	744	744	720	
= peak kW	18,580	17,916	17,975	17,377	
multiplied by: line-loss factor	1.1568720	1.1568720	1.1568720	1.1568720	
Coincident Peak kW Demand	21,495	20,727	20,795	20,104	20,780
Service Agreement 8					
divided by: load factor at peak	3,005,955	3,572,618	3,683,715	3,316,941	
	1.0382451	1.1350288	1.3637399	0.9936589	
	2,895,227	3,147,601	2,701,186	3,338,108	
divided by: number of hours	720	744	744	720	
= peak kW	4,021	4,231	3,631	4,636	
multiplied by: line-loss factor	1.1568720	1.1568720	1.1568720	1.1568720	
Coincident Peak kW Demand	4,652	4,894	4,200	5,364	4,778
Small Municipal and School Service					
divided by: load factor at peak	1,750,222	1,796,401	1,930,450	1,487,474	
	0.7348010	0.9763333	1.1565307	0.9135809	
	2,381,899	1,839,946	1,669,173	1,628,180	
divided by: number of hours	720	744	744	720	
= peak kW	3,308	2,473	2,244	2,261	
multiplied by: line-loss factor	1.1939030	1.1939030	1.1939030	1.1939030	
Coincident Peak kW Demand	3,950	2,953	2,679	2,700	3,071

Southwestern Public Service Company

Calculation of 4 CP, Commercial Customer Classes

Based upon kWh Forecast for 2014

For the EECRF Program Year 2014

	June	July	August	September	4 CP	
<u>Commercial Customer Class</u>						
Large Municipal Service	15,148,771	17,492,676	19,589,871	16,877,519		
divided by: load factor at peak	0.8807306	0.8810122	1.0099263	0.8202618		
	17,200,233	19,855,204	19,397,327	20,575,771		
divided by: number of hours	720	744	744	720		
= peak kW	23,889	26,687	26,072	28,577		
multiplied by: line-loss factor	1.1939030	1.1939030	1.1939030	1.1939030		
Coincident Peak kW Demand	28,521	31,862	31,127	34,119	31,407	
Large Municipal Service (primary voltage)	2,127,783	2,534,547	2,544,788	2,032,205		
divided by: load factor at peak	0.8993391	0.8810122	1.0099263	0.8202618		
	2,365,941	2,876,858	2,519,776	2,477,508		
divided by: number of hours	720	744	744	720		
= peak kW	3,286	3,867	3,387	3,441		
multiplied by: line-loss factor	1.1568720	1.1568720	1.1568720	1.1568720		
Coincident Peak kW Demand	3,802	4,473	3,918	3,981	4,044	35,451
Large School Service	14,818,665	14,029,377	14,865,097	17,084,268		
divided by: load factor at peak	0.7833367	0.7718242	0.8104092	0.7610857		
	18,917,364	18,176,908	18,342,705	22,447,234		
divided by: number of hours	720	744	744	720		
= peak kW	26,274	24,431	24,654	31,177		
multiplied by: line-loss factor	1.1884310	1.1884310	1.1884310	1.1884310		
Coincident Peak kW Demand	31,225	29,035	29,300	37,051	31,653	
Large School Service (primary voltage)	262,495	208,599	326,254	229,901		
divided by: load factor at peak	0.8396342	0.7718242	0.8104092	0.7610857		
	312,630	270,268	402,579	302,070		
divided by: number of hours	720	744	744	720		
= peak kW	434	363	541	420		
multiplied by: line-loss factor	1.1568720	1.1568720	1.1568720	1.1568720		
Coincident Peak kW Demand	502	420	626	485	508	32,161
						896,562

