

# AUSLEY & McMULLEN

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September 10, 2013

HAND DELIVERED

RECEIVED-FPSC  
13 SEP 10 PM 2:00  
COMMISSION  
CLERK

Ms. Ann Cole, Director  
Division of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: Conservation Cost Recovery Clause  
FPSC Docket No. 130002-EG

Dear Ms. Cole:

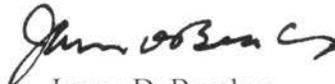
Enclosed for filing in the above docket on behalf of Tampa Electric Company are the original and fifteen (15) copies of each of the following:

1. Petition of Tampa Electric Company.
2. Prepared Direct Testimony and Exhibit (HTB-2) of Howard T. Bryant.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

  
James D. Beasley

JDB/pp  
Enclosures

cc: All Parties of Record (w/enc.)

COM	5
AFD	1
APA	1
ECO	6
ENG	1
GCL	1
IDM	1
TEL	1
CLK	1 CL REP

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Energy Conservation Cost     )  
Recovery Clause.                     )  
\_\_\_\_\_ )

DOCKET NO. 130002-EG  
FILED: September 10, 2013

**PETITION OF TAMPA ELECTRIC COMPANY**

Tampa Electric Company ("Tampa Electric" or "the company"), hereby petitions the Commission for approval of the company's conservation cost recovery true-up and the cost recovery factors proposed for use during the period January through December 2014. In support thereof, the company says:

**Conservation Cost Recovery**

1. During the period January through December 2012, Tampa Electric incurred actual net conservation costs of \$46,593,831, plus a beginning true-up over-recovery of \$597,093, for a total of \$45,996,738. The amount collected through the Conservation Cost Recovery Clause was \$49,438,657. The true-up amount for January through December 2012 was an over-recovery of \$3,444,245, including interest. (See Exhibit (HTB-1); Schedule CT-3, page 2 of 3).

2. During the period January through December 2013, the company anticipates incurring expenses of \$48,946,486. For the period the total net true-up over-recovery is estimated to be \$3,596,613, including interest. (See Exhibit (HTB-2); Schedule C-3, page 6 of 7).

3. For the forthcoming cost recovery period, January through December 2014, Tampa Electric projects its total incremental conservation costs to be \$51,689,379. Tampa Electric's total true-up and projected expenditures for the projection period are estimated to be \$48,092,766, including true-up estimates for January through December 2012. When the required true-up and projected expenditures are appropriately spread over the projected sales for interruptible customers

and firm retail customers pursuant to Docket No. 080317-EI, Order No. PSC-09-0283-FOF-EI dated April 30, 2009, the required conservation cost recovery factors for the period January through December 2013 are as follows: 0.286 cents per kWh for Residential, 0.274 cents per kWh for General Service Non-Demand and Temporary Service, 1.04 dollars per kW for Full Requirement General Service Demand - Secondary, 1.03 dollars per kW for Full Requirement General Service Demand - Primary, 1.02 dollars per kW for Full Requirement General Service Demand - Subtransmission, 1.04 dollars per kW for Standby Service - Secondary, 1.03 dollars per kW for Standby Service - Primary, 1.02 dollars per kW for Standby Service - Subtransmission, 0.82 dollars per kW for Interruptible Service - Secondary, 0.81 dollars per kW for Interruptible Service - Primary, 0.81 dollars per kW for Interruptible Service - Subtransmission, 0.245 cents per kWh for General Service Demand Optional – Secondary, 0.243 cents per kWh for General Service Demand Optional - Primary, 0.240 cents per kWh for General Service Demand Optional - Subtransmission, and 0.148 cents per kWh for Lighting. (See Exhibit (HTB-2); Schedule C-1, page 1 of 1.)

4. For the forthcoming cost recovery period, January through December 2014, utilizing the rate design and cost allocation as put forth in Docket No. 130040-EI, the required conservation cost recovery factors are as follows: 0.279 cents per kWh for Residential, 0.271 cents per kWh for General Service Non-Demand and Temporary Service, 1.04 dollars per kW for Full Requirement General Service Demand - Secondary, 1.03 dollars per kW for Full Requirement General Service Demand - Primary, 1.02 dollars per kW for Full Requirement General Service Demand - Subtransmission, 1.04 dollars per kW for Standby Service - Secondary, 1.03 dollars per kW for Standby Service - Primary, 1.02 dollars per kW for Standby Service - Subtransmission, 1.04 dollars per kW for Interruptible Service - Secondary, 1.03 dollars per kW for Interruptible Service - Primary, 1.02 dollars per kW for Interruptible Service - Subtransmission, 0.247 cents per kWh for General Service Demand Optional – Secondary, 0.245 cents per kWh for General Service Demand

Optional - Primary, 0.242 cents per kWh for General Service Demand Optional - Subtransmission, and 0.185 cents per kWh for Lighting. (See Exhibit (HTB-2); page 68)

4. For the forthcoming cost recovery period, January through December 2014, the Contracted Credit Value for the GSLM-2 and GSLM-3 rate riders will be \$7.72 per kW. (See Exhibit (HTB-2); page 61.)

5. For the forthcoming cost recovery period, January through December 2014, the residential Price Responsive Load Management ("RSVP-1) rates are as follows:

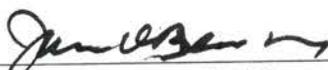
<u>Rate Tier</u>	<u>Cents per kWh</u>
P4	32.563
P3	7.546
P2	(0.745)
P1	(2.466)

(See Exhibit (HTB-2); page 66)

WHEREFORE, Tampa Electric Company requests the Commission's approval of the company's prior period conservation cost recovery true-up calculations and projected conservation cost recovery charges to be collected during the period January 1, 2014 through December 31, 2014.

DATED this 10th day of September, 2013.

Respectfully submitted,

  
\_\_\_\_\_  
JAMES D. BEASLEY  
J. JEFFRY WAHLEN  
Ausley & McMullen  
Post Office Box 391  
Tallahassee, Florida 32302  
(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by hand delivery (\*) or U. S. Mail on this 10th day of September 2012 to the following:

Ms. Lee Eng Tan\*  
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Ms. Beth Keating  
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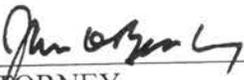
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Fort Lauderdale, FL 33334

  
\_\_\_\_\_  
ATTORNEY



BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 130002-EG  
IN RE: CONSERVATION COST RECOVERY CLAUSE  
TESTIMONY AND EXHIBIT  
OF  
HOWARD T. BRYANT

FILED: SEPTEMBER 10, 2013



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Cost Recovery Clause ("ECRC"), and retail rate design.

**Q.** Have you previously testified before the Florida Public Service Commission ("Commission")?

**A.** Yes. I have testified before this Commission on conservation and load management activities, DSM goals setting and DSM plan approval dockets, and other ECRC dockets since 1993, and ECRC activities since 2001.

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

**A.** The purpose of my testimony is to support the company's actual conservation costs incurred during the period January through December 2012, the actual/projected period January to December 2013, and the projected period January through December 2014. The projected 2014 ECRC factors have been calculated based on the current allocation methodology as well as the allocation methodology proposed by Tampa Electric in Docket No. 130040-EI. Also, I will support the appropriate Contracted Credit Value ("CCV") for participants in the General Service Industrial Load Management Riders ("GSLM-2" and "GSLM-3") for the period January through December 2014. In addition, I will support the appropriate

1 residential variable pricing rates ("RSVP-1") for  
2 participants in the Residential Price Responsive Load  
3 Management Program for the period January through  
4 December 2014.

5  
6 **Q.** Did you prepare any exhibits in support of your  
7 testimony?

8  
9 **A.** Yes. Exhibit No. \_\_\_\_\_ (HTB-2), containing two  
10 documents, was prepared under my direction and  
11 supervision. Document No. 1 includes Schedules C-1  
12 through C-5 and associated data which support the  
13 development of the conservation cost recovery factors for  
14 January through December 2014 using the current 12  
15 Coincident Peak ("CP") and 25 percent Average Demand  
16 ("AD") allocation methodology. Document No. 2 includes  
17 two pages supporting the proposed ECCR factors allocated  
18 on a 12 CP and 50 percent AD basis, as proposed in Docket  
19 No. 130040-EI.

