

# AUSLEY McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(850) 224-9115 FAX (850) 222-7560

May 5, 2015

**VIA: ELECTRONIC FILING**

Ms. Carlotta S. Stauffer  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

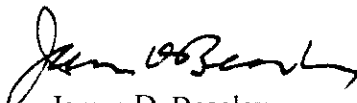
Re: Energy Conservation Cost Recovery Clause  
FPSC Docket No. 150002-EG

Dear Ms. Stauffer:

Attached for filing in the above docket on behalf of Tampa Electric Company is the Testimony of Mark R. Roche and Exhibit MRR-1, entitled Schedules Supporting Conservation Cost Recovery Factor, Actual, for the period January 2014–December 2014.

Thank you for your assistance in connection with this matter.

Sincerely,

  
James D. Beasley

JDB/pp  
Attachment



BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 150002-EG  
IN RE: CONSERVATION COST RECOVERY CLAUSE  
TESTIMONY AND EXHIBIT  
OF  
MARK R. ROCHE

FILED: May 5, 2015

1                                   **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2                                   **PREPARED DIRECT TESTIMONY**

3                                   **OF**

4                                   **MARK R. ROCHE**

5  
6   **Q.**   Please state your name, address, occupation and employer.

7  
8   **A.**   My name is Mark R. Roche. My business address is 702  
9           North Franklin Street, Tampa, Florida 33602. I am  
10          employed by Tampa Electric Company ("Tampa Electric" or  
11          "the company") as Administrator, Regulatory Rates in the  
12          Regulatory Affairs Department.

13  
14   **Q.**   Please provide a brief outline of your educational  
15          background and business experience.

16  
17   **A.**   I graduated from Thomas Edison State College in 1994 with  
18          a Bachelor of Science degree in Nuclear Engineering  
19          Technology and from Colorado State University in 2009  
20          with a Master's degree in Business Administration. My  
21          work experience includes twelve years with the US Navy in  
22          nuclear operations as well as seventeen years of electric  
23          utility experience. My utility work has included various  
24          positions in Marketing and Sales, Customer Service,  
25          Distributed Resources, Load Management, Power Quality,

1 Distribution Control Center operations, Meter Department,  
2 Meter Field Operations, Service Delivery, Revenue  
3 Assurance, Commercial and Industrial Energy Management  
4 Services, and Demand Side Management ("DSM") Planning  
5 and Forecasting. In my current position I am responsible  
6 for the company's Energy Conservation Cost Recovery  
7 ("ECCR") Clause and Storm Hardening.

8  
9 **Q.** What is the purpose of your testimony in this proceeding?

10  
11 **A.** The purpose of my testimony is to present and support for  
12 Commission review and approval the company's actual DSM  
13 programs related true-up costs incurred during the  
14 January through December 2014 period.

15  
16 **Q.** Did you prepare any exhibits in support of your  
17 testimony?

18  
19 **A.** Yes. Exhibit No. MRR-1, entitled "Tampa Electric  
20 Company, Schedules Supporting Conservation Cost Recovery  
21 Factor, Actual, January 2014-December 2014" was prepared  
22 under my direction and supervision. This Exhibit  
23 includes Schedules CT-1 through CT-6 which support the  
24 company's actual and prudent DSM program related true-up  
25 costs incurred during the January through December 2014

1 period.

2

3 **Q.** What were Tampa Electric's actual January through  
4 December 2014 conservation costs?

5

6 **A.** For the period January through December 2014, Tampa  
7 Electric incurred actual net conservation costs of  
8 \$46,620,508.

9

10 **Q.** What is the final end of period true-up amount for the  
11 conservation clause for January through December 2014?

12

13 **A.** The final conservation clause end of period true-up for  
14 January through December 2014 is an over-recovery,  
15 including interest, of \$7,549,999. This calculation is  
16 detailed on Schedule CT-1, page 1 of 1.

17

18 **Q.** Please summarize how Tampa Electric's actual program  
19 costs for January through December 2104 period compare to  
20 the actual/estimated costs presented in Docket No.  
21 140002-EG?

22

23 **A.** For the period January through December 2014, Tampa  
24 Electric had a variance of \$2,326,128 or 4.75% less than  
25 the estimated amount. The estimated total program costs

1 were projected to be \$48,946,636 which was the amount  
2 approved in Order No. PSC 14-0632-FOF-EG, issued October  
3 31, 2014 as compared to the incurred actual net  
4 conservation costs of \$46,620,508.

5  
6 **Q.** Please summarize the reasons why the actual expenses were  
7 less than projected expenses by \$2,326,128?

8  
9 **A.** The variance was a result of the following actual  
10 expenses being less than estimated in the following  
11 residential programs: Prime Time; Duct Repair; Renewable  
12 Energy Systems Initiative; New Construction; Common  
13 Expenses; Building Envelope; Electronically Commutated  
14 Motors; Education Outreach and HVAC Re-Commissioning.  
15 Additionally, actual expenses less than estimated in the  
16 following commercial programs: Conservation Value;  
17 Industrial Load Management; Cooling; Duct Repair; Energy  
18 Recovery Ventilation; Building Envelope Improvement;  
19 Demand Response; Chillers; Refrigeration Anti-Condensate;  
20 Water Heating, HVAC Re-Commissioning; Electronically  
21 Commutated Motors and Cool Roof. Each DSM program's  
22 detailed variance contribution is shown on Schedule CT-2,  
23 Page 3 of 4.

24  
25 **Q.** Are all costs listed on Schedule CT-2 directly related to

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the Commission's approved DSM programs?

**A.** Yes.

**Q.** Should Tampa Electric's cost incurred during the January through December 2014 period for energy conservation be approved by the Commission?

**A.** Yes, the costs incurred were prudent and directly related to the Commission's approved DSM programs and should be approved.

**Q.** Does that conclude your testimony?

**A.** Yes it does.

TAMPA ELECTRIC COMPANY  
SCHEDULES SUPPORTING CONSERVATION  
COST RECOVERY FACTOR  
ACTUAL  
JANUARY 2014 - DECEMBER 2014



CONSERVATION COST RECOVERY

INDEX

SCHEDULE	TITLE	PAGE
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CT-2	Program Costs - Actual vs. Projected	9
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CT-6	Program Description & Progress	19

CT-1  
Page 1 of 1

TAMPA ELECTRIC COMPANY  
Energy Conservation  
Adjusted Net True-up  
For Months January 2014 through December 2014

End of Period True-up

Principal	\$7,546,372	
Interest	\$3,627	
Total		\$7,549,999

Less: Projected True-up

Principal	\$5,624,262	
Interest	\$4,677	
Total		\$5,628,939

Adjusted Net True-up \$1,921,060

CT-2  
 Page 1 of 4

TAMPA ELECTRIC COMPANY  
 Analysis of Energy Conservation Program Costs  
 Actual vs. Projected  
 For Months January 2014 through December 2014