SOUTHWESTERN PUBLIC SERVICE COMPANY

CALCULATION OF EECRF RATES FOR PROGRAM YEAR 2015

Line No.	Customer Class	Allocated 2015 Program Costs	Plus/minus Under/(Over) Recovery of 2013 PY Costs	Plus Docket No. 41446 Rate Case Expenses	Net Under/(Over) Recovery of 2013 Costs	Net Recoverable Costs in 2015 Program Year ⁽¹⁾	Divided by Net Forecast 2015 EECRF Metered kWh	= 2015 EECRF per kWh
1	Residential	\$ 1,470,363	\$ 81,205	\$ 52,197	\$ 133,402	\$ 1,603,765	2,444,441,306	\$ 0.000656
2	Small General Service	\$ 34,572	\$ (30,452)	\$ 671	\$ (29,781)	\$ 8,791	259,113,475	\$ 0.000034
3	Secondary General Service	\$ 814,579	\$ (350,236)	\$ 16,839	\$ (333,398)	\$ 481,182	2,251,646,010	\$ 0.000214
4	Primary General Service	\$ 715,234	\$ (556,748)	\$ 3,049	\$ (553,699)	\$ 161,535	2,471,463,795	\$ 0.000065
5	Small Municipal and School Service	\$ 2,381	\$ (2,788)	\$ -	\$ (2,788)	\$ (407)	18,728,710	\$ (0.000022)
6	Large Municipal Service	\$ 89,080	\$ (12,656)	\$ 1,713	\$ (10,944)	\$ 78,136	223,029,045	\$ 0.000350
7	Large School Service	\$ 65,686	\$ 77,769	\$ 4,409	\$ 82,178	\$ 147,865	149,070,563	\$ 0.000992
8		\$ 3,195,895	\$ (793,907)	\$ 78,878	\$ (715,029)	\$ 2,480,866	7,817,492,504	

Excluding Under/(Over) Recovery of 2013 Costs.

Line No.	Customer Class	Allocated 2015 Program Costs, excluding EM&V and 2013 Municipal Rate Case Expenses ⁽²⁾	Divided by: Net Forecast 2015 EECRF Metered kWh	2015 Program Costs per kWh	Less than 2015 Cap?	Grouped Commercial Rate ⁽³⁾	Less than 2015 Cap?
9	Residential	\$ 1,442,541	2,444,441,306	\$ 0.000590	yes	n/a	
10	Small General Service	\$ 37,569	259,113,475	\$ 0.000145	yes	\$ 0.000315	yes
11	Secondary General Service	\$ 799,730	2,251,646,010	\$ 0.000355	yes	\$ 0.000315	yes
12	Primary General Service	\$ 702,127	2,471,463,795	\$ 0.000284	yes	\$ 0.000315	yes
13	Small Municipal and School Service	\$ 2,319	18,728,710	\$ 0.000124	yes	\$ 0.000315	yes
14	Large Municipal Service	\$ 87,525	223,029,045	\$ 0.000392	yes	\$ 0.000315	yes
15	Large School Service	\$ 64,543	149,070,563	\$ 0.000433	yes	\$ 0.000315	yes
16		\$ 3,136,354	7,817,492,504				

Maximum Rates:

Line No.	Customer Class	2013	2012 + 2011	2014	2013 + 2012	2015
17	Residential	\$ 0.001200	1.0212	\$ 0.001225	1.0156	\$ 0.001244
18	Commercial	\$ 0.000750	1.0212	\$ 0.000766	1.0156	\$ 0.000778
					= 223,242 + 218,618	
					223,242	
					= 226,721 + 218,618	
					1.0371	
					= 226,721 + 218,618	
					Cumulative	

¹ = Allocated 2015 Program Costs + Net Under/(over) Recovery of 2013 PY Costs² = SPS is not requesting recovery of 2013 municipal Rate Case Expenses in its 2015 EECRF³ = Sum of Costs, lines 10 through 15 + Sum of Metered kWh, lines 10 through 15

