

For 2015 and 2016, SPS developed budgets to meet the goals in a cost-effective manner, as prescribed by P.U.C. SUBST. R. 25.181. Details of these budgets, including the allocation of funds to specific programs, are given in Section IV.

SPS calculated the projected savings of its energy efficiency programs from these proposed budgets, using the cost per kW of demand reduction achieved in previous SPS programs and the budget allocation for each program. SPS then calculated the expected energy savings from the projected demand reductions using the average load factors from previous PYs (with adjustments for market conditions and other potential changes). Table 6 shows the projected demand and energy savings broken out by program.

Table 6: Projected Demand and Energy Savings Broken Out by Program for Each Customer Class (at Meter)

2015	Projected Savings	
	kW	kWh
Commercial	5,465	7,629,376
Commercial SOP	1,900	4,993,200
Small Commercial SOP	301	659,920
Recommissioning MTP	264	1,976,256
Load Management SOP	3,000	-
Residential	1,035	1,812,524
Residential SOP	1,035	1,812,524
Hard-to-Reach	712	1,246,840
Hard-to-Reach SOP	592	1,036,600
Low-Income Weatherization	120	210,240
Total Annual Projected Savings	7,212	10,688,740
2016	Projected Savings	
	kW	kWh
Commercial	5,100	6,044,400
Commercial SOP	1,700	4,467,600
Small Commercial SOP	100	262,800
Recommissioning MTP	300	1,314,000
Load Management SOP	3,000	-
Residential	1,100	2,890,800
Residential SOP	1,100	2,890,800
Hard-to-Reach	900	2,365,200
Hard-to-Reach SOP	800	2,102,400
Low-Income Weatherization	100	262,800
Total Annual Projected Savings	7,100	11,300,400

IV. Program Budgets

Table 7: Proposed Annual Budget Broken Out by Program for Each Customer Class

2015	Incentives	Admin	R&D	EM&V	Total Budget
Commercial	\$ 1,443,211	\$ 198,445	\$ -	\$ -	\$ 1,641,656
Commercial SOP	\$ 897,795	\$ 90,942	\$ -	\$ -	\$ 988,737
Small Commercial SOP	\$ 113,416	\$ 20,923	\$ -	\$ -	\$ 134,339
Recommissioning MTP	\$ 282,000	\$ 51,818	\$ -	\$ -	\$ 333,818
Load Management SOP	\$ 150,000	\$ 34,762	\$ -	\$ -	\$ 184,762
Residential	\$ 569,033	\$ 65,724	\$ -	\$ -	\$ 634,757
Residential SOP	\$ 569,033	\$ 65,724	\$ -	\$ -	\$ 634,757
Hard-to-Reach	\$ 655,200	\$ 108,342	\$ -	\$ -	\$ 763,542
Hard-to-Reach SOP	\$ 355,200	\$ 52,999	\$ -	\$ -	\$ 408,199
Low-Income Weatherization	\$ 300,000	\$ 55,343	\$ -	\$ -	\$ 355,343
Research & Development	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000
General Administration	\$ -	\$ 56,400	\$ -	\$ -	\$ 56,400
Evaluation, Measurement & Verification	\$ -	\$ -	\$ -	\$ 59,542	\$ 59,542
Rider Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expenditures	\$ 2,667,444	\$ 428,911	\$ 40,000	\$ 59,542	\$ 3,195,897
2016	Incentives	Admin	R&D	EM&V	Total Budget
Commercial	\$ 1,495,200	\$ 62,009	\$ -	\$ -	\$ 1,557,209
Commercial SOP	\$ 906,100	\$ 28,221	\$ -	\$ -	\$ 934,321
Small Commercial SOP	\$ 53,300	\$ 5,000	\$ -	\$ -	\$ 58,300
Recommissioning MTP	\$ 385,800	\$ 4,000	\$ -	\$ -	\$ 389,800
Load Management SOP	\$ 150,000	\$ 24,788	\$ -	\$ -	\$ 174,788
Residential	\$ 632,500	\$ 21,538	\$ -	\$ -	\$ 654,038
Residential SOP	\$ 632,500	\$ 21,538	\$ -	\$ -	\$ 654,038
Hard-to-Reach	\$ 875,000	\$ 53,894	\$ -	\$ -	\$ 928,894
Hard-to-Reach SOP	\$ 500,000	\$ 16,394	\$ -	\$ -	\$ 516,394
Low-Income Weatherization	\$ 375,000	\$ 37,500	\$ -	\$ -	\$ 412,500
Research & Development	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000
General Administration	\$ -	\$ 175,165	\$ -	\$ -	\$ 175,165
Evaluation, Measurement & Verification	\$ -	\$ -	\$ -	\$ 34,756	\$ 34,756
Rider Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expenditures	\$ 3,002,700	\$ 312,606	\$ 40,000	\$ 34,756	\$ 3,390,063

Energy Efficiency Report

V. Historical Demand Savings Goals and Energy Targets for Previous Five Years

Table 8 documents SPS's demand and energy reduction goals for the previous five years (2010-2014) calculated in accordance with P.U.C. SUBST. R. 25.181 and actual demand reduction and energy savings achieved.

Table 8: Historical Demand and Energy Savings Goals and Achievements (at the Meter)

Calendar Year	Adjusted Demand Goal (MW)	Adjusted Energy Goal (MWh)	Actual Demand Reduction (MW)	Actual Energy Savings (MWh)
2014	5.39	9,449	5.02	11,900
2013	5.60	9,100	5.10	7,950
2012	4.70	8,249	5.33	9,077
2011	3.86	6,761	3.88	13,821
2010	3.86	6,761	3.67	15,699
2009	2.75	4,813	2.70	10,271

VI. Projected Versus Reported and Verified Demand and Energy Savings

This section documents SPS's projected and reported and verified savings for PYs 2013 and 2014. Table 9 shows the savings for SOPs and the Low-Income Weatherization program. SPS's 2013 programs produced 5.11 MW or 91 percent of the statutory goal of 5.6 MW. SPS's 2014 programs produced 5.02 MW or 93 percent of the statutory goal of 5.39 MW.