Description	Actual	Projected	Difference
1 Capital Investment	\$1,482,817	\$1,223,492	\$259,325
2 Payroll	\$4,163,609	\$4,683,378	(\$519,769)
3 Materials and Supplies	\$85,190	\$52,074	\$33,116
4 Outside Services	\$6,173,212	\$5,734,515	\$438,697
5 Advertising	\$1,058,247	\$593,930	\$464,317
6 Incentives	\$33,011,325	\$36,473,147	(\$3,461,822)
7 Vehicles	\$217,736	\$241,386	(\$23,650)
8 Other	\$630,669	\$190,305	\$440,364
9 Subtotal	\$46,822,805	\$49,192,227	(\$2,369,422)
10 Less: Program Revenues	(\$202,297)	(\$245,591)	\$43,294
11 Total Program Costs	\$46,620,508	\$48,946,636	(\$2,326,128)
12 Adjustments	\$0	\$0	\$0
13 Beginning of Period True-up Overrecovery	(\$5,476,721)	(\$5,476,721)	\$0
14 Amounts included in Base Rates	\$0	\$0	\$0
15 Conservation Adjustment Revenues	(\$48,690,159)	(\$49,094,177)	\$404,018
16 True-up Before Interest	\$7,546,372	\$5,624,262	\$1,922,110
17 Interest Provision	\$3,627	\$4,677	(\$1,050)
18 End of Period True-up	\$7,549,999	\$5,628,939	\$1,921,060

TAMPA ELECTRIC COMPANY  
Actual Conservation Program Costs per Program  
For Months January 2014 through December 2014

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1 Heating and Cooling (E)	\$0	\$72,832	\$0	\$250	\$0	\$1,227,125	\$453	\$3,871	\$0	\$1,304,531
2 Prime Time (D)	0	200,945	12,742	907,222	0	3,955,955	3,024	42,804	0	5,122,692
3 Energy Audits (E)	0	1,257,926	21,484	278,850	652,156	0	113,551	79,562	(225)	2,403,304
4 Cogeneration (E)	0	108,010	0	0	0	0	237	670	0	108,917
5 C & I Load Mngmt (D)	0	3,155	0	244	0	6,958	0	74	0	10,431
6 Commerical Lighting (E)	0	52,940	111	0	0	741,184	1,009	74	0	795,318
7 Standby Generator (D)	0	22,831	1,712	0	800	2,843,490	125	918	0	2,869,876
8 Conservation Value (E)	0	22,555	5,166	0	0	101,415	101	345	0	129,582
9 Duct Repair (E)	0	32,805	403	0	0	358,052	5,662	13,446	0	410,368
10 Renewable Energy Initiative (E)	0	23,562	350	166,024	(213)	0	369	10,417	(202,072)	(1,563)
11 Renewable Energy Systems Initiative (E)	0	93,223	0	188,002	0	1,172,480	1,059	87	0	1,454,851
12 Industrial Load Management (D)	15,120	14,363	0	0	0	16,305,518	178	0	0	16,335,179
13 DSM R&D (D&E) (50% D, 50% E)	0	0	0	0	0	0	0	0	0	0
14 Commercial Cooling (E)	0	23,568	228	90	0	87,262	128	74	0	111,350
15 Residential New Construction (E)	0	105,575	0	0	0	1,707,850	853	2,403	0	1,816,681
16 Common Expenses (D&E) (50% D, 50% E)	0	881,777	14,904	265,460	0	0	2,134	48,362	0	1,212,637
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,467,697	798,276	19,602	480,678	405,504	0	73,228	381,640	0	3,626,625
18 Residential Building Envelope Improvement (E)	0	151,888	1,575	67	0	2,001,031	7,477	7,548	0	2,169,586
19 Residential Electronic Commutated Motors (E)	0	0	0	0	0	0	0	0	0	0
20 Energy Education Outreach (E)	0	38,840	4,895	22,617	0	0	1,046	11,141	0	78,539
21 Residential Re-Commissioning (E)	0	5,778	0	3,695	0	5,850	210	563	0	16,096
22 Residential Low- Income Weatherization (E)	0	127,178	543	874,746	0	1,950,622	5,801	20,102	0	2,978,992
23 Commercial Duct Repair (E)	0	22,769	117	0	0	51,300	64	74	0	74,324
24 Commercial Energy Recovery Ventilation (E)	0	163	0	0	0	0	0	0	0	163
25 Commercial Building Envelope Improvement (E)	0	27,483	459	0	0	119,815	459	148	0	148,364
26 Commercial Energy Efficient Motors (E)	0	399	0	0	0	780	0	74	0	1,253
27 Commercial Demand Response (D)	0	16,204	0	2,984,007	0	0	54	4,845	0	3,005,110
28 Commercial Chiller Replacement (E)	0	1,204	111	0	0	26,800	0	74	0	28,189
29 Commercial Occupancy Sensors (Lighting) (E)	0	1,037	111	0	0	35,900	9	74	0	37,131
30 Commercial Refrigeration (Anti-Condensate) (E)	0	54	0	0	0	0	0	0	0	54
31 Commercial Water Heating (E)	0	245	0	0	0	0	0	74	0	319
32 Commercial HVAC Re-Commissioning (E)	0	15,549	409	1,170	0	20,514	102	738	0	38,482
33 Commercial Electronic Commutated Motors (E)	0	326	0	0	0	0	0	0	0	326
34 Cool Roof (E)	0	40,149	268	90	0	291,424	403	467	0	332,801
35 Total All Programs	<u>\$1,482,817</u>	<u>\$4,163,609</u>	<u>\$85,190</u>	<u>\$6,173,212</u>	<u>\$1,058,247</u>	<u>\$33,011,325</u>	<u>\$217,736</u>	<u>\$630,669</u>	<u>(\$202,297)</u>	<u>\$46,620,508</u>

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TAMPA ELECTRIC COMPANY  
Conservation Program Costs per Program  
Variance - Actual vs. Projected  
For Months January 2014 through December 2014