20  
21 **Q.** Please describe the conservation program costs projected  
22 by Tampa Electric during the period January through  
23 December 2012.

24  
25

1   **A.**   For the period January through December 2012, Tampa  
2       Electric projected conservation program costs to be  
3       \$53,249,836.   The Commission authorized collections to  
4       recover these expenses in Docket No. 110002-EG, Order No.  
5       PSC-11-0531-FOF-EG, issued November 15, 2011.  
6

7   **Q.**   For the period January through December 2012, what were  
8       Tampa Electric's conservation costs and what was  
9       recovered through the ECCR clause?  
10

11   **A.**   For the period January through December 2012, Tampa  
12       Electric incurred actual net conservation costs of  
13       \$46,593,831, plus a beginning true-up over-recovery of  
14       \$597,093 for a total of \$45,996,738.   The amount  
15       collected in the ECCR clause was \$49,438,657.  
16

17   **Q.**   What was the true-up amount?  
18

19   **A.**   The true-up amount for the period January through  
20       December 2012 was an over-recovery of \$3,444,245,  
21       including interest.   These calculations are detailed in  
22       Exhibit No. \_\_\_\_ (HTB-1), Conservation Cost Recovery True  
23       Up, Pages 2 through 12, filed May 2, 2013.  
24  
25

1 Q. Please describe the conservation program costs incurred  
2 and projected to be incurred by Tampa Electric during the  
3 period January through December 2013?  
4

5 A. The actual costs incurred by Tampa Electric through July  
6 2013 and projected for August through December 2013 are  
7 \$48,946,486. For the period, Tampa Electric anticipates  
8 an over-recovery in the ECCR Clause of \$3,596,613 which  
9 includes the 2012 true-up and interest. A summary of  
10 these costs and estimates are fully detailed in Exhibit  
11 No. \_\_\_ (HTB-2), Conservation Costs Projected, pages 19  
12 through 25.  
13

14 Q. Has Tampa Electric proposed any new or modified DSM  
15 Programs for ECCR cost recovery for the period January  
16 through December 2014?  
17

18 A. No.  
19

20 Q. Please summarize the proposed conservation costs for the  
21 period January through December 2014 and the annualized  
22 recovery factors based on a 12 CP and 25 percent AD basis  
23 applicable for the period January through December 2014?  
24

25 A. Tampa Electric has estimated that the total conservation

1 costs (less program revenues) during the period will be  
 2 \$51,689,379 plus true-up. Including true-up estimates,  
 3 the January through December 2014 cost recovery factors  
 4 allocated on a 12 CP and 25 percent basis for firm retail  
 5 rate classes are as follows:

	<b>Cost Recovery Factors</b>
<u>Rate Schedule</u>	<u>(cents per kWh)</u>
8 RS	0.286
9 GS and TS	0.274
10 GSD Optional - Secondary	0.245
11 GSD Optional - Primary	0.243
12 GSD Optional - Subtransmission	0.240
13 LS1	0.148

	<b>Cost Recovery Factors</b>
<u>Rate Schedule</u>	<u>(dollars per kW)</u>
17 GSD - Secondary	1.04
18 GSD - Primary	1.03
19 GSD - Subtransmission	1.02
20 SBF - Secondary	1.04
21 SBF - Primary	1.03
22 SBF - Subtransmission	1.02
23 IS - Secondary	0.82
24 IS - Primary	0.81
25 IS - Subtransmission	0.81

1 Exhibit No. \_\_\_\_ (HTB-2), Conservation Costs Projected,  
2 pages 14 through 18 contain the Commission prescribed  
3 forms which detail these estimates.

4

5 **Q.** What are the annualized ECCR recovery factors based on a  
6 12 CP and 50 percent AD allocation method for the period  
7 of January through December 2014?

8

9 **A.** The January through December 2014 cost recovery factors  
10 for firm retail rate classes utilizing the proposed 12 CP  
11 and 50 percent AD methodology as shown in Document No. 2,  
12 are as follows:

13

	<b>Cost Recovery Factors</b>
<u>Rate Schedule</u>	<u>(cents per kWh)</u>
16 RS	0.279
17 GS and TS	0.271
18 GSD Optional - Secondary	0.247
19 GSD Optional - Primary	0.245
20 GSD Optional - Subtransmission	0.242
21 LS1	0.185

22

	<b>Cost Recovery Factors</b>
<u>Rate Schedule</u>	<u>(dollars per kW)</u>
24 GSD - Secondary	1.04

25

1	GSD - Primary	1.03
2	GSD - Subtransmission	1.02
3	SBF - Secondary	1.04
4	SBF - Primary	1.03
5	SBF - Subtransmission	1.02
6	IS - Secondary	1.04
7	IS - Primary	1.03
8	IS - Subtransmission	1.02

9

10 **Q.** Has Tampa Electric complied with the ECCR cost allocation  
11 methodology stated in Docket No. 930759-EG, Order No.  
12 PSC-93-1845-EG?

13

14 **A.** Yes, it has.

15

16 **Q.** Please explain why the incentive for GSLM-2 and GSLM-3  
17 rate riders is included in your testimony?

18

19 **A.** In Docket No. 990037-EI, Tampa Electric petitioned the  
20 Commission to close its non-cost-effective interruptible  
21 service rate schedules while initiating the provision of  
22 a cost-effective non-firm service through a new load  
23 management program. This program would be funded through  
24 the ECCR clause and the appropriate annual CCV for  
25 customers would be submitted for Commission approval as

1 part of the company's annual ECCR projection filing.  
2 Specifically, the level of the CCV would be determined by  
3 using the Rate Impact Measure ("RIM") Test contained in  
4 the Commission's cost-effectiveness methodology found in  
5 Rule 25-17.008, F.A.C. By using a RIM Test benefit-to-  
6 cost ratio of 1.2, the level of the CCV would be  
7 established on a per kilowatt ("kW") basis. This program  
8 and methodology for CCV determination was approved by the  
9 Commission in Docket No. 990037-EI, Order No. PSC-99-  
10 1778-FOF-EI, issued September 10, 1999.

11

12 **Q.** What is the appropriate CCV for customers who elect to  
13 take service under the GSLM-2 and GSLM-3 rate riders  
14 during the January through December 2014 period?

15

16 **A.** For the January through December 2014 period, the CCV  
17 will be \$7.72 per kW. If the 2014 assessment for need  
18 determination indicates the availability of new non-firm  
19 load, the CCV will be applied to new subscriptions for  
20 service under those rate riders. The application of the  
21 cost-effectiveness methodology to establish the CCV is  
22 found in the attached analysis, Exhibit No. \_\_\_ (HTB-2),  
23 Conservation Costs Projected, beginning on page 61  
24 through 65.

25

1 Q. Please explain why the RSVP-1 rates for Residential Price  
2 Responsive Load Management are in your testimony?

3  
4 A. In Docket No. 070056-EG, Tampa Electric's petition to  
5 allow its pilot residential price responsive load  
6 management initiative to become permanent was approved by  
7 the Commission on August 28, 2007. This program is to be  
8 funded through the ECCR clause and the appropriate annual  
9 RSVP-1 rates for customers are to be submitted for  
10 Commission approval as part of the company's annual ECCR  
11 projection filing.

12  
13 Q. What are the appropriate Price Responsive Load Management  
14 rates ("RSVP-1") for customers who elect to take this  
15 service during the January through December 2014?

16  
17 A. The appropriate RSVP-1 rates during the January through  
18 December 2014 period for Tampa Electric's Price  
19 Responsive Load Management program are as follows:

20

<u>Rate Tier</u>	<u>Cents per kWh</u>
P4	32.563
P3	7.546
P2	(0.745)
P1	(2.466)

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Page 66 contains the projected RSVP-1 rates for 2014.