SOUTHWESTERN PUBLIC SERVICE COMPANY

2015 PROGRAM BUDGET

Program	Incentives	Program-Specific Admin	Allocation of General Administrative Costs	Allocation of R&D	Allocation of EM&V	Total
Commercial	\$ 1,443,211	\$ 198,445	\$ 30,515	\$ 21,642	\$ 31,719	\$ 1,725,532
Commercial & Industrial SOP	\$ 897,795	\$ 90,942	\$ 18,983	\$ 13,463	\$ 14,536	\$ 1,035,719
Small Commercial SOP	\$ 113,416	\$ 20,923	\$ 2,398	\$ 1,701	\$ 3,344	\$ 141,782
Load Management SOP	\$ 130,000	\$ 34,762	\$ 3,172	\$ 2,249	\$ 5,556	\$ 195,738
Retro-Commissioning MTP	\$ 282,000	\$ 51,818	\$ 5,962	\$ 4,229	\$ 8,283	\$ 352,293
Residential	\$ 569,033	\$ 65,724	\$ 12,032	\$ 8,533	\$ 10,505	\$ 665,826
Residential SOP	\$ 569,033	\$ 65,724	\$ 12,032	\$ 8,533	\$ 10,505	\$ 665,826
Hard-to-Reach	\$ 655,200	\$ 108,342	\$ 13,853	\$ 9,825	\$ 17,317	\$ 804,537
Hard-to-Reach	\$ 355,200	\$ 52,999	\$ 7,510	\$ 5,326	\$ 8,471	\$ 429,506
Low-Income Weatherization	\$ 300,000	\$ 55,343	\$ 6,343	\$ 4,499	\$ 8,846	\$ 375,031
Total	\$ 2,667,444	\$ 372,510	\$ 56,400	\$ 40,000	\$ 59,542	\$ 3,195,896

C&I SOP = Large Commercial SOP.

R&D and EM&V costs are allocated according to each program's share of total incentive costs (consistent with Company request).

Assignment of Residential Costs	Residential SOP	Hard-to-Reach	Low-Income Weatherization	Total
Residential	\$ 665,826	\$ 429,506	\$ 375,031	\$ 1,470,363

Allocation of Commercial Budget

Eligibility of Commercial Classes for Programs

Commercial Rate Class	C&I SOP	Small Comm. SOP	Load Mgt. SOP	Retro-Cmsn MTP
Small General Service	No	Yes	Yes	No
Secondary General Service	Yes	Yes	Yes	Yes
Primary General Service	Yes	Yes	Yes	Yes
Small Municipal and School Service	No	Yes	Yes	No
Large Municipal Service	Yes	Yes	Yes	Yes
Large School Service	Yes	Yes	Yes	Yes
Total	\$ 1,035,719	\$ 141,782	\$ 195,738	\$ 352,293

\$ 1,725,532

**SOUTHWESTERN PUBLIC SERVICE COMPANY
2015 PROGRAM BUDGET**

Allocation of Budget to Eligible Classes

Commercial Rate Class	Small Comm. SOP - Alloc	C&I SOP - Alloc.	Load Mgt. SOP - Alloc.	Retro-Cmsn. MTP - Alloc.	SubTotal	Allocation of R&D	Allocation of EM&V	Total
Small General Service	\$ 26,518	\$ -	\$ 10,594	\$ -	\$ 37,112	\$ 457	\$ 1,003	\$ 38,572
Secondary General Service	\$ 54,645	\$ 485,232	\$ 86,016	\$ 163,609	\$ 789,502	\$ 10,228	\$ 14,849	\$ 814,579
Primary General Service	\$ 53,429	\$ 420,820	\$ 77,012	\$ 141,891	\$ 693,153	\$ 8,974	\$ 13,107	\$ 715,234
Small Municipal and School Service	\$ 1,638	\$ -	\$ 653	\$ -	\$ 2,291	\$ 28	\$ 62	\$ 2,381
Large Municipal Service	\$ 444	\$ 58,371	\$ 7,904	\$ 19,681	\$ 86,400	\$ 1,125	\$ 1,555	\$ 89,080
Large School Service	\$ 63	\$ 43,297	\$ 5,754	\$ 14,599	\$ 63,714	\$ 830	\$ 1,143	\$ 65,686
Total	\$ 136,737	\$ 1,007,720	\$ 187,933	\$ 339,781	\$ 1,672,171	\$ 21,642	\$ 31,719	\$ 1,725,532