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1 Heating and Cooling (E)	\$0	(\$30,368)	(\$1,036)	(\$866)	(\$1,770)	\$201,175	\$50	\$1,259	\$0	\$168,444
2 Prime Time (D)	0	(77,153)	10,797	548,878	0	(594,308)	(689)	11,252	0	(101,223)
3 Energy Audits (E)	0	(158,854)	(10,012)	181,440	254,934	0	11,959	(23,798)	(225)	255,444
4 Cogeneration (E)	0	4,340	0	0	0	0	68	670	0	5,078
5 C & I Load Mngmt (D)	0	2,668	0	(244)	0	(3)	0	74	0	2,495
6 Commerical Lighting (E)	0	(33,258)	(294)	0	0	409,600	(360)	(764)	0	374,924
7 Standby Generator (D)	0	(34,215)	1,712	(500)	800	518,606	(44)	819	0	487,178
8 Conservation Value (E)	0	9,824	2,554	0	0	(164,019)	(41)	345	0	(151,337)
9 Duct Repair (E)	0	(61,190)	53	(1,000)	(1,770)	50,621	(1,648)	6,239	0	(8,695)
10 Renewable Energy Initiative (E)	0	(2,518)	96	(82,330)	(213)	0	(125)	40,008	43,519	(1,563)
11 Renewable Energy Systems Initiative (E)	0	(22,953)	0	73,837	0	(110,245)	(2,341)	(23)	0	(61,725)
12 Industrial Load Management (D)	7,104	2,629	0	0	0	-2,817,716	(594)	0	0	(2,808,577)
13 DSM R&D (D&E) (50% D, 50% E)	0	0	0	0	0	0	0	0	0	0
14 Commercial Cooling (E)	0	10,414	228	90	0	(21,781)	(26)	(66)	0	(11,141)
15 Residential New Construction (E)	0	63,361	(270)	0	0	(295,000)	(25,004)	267	0	(256,646)
16 Common Expenses (D&E) (50% D, 50% E)	0	136,493	14,326	(486,657)	0	0	1,471	10,342	0	(324,025)
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	252,221	(137,842)	12,013	37,299	214,106	0	(1,694)	406,179	0	782,282
18 Residential Building Envelope Improvement (E)	0	(64,800)	447	(1,733)	(1,770)	(977,793)	(1,717)	3,202	0	(1,044,164)
19 Residential Electronic Commutated Motors (E)	0	(1,128)	0	(370)	0	(810)	0	(50)	0	(2,358)
20 Energy Education Outreach (E)	0	(14,480)	2,433	(10,762)	0	0	(1,377)	(5,748)	0	(29,934)
21 Residential Re-Commissioning (E)	0	(17,512)	0	(10,760)	0	(15,450)	(20)	(613)	0	(44,355)
22 Residential Low- Income Weatherization (E)	0	(14,664)	341	544,094	0	705,977	1,363	(12,260)	0	1,224,851
23 Commercial Duct Repair (E)	0	(62,812)	(162)	0	0	(168,300)	(522)	(107)	0	(231,903)
24 Commercial Energy Recovery Ventilation (E)	0	(438)	0	0	0	(18,143)	(50)	0	0	(18,631)
25 Commercial Building Envelope Improvement (E)	0	(5,389)	(264)	0	0	(5,857)	(430)	148	0	(11,792)
26 Commercial Energy Efficient Motors (E)	0	76	0	0	0	480	(30)	74	0	600
27 Commercial Demand Response (D)	0	(8,169)	(84)	(347,249)	0	0	(567)	1,719	0	(354,350)
28 Commercial Chiller Replacement (E)	0	(2,650)	111	0	0	(18,950)	(100)	74	0	(21,515)
29 Commercial Occupancy Sensors (Lighting) (E)	0	(1,842)	111	0	0	17,152	(136)	74	0	15,359
30 Commercial Refrigeration (Anti-Condensate) (E)	0	(111)	0	0	0	(1,500)	0	0	0	(1,611)
31 Commercial Water Heating (E)	0	153	0	0	0	(250)	(50)	74	0	(73)
32 Commercial HVAC Re-Commissioning (E)	0	(7,060)	151	(4,560)	0	(24,600)	(398)	507	0	(35,960)
33 Commercial Electronic Commutated Motors (E)	0	(9)	0	0	0	(659)	(50)	0	0	(718)
34 Cool Roof (E)	0	9,688	(135)	90	0	(130,049)	(548)	467	0	(120,487)
35 Total All Programs	\$259,325	(\$519,769)	\$33,116	\$438,697	\$464,317	(\$3,461,822)	(\$23,650)	\$440,364	\$43,294	(\$2,326,128)

TAMPA ELECTRIC COMPANY  
Description for Accounts  
For Months January 2014 through December 2014

1823320	RESIDENTIAL LOAD MANAGEMENT	12000409	COMMERCIAL DEMAND RESPONSE
1823321	COMMERCIAL-INDUSTRIAL LOAD MGT	12000411	COMMERCIAL CHILLER
1823322	PRICE RESPONSIVE LOAD MGMT	12000413	COMMERCIAL LIGHTING OCCUPANCY SENSOR
4560060	OTHER ELECTRIC REVENUE PARKING	12000415	COMMERCIAL REFRIGERATION
4560020	JOB ORDER REVENUES	12000417	COMMERCIAL WATER HEATING PROGRAM
4560120	OTHER REVENUE-BERS-BLDG ENERGY EFF	12000419	RES. ELECTRONIC COMMUTATED MOTORS
12000347	COMMON RECOVERABLE CONS COSTS	12000421	RES. HVAC RE-COMMISSIONING
12000349	HEATING & COOLING PROGRAM	12000423	SOLAR-SCHOOLS
12000351	PRIME TIME EXPENSES	12000425	LOW INCOME WEATHERIZATION
12000353	RESIDENTIAL CUSTOMER ASSISTED AUDIT	12000427	DSM R&D
12000355	RESIDENTIAL PHONE-ASSISTED AUDIT	12000429	DSM COMMERCIAL COOLING
12000357	COMPREHENSIVE HOME SURVEY	12000431	RES. NEW CONSTRUCTION
12000359	FREE HOME ENERGY CHECK	12000433	PRICE RESPONSIVE LOAD MGMT R&D
12000361	COMPREHENSIVE C/I AUDIT	12000435	COMMERCIAL ROOF INSULATION
12000363	FREE C/I AUDIT	12000437	COMMERCIAL EXIT SIGNS
12000365	WALL INSULATION	12000439	COMM. HVAC RE-COMMISSIONING
12000367	WINDOW REPLACEMENT	12000441	COMM. ELECTRONIC COMMUTATED MOTORS
12000369	RESIDENTIAL BERS AUDIT	12000443	COMMERCIAL COOL ROOF
12000371	COGENERATION	12000445	COMM. ENERGY RECOVERY VENTILATION
12000373	WINDOW FILM	12001706	HEATING & COOLING PROG ADVERTISING
12000375	EDUCATIONAL ENERGY AWARENESS	12001708	PRIME TIME ADVERTISING
12000377	COMMERCIAL DUCT REPAIR PROGRAM	12001710	RESIDENTIAL CUSTOMER ASSISTED - ADVERTISING
12000379	INDUSTRIAL LOAD MANAGEMENT	12001712	COMPREHENSIVE HOME SURVEY ADVERTISING
12000381	CEILING INSULATION	12001714	FREE HOME ENERGY CHECK ADVERTISING
12000383	COMMERCIAL LOAD MGMT	12001716	FREE C/I AUDIT ADVERTISING
12000385	COMMERCIAL INDOOR LIGHTING PROGRAM	12001718	INDUSTRIAL LOAD MANAGEMENT ADVERTISING
12000387	STANDBY GENERATOR PROGRAM	12001740	CEILING INSULATION ADVERTISING
12000389	CONSERVATION VALUE PROGRAM	12001742	C&I LOAD MANAGEMENT ADVERTISING
12000391	RESIDENTIAL DUCT EFFICIENCY	12001744	COMMERCIAL INDOOR LIGHTING PROGRAM ADVERTISING
12000393	RENEWABLE ENERGY INITIATIVE	12001746	STANDBY GENERATOR PROGRAM ADVERTISING
12000395	COMMERCIAL SOLAR WINDOW FILM	12001748	CONSERVATION VALUE PROGRAM ADVERTISING
12000397	COMMERCIAL CEILING INSULATION	12001750	RESIDENTIAL DUCT EFFICIENCY ADVERTISING
12000399	COMMERCIAL WALL INSULATION	12001752	RENEWABLE ENERGY INITIATIVE ADVERTISING
12000401	COMMERCIAL ENERGY EFFICIENT MOTORS	12001754	COMMERCIAL COOLING ADVERTISING
12000403	SOLAR WATER HEATING	12001756	RES. NEW CONSTRUCTION ADVERTISING
12000405	SOLAR PHOTOVOLTAICS	12001758	PRICE RESPONSIVENESS LOAD MGMT
12000407	SOLAR WATER HEATING LOW-INCOME		