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

**A.** Yes it does.

CONSERVATION COSTS  
PROJECTED

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SCHEDULE	TITLE	PAGE
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TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 JANUARY 2014 THROUGH DECEMBER 2014

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MwH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MwH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 25% Avg Demand Factor (%)
RS	54.87%	8,568,132	1,783	1.07880	1.05641	9,051,474	1,923	46.84%	55.51%	53.34%
GS,TS	59.77%	1,014,542	194	1.07880	1.05640	1,071,759	209	5.55%	6.03%	5.91%
GSD Optional	3.29%	332,164	50	1.07454	1.05252	349,609	54	1.81%	1.56%	1.62%
GSD, SBF Standard	72.26%	7,305,930	1,104	1.07454	1.05252	7,689,640	1,186	39.80%	34.24%	35.63%
IS	121.20%	912,924	86	1.03010	1.01750	928,901	89	4.81%	2.57%	3.13%
LS1	793.34%	218,515	3	1.07880	1.05641	230,842	3	1.19%	0.09%	0.37%
TOTAL		18,352,207	3,220			19,322,225	3,464	100%	100%	100%

- (1) AVG 12 CP load factor based on projected 2013 calendar data.
- (2) Projected MWH sales for the period Jan. 2014 thru Dec. 2014
- (3) Calculated: Col (2) / (8760\*Col (1)).
- (4) Based on 2013 projected demand losses.
- (5) Based on 2013 projected energy losses.
- (6) Col (2) \* Col (5).
- (7) Col (3) \* Col (4).
- (8) Col (6) / total for Col (6).
- (9) Col (7) / total for Col (7).
- (10) Col (8) \* 25% + Col (9) \* 75%.

C-1  
 Page 1 of 1

TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Summary of Cost Recovery Clause Calculation  
 For Months January 2014 through December 2014

1. Total Incremental Cost (C-2, Page 1, Line 17)	51,689,379
2. Demand Related Incremental Costs	32,613,095
3. Energy Related Incremental Costs	19,076,284

RETAIL BY RATE CLASS

	RS	G.S.TS	GSD, SBF STANDARD	GSD OPTIONAL	IS	LS1	Total
4. Demand Allocation Percentage	53.34%	5.91%	35.63%	1.62%	3.13%	0.37%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	17,395,825	1,927,434	11,620,046	528,332	1,020,790	120,668	<u>32,613,095</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 12 (Allocation of D & E is based on the forecast period cost.)	<u>(1,151,060)</u>	<u>(127,536)</u>	<u>(768,884)</u>	<u>(34,959)</u>	<u>(67,544)</u>	<u>(7,984)</u>	<u>(2,157,968)</u>
7. Total Demand Related Incremental Costs	<u>16,244,765</u>	<u>1,799,898</u>	<u>10,851,162</u>	<u>493,373</u>	<u>953,245</u>	<u>112,684</u>	<u>30,455,127</u>
8. Energy Allocation Percentage	46.84%	5.55%	39.80%	1.81%	4.81%	1.19%	100.00%
9. Net Energy Related Incremental Costs	8,935,331	1,058,734	7,592,361	345,281	917,569	227,008	<u>19,076,284</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 13 (Allocation of D & E is based on the forecast period cost.)	<u>(673,861)</u>	<u>(79,845)</u>	<u>(572,581)</u>	<u>(26,039)</u>	<u>(69,199)</u>	<u>(17,120)</u>	<u>(1,438,645)</u>
11. Total Net Energy Related Incremental Costs	<u>8,261,470</u>	<u>978,889</u>	<u>7,019,780</u>	<u>319,241</u>	<u>848,370</u>	<u>209,888</u>	<u>17,637,639</u>
12. Total Incremental Costs (Line 5 + 9)	26,331,156	2,986,168	19,212,407	873,613	1,938,359	347,676	51,689,379
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 7, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(1,824,921)</u>	<u>(207,381)</u>	<u>(1,341,465)</u>	<u>(60,999)</u>	<u>(136,743)</u>	<u>(25,104)</u>	<u>(3,596,613)</u>
14. Total (Line 12 + 13)	<u>24,506,235</u>	<u>2,778,787</u>	<u>17,870,942</u>	<u>812,614</u>	<u>1,801,616</u>	<u>322,572</u>	<u>48,092,766</u>
15. Retail MWH Sales	8,568,132	1,014,542	7,305,930	332,164	912,924	218,515	18,352,207
16. Effective MWH at Secondary	8,568,132	1,014,542	7,305,930	332,164	912,924	218,515	18,352,207
17. Projected Billed KW at Meter	*	*	17,253,768	*	2,190,267	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.28602	0.27390	*	0.24464	*	0.14762	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.2862	0.2741	*	0.2448	*	0.1477	
21. Conservation Adjustment Factor (cents/KWH)							
<b><u>RS, GS, TS, GSD Optional and LS1 Rates (cents/KWH) *</u></b>							
- Secondary		<u>0.286</u>	<u>0.274</u>	<u>0.245</u>		<u>0.148</u>	
- Primary				<u>0.243</u>			
- Subtransmission				<u>0.240</u>			
<b><u>GSD, SBF, IS Standard Rates (\$/KW) *</u></b>							
- Full Requirement							
- Secondary	*	*	<u>1.04</u>	*	<u>0.82</u>	*	
- Primary	*	*	<u>1.03</u>	*	<u>0.81</u>	*	
- Subtransmission	*	*	<u>1.02</u>	*	<u>0.81</u>	*	

\* (ROUNDED TO NEAREST .001 PER KWH or KW)