Table 9: Projected versus Reported and Verified Savings for 2013 and 2014 (at Meter)

2013	Projected Savings		Verified Savings	
	MW	MWh	MW	MWh
Commercial	5.87	8,288	3.23	3,487
Commercial SOP	2.11	5,265	0.80	2,870
Small Commercial SOP	0.20	887	0.14	592
Recommissioning MTP	0.56	2,136	-	-
Load Management SOP	3.00	-	2.29	25
Residential	0.70	2,128	1.11	2,974
Residential SOP	0.70	2,128	1.11	2,974
Hard-to-Reach	0.54	1,396	0.76	1,488
Hard-to-Reach SOP	0.44	1,051	0.64	1,100
Low-Income Weatherization	0.10	345	0.12	388
Total Annual Savings Goals	7.11	11,812	5.11	7,949
2014	Projected Savings		Verified Savings	
	MW	MWh	MW	MWh
Commercial	5.47	7,629	3.73	7,071
Commercial SOP	1.90	4,993	1.53	5,069
Small Commercial SOP	0.30	660	0.19	797
Recommissioning MTP	0.26	1,976	0.22	1,195
Load Management SOP	3.00	-	1.79	9
Residential	1.04	1,813	0.74	2,979
Residential SOP	1.04	1,813	0.74	2,979
Hard-to-Reach	0.71	1,247	0.55	1,851
Hard-to-Reach SOP	0.59	1,037	0.45	1,517
Low-Income Weatherization	0.12	210	0.10	334
Total Annual Savings Goals	7.21	10,689	5.02	11,900

VII. Historical Program Expenditures

This section documents SPS's incentive and administrative expenditures for the previous five years (2010-2014) broken out by program for each customer class. Table 10 shows expenditures for SOPs, MTPs, and the Low-Income Weatherization Program.

Table 10: Historical Program Incentive and Administrative Expenditures for 2010 through 2014⁸

Program	2014			2013			2012			2011			2010		
	Incent. (000s)	Admin (000s)		Incent. (000s)	Admin (000s)		Incent. (000s)	Admin (000s)		Incent. (000s)	Admin (000s)		Incent. (000s)	Admin (000s)	
Commercial	\$ 905	\$ 56		\$ 578	\$ 88		\$ 955	\$ 70		\$ 888	\$ 61		\$ 872	\$ 58	
Large Commercial SOP	\$ 523	\$ 26		\$ 291	\$ 44		\$ 829	\$ 19		\$ 818	\$ 56		\$ 850	\$ 57	
Small Commercial SOP	\$ 66	\$ 5		\$ 48	\$ 19		\$ 31	\$ 18		\$ 70	\$ 5		\$ 22	\$ 1	
Retro-Commissioning MTP	\$ 227	\$ 1		\$ 124	\$ 4		NA	NA		NA	NA		NA	NA	
Load Management SOP	\$ 89	\$ 25		\$ 115	\$ 21		\$ 95	\$ 33		\$ -	\$ -		\$ -	\$ -	
Residential	\$ 531	\$ 19		\$ 584	\$ 34		\$ 288	\$ 12		\$ 366	\$ 25		\$ 592	\$ 40	
Residential SOP	\$ 531	\$ 19		\$ 584	\$ 34		\$ 288	\$ 12		\$ 366	\$ 25		\$ 592	\$ 40	
Statewide CFL MTP	NA	NA		NA	NA		N/A	NA		N/A	NA		NA	NA	
Hard-to-Reach	\$ 618	\$ 41		\$ 615	\$ 64		\$ 495	\$ 32		\$ 538	\$ 36		\$ 417	\$ 17	
Hard-to-Reach SOP	\$ 355	\$ 14		\$ 342	\$ 32		\$ 205	\$ 16		\$ 238	\$ 16		\$ 250	\$ 17	
Low-Income Weatherization	\$ 263	\$ 28		\$ 273	\$ 32		\$ 290	\$ 16		\$ 300	\$ 20		\$ 167	\$ -	
Research & Development	\$ -	\$ 30		\$ -	\$ 10		\$ -	\$ 35		\$ -	\$ -		\$ -	\$ -	
General Administration	\$ -	\$ 172		\$ -	\$ 134		\$ -	\$ 32		\$ -	\$ -		\$ -	\$ -	
Evaluation, Measurement & Verification	\$ -	\$ 60		\$ -	\$ 63		NA	NA		NA	NA		NA	NA	
Rider Expenses	\$ -	\$ 129		\$ -	\$ 79		NA	NA		NA	NA		NA	NA	
Total Expenditures	\$ 2,054	\$ 506		\$ 1,777	\$ 472		\$ 1,738	\$ 181		\$ 1,792	\$ 122		\$ 1,881	\$ 115	

⁸ 2013 expenditures from Project No. 42264 EEPR; 2012 expenditures from Project No. 41196 EEPR; 2011 expenditures from Project No. 40194 EEPR; 2010 expenditures from Project No. 39105 EEPR.

VIII. Program Funding for Calendar Year 2014

As shown in Table 11, SPS spent a total of \$2,560,647,⁹ on its energy efficiency programs in 2014, which is \$844,347 (or approximately 75%) less than SPS's 2014 approved budget of \$3,404,994.