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Summary of Expenses by Program by Month  
For Months January 2014 through December 2014

Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Heating and Cooling (E)	90,266	82,909	110,154	88,809	99,908	123,015	126,552	153,825	128,905	138,483	99,475	62,230	1,304,531
2 Prime Time (D)	553,487	533,389	485,480	396,025	425,446	423,513	391,080	349,076	399,181	369,044	385,420	411,551	5,122,692
3 Energy Audits (E)	81,073	130,316	130,566	279,155	220,176	142,114	223,200	219,611	270,150	214,727	196,333	295,883	2,403,304
4 Cogeneration (E)	7,135	9,572	11,072	10,996	12,085	7,147	8,142	9,478	8,426	9,683	7,148	8,033	108,917
5 C & I Load Mngmt (D)	-	-	224	-	1,988	994	1,285	3,922	994	994	-	30	10,431
6 Commerical Lighting (E)	24,948	155,264	75,447	226,794	26,849	31,349	26,188	22,744	13,085	34,286	39,711	118,653	795,318
7 Standby Generator (D)	257,750	234,819	264,379	248,839	235,232	232,195	231,536	231,581	231,790	234,851	234,447	232,457	2,869,876
8 Conservation Value (E)	1,477	105,672	2,386	6,230	2,555	1,123	1,049	3,735	1,057	1,544	1,143	1,611	129,582
9 Duct Repair (E)	35,899	25,413	32,841	26,543	25,591	38,584	41,350	39,275	34,445	38,769	27,259	44,399	410,368
10 Renewable Energy Initiative (E)	-	-	-	-	-	-	-	(1,564)	-	0	1	-	(1,563)
11 Renewable Energy Systems Initiative (E)	10,543	272,791	452,406	6,914	170,329	36,528	31,105	78,460	126,804	88,346	12,127	168,498	1,454,851
12 Industrial Load Management (D)	1,492,142	1,512,019	1,492,658	1,534,936	1,156,285	1,735,628	1,315,030	1,450,152	1,204,839	1,161,491	1,164,003	1,115,996	16,335,179
13 DSM R&D (D&E) (50% D, 50% E)	-	-	-	-	-	-	-	-	-	-	-	-	-
14 Commercial Cooling	1,651	18,834	5,509	1,792	3,400	3,396	3,398	23,397	4,108	10,135	20,346	15,384	111,350
15 Residential New Construction	260,066	103,082	93,803	107,995	151,831	65,313	77,529	257,812	115,344	352,475	191,934	39,497	1,816,681
16 Common Expenses (D&E) (50% D, 50% E)	132,941	86,667	85,706	106,731	140,088	106,218	92,945	90,560	66,192	175,969	72,753	55,867	1,212,637
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	395,253	314,308	358,186	261,132	307,468	263,429	299,093	190,644	305,901	317,224	295,552	318,435	3,626,625
18 Residential Building Improvement	141,921	152,699	196,122	149,438	269,641	189,032	232,725	214,351	127,556	182,456	113,382	200,263	2,169,586
19 Residential Electronic Commutated Motors	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Educational Energy Awareness (Pilot)	2,890	6,871	8,163	6,564	7,372	19,701	4,190	5,027	5,200	4,112	2,964	5,485	78,539
21 Residential Re-Commissioning (E)	1,034	1,266	1,607	1,430	3,357	851	1,676	684	1,500	1,510	765	416	16,096
22 Residential Low-Income Weatherization	173,900	141,756	127,079	262,207	187,250	341,301	196,390	210,416	223,302	527,319	168,896	419,176	2,978,992
23 Commerical Duct Repair	4,787	8,968	5,805	6,913	4,893	6,976	1,745	10,866	9,120	5,318	3,841	5,092	74,324
24 Commercial Energy Recovery Ventilation	-	-	-	-	-	-	-	-	-	-	109	54	163
25 Commerical Building Improvement	4,184	27,122	13,032	6,915	8,281	8,130	4,031	9,471	41,054	5,833	17,178	3,133	148,364
26 Commercial Energy Efficiency Motors	47	95	121	47	-	649	-	-	-	-	294	-	1,253
27 Commercial Demand Response	278,126	31,454	1,671	1,339	1,225,942	203,221	209,638	201,729	238,304	291,779	319,509	2,398	3,005,110
28 Commerical Chiller Replacement	-	-	2,118	111	430	4,831	-	-	-	2,523	17,959	217	28,189
29 Commerical Occupancy Sensors (Lighting)	13,845	13,056	4,495	1,556	299	54	1,267	94	2	-	375	2,088	37,131
30 Commerical Refrigeration (Anti-Condensate)	-	-	-	-	-	-	-	-	-	-	54	-	54
31 Commerical Water Heating	-	-	74	-	-	109	-	-	109	-	27	-	319
32 Commercial HVAC Re-Commissioning	4,578	1,373	2,020	1,318	1,871	1,247	1,247	1,122	1,324	1,757	14,404	6,221	38,482
33 Commercial Electronic Commutated Motors	-	-	-	-	-	-	-	-	-	-	109	217	326
34 Cool Roof	60,375	2,543	16,705	40,300	48,284	11,592	37,713	3,961	16,100	19,607	33,891	41,730	332,801
<b>Total</b>	<b>4,030,318</b>	<b>3,972,258</b>	<b>3,979,829</b>	<b>3,781,029</b>	<b>4,736,851</b>	<b>3,998,240</b>	<b>3,560,104</b>	<b>3,780,429</b>	<b>3,574,792</b>	<b>4,190,235</b>	<b>3,441,409</b>	<b>3,575,014</b>	<b>46,620,508</b>
Less: Amount Included in Base Rates	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Recoverable Conservation Expenses</b>	<b>4,030,318</b>	<b>3,972,258</b>	<b>3,979,829</b>	<b>3,781,029</b>	<b>4,736,851</b>	<b>3,998,240</b>	<b>3,560,104</b>	<b>3,780,429</b>	<b>3,574,792</b>	<b>4,190,235</b>	<b>3,441,409</b>	<b>3,575,014</b>	<b>46,620,508</b>