TAMPA ELECTRIC COMPANY  
Conservation Program Costs  
Estimated For Months January 2014 through December 2014  
ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	101,417	101,717	101,817	101,717	101,752	101,752	101,652	101,652	101,752	101,452	101,652	101,577	1,219,909
2 Prime Time (D)	490,279	473,934	474,191	390,192	384,046	393,272	392,466	391,821	390,889	383,857	445,485	444,259	5,054,691
3 Energy Audits (E)	246,118	216,278	244,939	240,435	268,102	259,238	285,896	300,869	281,047	249,309	200,871	243,359	3,036,461
4 Cogeneration (E)	7,062	6,723	7,062	6,893	7,062	6,893	7,062	7,062	6,893	7,062	6,893	7,062	83,729
5 Commercial Load Mgmt (D)	0	0	1,306	995	995	995	995	995	995	995	0	0	8,271
6 Commercial Lighting (E)	79,431	16,334	63,922	32,420	17,006	10,972	102,577	35,550	78,661	37,111	46,497	44,535	563,016
7 Standby Generator (D)	205,732	205,732	205,732	205,732	200,732	200,732	200,732	210,732	210,732	210,732	210,732	210,732	2,478,784
8 Conservation Value (E)	51,131	1,130	1,130	1,130	51,131	1,130	1,130	1,130	1,130	101,132	1,130	1,130	213,564
9 Duct Repair (E)	25,396	25,421	25,596	25,471	25,471	25,596	25,471	25,471	25,596	25,496	25,446	25,521	305,952
10 Renewable Energy Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative (E)	118,235	118,235	118,235	118,235	118,234	118,234	118,233	118,233	271,329	118,905	118,905	118,905	1,573,918
12 Industrial Load Management (D)	1,608,566	1,608,558	1,608,551	1,608,543	1,609,276	1,608,528	1,608,522	1,608,514	1,608,506	1,608,499	1,609,230	1,608,484	19,303,778
13 DSM R&D (D&E) (50% D 50% E)	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Commercial Cooling (E)	1,556	8,061	2,814	10,672	4,797	8,713	3,490	4,797	10,019	3,490	4,797	4,797	68,003
15 Residential New Construction (E)	206,729	206,129	206,279	206,129	206,129	206,279	206,129	206,129	206,279	206,129	206,129	206,279	2,474,748
16 Common Expenses (D&E) (50% D 50% E)	164,916	164,969	50,844	50,898	50,844	43,378	43,539	43,808	43,432	43,271	43,378	43,378	786,655
17 Price Responsive Load Mgmt (D&E) (50% D 50% E)	279,768	283,530	287,211	290,862	293,819	296,182	299,254	302,077	306,781	306,101	306,483	307,335	3,559,403
18 Residential Building Envelope Improvement (E)	274,987	275,059	275,612	275,017	274,910	275,417	275,023	274,823	275,495	275,095	275,017	275,245	3,301,700
19 Residential Electronic Commutated Motors (E)	466	361	466	361	466	361	466	361	466	361	466	361	4,962
20 Energy Education Outreach (E)	13,425	13,452	11,935	9,792	10,173	10,904	9,804	10,604	10,651	7,271	9,377	10,277	127,865
21 Residential Re-Commissioning (E)	4,791	4,986	4,801	4,986	4,801	4,801	4,986	4,986	4,801	4,801	4,986	4,986	58,712
22 Residential Low-Income Weatherization (E)	224,503	224,503	224,523	224,503	224,503	224,523	224,503	224,503	224,523	224,503	224,503	224,523	2,694,116
23 Commercial Duct Repair (E)	16,287	31,511	23,899	20,093	31,511	23,899	42,928	35,316	20,093	16,287	42,928	88,597	393,349
24 Commercial Energy Recovery Ventilation (E)	1,932	0	0	1,798	0	0	1,798	0	0	1,798	0	1,798	9,124
25 Commercial Building Envelope Improvement (E)	3,588	21,081	2,500	3,773	6,295	3,331	23,226	20,971	13,433	24,297	7,247	8,602	138,344
26 Commercial Energy Efficient Motors (E)	293	0	293	293	293	293	293	293	293	293	293	0	2,930
27 Commercial Demand Response (D)	302,922	302,922	302,922	297,922	298,661	297,922	297,922	297,922	297,922	297,922	301,661	297,922	3,584,542
28 Commercial Chiller Replacement (E)	110	3,396	110	9,251	110	8,186	8,186	7,654	2,331	4,460	9,251	2,331	55,376
29 Commercial Occupancy Sensors (Lighting) (E)	4,409	548	1,406	2,264	2,264	8,899	6,125	1,406	3,722	3,380	3,980	6,125	44,328
30 Commercial Refrigeration (Anti-Condensate) (E)	1,604	27	27	27	27	27	1,604	27	27	27	27	27	3,478
31 Commercial Water Heating (E)	27	27	27	27	27	895	27	27	27	27	27	27	1,192
32 Commercial HVAC Re-Commissioning (E)	8,629	8,629	8,629	8,629	8,629	8,629	8,629	8,629	8,629	8,629	8,629	8,629	103,548
33 Commercial Electronic Commutated Motors	20	448	448	448	448	448	448	448	448	448	448	298	4,798
34 Cool Roof (E)	17,315	16,831	13,715	41,817	21,399	21,399	29,566	13,231	17,315	58,152	78,571	90,822	420,133
35 Total All Programs	4,461,644	4,340,533	4,270,942	4,191,325	4,223,913	4,171,628	4,332,682	4,280,241	4,422,217	4,331,292	4,295,038	4,387,923	51,689,378
36 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Recoverable Conserv. Expenses	<u>4,461,644</u>	<u>4,340,533</u>	<u>4,270,942</u>	<u>4,191,325</u>	<u>4,223,913</u>	<u>4,171,628</u>	<u>4,332,682</u>	<u>4,280,241</u>	<u>4,422,217</u>	<u>4,331,292</u>	<u>4,295,038</u>	<u>4,387,923</u>	<u>51,689,378</u>
<b>Summary of Demand &amp; Energy</b>													
Energy	1,831,803	1,525,136	1,509,212	1,517,061	1,557,871	1,500,399	1,660,648	1,577,314	1,738,066	1,654,801	1,553,000	1,651,169	19,076,284
Demand	<u>2,629,841</u>	<u>2,815,397</u>	<u>2,761,730</u>	<u>2,674,264</u>	<u>2,666,042</u>	<u>2,671,229</u>	<u>2,672,034</u>	<u>2,682,927</u>	<u>2,684,151</u>	<u>2,676,491</u>	<u>2,742,039</u>	<u>2,736,754</u>	<u>32,613,095</u>
Total Recoverable Conserv. Expenses	<u>4,461,644</u>	<u>4,340,533</u>	<u>4,270,942</u>	<u>4,191,325</u>	<u>4,223,913</u>	<u>4,171,628</u>	<u>4,332,682</u>	<u>4,280,241</u>	<u>4,422,217</u>	<u>4,331,292</u>	<u>4,295,038</u>	<u>4,387,923</u>	<u>51,689,378</u>

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TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated For Months January, 2014 through December 2014

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
1 Heating and Cooling (E)	0	139,584	2,860	0	0	1,075,200	280	1,985	0	1,219,909
2 Prime Time (D)	0	307,095	1,920	480,000	0	4,256,826	0	8,850	0	5,054,691
3 Energy Audits (E)	0	2,005,789	35,540	84,679	725,745	0	114,050	70,678	0	3,036,461
4 Cogeneration (E)	0	83,729	0	0	0	0	0	0	0	83,729
5 Commercial Load Mgmt (D)	0	806	500	0	0	6,965	0	0	0	8,271
6 Commercial Lighting (E)	0	78,686	0	0	0	482,500	1,230	600	0	563,016
7 Standby Generator (D)	0	68,544	0	50,000	0	2,360,000	240	0	0	2,478,784
8 Conservation Value (E)	0	13,260	0	0	0	200,004	300	0	0	213,564
9 Duct Repair (E)	0	41,652	1,200	2,400	0	248,400	11,750	550	0	305,952
10 Renewable Energy Initiative (E)	0	30,876	0	171,540	0	0	744	240	(203,400)	0
11 Renewable Energy Systems Initiative (E)	0	168,888	0	174,096	0	1,224,814	6,120	0	0	1,573,918
12 Industrial Load Management (D)	15,000	27,278	0	0	0	19,260,000	1,500	0	0	19,303,778
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	4,837	0	0	0	62,866	300	0	0	68,003
15 Residential New Construction (E)	0	49,908	0	0	0	2,415,600	840	8,400	0	2,474,748
16 Common Expenses (D&E) (50% D, 50% E)	0	503,855	4,800	263,000	0	0	600	14,400	0	786,655
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,615,943	1,131,816	20,400	192,000	297,000	0	77,544	224,700	0	3,559,403
18 Residential Building Envelope Improvement (E)	0	209,762	5,330	0	0	3,069,500	13,923	3,185	0	3,301,700
19 Residential Electronic Commutated Motors (E)	0	1,536	876	630	0	1,620	300	0	0	4,962
20 Energy Education Outreach (E)	0	51,071	3,200	44,954	0	0	3,600	25,040	0	127,865
21 Residential Re-Commissioning (E)	0	29,832	300	5,550	0	22,500	0	530	0	58,712
22 Residential Low-Income Weatherization (E)	0	155,436	0	348,600	0	2,160,000	3,680	26,400	0	2,694,116
23 Commercial Duct Repair (E)	0	87,349	0	0	0	303,000	2,400	600	0	393,349
24 Commercial Energy Recovery Ventilation (E)	0	974	0	0	0	8,100	50	0	0	9,124
25 Commercial Building Envelope Improvement (E)	0	32,000	0	0	0	105,124	970	250	0	138,344
26 Commercial Energy Efficient Motors (E)	0	1,680	0	0	0	1,000	250	0	0	2,930
27 Commercial Demand Response (D)	0	35,342	0	3,555,000	0	0	1,200	3,000	0	3,594,542
28 Commercial Chiller Replacement (E)	0	5,151	0	0	0	50,000	225	0	0	55,376
29 Commercial Occupancy Sensors (Lighting) (E)	0	14,028	0	0	0	30,000	0	300	0	44,328
30 Commercial Refrigeration (Awb-Condensate) (E)	0	458	0	0	0	3,000	20	0	0	3,478
31 Commercial Water Heating (E)	0	482	0	0	0	700	0	0	0	1,192
32 Commercial HVAC Re-Commissioning (E)	0	37,248	0	6,000	0	60,000	300	0	0	103,548
33 Commercial Electronic Commutated Motors	0	2,088	0	1,100	0	1,500	110	0	0	4,798
34 Cool Roof (E)	0	58,933	0	0	0	360,000	1,200	0	0	420,133
35 Total All Programs	<u>1,630,943</u>	<u>5,379,963</u>	<u>76,926</u>	<u>5,379,549</u>	<u>1,022,745</u>	<u>37,769,219</u>	<u>243,726</u>	<u>389,708</u>	<u>(203,400)</u>	<u>51,689,379</u>
<b>Summary of Demand &amp; Energy</b>										
Energy	807,971	4,123,062	61,906	1,067,049	874,245	11,885,428	201,714	258,308	(203,400)	19,076,283
Demand	<u>822,972</u>	<u>1,256,901</u>	<u>15,020</u>	<u>4,312,500</u>	<u>148,500</u>	<u>25,883,791</u>	<u>42,012</u>	<u>131,400</u>	<u>0</u>	<u>32,613,096</u>
Total All Programs	<u>1,630,943</u>	<u>5,379,963</u>	<u>76,926</u>	<u>5,379,549</u>	<u>1,022,745</u>	<u>37,769,219</u>	<u>243,726</u>	<u>389,708</u>	<u>(203,400)</u>	<u>51,689,379</u>