*Note. Net 4-CP kW proj 2015 and net 2015 proj kWh do not include opt-out customers.
Allocation adjusted to reflect to the extent which customers in Sec Gen, Pri Gen, Large Muni, Large School are eligible for Small Commercial SOP

	Net 4-CP kW 2015 Proj		
	Small	Large	Total
Small General Service	58,645	-	58,645
Small Municipal and School Service	3,139	-	3,139
Large Municipal Service	855	37,327	38,182
Large School Service	133	30,127	30,260
Secondary General Service	114,636	337,399	452,036
Primary Service	92,109	241,379	333,488
	269,518	646,232	915,750

	Net Proj. 2015 Line Loss-adjusted kWh		
	Small	Large	Total
Small General Service	293,924,852		293,924,852
Small Municipal and School Service	21,244,875		21,244,875
Large Municipal Service	5,734,543	250,271,821	256,006,364
Large School Service	748,579	169,382,996	170,131,575
Secondary General Service	645,484,382	1,899,801,036	2,545,285,418
Primary Service	759,072,232	1,989,197,979	2,748,270,212
	1,726,209,463	4,308,653,832	6,034,863,295

SOUTHWESTERN PUBLIC SERVICE COMPANY

CALCULATION OF EECRF RECOVERY BALANCES

YEAR-ENDED DECEMBER 31, 2013

Calculation of EECRF Recovery Balances
For the Year Ended December 31, 2013

Customer Class	Actual Program Costs	Amount Charged	Over/(under) Recovery
Residential	\$ 1,436,475	\$ 1,355,270	\$ (81,205)
Small General Service	\$ 18,472	\$ 48,924	\$ 30,452
Secondary General Service	\$ 463,407	\$ 813,643	\$ 350,236
Primary General Service	\$ 83,923	\$ 640,671	\$ 556,748
Small Municipal and School Service	\$ -	\$ 2,788	\$ 2,788
Large Municipal Service	\$ 47,136	\$ 59,792	\$ 12,656
Large School Service	\$ 121,330	\$ 43,561	\$ (77,769)
	\$ 2,170,742	\$ 2,964,649	\$ 793,907
			\$ 793,907

Detail on 2013 EECRF Billing

	Billed in 2013	Billed in 2014	Total
	kWh	kWh	kWh
Residential	2,343,509,030	139,747,957	2,483,256,987
Small General Service	198,528,877	11,696,294	210,225,171
Secondary General Service	2,176,789,342	112,657,876	2,289,447,218
Primary General Service	2,119,280,852	151,322,938	2,270,603,790
Small Municipal and School Service	12,463,713	1,465,156	13,928,869
Large Municipal Service	173,494,210	15,671,638	189,165,848
Large School Service	164,180,193	16,424,329	180,604,522
	7,188,246,217	448,986,188	7,637,232,405
		\$ 172,779	\$ 2,964,649
		\$	\$

SOUTHWESTERN PUBLIC SERVICE COMPANY

Allocation of EECRF Rate Case Expenses, based in part upon

Allocation of Commercial Program Administrative, General Administrative,
R&D and EM&V**Rate Case Expenses From Docket No. 41446**