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up and Interest Provision  
For Months January 2014 through December 2014

Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Residential Conservation Audit Fees (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 Conservation Adjustment Revenues *	3,731,048	3,718,416	3,401,290	3,411,799	3,981,359	4,606,008	4,818,485	4,738,693	4,845,444	4,220,351	3,607,110	3,610,158	48,690,159
3 Total Revenues	3,731,048	3,718,416	3,401,290	3,411,799	3,981,359	4,606,008	4,818,485	4,738,693	4,845,444	4,220,351	3,607,110	3,610,158	48,690,159
4 Prior Period True-up	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,398</u>	<u>5,476,721</u>
5 Conservation Revenue Applicable to Period	4,187,441	4,174,809	3,857,683	3,868,192	4,437,752	5,062,401	5,274,878	5,195,086	5,301,837	4,676,744	4,063,503	4,066,556	54,166,880
6 Conservation Expenses	<u>4,030,318</u>	<u>3,972,258</u>	<u>3,979,829</u>	<u>3,781,029</u>	<u>4,736,851</u>	<u>3,998,240</u>	<u>3,560,104</u>	<u>3,780,429</u>	<u>3,574,792</u>	<u>4,190,235</u>	<u>3,441,409</u>	<u>3,575,014</u>	46,620,508
7 True-up This Period (Line 5 - Line 6)	157,123	202,551	(122,146)	87,163	(299,099)	1,064,161	1,714,774	1,414,657	1,727,045	486,509	622,094	491,542	7,546,372
8 Interest Provision This Period	320	253	232	250	180	141	223	278	334	367	446	603	3,627
9 True-up & Interest Provision Beginning of Period	\$5,476,721	5,177,771	4,924,182	4,345,875	3,976,895	3,221,583	3,829,492	5,088,096	6,046,638	7,317,624	7,348,107	7,514,254	5,476,721
10 Prior Period True-up Collected (Refunded)	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,398)</u>	<u>(5,476,721)</u>
11 End of Period Total Net True-up	<u>\$5,177,771</u>	<u>\$4,924,182</u>	<u>\$4,345,875</u>	<u>\$3,976,895</u>	<u>\$3,221,583</u>	<u>\$3,829,492</u>	<u>\$5,088,096</u>	<u>\$6,046,638</u>	<u>\$7,317,624</u>	<u>\$7,348,107</u>	<u>\$7,514,254</u>	<u>\$7,550,001</u>	<u>\$7,549,999</u>

\* Net of Revenue Taxes

(A) Included in Line 6



TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up and Interest Provision  
For Months January 2014 through December 2014

Interest Provision	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Beginning True-up Amount	\$5,476,721	\$5,177,771	\$4,924,182	\$4,345,875	\$3,976,895	\$3,221,583	\$3,829,492	\$5,088,096	\$6,046,638	\$7,317,624	\$7,348,107	\$7,514,254	
2 Ending True-up Amount Before Interest	5,177,451	4,923,929	4,345,643	3,976,645	3,221,403	3,829,351	5,087,873	6,046,360	7,317,290	7,347,740	7,513,808	7,549,398	
3 Total Beginning & Ending True-up	<u>10,654,172</u>	<u>10,101,700</u>	<u>9,269,825</u>	<u>8,322,520</u>	<u>7,198,298</u>	<u>7,050,934</u>	<u>8,917,365</u>	<u>11,134,456</u>	<u>13,363,928</u>	<u>14,665,364</u>	<u>14,861,915</u>	<u>15,063,652</u>	
4 Average True-up Amount (50% of Line 3)	<u>5,327,086</u>	<u>5,050,850</u>	<u>4,634,913</u>	<u>4,161,260</u>	<u>3,599,149</u>	<u>3,525,467</u>	<u>4,458,683</u>	<u>5,567,228</u>	<u>6,681,964</u>	<u>7,332,682</u>	<u>7,430,958</u>	<u>7,531,826</u>	
5 Interest Rate - First Day of Month	0.080%	0.070%	0.060%	0.070%	0.080%	0.040%	0.060%	0.060%	0.070%	0.060%	0.070%	0.080%	
6 Interest Rate - First Day of Next Month	0.070%	0.060%	0.070%	0.080%	0.040%	0.060%	0.060%	0.070%	0.060%	0.070%	0.080%	0.100%	
7 Total (Line 5 + Line 6)	0.150%	0.130%	0.130%	0.150%	0.120%	0.100%	0.120%	0.130%	0.130%	0.130%	0.150%	0.180%	
8 Average Interest Rate (50% of Line 7)	0.075%	0.065%	0.065%	0.075%	0.060%	0.050%	0.060%	0.065%	0.065%	0.065%	0.075%	0.090%	
9 Monthly Average Interest Rate (Line 8/12)	0.006%	0.005%	0.005%	0.006%	0.005%	0.004%	0.005%	0.005%	0.005%	0.005%	0.006%	0.008%	
10 Interest Provision (Line 4 x Line 9)	\$320	\$253	\$232	\$250	\$180	\$141	\$223	\$278	\$334	\$367	\$446	\$603	\$3,627

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months January 2014 through December 2014