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated For Months January 2014 through December 2014  
PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		181,980	181,980	181,980	181,980	181,980	181,980	181,980	181,980	181,980	181,980	181,980	181,980	2,183,760
2. Retirements		0	0	6,845	480	87,572	69,742	541	97,055	48,758	189,863	196,711	73,208	770,774
3. Depreciation Base		5,692,838	5,874,818	6,049,953	6,231,453	6,325,861	6,438,099	6,619,538	6,704,463	6,837,685	6,829,802	6,815,071	6,923,843	
4. Depreciation Expense		<u>93,364</u>	<u>96,397</u>	<u>99,373</u>	<u>102,345</u>	<u>104,644</u>	<u>106,366</u>	<u>108,814</u>	<u>111,033</u>	<u>112,851</u>	<u>113,896</u>	<u>113,707</u>	<u>114,491</u>	<u>1,277,281</u>
5. Cumulative Investment	5,510,858	5,692,838	5,874,818	6,049,953	6,231,453	6,325,861	6,438,099	6,619,538	6,704,463	6,837,685	6,829,802	6,815,071	6,923,843	6,923,843
6. Less: Accumulated Depreciation	2,619,093	<u>2,712,457</u>	<u>2,808,854</u>	<u>2,901,382</u>	<u>3,003,247</u>	<u>3,020,319</u>	<u>3,056,943</u>	<u>3,165,216</u>	<u>3,179,194</u>	<u>3,243,287</u>	<u>3,167,320</u>	<u>3,084,316</u>	<u>3,125,599</u>	<u>3,125,599</u>
7. Net Investment	<u>2,891,765</u>	<u>2,980,381</u>	<u>3,065,964</u>	<u>3,148,571</u>	<u>3,228,206</u>	<u>3,305,542</u>	<u>3,381,156</u>	<u>3,454,322</u>	<u>3,525,269</u>	<u>3,594,398</u>	<u>3,662,482</u>	<u>3,730,755</u>	<u>3,798,244</u>	<u>3,798,244</u>
8. Average Investment		2,936,073	3,023,173	3,107,268	3,188,389	3,266,874	3,343,349	3,417,739	3,489,796	3,559,834	3,628,440	3,696,619	3,764,500	
9. Return on Average Investment		15,110	15,558	15,991	16,408	16,812	17,206	17,589	17,960	18,320	18,673	19,024	19,373	208,024
10. Return Requirements		<u>24,599</u>	<u>25,328</u>	<u>26,033</u>	<u>26,712</u>	<u>27,370</u>	<u>28,011</u>	<u>28,635</u>	<u>29,239</u>	<u>29,825</u>	<u>30,400</u>	<u>30,971</u>	<u>31,539</u>	<u>338,662</u>
11. Total Depreciation and Return		<u>117,963</u>	<u>121,725</u>	<u>125,406</u>	<u>129,057</u>	<u>132,014</u>	<u>134,377</u>	<u>137,449</u>	<u>140,272</u>	<u>142,676</u>	<u>144,296</u>	<u>144,678</u>	<u>146,030</u>	<u>1,615,943</u>

NOTES:  
 Depreciation expense is calculated using a useful life of 60 months.  
 Return on Average Investment is calculated using a monthly rate of 0.51463%.  
 Return Requirements are calculated using an income tax multiplier of 1.6280016.

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

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	
4. Depreciation Expense		<u>892</u>	<u>10,704</u>											
5. Cumulative Investment	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512	53,512
6. Less: Accumulated Depreciation	5,422	<u>6,314</u>	<u>7,206</u>	<u>8,098</u>	<u>8,990</u>	<u>9,882</u>	<u>10,774</u>	<u>11,666</u>	<u>12,558</u>	<u>13,450</u>	<u>14,342</u>	<u>15,234</u>	<u>16,126</u>	<u>16,126</u>
7. Net Investment	<u>48,090</u>	<u>47,198</u>	<u>46,306</u>	<u>45,414</u>	<u>44,522</u>	<u>43,630</u>	<u>42,738</u>	<u>41,846</u>	<u>40,954</u>	<u>40,062</u>	<u>39,170</u>	<u>38,278</u>	<u>37,386</u>	<u>37,386</u>
8. Average Investment		47,644	46,752	45,860	44,968	44,076	43,184	42,292	41,400	40,508	39,616	38,724	37,832	
9. Return on Average Investment		245	241	236	231	227	222	218	213	208	204	199	195	2,639
10. Return Requirements		<u>399</u>	<u>392</u>	<u>384</u>	<u>376</u>	<u>370</u>	<u>361</u>	<u>355</u>	<u>347</u>	<u>339</u>	<u>332</u>	<u>324</u>	<u>317</u>	<u>4,296</u>
11. Total Depreciation and Return		<u>1,291</u>	<u>1,284</u>	<u>1,276</u>	<u>1,268</u>	<u>1,262</u>	<u>1,253</u>	<u>1,247</u>	<u>1,239</u>	<u>1,231</u>	<u>1,224</u>	<u>1,216</u>	<u>1,209</u>	<u>15,000</u>

NOTES:  
 Depreciation expense is calculated using a useful life of 60 months.  
 Return on Average Investment is calculated using a monthly rate of 0.51463% .  
 Return Requirements are calculated using an income tax multiplier of 1.6280016.

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 ECCR 2014 PROJECTION  
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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Actual for Months January 2013 through July 2013  
 Projected for Months August 2013 through December 2013