	2013 Program Incentive Costs		<u>\$ 78,878</u> Allocated Rate Case Expenses	
Residential	\$ 1,436,475	66.174%	\$ 52,197	
Small General Service	\$ 18,472	0.851%	\$ 671	
Secondary General Service	\$ 463,407	21.348%	\$ 16,839	
Primary General Service	\$ 83,923	3.866%	\$ 3,049	
Small Municipal and School Service	\$ -	0.000%	\$ -	
Large Municipal Service	\$ 47,136	2.171%	\$ 1,713	
Large School Service	\$ 121,330	5.589%	\$ 4,409	
	<u>\$ 2,170,742</u>	<u>100.000%</u>	<u>\$ 78,878</u>	
			Allocation of Program Administration; General Administration; R&D; & EM&V	Total
Commercial Program Administrative, General Administrative, R&D, and EM&V	2013 Program Incentive Costs	Customer Class Share		
<i>Large Commercial SOP</i>				
Small General Service	\$ 11,408	3.919%	\$ 3,073	\$ 14,481
Secondary General Service	\$ 201,891	69.358%	\$ 54,386	\$ 256,277
Primary General Service	\$ -	0.000%	\$ -	\$ -
Small Municipal and School Service	\$ -	0.000%	\$ -	\$ -
Large Municipal Service	\$ 1,433	0.492%	\$ 386	\$ 1,819
Large School Service	\$ 76,354	26.231%	\$ 20,569	\$ 96,922
	<u>\$ 291,085</u>	<u>100.000%</u>	<u>\$ 78,414</u>	<u>\$ 369,499</u>
<i>Small Commercial SOP</i>				
Small General Service	\$ 2,631	5.436%	\$ 1,359	\$ 3,990
Secondary General Service	\$ 45,775	94.564%	\$ 23,646	\$ 69,421
Primary General Service	\$ -	0.000%	\$ -	\$ -
Small Municipal and School Service	\$ -	0.000%	\$ -	\$ -
Large Municipal Service	\$ -	0.000%	\$ -	\$ -
Large School Service	\$ -	0.000%	\$ -	\$ -
	<u>\$ 48,407</u>	<u>100.000%</u>	<u>\$ 25,005</u>	<u>\$ 73,412</u>
<i>Load Management SOP</i>				
Small General Service		0.000%	\$ -	\$ -
Secondary General Service	\$ 75,800	66.201%	\$ 22,796	\$ 98,596
Primary General Service	\$ 38,700	33.799%	\$ 11,639	\$ 50,339
Small Municipal and School Service		0.000%	\$ -	\$ -
Large Municipal Service		0.000%	\$ -	\$ -
Large School Service		0.000%	\$ -	\$ -
	<u>\$ 114,500</u>	<u>100.000%</u>	<u>\$ 34,435</u>	<u>\$ 148,935</u>
<i>Retro-Commissioning SOP</i>				
Small General Service		0.000%	\$ -	\$ -
Secondary General Service	\$ 34,103	27.462%	\$ 5,009	\$ 39,112
Primary General Service	\$ 29,283	23.581%	\$ 4,301	\$ 33,584
Small Municipal and School Service		0.000%	\$ -	\$ -
Large Municipal Service	\$ 39,513	31.819%	\$ 5,804	\$ 45,317
Large School Service	\$ 21,282	17.138%	\$ 3,126	\$ 24,408
	<u>\$ 124,181</u>	<u>100.000%</u>	<u>\$ 18,241</u>	<u>\$ 142,422</u>
Total Commercial Program Costs	<u>\$ 578,172</u>		<u>\$ 156,095</u>	<u>\$ 734,267</u>