PRICE RESPONSIVE LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$ 159,812	\$ 169,050	\$ 135,859	\$ 148,364	\$ 142,668.60	\$ 146,144.03	\$ 165,276.56	\$ 181,969.22	\$ 223,428.02	\$ 183,174.06	\$ 183,702.46	\$ 119,666.78	\$1,959,114
2 Retirements		-	-	6,845	480	87,572	69,742	541	97,055	48,758	189,863	196,711	73,208	770,774
3 Depreciation Base		5,371,071	5,540,121	5,669,135	5,817,018	5,872,114	5,948,516	6,113,252	6,198,167	6,372,837	6,366,148	6,353,140	6,399,599	
4 Depreciation Expense		88,186	90,927	93,410	95,718	97,409	98,505	100,515	102,595	104,758	106,158	105,994	106,273	1,190,448
5 Cumulative Investment	\$5,211,259	\$5,371,071	\$5,540,121	\$5,669,135	\$5,817,018	\$5,872,114	\$5,948,516	\$6,113,252	\$6,198,167	\$6,372,837	\$6,366,148	\$6,353,140	\$6,399,599	\$6,399,599
6 Less: Accumulated Depreciation	2,601,566	2,689,752	2,780,679	2,867,244	2,962,482	2,972,319	3,001,082	3,101,056	3,106,596	3,162,596	3,078,891	2,988,174	3,021,239	3,021,239
7 Net Investment	<u>\$2,609,693</u>	<u>\$2,681,319</u>	<u>\$2,759,442</u>	<u>\$2,801,891</u>	<u>\$2,854,536</u>	<u>\$2,899,795</u>	<u>\$2,947,434</u>	<u>\$3,012,196</u>	<u>\$3,091,571</u>	<u>\$3,210,241</u>	<u>\$3,287,257</u>	<u>\$3,364,966</u>	<u>\$3,378,360</u>	<u>\$3,378,360</u>
8 Average Investment		2,645,506	2,720,381	2,780,667	2,828,214	2,877,166	2,923,615	2,979,815	3,051,884	3,150,906	3,248,749	3,326,112	3,371,663	
9 Return on Average Investment - Equity Component		15,926	16,377	16,740	17,026	17,321	17,601	17,592	18,017	18,602	19,180	19,636	19,905	213,923
10 Return on Average Investment - Debt Component		4.872	5.010	5.121	5.209	5.299	5.385	5.052	5.174	5.342	5.507	5.639	5.716	63.326
11 Total Depreciation and Return		<u>\$108,984</u>	<u>\$112,314</u>	<u>\$115,271</u>	<u>\$117,953</u>	<u>\$120,029</u>	<u>\$121,491</u>	<u>\$123,159</u>	<u>\$125,786</u>	<u>\$128,702</u>	<u>\$130,845</u>	<u>\$131,269</u>	<u>\$131,894</u>	<u>\$1,467,697</u>

Note: Depreciation expense is calculated using a useful life of 60 months.  
Line 9 x 7.2242% x 1/12 (Jan-Jun) and Line 9 x 7.0844% x1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).  
Line 10 x 2.2101% x 1/12 (Jan-Jun) and Line 10 x 2.0343% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
For Months January 2014 through December 2014

INDUSTRIAL LOAD MANAGEMENT

Description	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Investment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
2 Retirements		-	-	-	-	-	-	-	-	-	-	-	-	0
3 Depreciation Base		55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	
4 Depreciation Expense		919	919	919	919	919	919	919	919	919	919	919	919	11,028
5 Cumulative Investment	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126	\$55,126
6 Less: Accumulated Depreciation	5,541	6,460	7,379	8,298	9,217	10,136	11,055	11,974	12,893	13,812	14,731	15,650	16,569	16,569
7 Net Investment	\$49,585	\$48,666	\$47,747	\$46,828	\$45,909	\$44,990	\$44,071	\$43,152	\$42,233	\$41,314	\$40,395	\$39,476	\$38,557	\$38,557
8 Average Investment		49,126	48,207	47,288	46,369	45,450	44,531	43,612	42,693	41,774	40,855	39,936	39,017	
9 Return on Average Investment		296	290	285	279	274	268	257	252	247	241	236	230	3,155
10 Return Requirements		90	89	87	85	84	82	74	72	71	69	68	66	937
11 Total Depreciation and Return		\$1,305	\$1,298	\$1,291	\$1,283	\$1,277	\$1,269	\$1,250	\$1,243	\$1,237	\$1,229	\$1,223	\$1,215	\$15,120

Note: Depreciation expense is calculated using a useful life of 60 months.  
Line 9 x 7.2242% x 1/12 (Jan-Jun) and Line 9 x 7.0844% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).  
Line 10 x 2.2101% x 1/12 (Jan-Jun) and Line 10 x 2.0343% x 1/12 (Jul-Dec).

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TAMPA ELECTRIC COMPANY  
Reconciliation and Explanation of  
Difference Between Filing and FPSC Audit  
For Months January 2014 through December 2014

The audit has not been completed as of the date of this filing.

## Program Description and Progress

Program Title: Heating and Cooling Program

Program Description: This residential rebate program encourages residential customers to install high-efficiency residential heating and cooling equipment in existing homes.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 4,292 units were installed.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$1,304,531.

Program Progress Summary: Through this reporting period 189,147 approved units have been installed.

## Program Description and Progress

Program Title: Prime Time

Program Description: This load management incentive program encourages residential customers to allow the control for reducing weather-sensitive heating, cooling and water heating through a radio signal control mechanism. The participating customers receive monthly incentives as credits on their electric bills. Per Commission Order No. PSC-05-0181-PAA-EG issued February 16, 2005, this program is closed to new participants.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 11,202 net customers that discontinued participation during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$5,122,692.

Program Progress Summary: Through this reporting period there are 26,280 participating customers.

## Program Description and Progress

Program Title: Energy Audits

Program Description: These are a "how to" information and analysis guide for customers. Six types of audits are available to Tampa Electric customers; four types are for residential class customers and two types are for commercial/industrial customers.

Program Accomplishments: January 1, 2014 to December 31, 2014

Number of audits completed:  
Residential on-site – 9,520  
Residential customer assisted – 1,067  
Commercial on-site – 716

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$2,403,304.

Program Progress Summary: Through this reporting period 325,971 on-site audits have been performed. Additionally, the company has processed 122,420 residential and commercial customer assisted audits.

## Program Description and Progress

Program Title:	<u>Cogeneration</u>
Program Description:	This incentive program allows for large industrial customers with waste heat or fuel resources to install electric generating equipment to meet their own electrical requirements and/or sell their surplus to the company.
Program Accomplishments:	<u>January 1, 2014 to December 31, 2014</u>  The company continued communication and interaction with all present and potential customers.  Tampa Electric completed the development and publication of the 20-Year Cogeneration Forecast, reviewed proposed cogeneration opportunities for cost-effectiveness and answered data requests from existing cogenerators. The company also attended meetings as scheduled with cogeneration customer personnel at selected facilities.
Program Fiscal Expenditures:	<u>January 1, 2014 to December 31, 2014</u>  Actual expenses were \$108,917.
Program Progress Summary:	The total maximum generation by electrically interconnected cogeneration during 2014 was approximately 486 MW and 2,159 GWH. This amount was lower than 2013 due to two facilities being down for some time period for maintenance on their generators.  The company continues interaction with current and potential cogeneration developers regarding on-going and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in Tampa Electric's service area.



## Program Description and Progress

Program Title: Commercial Load Management

Program Description: This load management incentive program that encourages commercial and industrial customers to allow the control for reducing weather-sensitive heating, cooling, water heating and other technologies through a radio signal control mechanism.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were no customers added or removed from the program during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$10,431.