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1	Heating & Cooling										
2	Actual	0	42,146	536	1,062	1,770	500,225	208	1,765	0	547,712
3	Projected	0	61,054	500	54	0	525,725	195	847	0	588,375
4	Total	0	103,200	1,036	1,116	1,770	1,025,950	403	2,612	0	1,136,087
5	Prime Time										
6	Actual	0	142,343	1,145	121,818	0	2,364,003	2,352	22,924	0	2,654,585
7	Projected	0	135,755	800	236,526	0	2,186,260	1,361	8,628	0	2,569,330
8	Total	0	278,098	1,945	358,344	0	4,550,263	3,713	31,552	0	5,223,915
9	Energy Audits										
10	Actual	0	638,645	21,122	59,516	42,900	0	49,524	75,372	0	887,079
11	Projected	0	778,135	10,374	37,894	354,322	0	52,068	27,988	(150)	1,260,631
12	Total	0	1,416,780	31,496	97,410	397,222	0	101,592	103,360	(150)	2,147,710
13	Cogeneration										
14	Actual	0	59,878	0	0	0	0	169	0	0	60,047
15	Projected	0	43,792	0	0	0	0	0	0	0	43,792
16	Total	0	103,670	0	0	0	0	169	0	0	103,839
17	Commercial Load Management										
18	Actual	0	487	0	488	0	2,982	0	0	0	3,957
19	Projected	0	0	0	0	0	3,979	0	0	0	3,979
20	Total	0	487	0	488	0	6,961	0	0	0	7,936
21	Commercial Lighting										
22	Actual	0	48,704	358	0	0	84,318	548	838	0	134,766
23	Projected	0	37,494	47	0	0	247,266	821	0	0	285,628
24	Total	0	86,198	405	0	0	331,584	1,369	838	0	420,394
25	Standby Generator										
26	Actual	0	16,973	0	0	0	1,130,864	73	99	0	1,148,009
27	Projected	0	40,073	0	500	0	1,194,020	96	0	0	1,234,689
28	Total	0	57,046	0	500	0	2,324,884	169	99	0	2,382,698
29	Conservation Value										
30	Actual	0	5,589	2,612	0	0	121,434	17	0	0	129,652
31	Projected	0	7,142	0	0	0	144,000	125	0	0	151,267
32	Total	0	12,731	2,612	0	0	265,434	142	0	0	280,919
33	Duct Repair										
34	Actual	0	74,632	0	0	1,770	134,554	2,493	6,210	0	219,659
35	Projected	0	19,363	350	1,000	0	172,877	4,817	997	0	199,404
36	Total	0	93,995	350	1,000	1,770	307,431	7,310	7,207	0	419,063
37	Renewable Energy Initiative										
38	Actual	0	11,552	254	33,544	0	0	84	(29,701)	(15,733)	0
39	Projected	0	14,528	0	214,810	0	0	410	110	(229,858)	0
40	Total	0	26,080	254	248,354	0	0	494	(29,591)	(245,591)	0
41	Renewable Energy Systems Initiative										
42	Actual	0	38,605	0	0	0	862,200	844	10	0	901,659
43	Projected	0	77,571	0	114,165	0	420,525	2,556	100	0	614,917
44	Total	0	116,176	0	114,165	0	1,282,725	3,400	110	0	1,516,576
45	Industrial Load Management										
46	Actual	401	3,706	0	0	0	9,610,237	272	0	0	9,614,616
47	Projected	7,615	8,028	0	0	0	9,512,997	500	0	0	9,529,140
48	Total	8,016	11,734	0	0	0	19,123,234	772	0	0	19,143,756
49	DSM R&D										
50	Actual	0	0	0	0	0	0	0	0	0	0
51	Projected	0	0	0	0	0	0	0	0	0	0
52	Total	0	0	0	0	0	0	0	0	0	0
53	Commercial Cooling										
54	Actual	0	7,185	0	0	0	29,067	29	140	0	36,421
55	Projected	0	5,969	0	0	0	79,976	125	0	0	86,070
56	Total	0	13,154	0	0	0	109,043	154	140	0	122,491
57	Residential New Construction										
58	Actual	0	20,929	0	0	0	936,575	278	586	0	958,368
59	Projected	0	21,285	270	0	0	1,066,275	25,579	1,550	0	1,114,959
60	Total	0	42,214	270	0	0	2,002,850	25,857	2,136	0	2,073,327
61	Common Expenses										
62	Actual	0	257,623	129	26,893	0	0	417	21,382	0	306,444
63	Projected	0	487,661	449	725,224	0	0	246	16,638	0	1,230,218
64	Total	0	745,284	578	752,117	0	0	663	38,020	0	1,536,662
65	Price Responsive Load Management										
66	Actual	573,864	407,760	5,941	237,193	31,201	0	36,564	(113,739)	0	1,178,784
67	Projected	641,612	528,358	1,648	206,186	160,197	0	38,358	89,200	0	1,665,559
68	Total	1,215,476	936,118	7,589	443,379	191,398	0	74,922	(24,539)	0	2,844,343
69	Residential Building Envelope Improvement										
70	Actual	0	109,802	478	0	1,770	1,434,312	3,260	1,016	0	1,550,638
71	Projected	0	106,886	650	1,800	0	1,544,512	5,934	3,330	0	1,663,112
72	Total	0	216,688	1,128	1,800	1,770	2,978,824	9,194	4,346	0	3,213,750

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs Continued

Actual for Months January 2013 through July 2013  
 Projected for Months August 2013 through December 2013

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
73	Residential Electronic Commutated Motors										
74	Actual	0	615	0	0	0	0	0	0	0	615
75	Projected	0	513	0	370	0	810	0	50	0	1,743
76	Total	0	1,128	0	370	0	810	0	50	0	2,358
77	Energy Education Outreach										
78	Actual	0	28,254	952	13,654	0	0	908	9,539	0	53,307
79	Projected	0	25,086	1,510	19,725	0	0	1,515	7,350	0	55,166
80	Total	0	53,320	2,462	33,379	0	0	2,423	16,889	0	108,473
81	Residential Re-Commissioning										
82	Actual	0	13,250	0	9,535	0	10,275	29	450	0	33,539
83	Projected	0	10,040	0	4,920	0	11,025	201	726	0	26,912
84	Total	0	23,290	0	14,455	0	21,300	230	1,176	0	60,451
85	Residential Low- Income Weatherization										
86	Actual	0	68,994	70	211,721	0	545,195	2,196	18,122	0	846,298
87	Projected	0	72,848	132	118,931	0	699,450	2,242	14,240	0	907,843
88	Total	0	141,842	202	330,652	0	1,244,645	4,438	32,362	0	1,754,141
89	Commercial Duct Repair										
90	Actual	0	24,540	279	0	0	60,900	50	181	0	85,950
91	Projected	0	61,041	0	0	0	158,700	536	0	0	220,277
92	Total	0	85,581	279	0	0	219,600	586	181	0	306,227
93	Commercial Energy Recovery Ventilation										
94	Actual	0	265	0	0	0	14,768	0	0	0	15,033
95	Projected	0	336	0	0	0	3,375	50	0	0	3,761
96	Total	0	601	0	0	0	18,143	50	0	0	18,794
97	Commercial Building Envelope Improvement										
98	Actual	0	16,468	723	0	0	56,124	367	0	0	73,682
99	Projected	0	16,404	0	0	0	69,548	522	0	0	86,474
100	Total	0	32,872	723	0	0	125,672	889	0	0	160,156
101	Commercial Energy Efficient Motors										
102	Actual	0	0	0	0	0	0	0	0	0	0
103	Projected	0	323	0	0	0	300	30	0	0	653
104	Total	0	323	0	0	0	300	30	0	0	653
105	Commercial Demand Response										
106	Actual	0	9,287	84	1,647,200	0	0	71	121	0	1,656,763
107	Projected	0	15,086	0	1,684,056	0	0	550	3,005	0	1,702,697
108	Total	0	24,373	84	3,331,256	0	0	621	3,126	0	3,359,460
109	Commercial Chiller Replacement										
110	Actual	0	1,278	0	0	0	15,750	0	0	0	17,028
111	Projected	0	2,576	0	0	0	30,000	100	0	0	32,676
112	Total	0	3,854	0	0	0	45,750	100	0	0	49,704
113	Commercial Occupancy Sensors (Lighting)										
114	Actual	0	1,505	0	0	0	1,672	0	0	0	3,177
115	Projected	0	1,374	0	0	0	17,076	145	0	0	18,595
116	Total	0	2,879	0	0	0	18,748	145	0	0	21,772
117	Commercial Refrigeration (Anti-Condensate)										
118	Actual	0	0	0	0	0	0	0	0	0	0
119	Projected	0	165	0	0	0	1,500	0	0	0	1,665
120	Total	0	165	0	0	0	1,500	0	0	0	1,665
121	Commercial Water Heating										
122	Actual	0	0	0	0	0	0	0	0	0	0
123	Projected	0	92	0	0	0	250	50	0	0	392
124	Total	0	92	0	0	0	250	50	0	0	392
125	Commercial HVAC Re-commissioning										
126	Actual	0	11,386	258	2,730	0	18,801	0	231	0	33,406
127	Projected	0	11,223	0	3,000	0	26,313	500	0	0	41,036
128	Total	0	22,609	258	5,730	0	45,114	500	231	0	74,442
129	Commercial Electronic Commutated Motors										
130	Actual	0	0	0	0	0	0	0	0	0	0
131	Projected	0	335	0	0	0	659	50	0	0	1,044
132	Total	0	335	0	0	0	659	50	0	0	1,044
133	Cool Roof										
134	Actual	0	19,821	403	0	0	182,793	429	0	0	203,446
135	Projected	0	10,640	0	0	0	238,680	522	0	0	249,842
136	Total	0	30,461	403	0	0	421,473	951	0	0	453,288
137	Total All Programs	1,223,492	4,683,378	52,074	5,734,515	593,930	36,473,147	241,386	190,305	(245,741)	48,946,486