SOUTHWESTERN PUBLIC SERVICE COMPANY

**CALCULATION OF EECRF LINE LOSS-ADJUSTED kWh -
COMMERCIAL CUSTOMER CLASSES**

Based upon kWh Forecast for 2015

	Forecasted 2015 Metered kWh	Less: Opt-out kWh	Net EECRF kWh	Multiplied by: kWh Line Loss Factor	Net Line Loss- adjusted EECRF kWh
<u>Commercial Customer Class</u>					
Small General Service	259,315,469	(201,994)	259,113,475	1.134348	293,924,852
Secondary General Service	2,254,122,001	(2,475,991)	2,251,646,010	1.130411	2,545,285,418
Primary General Service	2,489,711,427	(18,247,632)	2,471,463,795	1.112001	2,748,270,212
Small Municipal and School Service	18,728,710	-	18,728,710	1.134348	21,244,875
Large Municipal Service	223,029,045	-	223,029,045	see below	256,006,364
Large School Service	149,070,563	-	149,070,563	see below	170,131,575
	<u>5,393,977,215</u>	<u>(20,925,617)</u>	<u>5,373,051,598</u>		<u>6,034,863,295</u>
Large Municipal Service	185,292,500	-	185,292,500	1.134348	210,186,177
Large Municipal Service - primary	41,205,167	-	41,205,167	1.112001	45,820,187
Total Large Municipal Service	<u>226,497,667</u>	<u>-</u>	<u>226,497,667</u>	<u>1.130283</u>	<u>256,006,364</u>
Large School Service	147,636,228	-	147,636,228	1.130411	166,889,616
Large School Service - primary	2,915,428	-	2,915,428	1.112001	3,241,959
Total Large School Service	<u>150,551,656</u>	<u>-</u>	<u>150,551,656</u>	<u>1.130054</u>	<u>170,131,575</u>

SOUTHWESTERN PUBLIC SERVICE COMPANY

CALCULATION OF 4 CP - COMMERCIAL CLASSES FOR PROGRAM YEAR 2015

Based upon kWh Forecast for 2015

	June	July	August	September	4 CP
<u>Commercial Customer Class</u>					
Small General Service	24,080,232	29,162,797	27,609,375	23,490,752	
Less: Opt-out kWh	(47,571)	(58,932)	(53,089)	(42,403)	
	24,032,661	29,103,865	27,556,286	23,448,349	
divided by: load factor at peak	0.6672	0.7807	0.7823	0.6646	
	36,020,175	37,279,192	35,224,704	35,281,897	
divided by: number of hours	720	744	744	720	
= peak kW	50,028	50,106	47,345	49,003	
multiplied by: line-loss factor	1.1939030	1.1939030	1.1939030	1.1939030	
Coincident Peak kW Demand	59,729	59,822	56,525	58,504	58,645
<u>Secondary General Service</u>					
	201,815,075	270,147,536	224,860,371	179,621,617	
Less: Opt-out kWh	(569,143)	(758,525)	(636,182)	(512,141)	
	201,245,932	269,389,011	224,224,189	179,109,476	
divided by: load factor at peak	0.7667	0.8090	0.7988	0.7492	
	262,483,282	332,990,125	280,701,288	239,067,640	
divided by: number of hours	720	744	744	720	
= peak kW	364,560	447,567	377,287	332,038	
multiplied by: line-loss factor	1.1884310	1.1884310	1.1884310	1.1884310	
Coincident Peak kW Demand	433,255	531,903	448,379	394,605	452,036
<u>Primary General Service</u>					
	171,555,362	212,980,784	192,833,337	182,366,034	
Less: Opt-out kWh	(4,120,232)	(5,115,798)	(4,632,031)	(4,379,571)	
	167,435,130	207,864,986	188,201,306	177,986,463	
divided by: load factor at peak	0.9772	0.9546	0.9562	0.9388	
	171,341,721	217,750,876	196,822,115	189,589,330	
divided by: number of hours	720	744	744	720	
= peak kW	237,975	292,676	264,546	263,319	
multiplied by: line-loss factor	1.1568720	1.1568720	1.1568720	1.1568720	
Coincident Peak kW Demand	275,306	338,589	306,046	304,626	306,142
<u>Service Agreement 4</u>					
	13,051,122	14,083,251	14,824,352	12,039,402	
divided by: load factor at peak	0.9100	1.1693	0.8983	0.8713	
	14,341,892	12,044,173	16,502,674	13,817,746	
divided by: number of hours	720	744	744	720	
= peak kW	19,919	16,188	22,181	19,191	
multiplied by: line-loss factor	1.1568720	1.1568720	1.1568720	1.1568720	
Coincident Peak kW Demand	23,044	18,728	25,661	22,202	22,409
<u>Service Agreement 8</u>					
	2,754,082	2,851,752	3,399,199	3,443,409	
divided by: load factor at peak	0.8106	1.1527	0.9899	1.0836	
	3,397,585	2,473,890	3,433,881	3,177,749	
divided by: number of hours	720	744	744	720	
= peak kW	4,719	3,325	4,615	4,414	
multiplied by: line-loss factor	1.1568720	1.1568720	1.1568720	1.1568720	
Coincident Peak kW Demand	5,459	3,847	5,339	5,106	4,938
<u>Small Municipal and School Service</u>					
	1,648,571	1,737,918	1,775,313	1,733,614	
divided by: load factor at peak	0.7603	0.9504	1.0707	0.8541	
	2,168,316	1,828,617	1,658,086	2,029,755	
divided by: number of hours	720	744	744	720	
= peak kW	3,012	2,458	2,229	2,819	
multiplied by: line-loss factor	1.1939030	1.1939030	1.1939030	1.1939030	
Coincident Peak kW Demand	3,595	2,934	2,661	3,366	3,139
<u>Large Municipal Service</u>					
	15,545,570	16,410,395	17,938,387	17,666,395	
divided by: load factor at peak	0.8568	0.9015	0.9473	0.8168	
	18,143,756	18,203,433	18,936,332	21,628,789	
divided by: number of hours	720	744	744	720	
= peak kW	25,200	24,467	25,452	30,040	