Program Progress Summary: Through this reporting period there are six participating customers.

## Program Description and Progress

Program Title: Commercial Lighting

Program Description: This rebate program encourages commercial and industrial customer to invest in more efficient lighting technologies in existing commercial facilities.

Program Accomplishments: January 1, 2014 to December 31, 2014

Number of incentives paid:

Conditioned space - 112

Un-conditioned space - 21

Exit signs - 12

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual program expenses were \$795,318.

Program Progress Summary: Through this reporting period 1897 customers have received an incentive.

## Program Description and Progress

Program Title: Standby Generator

Program Description: This incentive program is designed to utilize the emergency generation capacity of commercial/ industrial facilities in order to reduce weather sensitive peak demand.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were two net customers added during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$2,869,876.

Program Progress Summary: Through this reporting period there are 99 participating customers.

## Program Description and Progress

Program Title: Conservation Value

Program Description: This rebate program encourages commercial and industrial customers to invest in energy efficiency and conservation measures that are not sanctioned by other commercial programs.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were two new customers that qualified for an incentive during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$129,582.

Program Progress Summary: Through this reporting period 45 customers have qualified and received the appropriate incentive.

Pursuant to Docket No. 900885-EG, Commission Order No. 24276, issued March 25, 1991 for the purpose of approving Tampa Electric Company's Conservation Value Program, the company is filing the attached table. Specifically, the table provides incentive payments as well as other program costs incurred during the January through December 2014 period. The table format was filed with the Commission on April 23, 1991 in response to the aforementioned order requesting the program participation standards.

TAMPA ELECTRIC COMPANY  
 CONSERVATION VALUE PROGRAM  
 CUSTOMER INCENTIVE PAYMENT SCHEDULE  
 JANUARY 2014 - DECEMBER 2014

CUSTOMER DATA	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
<b>HILLSBOROUGH COUNTY SCHOOLS - DURANT</b>		\$60,000										
AVG. SUM DEMAND SAVING:	489											
AVG. WIN DEMAND SAVING:	0											
ANNUAL ENERGY SAVING:	50,000											
<b>HILLSBOROUGH COUNTY SCHOOLS - TWIN LAKES<sup>(1)</sup></b>		\$41,415										
AVG. SUM DEMAND SAVING:	301.2											
AVG. WIN DEMAND SAVING:	0											
ANNUAL ENERGY SAVING:	109											
MONTHLY TOTALS:	\$0	\$101,415	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

TOTAL INCENTIVES PAID FOR PERIOD: **\$101,415**  
 TOTAL OTHER EXPENSES FOR PERIOD: **\$28,167**  
 GRAND TOTAL EXPENSES FOR PERIOD: **\$129,582**

<sup>(1)</sup> Represents second half of incentive paid. Initial payment made in 2012.

## Program Description and Progress

Program Title: Duct Repair

Program Description: This residential rebate program encourages residential customers to repair leaky duct work of central air conditioning systems in existing homes.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 1,706 customers have participated.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$410,368.

Program Progress Summary: Through this reporting period 96,034 customers have participated.

## Program Description and Progress

Program Title: Renewable Energy Initiative

Program Description: This program is designed to assist in the delivery of renewable energy for the company's Renewable Energy Program. This specific effort provides funding for program administration, evaluation and market research.

Program Accomplishments: January 1, 2014 to December 31, 2014

Net customers discontinued – 137  
Net blocks of energy purchased – 53  
One time blocks of energy sold - 565

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$202,072.

Program Progress Summary: Through this reporting period 1,975 customers are participating purchasing a total of 2,937 blocks of energy.



## Program Description and Progress

Program Title: Renewable Energy Systems Initiative (Pilot)

Program Description: This is a five-year renewable energy pilot program that uses rebates and incentives to encourage the following: 1) the installation of solar photovoltaic ("PV") on existing and new residential and commercial premises; 2) the installation of solar water heating ("SWH") technologies on existing and new residential premises; 3) the installation of PV on emergency shelter schools coupled with an educational component for teachers and students; and 4) the installation of SWH on low income housing done in partnership with local non-profit building organizations.

Program Accomplishments: January 1, 2014 to December 31, 2014

Number of systems installed:

Residential PV - 60

Commercial PV - 1

School PV - 1

Residential SWH - 54

Low-income SWH - 4

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$1,454,851.

Program Progress Summary: Through this reporting period the following renewable measures have been installed:

Residential PV - 228

Commercial PV - 25

School PV - 4

Residential SWH - 174

Low-income SWH - 13

## Program Description and Progress

Program Title: Industrial Load Management

Program Description: This load management program is for large industrial customers with interruptible loads of 500 kW or greater.

Program Accomplishments: January 1, 2014 to December 31, 2014

No new customer qualified for participation during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$16,335,179.

Program Progress Summary: This program was approved by the Commission in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999.

Beginning May 2009, Tampa Electric transferred existing IS (non-firm) customers to a new IS (firm) rate schedule. These customers are now incented under GSLM-2 or GSLM-3 rate riders with expenses recovered through the ECCR clause.

## Program Description and Progress

Program Title: DSM Research and Development (R&D)

Program Description: This is a five-year R&D program directed at end-use technologies (both residential and commercial) not yet commercially available or where insufficient data exists for measure evaluations specific to central Florida climate.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were no new DSM R&D activities during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

There were no new DSM R&D expenses during this reporting period.

Program Progress Summary: For 2014, Tampa Electric had no new activity in DSM R&D.

## Program Description and Progress

Program Title: Commercial Cooling

Program Description: This rebate program encourages commercial and industrial customer to install high efficiency direct expansion commercial and packaged terminal air conditioning cooling equipment.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 375 units were installed.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$111,350.

Program Progress Summary: Through this reporting period 2,055 approved units have been installed.

## Program Description and Progress

Program Title: Residential New Construction

Program Description: This rebate program encourages residential customers to construct residential dwellings at efficiency levels greater than current Florida building code baseline practices.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 2,277 homes qualified.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$1,816,681.

Program Progress Summary: Through this reporting period 9,274 approved homes have participated.

### Program Description and Progress

Program Title: Common Expenses

Program Description: These are expenses common to all programs.

Program Accomplishments: January 1, 2014 to December 31, 2014

N/A

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$1,212,637.

Program Progress Summary: N/A

## Program Description and Progress

Program Title: Price Responsive Load Management

Program Description: This program reduces weather-sensitive loads through an innovative price responsive rate used to encourage residential customers to make behavioral or equipment usages changes by pre-programming HVAC, water heating and pool pumps.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 1,007 net customers that were added during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$3,626,625.

Program Progress Summary: Through this reporting period 3,196 customers are participating in the program.

## Program Description and Progress

Program Title: Residential Building Envelope Improvement

Program Description: This is a rebate program that encourages existing residential customers to install additional ceiling and wall insulation, window film and window upgrades in existing homes.