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2013 through July 2013  
Projected for Months August 2013 through December 2013

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		10,220	8,662	12,241	124,686	185,690	(3,893)	154,253	181,980	181,980	181,980	181,980	181,980	1,401,759
2. Retirements		0	0	0	0	83	0	13,472	31,292	106,753	2,768	106,444	2,452	263,265
3. Depreciation Base		4,382,582	4,391,244	4,403,485	4,528,171	4,713,778	4,709,885	4,850,666	5,001,354	5,076,581	5,255,793	5,331,330	5,510,858	
4. Depreciation Expense		<u>72,958</u>	<u>73,115</u>	<u>73,289</u>	<u>74,430</u>	<u>77,016</u>	<u>78,531</u>	<u>79,671</u>	<u>82,100</u>	<u>83,983</u>	<u>86,103</u>	<u>88,226</u>	<u>90,352</u>	<u>959,774</u>
5. Cumulative Investment	4,372,362	4,382,582	4,391,244	4,403,485	4,528,171	4,713,778	4,709,885	4,850,666	5,001,354	5,076,581	5,255,793	5,331,330	5,510,858	5,510,858
6. Less: Accumulated Depreciation	1,922,582	<u>1,995,540</u>	<u>2,068,655</u>	<u>2,141,944</u>	<u>2,216,374</u>	<u>2,293,307</u>	<u>2,371,838</u>	<u>2,438,037</u>	<u>2,488,845</u>	<u>2,466,075</u>	<u>2,549,410</u>	<u>2,531,193</u>	<u>2,619,093</u>	<u>2,619,093</u>
7. Net Investment	<u>2,449,780</u>	<u>2,387,042</u>	<u>2,322,589</u>	<u>2,261,541</u>	<u>2,311,797</u>	<u>2,420,471</u>	<u>2,338,047</u>	<u>2,412,629</u>	<u>2,512,509</u>	<u>2,610,506</u>	<u>2,706,383</u>	<u>2,800,137</u>	<u>2,891,765</u>	<u>2,891,765</u>
8. Average Investment		2,418,411	2,354,816	2,292,065	2,286,669	2,366,134	2,379,259	2,375,338	2,462,569	2,561,508	2,658,445	2,753,260	2,845,951	
9. Return on Average Investment		13,122	12,777	12,436	12,407	12,838	12,909	12,224	12,673	13,182	13,681	14,169	14,646	157,064
10. Return Requirements		<u>21,363</u>	<u>20,801</u>	<u>20,246</u>	<u>20,199</u>	<u>20,900</u>	<u>21,016</u>	<u>19,901</u>	<u>20,632</u>	<u>21,460</u>	<u>22,273</u>	<u>23,067</u>	<u>23,844</u>	<u>255,702</u>
Total Depreciation and Return		<u>94,321</u>	<u>93,916</u>	<u>93,535</u>	<u>94,629</u>	<u>97,916</u>	<u>99,547</u>	<u>99,572</u>	<u>102,732</u>	<u>105,443</u>	<u>108,376</u>	<u>111,293</u>	<u>114,196</u>	<u>1,215,476</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.54258% for January - June 2013 and 0.51463% for July - December 2013.

Return Requirements are calculated using an income tax multiplier of 1.6280016.

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2013 through July 2013  
Projected for Months August 2013 through December 2013

INDUSTRIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	0	561	29,782	23,169	0	0	0	0	0	53,512
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	561	30,343	53,512	53,512	53,512	53,512	53,512	53,512	
4. Depreciation Expense		0	0	0	0	5	258	699	892	892	892	892	892	5,422
5. Cumulative Investment	0	0	0	0	0	561	30,343	53,512	53,512	53,512	53,512	53,512	53,512	53,512
6. Less: Accumulated Depreciation	0	0	0	0	0	5	263	962	1,854	2,746	3,638	4,530	5,422	5,422
7. Net Investment	0	0	0	0	0	556	30,080	52,550	51,658	50,766	49,874	48,982	48,090	48,090
8. Average Investment		0	0	0	0	278	15,318	41,315	52,104	51,212	50,320	49,428	48,536	
9. Return on Average Investment		0	0	0	0	2	83	213	268	264	259	254	250	1,593
10. Return Requirements		-	-	-	-	3	135	347	436	430	422	414	407	2,594
Total Depreciation and Return		0	0	0	0	8	393	1,046	1,328	1,322	1,314	1,306	1,299	8,016

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Return on Average Investment is calculated using a monthly rate of 0.54258% for January - June 2013 and 0.51463% for July - December 2013.

Return Requirements are calculated using an income tax multiplier of 1.6280016.

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up  
Actual for Months January 2013 through July 2013  
Projected for Months August 2013 through December 2013

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1 Heating and Cooling	54,911	58,548	79,746	93,393	143,037	118,077	111,416	95,317	95,317	95,425	95,450	95,450	1,136,087
2 Prime Time	472,436	459,604	475,609	56,818	433,085	757,033	431,578	408,693	407,142	400,220	465,223	456,474	5,223,915
3 Energy Audits	104,101	152,644	133,147	186,897	176,081	134,209	150,670	187,632	205,275	240,986	210,193	265,875	2,147,710
4 Cogeneration	7,173	7,743	11,025	9,618	14,907	9,581	9,837	6,857	6,692	6,857	6,692	6,857	103,839
5 Commercial Load Mgmt	0	0	458	1,511	994	994	994	995	995	995	0	0	7,936
6 Commercial Lighting	10,073	24,586	11,237	51,777	24,213	12,860	45,107	34,269	76,777	39,583	44,946	44,946	420,394
7 Standby Generator	190,516	197,050	197,054	194,820	196,289	172,280	218,134	202,111	202,111	204,111	204,111	204,111	2,382,698
8 Conservation Value	122,447	469	364	0	2,018	4,354	1,697	43,114	29,114	1,114	75,114	1,114	280,919
9 Duct Repair	36,301	32,245	38,471	41,672	42,256	28,714	40,919	32,429	32,229	31,259	31,209	31,359	419,063
10 Renewable Energy Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative	119,957	116,129	124,261	198,537	252,677	90,098	3,544	121,717	121,717	123,061	123,111	121,767	1,516,576
12 Industrial Load Management	1,522,228	1,616,057	1,541,294	1,781,711	1,491,945	1,661,381	1,490,016	1,607,906	1,607,363	1,607,355	1,608,623	1,607,877	19,143,756
13 DSM R&D	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Commercial Cooling	6,439	8,686	264	9,341	6,702	4,989	41,248	9,535	18,094	2,878	9,535	4,780	122,491
15 Residential New Construction	190,404	106,506	119,512	104,089	234,442	203,415	198,756	183,450	183,203	183,178	183,228	183,144	2,073,327
16 Common Expenses	55,712	66,924	53,087	38,492	55,877	36,352	177,726	208,853	208,477	208,316	213,423	213,423	1,536,662
17 Price Responsive Load Mgmt	289,168	190,639	178,949	65,327	247,077	207,624	205,383	248,843	351,586	287,982	281,659	290,106	2,844,343
18 Residential Building Envelope Improvement	259,769	174,369	207,532	428,219	319,956	160,793	282,308	275,928	275,890	276,248	276,290	276,448	3,213,750
19 Residential Electronic Commutated Motors	122	86	84	72	174	77	278	293	293	293	293	293	2,358
20 Energy Education Outreach	5,740	7,245	6,042	8,084	14,679	11,517	9,851	9,328	9,328	8,553	8,553	9,553	108,473
21 Residential Re-Commissioning	3,785	7,336	5,276	4,097	7,193	5,852	5,642	4,254	4,254	4,254	4,254	4,254	60,451
22 Residential Low-Income Weatherization	144,356	177,464	137,378	91,076	112,771	183,233	85,396	164,216	164,216	164,671	164,671	164,671	1,754,141
23 Commercial Duct Repair	18,335	24,174	17,841	17,706	4,809	3,085	3,127	37,744	21,498	17,136	45,867	94,905	306,227
24 Commercial Energy Recovery Ventilation	0	106	0	0	106	14,821	0	1,504	0	0	2,257	0	18,794
25 Commercial Building Envelope Improvement	9,256	8,785	2,395	16,208	34,024	3,014	22,855	13,355	11,932	11,187	13,820	13,325	160,156
26 Commercial Energy Efficient Motors	0	0	0	0	0	0	0	0	166	166	321	0	653
27 Commercial Demand Response	271,184	1,540	271,043	278,635	555,862	278,499	265,037	282,922	282,922	282,922	285,972	302,922	3,359,460
28 Commercial Chiller Replacement	0	211	7,619	417	8,505	276	728	10,596	126	10,596	101	10,529	49,704
29 Commercial Occupancy Sensors (Lighting)	0	1,607	104	604	507	355	4,721	1,145	2,888	2,202	2,995	4,644	21,772
30 Commercial Refrigeration (Anti-Condensate)	0	0	0	0	0	0	0	0	0	0	0	1,665	1,665
31 Commercial Water Heating	0	0	0	0	0	0	0	79	79	79	79	76	392
32 Commercial HVAC Re-Commissioning	3,999	3,957	8,763	4,653	10,831	1,203	2,456	7,716	7,716	7,716	7,716	7,716	74,442
33 Commercial Electronic Commutated Motors	0	0	0	0	0	0	0	207	207	207	207	216	1,044
34 Cool Roof	55,923	27,448	25,110	66,855	9,620	18,290	27,802	644	644	33,883	83,740	103,129	453,288
35 Total	3,954,335	3,472,178	3,653,665	3,750,629	4,400,837	4,122,996	3,837,228	4,201,652	4,328,251	4,253,433	4,449,653	4,521,629	48,946,486
36 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Recoverable Conservation Expenses	<u>3,954,335</u>	<u>3,472,178</u>	<u>3,653,665</u>	<u>3,750,629</u>	<u>4,400,837</u>	<u>4,122,996</u>	<u>3,837,228</u>	<u>4,201,652</u>	<u>4,328,251</u>	<u>4,253,433</u>	<u>4,449,653</u>	<u>4,521,629</u>	<u>48,946,486</u>