Table 11: Program Funding for Calendar Year 2014

Customer Segment and Program	Total Projected Budget	Participants	Actual Funds Expended (Incentives)	Actual Funds Expended (Admin)	Total Funds Expended	Budget and Expenditure Variance
Commercial & Industrial	\$ 1,521,069	98	\$ 904,604	\$ 55,588	\$ 960,191	63%
Large Commercial SOP	\$ 914,360	61	\$ 522,511	\$ 25,656	\$ 548,167	60%
Small Commercial SOP	\$ 124,758	25	\$ 65,898	\$ 4,568	\$ 70,467	56%
Retro-Commissioning MTP	\$ 310,000	1	\$ 226,744	\$ 576	\$ 227,320	73%
Load Management SOP	\$ 171,951	11	\$ 89,450	\$ 24,788	\$ 114,238	66%
Residential	\$ 587,487	847	\$ 531,445	\$ 19,403	\$ 550,848	94%
Residential SOP	\$ 587,487	847	\$ 531,445	\$ 19,403	\$ 550,848	94%
Hard-to-Reach	\$ 708,438	511	\$ 618,151	\$ 41,274	\$ 659,425	93%
Hard-to-Reach SOP	\$ 378,438	408	\$ 354,840	\$ 13,662	\$ 368,502	97%
Low-Income Weatherization	\$ 330,000	103	\$ 263,310	\$ 27,612	\$ 290,922	88%
Research & Development	\$ 260,000		\$ -	\$ 29,914	\$ 29,914	12%
General Administration	\$ 220,000		\$ -	\$ 172,063	\$ 172,063	78%
Evaluation, Measurement & Verification	\$ 108,000		\$ -	\$ 59,542	\$ 59,542	55%
EECRF Rider Expenses	\$ -		\$ -	\$ 128,663	\$ 128,663	NA
Total Expenditures	\$ 3,404,994	1,456	\$ 2,054,199	\$ 506,448	\$ 2,560,647	75%

Pursuant to P.U.C. SUBST. R. 25.181(n)(2)(Q), SPS is required to provide an explanation of annual program spending variance from budgets if the variance exceeds a positive or negative 10 percent. In 2014, five programs met this criterion: Large Commercial SOP, Small Commercial SOP, Load Management SOP, Retro-Commissioning MTP, and Low-Income Weatherization.

- The Large Commercial SOP was below spending primarily due to the delay in approval for the Pump-Off Controller deemed measure which resulted in no participation for the 2014 program year.¹⁰ SPS had anticipated participation when preparing spending forecasts.
- For the Small Commercial SOP, participants continue to be difficult to reach because they are often capital constrained and busy with day-to-day operations. SPS is reviewing some recommendations made through its 2014 Research and Development Study to determine changes in strategy to better address this sector.

⁹ This number includes SPS's direct program costs as well as indirect programs costs including research and development, EM&V, and EECRF rate case expenses.

¹⁰ Docket No. 42551. The Commission issued a final order on September 11, 2014.

- The Load Management SOP was underspent because cooler temperatures resulted in lower claimed savings' baselines prior to called interruptions in 2014 as compared to nominated loads.
- Retro-Commissioning MTP was underspent due to variance in the achieved energy and demand savings. In 2014, SPS achieved 79% and 59% of the forecasted demand and energy goals, respectively, which resulted in lower incentive payments.
- For SPS's Low-Income Weatherization Program, P.U.C. SUBST. R. 25.181(r) requires that each unbundled transmission and distribution utility ensure that annual expenditures for the targeted low-income energy efficiency program are not less than 10% of the utility's energy efficiency budget for the PY. Although SPS is not unbundled, since it operates in an area where retail choice is not offered, it operates with the intent of complying with this requirement. However, SPS's 2014 targeted low-income program did not meet this requirement, as detailed below in Table 12.

Table 12: Expenditures for Targeted Low-Income Program

2014 Budget	Required Expenditures	Actual Expenditures	% of Budget
\$ 3,404,994.00	\$ 340,499.40	\$ 290,922.44	9%

As shown in Table 12, SPS spent approximately 9% of its 2014 approved portfolio budget on its targeted low-income energy efficiency program. The primary reason for the shortfall in 2014 was due to the timing of projects. SPS identified two large, multi-family projects for completion in 2014. The first project was completed and rebated in 2014; however, the entirety of the second project could not be completed by year-end. SPS has also increased future year budgets above the 10% level in order to ensure enough funds in the budget.

IX. Market Transformation Program Results

SPS launched its Commercial Retro-Commissioning MTP in April of 2013. In 2014, SPS completed one project that resulted in a reduction of 216 kW and 1,195,499 kWh. SPS expects additional, similar projects to be completed in 2015.

X. 2014 Energy Efficiency Cost Recovery Factor (EECRF)

On November 4, 2013 in Docket No. 41446, the Commission approved SPS's 2014 EECRF to recover a total of \$3,249,752 in expenses associated with its 2014 energy efficiency programs, effective January 1, 2014.

Table 13: 2014 EECRF Rates

Rate Schedule	\$/kWh
Residential Service	\$0.000626
Small General Service	\$(0.000223)
Secondary General Service	\$0.000287
Primary General Service	\$0.000470
Small Municipal and School Service	\$(0.000198)
Large Municipal Service	\$0.000089
Large School Service	\$0.000182

XI. Revenue Collected through EECRF (2014)

SPS collected \$3,152,432 through its 2014 EECRF, which was effective as of January 1, 2014.

XII. Over/Under-recovery of Energy Efficiency Program Costs

SPS spent \$544,201 less than what was recovered by the EECRF as shown in Table 14 below.

Table 14: Over/Under Recovery¹¹

EECRF Recoveries	\$ 3,152,432
Program Expenditures	\$ 2,479,568
2014 EECRF Rate Case Expenses	\$ 128,663
Net Over (Under) Recovery	\$ 544,201

XIII. Performance Bonus Calculation

SPS achieved a 5,018 kW reduction in peak demand from its energy efficiency programs offered in 2014 along with 11,990,129 kWh in energy savings. SPS's demand reduction target for 2014 was 5,393 kW. This achievement represents 93% of SPS's 2014 goal, disqualifying it for a Performance Bonus.