Program Accomplishments: January 1, 2014 to December 31, 2014

Number of installations completed:

Ceiling insulation installed – 5,880  
Exterior wall insulation installed – 14  
Window replacement installations – 1,619  
Window film installations – 397

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$2,169,586.

Program Progress Summary: Through this reporting period the following measures have been installed:

Ceiling insulation – 117,473  
Exterior wall insulation – 63  
Window replacement – 8,496  
Window film – 2,961



## Program Description and Progress

Program Title: Residential Electronic Commutated Motors

Program Description: This rebate program encourages residential customers to replace their existing HVAC air handler motor with an ECM

Program Accomplishments: January 1, 2014 to December 31, 2014

No new customer qualified for participation during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$0.

Program Progress Summary: Through this reporting period one customer has participated in the program.

## Program Description and Progress

Program Title: Energy Education Outreach

Program Description: This program provides opportunities for engaging and educating groups of customers and students on energy-efficiency and conservation in an organized setting. Participants are provided with an energy savings kit which includes energy saving devices and supporting information appropriate for the audience.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period Tampa Electric partnered with 4 local schools to present Energy Education to 1,500 students through 8 classroom presentations. Tampa Electric also continues to partner with Junior Achievement BizTown presenting Energy Education to 15,500 students representing 180 local schools. In addition, the company gave 36 presentations to civic organizations and distributed 1,124 energy saving kits to participating customers.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$78,539.

Program Progress Summary: Through this reporting period Tampa Electric has partnered with 103 local schools to present Energy Education to 32,626 students. In addition, the company gave 83 presentations to civic organizations that generated 637 customer assisted audits and distributed 3,217 energy saving kits to participating customers.

## Program Description and Progress

Program Title: Residential HVAC Re-commissioning

Program Description: This rebate program encourages residential customers to have maintenance and tuning of their existing HVAC equipment performed.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 78 customers that participated during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$16,096.

Program Progress Summary: Through this reporting period 955 customers have participated.

## Program Description and Progress

Program Title: Residential Low-Income Weatherization

Program Description: This program provides for the installation of energy efficient measures for qualified low-income customers.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 7,859 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$2,978,992.

Program Progress Summary: Through this reporting period 15,975 customers have participated in the program.

## Program Description and Progress

Program Title: Commercial Duct Repair

Program Description: This rebate program encourages commercial and industrial customers to repair leaky duct work of central air conditioning systems in facilities.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 172 customers have participated in the program.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$74,324.

Program Progress Summary: Through this reporting period 10,677 customers have participated in the program.

## Program Description and Progress

Program Title: Commercial Energy Recovery Ventilation

Program Description: This rebate program encourages commercial and industrial customers to install an ERV within their HVAC system.

Program Accomplishments: January 1, 2014 to December 31, 2014

No new customers qualified for participation during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$163.

Program Progress Summary: Through this reporting period three customers have participated in the program.

## Program Description and Progress

Program Title: Commercial Building Envelope Improvement

Program Description: This rebate program encourages commercial and industrial customers to install additional ceiling, wall and attic insulation and window film in existing commercial structures.

Program Accomplishments: January 1, 2014 to December 31, 2014

Number of installations completed:

Ceiling insulation installed – 37  
Roof insulation - 6  
Exterior wall insulation installed – 0  
Window film installations – 22

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$148,364.

Program Progress Summary: Through this reporting period the following measures have been installed:

Ceiling insulation – 251  
Roof insulation - 6  
Exterior wall insulation – 2  
Window film – 100

## Program Description and Progress

Program Title: Commercial Efficient Motors

Program Description: This rebate program encourages commercial and industrial customers to install high-efficiency motors.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period four customers have participated in the program.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$1,253.

Program Progress Summary: Through this reporting period 124 customers have participated in the program.



## Program Description and Progress

Program Title: Commercial Demand Response

Program Description: This turn-key incentive program for commercial and industrial customers to reduce their demand for electricity in response to market signals.

Program Accomplishments: January 1, 2014 to December 31, 2014  
See Program Progress Summary below.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014  
Actual expenses were \$3,005,110.

Program Progress Summary: Through this reporting period the company's vendor maintains a portfolio of participating customers providing an available total of 40 MW for control.

## Program Description and Progress

Program Title: Commercial Chillers

Program Description: This rebate program encourages commercial and industrial customers to install high efficiency chiller equipment.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 10 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$28,189.

Program Progress Summary: Through this reporting period 49 customers have participated in the program.

## Program Description and Progress

Program Title: Commercial Occupancy Sensors

Program Description: This rebate program encourages commercial and industrial customers to install occupancy sensors to control commercial lighting systems.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 48 customers who participated in the program during this period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$37,131.

Program Progress Summary: Through this reporting period 198 customers have participated in the program.

## Program Description and Progress

Program Title: Commercial Refrigeration (Anti-Condensate)

Program Description: This rebate program encourages commercial and industrial customers to install anti-condensate equipment sensors and control within refrigerated door systems.

Program Accomplishments: January 1, 2014 to December 31, 2014

For the reporting period there were no customers who participated in the program.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$54.

Program Progress Summary: Expenses incurred were associated with administration and participation protocols.

## Program Description and Progress

Program Title: Commercial Water Heating

Program Description: This rebate program encourages commercial and industrial customer to install high efficiency water heating systems.

Program Accomplishments: January 1, 2014 to December 31, 2014

For the reporting period there were no customers who participated in the program.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$319.

Program Progress Summary: Expenses incurred were associated with administration and participation protocols.

## Program Description and Progress

Program Title: Commercial HVAC Re-commissioning

Program Description: This rebate program that encourages commercial and industrial customers to have maintenance and tuning of their existing HVAC equipment performed.

Program Accomplishments: January 1, 2014 to December 31, 2014

There were 68 customers that participated during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$38,482.

Program Progress Summary: Through this reporting period 296 customers have participated.

## Program Description and Progress

Program Title: Commercial Electronic Commutated Motors

Program Description: This rebate program encourages commercial and industrial customers to replace their existing air handler motors or refrigeration fan motors with an ECM.

Program Accomplishments: January 1, 2014 to December 31, 2014

No customers qualified for participation during this reporting period.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$326.

Program Progress Summary: Expenses incurred were associated with administration and participation protocols.

## Program Description and Progress

Program Title: Commercial Cool Roof

Program Description: This rebate program that encourages commercial and industrial customers to install a cool roof system above conditioned spaces.

Program Accomplishments: January 1, 2014 to December 31, 2014

In this reporting period 32 customers have participated.

Program Fiscal Expenditures: January 1, 2014 to December 31, 2014

Actual expenses were \$332,801.

Program Progress Summary: Through this reporting period 149 customers have participated in the program.