SOUTHWESTERN PUBLIC SERVICE COMPANY

CALCULATION OF 4 CP - COMMERCIAL CLASSES FOR PROGRAM YEAR 2015

Based upon kWh Forecast for 2015

	June	July	August	September	4 CP	
<u>Commercial Customer Class</u>						
multiplied by: line-loss factor	1.1939030	1.1939030	1.1939030	1.1939030		
Coincident Peak kW Demand	<u>30,086</u>	<u>29,211</u>	<u>30,387</u>	<u>35,865</u>	31,387	
Large Municipal Service (primary voltage)	3,482,898	3,680,198	4,000,846	3,930,883		
divided by: load factor at peak	<u>0.8568</u>	<u>0.9015</u>	<u>0.9473</u>	<u>0.8168</u>		
	4,065,007	4,082,305	4,223,420	4,812,540		
divided by: number of hours	<u>720</u>	<u>744</u>	<u>744</u>	<u>720</u>		
= peak kW	5,646	5,487	5,677	6,684		
multiplied by: line-loss factor	<u>1.1568720</u>	<u>1.1568720</u>	<u>1.1568720</u>	<u>1.1568720</u>		
Coincident Peak kW Demand	<u>6,532</u>	<u>6,348</u>	<u>6,567</u>	<u>7,733</u>	6,795	38,182
Large School Service	12,567,298	13,299,061	14,473,608	14,189,464		
divided by: load factor at peak	<u>0.7510</u>	<u>0.7296</u>	<u>0.8108</u>	<u>0.6989</u>		
	16,734,085	18,227,880	17,851,021	20,302,567		
divided by: number of hours	<u>720</u>	<u>744</u>	<u>744</u>	<u>720</u>		
= peak kW	23,242	24,500	23,993	28,198		
multiplied by: line-loss factor	<u>1.1884310</u>	<u>1.1884310</u>	<u>1.1884310</u>	<u>1.1884310</u>		
Coincident Peak kW Demand	<u>27,621</u>	<u>29,116</u>	<u>28,514</u>	<u>33,511</u>	29,691	
Large School Service (primary voltage)	247,798	261,835	284,648	279,670		
divided by: load factor at peak	<u>0.7510</u>	<u>0.7296</u>	<u>0.8108</u>	<u>0.6989</u>		
	329,957	358,875	351,071	400,157		
divided by: number of hours	<u>720</u>	<u>744</u>	<u>744</u>	<u>720</u>		
= peak kW	458	482	472	556		
multiplied by: line-loss factor	<u>1.1568720</u>	<u>1.1568720</u>	<u>1.1568720</u>	<u>1.1568720</u>		
Coincident Peak kW Demand	<u>530</u>	<u>558</u>	<u>546</u>	<u>643</u>	569	30,260
						<u>915,750</u>