¹¹ Program expenditures in Table 14 do not match expenditures reported elsewhere in the EEPR due to the inclusion of PY 2012 and 2013 actual, allocated M&V costs and the removal of PY 2014 EM&V costs. The program expenditures reported in Table 14 correlate with the expenditures SPS was approved to recover in PY 2014 in Docket No. 41446. Totals may not tie due to rounding.

Acronyms

C&I	Commercial and Industrial
CFL	Compact Fluorescent Light
EECRF	Energy Efficiency Cost Recovery Factor
EEP	Energy Efficiency Plan
EEPR	Energy Efficiency Plan and Report
EER	Energy Efficiency Report
EE Rule	Energy Efficiency Rule, PUCT Substantive Rules § 25.181 and § 25.183
EESP	Energy Efficiency Service Provider
HTR	Hard-to-Reach
IPMVP	International Performance Measurement and Verification Protocol
kW	kilowatt
kWh	kilowatt hour
M&V	Measurement and Verification
MTP	Market Transformation Program
PUCT	Public Utility Commission of Texas
PURA	Public Utility Regulatory Act
PY	Program Year
SOP	Standard Offer Program
SPS	Southwestern Public Service Company

Appendix

APPENDIX A: REPORTED DEMAND AND ENERGY REDUCTION BY COUNTY 2014

Commercial & Industrial SOP			
County	# Sites	kW	kWh
Castro	1	70	382,091
Deaf Smith	1	35	169,304
Gaines	1	45	486,155
Garza	1	34	154,092
Gray	1	4	8,412
Hale	1	38	105,948
Hockley	1	80	339,121
Hutchinson	1	49	239,418
Oldham	1	3	14,259
Potter	1	221	1,523,734
Randall	1	955	1,739,145
Total	11	1,534	5,161,679

Small Commercial SOP			
County	# of Sites	kW	kWh
Gray	1	24	87,881
Hale	1	1	8,303
Hockley	1	4	20,196
Hutchinson	1	39	188,420
Moore	1	8	30,619
Potter	1	80	335,679
Randall	1	30	115,587
Sherman	1	2	10,736
Total	8	188	797,420

Residential SOP			
County	# Customers	kW	kWh
Carson	2	5	18,726
Deaf Smith	2	13	24,918
Gray	3	30	150,302
Hale	2	123	336,088
Hansford	1	2	7,467
Hutchinson	1	6	25,986
Moore	2	85	335,181
Ochiltree	2	3	3,711
Parmer	1	0	323
Potter	3	119	228,956
Randall	3	354	1,846,948
Total	22	740	2,978,606

Hard-to-Reach SOP			
County	# Customers	kW	kWh
Deaf Smith	1	22	48,227
Gray	2	82	196,252
Hale	1	89	262,174
Hemphill	1	37	444,112
Hutchinson	1	1	529
Moore	1	65	264,265
Potter	2	89	202,946
Randall	2	62	98,310
Total	11	447	1,516,815

Low Income Weatherization			
County	# Customers	kW	kWh
Carson	7	7	11,173
Gaines	1	1	21,190
Hale	25	24	41,043
Potter	25	17	37,117
Randall	40	55	219,650
Swisher	1	1	3,691
Total	99	104	333,864

Load Management			
County	Count of # of Customers or Sites	kW	kWh
Hale	1	19	76
Hockley	1	15	60
Parmer	1	458	2,269
Potter	1	483	2,341
Randall	1	474	2,474
Yoakum	1	340	1,851
Total	6	1,789	9,071

Retro-Commissioning			
County	Count of # of Customers or Sites	kW	kWh
Potter	1	208	1,164,348

Southwestern Public Service Company

Costs per kW and kWh for Years 2013-2016

Customer Class	2013 (Actual)		2014 (Actual)		2015 (Projected)		2016 (Projected)	
	\$/kW	\$/kWh	\$/kW	\$/kWh	\$/kW	\$/kWh	\$/kW	\$/kWh
Commercial	\$206	\$0.19	\$258	\$0.13	\$300	\$0.22	\$305	\$0.26
Residential	\$556	\$0.21	\$744	\$0.18	\$613	\$0.35	\$595	\$0.23
Hard-to-Reach	\$890	\$0.46	\$1,196	\$0.36	\$1,072	\$0.61	\$1,032	\$0.39
Totals	\$426	\$0.27	\$485	\$0.20	\$443	\$0.30	\$477	\$0.30

Southwestern Public Service Company

Costs per kW and kWh for Years 2013-2016

Line No.		2016 Projected Savings							
		kW	kWh						
1	Commercial		5100		6,044,400				
2	Commercial SOP		1700		4,467,600				
3	Small Commercial SOP		100		262,800				
4	Recommissioning MTP		300		1,314,000				
5	Load Management SOP		3000		-				
6	Residential		1100		2,890,800				
7	Residential SOP		1100		2,890,800				
8	Hard-to-Reach		900		2,365,200				
9	Hard-to-Reach SOP		800		2,102,400				
10	Low-Income Weatherization		100		262,800				
11	Total Annual Projected Savings		7100		11,300,400				
12		2016 Incentives	Admin	R&D	EM&V	Total Budget			
13	Commercial	\$ 1,495,200	\$ 62,009	\$ -	\$ -	\$ 1,557,209			
14	Commercial SOP	\$ 906,100	\$ 28,221	\$ -	\$ -	\$ 934,321			
15	Small Commercial SOP	\$ 53,300	\$ 5,000	\$ -	\$ -	\$ 58,300			
16	Recommissioning MTP	\$ 385,800	\$ 4,000	\$ -	\$ -	\$ 389,800			
17	Load Management SOP	\$ 150,000	\$ 24,788	\$ -	\$ -	\$ 174,788			
18	Residential	\$ 632,500	\$ 21,538	\$ -	\$ -	\$ 654,038			
19	Residential SOP	\$ 632,500	\$ 21,538	\$ -	\$ -	\$ 654,038			
20	Hard-to-Reach	\$ 875,000	\$ 53,894	\$ -	\$ -	\$ 928,894			
21	Hard-to-Reach SOP	\$ 500,000	\$ 16,394	\$ -	\$ -	\$ 516,394			
22	Low-Income Weatherization	\$ 375,000	\$ 37,500	\$ -	\$ -	\$ 412,500			
23	Research & Development	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000			
24	General Administration	\$ -	\$ 175,165	\$ -	\$ -	\$ 175,165			
25	Evaluation, Measurement & Verification	\$ -	\$ -	\$ -	\$ 34,756	\$ 34,756			
26	Rider Expenses	\$ -	\$ -	\$ -	\$ -	\$ -			
27	Total Expenditures	\$ 3,002,700	\$ 312,606	\$ 40,000	\$ 34,756	\$ 3,390,063			

Southwestern Public Service Company

Costs per kW and kWh for Years 2013-2016

Revised Projected Budgets table

2015	Incentives	Admin	R&D & EM&V	Total Budget
Commercial				
Commercial & Industrial SOP	\$1,443,211	\$198,445	\$0	\$1,641,656
	\$897,795	\$90,942	\$0	\$988,737
Small Commercial SOP	\$113,416	\$20,923	\$0	\$134,339
Load Management SOP	\$150,000	\$34,762	\$0	\$184,762
Retro-Commissioning MTP	\$282,000	\$51,818	\$0	\$333,818
Residential				
Residential SOP	\$569,033	\$65,724	\$0	\$634,757
	\$569,033	\$65,724	\$0	\$634,757
Hard-To-Reach				
Hard-To-Reach SOP	\$655,200	\$108,342	\$0	\$763,541
	\$355,200	\$52,999	\$0	\$408,198
Low-Income Weatherization	\$300,000	\$55,343	\$0	\$355,343
General Administration	\$0	\$56,400	\$0	\$56,400
Research and Development				
Evaluation, Measurement & Verification	\$0	\$0	\$40,000	\$40,000
Total Annual Budgets	\$2,667,444	\$428,910	\$99,542	\$3,195,896

Projected Savings

2015	Projected Savings	Projected Savings
Customer Class and Program	kW	kWh
Commercial		
Commercial & Industrial SOP	5,465	7,629,376
Small Commercial SOP	1,900	4,993,200
Load Management SOP	301	659,920
Retro-Commissioning MTP	3,000	0
Residential		
Residential SOP	264	1,976,256
Hard-to-Reach		
Hard-to-Reach SOP	1,035	1,812,524
	712	1,246,840
Low-Income Weatherization	592	1,036,600
	120	210,240
Total Annual Projected Savings	7,212	10,688,740

Southwestern Public Service Company

Costs per kW and kWh for Years 2013-2016

2014		Projected Savings	
Customer Class and Program	kW	kWh	
Commercial			
Commercial SOP	3,719	7,132,519	
Small Commercial SOP	1,534	5,068,854	
Recommissioning MTP	188	797,420	
Load Management SOP	216	1,195,499	
	1,789	9,071	
Residential			
Residential SOP	740	2,978,606	
	740	2,978,606	
Hard-to-Reach			
Hard-to-Reach SOP	551,3603	1,850,679	
	447	1,516,815	
Low-Income Weatherization	104	333,864	
Total Annual Projected Savings	5,010	11,961,804	

Customer Segment and Program	Actual Funds Expended (Incentives)	Actual Funds Expended (Admin)	Total Funds Expended
Commercial & Industrial	\$ 904,603.51	\$ 55,587.84	\$ 960,191.35
Large Commercial SOP	\$ 522,510.95	\$ 25,655.80	\$ 548,166.75
Small Commercial SOP	\$ 65,898.41	\$ 4,568.49	\$ 70,466.90
Retro-Commissioning MTP	\$ 226,744.15	\$ 575.76	\$ 227,319.91
Load Management SOP	\$ 89,450.00	\$ 24,787.79	\$ 114,237.79
Residential	\$ 531,444.54	\$ 19,403.28	\$ 550,847.82
Residential SOP	\$ 531,444.54	\$ 19,403.28	\$ 550,847.82
Hard-to-Reach	\$ 618,150.54	\$ 41,274.33	\$ 659,424.87
Hard-to-Reach SOP	\$ 354,840.48	\$ 13,661.95	\$ 368,502.43
Low-Income Weatherization	\$ 263,310.06	\$ 27,612.38	\$ 290,922.44
Research & Development	\$ -	\$ 29,913.86	\$ 29,913.86
General Administration	\$ -	\$ 172,063.19	\$ 172,063.19
Evaluation, Measurement & Verification	\$ -	\$ 59,542.00	\$ 59,542.00
EECRF Rider Expenses	\$ -	\$ 128,663.47	\$ 128,663.47
Total Expenditures	\$ 2,054,198.59	\$ 377,784.50	\$ 2,431,983.09

Southwestern Public Service Company

Costs per kW and kWh for Years 2013-2016

Forecasted Spend					Actual Spend					Achievements						
2013	Incentives	Admin	R&D & E/M&V	Total Budget	Customer Segment and Program	Total Projected Budget (mm)	Numbers of Customers Participating	Actual Funds Expended (Incentives) (mm)	Actual Funds Expended (Admin) (mm)	Total Funds Expended (mm)	Total Budget and Total Expenditure Variance	2013	Projected Savings MW	Projected Savings MWh	Reported and Verified Savings MW	Reported and Verified Savings MWh
Commercial	\$1,443	\$78	\$0	\$1,521	Commercial & Industrial	\$1,521	50	\$578	\$88	\$666	44%	Commercial				
Commercial & Industrial SOP	\$898	\$17	\$0	\$915												
Small Commercial SOP	\$113	\$11	\$0	\$124	Large Commercial SOP	\$915	28	\$291	\$44	\$335	37%	Large Commercial & Industrial SOP	2.1	5,264	0.802	2,870
Load Management SOP	\$150	\$22	\$0	\$172	Small Commercial SOP	\$124	17	\$48	\$19	\$67	54%	Small Commercial SOP	0.2	887	0.142	592
Retro-Commissioning MTP	\$282	\$28	\$0	\$310	Load Management SOP	\$172	5	\$115	\$21	\$136	79%	Retro-Commissioning MTP	0.56	2,136	0	0
Residential	\$569	\$18	\$0	\$587	Retro-Commissioning MTP	\$310	0	\$124	\$4	\$128	41%	Load Management	3	0	2.29	25
Residential SOP	\$569	\$18	\$0	\$587	Residential	\$587	1,097	\$583	\$34	\$617	105%	Residential	0.7	2,128	1.11	2,974
Hard-To-Reach	\$655	\$53	\$0	\$708	Residential SOP	\$587	1,097	\$583	\$34	\$617	105%	Residential SOP	0.7	2,128	1.11	2,974
Hard-To-Reach SOP	\$355	\$23	\$0	\$378	Hard-to-Reach	\$708	665	\$614	\$64	\$678	96%	Hard-to-Reach	0.543	1,396	0.762	1,488
Low-Income Weatherization	\$300	\$30	\$0	\$330	Hard-to-Reach SOP	\$378	540	\$342	\$32	\$374	99%	Hard-to-Reach SOP	0.44	1,051	0.642	1,100
Administration	\$0	\$34	\$0	\$34	Low-Income Weatherization	\$330	125	\$272	\$32	\$304	92%	Low-Income Weatherization	0.1	345	0.12	388
Research and Development	\$0	\$0	\$80	\$80	R&D	\$80	NA	NA	\$10	\$10	13%	Total Annual Savings Goals	7.1	11,812	5.1	7,950
Evaluation, Measurement & Verification	\$0	\$0	\$0	\$0	Administrative	\$167	NA	NA	\$134	\$134	80%					
Total Budgets by Category	\$2,667	\$183	\$80	\$2,930	E/M&V	\$0	NA	NA	\$65	\$65	#DIV/0!					
					Total	\$3,062	1,812	\$1,776	\$395	\$2,171	71%					

Attachment JDS-3

Pages 1 through 2

Are

Confidential Protected Information

**CONFIDENTIAL PROTECTED MATERIALS
PROVIDED PURSUANT TO PROTECTIVE ORDER**

Southwestern Public Service Company

Master Estimated Useful Life Spreadsheet through TRM 2.1

TRM 1.0 PY2014

Sector	TRM Section/End Use	TRM Measure #	Energy Efficiency Measure	EUL (years)	TRM Version
Custom	Custom	NA	Custom	NA	NA
Residential	Lighting	2.1.1	Res Compact Fluorescent Lamps	5.3	1.0
Residential	HVAC	2.2.1	Res Duct Efficiency Improvement	18.0	1.0
Residential	HVAC	2.2.2	Res Central Air Conditioner	15.0	1.0
Residential	HVAC	2.2.3	Res Ground Source heat Pump	15.0	1.0
Residential	HVAC	2.2.4	Res Central Heat Pump	15.0	1.0
Residential	HVAC	2.2.5	Res Split System and Single-Package Heat Pumps (65,000-240,000)	15.0	1.0
Residential	HVAC	2.2.6	Res Split System and Single-Package Air Conditioners (65,000-240,000)	15.0	1.0
Residential	HVAC	2.2.7	Res Window Air Conditioner	13.0	1.0
Residential	Building Envelope	2.3.1	Res Air Infiltration	11.0	1.0
Residential	Building Envelope	2.3.2	Res Ceiling Insulation	25.0	1.0
Residential	Building Envelope	2.3.3	Res Wall Insulation	25.0	1.0
Residential	Building Envelope	2.3.4	Res Floor Insulation	25.0	1.0
Residential	Building Envelope	2.3.5	Res Energy Star Windows	25.0	1.0
Residential	Building Envelope	2.3.6	Res Solar Screens	10.0	1.0
Residential	Water Heating	2.4.1	Res Faucet Aerators	10.0	1.0
Residential	Water Heating	2.4.2	Res Low-Flow Showerheads	10.0	1.0
Residential	Water Heating	2.4.3	Res Water Heater Pipe Insulation	13.0	1.0
Residential	Water Heating	2.4.4	Res Water Heater Tank Insulation	7.0	1.0
Residential	Water Heating	2.4.5	Res Water Heater Replacement- High Efficiency and Fuel Substitution	13.0	1.0
Residential	Water Heating	2.4.6	Res Heat Pump Water Heater	13.0	1.0
Residential	Water Heating	2.4.7	Res Water Heater Replacement- Solar Water Heating	15.0	1.0
Residential	Appliances	2.5.1	Res Energy Star Ceiling Fans	10.0	1.0
Residential	Appliances	2.5.2	Res Energy Star Clothes Washers	11.0	1.0
Residential	Appliances	2.5.3	Res Energy Star Dishwashers	11.0	1.0
Residential	Appliances	2.5.4	Res Energy Star Refrigerator	14.0	1.0
Residential	Appliances	2.5.4	Res Energy Star Refrigerator - Docket 42212	8.0	Docket 42212
Residential	Whole House	2.6.1	Res New Homes	23.0	1.0
Residential	Renewable Energy Systems	2.7.1	Res Solar Photovoltaic (PV)	30.0	1.0
Residential	Load Management	2.8.1	Res Direct Load Control Switches Installed on Outdoor Compressor Units	1.0	1.0
Residential	Load Management	2.8.2	Res Direct Load Control Switches Installed on Swimming Pool Pump Motors	1.0	1.0
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Integrated-ballast CFL Lamps	2.5	1.0
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Integrated-ballast LED Lamps	9.0	1.0
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Light Emitting Diode	15.0	1.0
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Modular CFL and CCFL Fixtures	16.0	1.0
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: T8 and T5 Linear Fluorescents	15.5	1.0
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: T8 and T5 Linear Fluorescents replacing T12s with magnetic ballasts	8.5	1.0
Commercial	Lighting	2.1.2	Comm Lighting Controls: Occupancy Sensor	10.0	1.0
Commercial	Lighting	2.1.2	Comm Lighting Controls: Photocell (Daylight Control)	10.0	1.0

Southwestern Public Service Company

Master Estimated Useful Life Spreadsheet through TRM 2.1

TRM 1.0 PY2014

Sector	TRM Section/End Use	TRM Measure #	Energy Efficiency Measure	EUL (years)	TRM Version
Commercial	HVAC	2.2.1	Comm Split System/Single Packaged Heat Pumps and Air Conditioners	15.0	1.0
Commercial	HVAC	2.2.2	Comm HVAC Chillers: Screw/Scroll/Reciprocating Chillers	20.0	1.0
Commercial	HVAC	2.2.2	Comm HVAC Chillers: Centrifugal Chillers	25.0	1.0
Commercial	HVAC	2.2.3	Comm Packaged Terminal Air Conditioners, Heat Pumps, and Room Air Conditioners	13.0	1.0
Commercial	HVAC	2.2.4	Comm HVAC VFD on AHU Supply Fans	15.0	1.0
Commercial	Building Envelope	2.3.1	Comm Energy Star Roofs	15.0	1.0
Commercial	Building Envelope	2.3.2	Comm Window Film	10.0	1.0
Commercial	Food Service Equipment	2.4.1	Comm High Efficiency Combination Ovens	12.0	1.0
Commercial	Food Service Equipment	2.4.2	Comm High Efficiency Electric Convection Ovens	12.0	1.0
Commercial	Food Service Equipment	2.4.3	Comm Energy Star Commercial Dishwashers	11.0	1.0
Commercial	Food Service Equipment	2.4.4	Comm Hot Food Holding Cabinets	12.0	1.0
Commercial	Food Service Equipment	2.4.5	Comm Energy Star Electric Fryers	12.0	1.0
Commercial	Food Service Equipment	2.4.6	Comm Pre-Rinse Spray Valves	5.0	1.0
Commercial	Food Service Equipment	2.4.7	Comm Energy Star Electric Steam Cookers	10.0	1.0
Commercial	Refrigeration	2.5.1	Comm Door Heater Controls	12.0	1.0
Commercial	Refrigeration	2.5.2	Comm ECM Evaporator Fan Motor	15.0	1.0
Commercial	Refrigeration	2.5.3	Comm Electronic Defrost Controls	10.0	1.0
Commercial	Refrigeration	2.5.4	Comm Evaporator Fan Controls	16.0	1.0
Commercial	Refrigeration	2.5.5	Comm Night Covers for Open Refrigerated Display Cases	5.0	1.0
Commercial	Refrigeration	2.5.6	Comm Solid Glass Door Reach-Ins	12.0	1.0
Commercial	Refrigeration	2.5.7	Comm Strip Curtains for Walk-In Refrigerated Storage	4.0	1.0
Commercial	Refrigeration	2.5.8	Comm Zero Energy Doors for Refrigerated Cases	12.0	1.0
Commercial	Miscellaneous	2.6.1	Comm Vending Machine Controls	5.0	1.0
Commercial	Renewables	2.7.1	Comm Solar Photovoltaic (PV)	30.0	1.0
Commercial	Load Management	2.8.1	Comm Load Curtailment Measure	1.0	1.0
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Halogen Lamps <i>Removed from TRM 1.0, but still allowed in LSF for PY 2014; added back into TRM 2.1</i>	1.5	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: High Intensity Discharge Lamps <i>Removed from TRM 1.0, but still allowed in LSF for PY 2014; added back into TRM 2.1</i>	15.5	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Integrated-ballast CFCFL Lamps <i>Removed from TRM 1.0, but still allowed in LSF for PY 2014; added back into TRM 2.1</i>	4.5	2.1

Southwestern Public Service Company

Master Estimated Useful Life Spreadsheet through TRM 2.1

TRM 2.1 PY2015

Sector	TRM Section/End Use	TRM Measure #	Energy Efficiency Measure	EUL (years)	TRM Version
Custom	Custom	NA	Custom	NA	NA
Residential	Lighting	2.1.1	Res Compact Fluorescent Lamps	7.7	2.1
Residential	HVAC	2.2.1	Res Duct Efficiency Improvement	18	2.1
Residential	HVAC	2.2.2	Res Central AC	19	2.1
Residential	HVAC	2.2.3	Res Ground Source Heat Pump	20	2.1
Residential	HVAC	2.2.4	Res Central Heat Pump	16	2.1
Residential	HVAC	2.2.5	Res Window Air Conditioner	11	2.1
Residential	Building Envelope	2.3.1	Res Air Infiltration	11	2.1
Residential	Building Envelope	2.3.2	Res Ceiling Insulation	25	2.1
Residential	Building Envelope	2.3.3	Res Wall Insulation	25	2.1
Residential	Building Envelope	2.3.4	Res Floor Insulation	25	2.1
Residential	Building Envelope	2.3.5	Res Energy Star Windows	25	2.1
Residential	Building Envelope	2.3.6	Res Solar Screens	10	2.1
Residential	Water Heating	2.4.1	Res Faucet Aerators	10	2.1
Residential	Water Heating	2.4.2	Res Low-Flow Showerheads	10	2.1
Residential	Water Heating	2.4.3	Res Water Heater Pipe Insulation	13	2.1
Residential	Water Heating	2.4.4	Res Water Heater Tank Insulation	7	2.1
Residential	Water Heating	2.4.5	Res Water Heater Installation-Electric Tankless and Fuel Substitution	20	2.1
Residential	Water Heating	2.4.6	Res Heat Pump Water Heater	13	2.1
Residential	Water Heating	2.4.7	Res Water Heater Replacement-Solar Water Heating	15	2.1
Residential	Appliances	2.5.1	Res Energy Star Ceiling Fans	10	2.1
Residential	Appliances	2.5.2	Res Energy Star Clothes Washer	14	2.1
Residential	Appliances	2.5.3	Res Energy Star Dishwashers	15	2.1
Residential	Appliances	2.5.4	Res Energy Star Refrigerators	17	2.1
Residential	Whole House	2.6.1	Res New Homes	23	2.1
Residential	Renewable Energy	2.7.1	Res Solar Photovoltaic (PV)	30	2.1
Residential	Load Management	2.8.1	Res Direct Load Control of Outdoor Compressor Units	1	2.1
Residential	Load Management	2.8.2	Res Direct Load Control of Swimming Pool Pump Motors	1	2.1
Residential	Appliance Recycling	2.9.1	Res Refrigerator/Freezer Recycling	8	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Halogen Lamps	15	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: High Intensity Discharge Lamps	15.5	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Integrated-ballast CCFL Lamps	4.5	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Integrated-ballast CFL Lamps	2.5	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Integral LED Lamps	9	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Light Emitting Diode	15	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: Modular CFL and CCFL Fixtures	16	2.1
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures: T8 and T5 Linear Fluorescents	15.5	2.1

Southwestern Public Service Company

Master Estimated Useful Life Spreadsheet through TRM 2.1

TRM 2.1 PY2015

Sector	TRM Section/End Use	TRM Measure #	Energy Efficiency Measure	EUL (years)	TRM Version
Commercial	Lighting	2.1.1	Comm Lamps and Fixtures LEDs or T8 and T5 Linear Fluorescents replacing T12s with magnetic ballasts	8.5	2.1
Commercial	Lighting	2.1.2	Comm Lighting Controls: Occupancy Sensor	10	2.1
Commercial	Lighting	2.1.2	Comm Lighting Controls: Photocell (Daylighting Control)	10	2.1
Commercial	Lighting	2.1.2	Comm Lighting Controls: Timeclock	10	2.1
Commercial	HVAC	2.2.1	Comm Split System/Single Packaged Heat Pumps and Air Conditioners	15	2.1
Commercial	HVAC	2.2.2	Comm HVAC Chillers: Screw / Scroll / Reciprocating Chillers	20	2.1
Commercial	HVAC	2.2.2	Comm HVAC Chillers: Centrifugal Chillers	25	2.1
Commercial	HVAC	2.2.3	Comm Packaged Terminal Air Conditioners, Heat Pumps	15	2.1
Commercial	HVAC	2.2.3	Comm Room Air Conditioners	11	2.1
Commercial	HVAC	2.2.4	Comm HVAC VFD on AHU Supply Fans	15	2.1
Commercial	HVAC	2.3.1	Comm Energy Star Roofs	15	2.1
Commercial	Building Envelope	2.3.2	Comm Window Film	10	2.1
Commercial	Building Envelope	2.4.1	Comm High Efficiency Combination Ovens	12	2.1
Commercial	Food Service	2.4.2	Comm High Efficiency Electric Convection Ovens	12	2.1
Commercial	Food Service	2.4.3	Comm Energy Star Commercial Dishwashers	11	2.1
Commercial	Food Service	2.4.4	Comm Hot Food Holding Cabinets	12	2.1
Commercial	Food Service	2.4.5	Comm Energy Star Electric Fryers	12	2.1
Commercial	Food Service	2.4.6	Comm Pre-Rinse Spray Valves	5	2.1
Commercial	Food Service	2.4.7	Comm Energy Star Electric Steam Cookers	12	2.1
Commercial	Food Service	2.5.1	Comm Door Heater Controls	12	2.1
Commercial	Refrigeration	2.5.2	Comm ECM Evaporator Fan Motor	15	2.1
Commercial	Refrigeration	2.5.3	Comm Electronic Defrost Controls	10	2.1
Commercial	Refrigeration	2.5.4	Comm Evaporator Fan Controls	16	2.1
Commercial	Refrigeration	2.5.5	Comm Night Covers for Open Refrigerated Display Cases	5	2.1
Commercial	Refrigeration	2.5.6	Comm Solid and Glass Door Reach-Ins	12	2.1
Commercial	Refrigeration	2.5.7	Comm Strip Curtains for Walk-In Refrigerated Storage	4	2.1
Commercial	Refrigeration	2.5.8	Comm Zero Energy Doors for Refrigerated Cases	12	2.1
Commercial	Miscellaneous	2.6.1	Comm Vending Machine Controls	5	2.1
Commercial	Miscellaneous	2.6.2	Comm Lodging Guest Room Occupancy Sensor Controls	10	2.1
Commercial	Miscellaneous	2.6.3	Comm Pump-Off Controller	15	2.1
Commercial	Renewables	2.7.1	Comm Solar Photovoltaic (PV)	30	2.1
Commercial	Load Management	2.8.1	Comm Load Curtailment	1	2.1