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up

Actual for Months January 2013 through July 2013  
Projected for Months August 2013 through December 2013

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	<u>3,769,257</u>	<u>3,495,666</u>	<u>3,587,658</u>	<u>3,767,443</u>	<u>3,962,586</u>	<u>4,517,963</u>	<u>4,640,884</u>	<u>4,730,412</u>	<u>4,828,003</u>	<u>4,332,886</u>	<u>3,761,881</u>	<u>3,699,538</u>	<u>49,094,177</u>
3. Total Revenues	3,769,257	3,495,666	3,587,658	3,767,443	3,962,586	4,517,963	4,640,884	4,730,412	4,828,003	4,332,886	3,761,881	3,699,538	49,094,177
4. Prior Period True-up	<u>287,020</u>	<u>287,020</u>	<u>287,020</u>	<u>287,020</u>	<u>287,020</u>	<u>287,020</u>	<u>287,020</u>	<u>287,020</u>	<u>287,020</u>	<u>287,020</u>	<u>287,020</u>	<u>287,025</u>	<u>3,444,245</u>
5. Conservation Revenue Applicable to Period	4,056,277	3,782,686	3,874,678	4,054,463	4,249,606	4,804,983	4,927,904	5,017,432	5,115,023	4,619,906	4,048,901	3,986,563	52,538,422
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>3,954,335</u>	<u>3,472,178</u>	<u>3,653,665</u>	<u>3,750,629</u>	<u>4,400,837</u>	<u>4,122,996</u>	<u>3,837,228</u>	<u>4,201,652</u>	<u>4,328,251</u>	<u>4,253,433</u>	<u>4,449,653</u>	<u>4,521,629</u>	<u>48,946,486</u>
7. True-up This Period (Line 5 - Line 6)	101,942	310,508	221,013	303,834	(151,231)	681,987	1,090,676	815,780	786,772	366,473	(400,752)	(535,066)	3,591,936
8. Interest Provision This Period (C-3, Page 6, Line 10)	201	262	260	226	181	150	180	426	716	760	714	601	4,677
9. True-up & Interest Provision Beginning of Period	3,444,245	3,259,368	3,283,118	3,217,371	3,234,411	2,796,341	3,191,458	3,995,294	4,524,480	5,024,948	5,105,161	4,418,103	3,444,245
10. Prior Period True-up Collected/(Refunded)	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,020)</u>	<u>(287,025)</u>	<u>(3,444,245)</u>
11. End of Period Total - Over/(Under) Recovered	<u>3,259,368</u>	<u>3,283,118</u>	<u>3,217,371</u>	<u>3,234,411</u>	<u>2,796,341</u>	<u>3,191,458</u>	<u>3,995,294</u>	<u>4,524,480</u>	<u>5,024,948</u>	<u>5,105,161</u>	<u>4,418,103</u>	<u>3,596,613</u>	<u>3,596,613</u>
Previous EOP Change * Net of Revenue Taxes													
(A) Included in Line 6													
									Summary of Allocation		Forecast	Ratio	True Up
									Demand		30,876,968	0.60	2,157,968
									Energy		<u>20,968,121</u>	<u>0.40</u>	<u>1,438,645</u>
									Total		<u>51,845,089</u>	<u>1.00</u>	<u>3,596,613</u>

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of Interest Provision

Actual for Months January 2013 through July 2013  
Projected for Months August 2013 through December 2013

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	\$3,444,245	\$3,259,368	\$3,283,118	\$3,217,371	\$3,234,411	\$2,796,341	\$3,191,458	\$3,995,294	\$4,524,480	\$5,024,948	\$5,105,161	\$4,418,103	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>3,259,167</u>	<u>3,282,856</u>	<u>3,217,111</u>	<u>3,234,185</u>	<u>2,796,160</u>	<u>3,191,308</u>	<u>3,995,114</u>	<u>4,524,054</u>	<u>5,024,232</u>	<u>5,104,401</u>	<u>4,417,389</u>	<u>3,596,012</u>	
3. Total Beginning & Ending True-up	<u>\$6,703,412</u>	<u>\$6,542,224</u>	<u>\$6,500,229</u>	<u>\$6,451,556</u>	<u>\$6,030,571</u>	<u>\$5,987,649</u>	<u>\$7,186,572</u>	<u>\$8,519,348</u>	<u>\$9,548,712</u>	<u>\$10,129,349</u>	<u>\$9,522,550</u>	<u>\$8,014,115</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$3,351,706</u>	<u>\$3,271,112</u>	<u>\$3,250,115</u>	<u>\$3,225,778</u>	<u>\$3,015,286</u>	<u>\$2,993,825</u>	<u>\$3,593,286</u>	<u>\$4,259,674</u>	<u>\$4,774,356</u>	<u>\$5,064,675</u>	<u>\$4,761,275</u>	<u>\$4,007,058</u>	
5. Interest Rate - First Day of Month	<u>0.050%</u>	0.090%	0.100%	0.080%	0.080%	0.070%	0.060%	0.050%	0.180%	0.180%	0.180%	0.180%	
6. Interest Rate - First Day of Next Month	<u>0.090%</u>	<u>0.100%</u>	<u>0.080%</u>	<u>0.080%</u>	<u>0.070%</u>	<u>0.060%</u>	<u>0.050%</u>	<u>0.18%</u>	<u>0.18%</u>	<u>0.18%</u>	<u>0.18%</u>	<u>0.18%</u>	
7. Total (Line 5 + Line 6)	<u>0.140%</u>	<u>0.190%</u>	<u>0.180%</u>	<u>0.160%</u>	<u>0.150%</u>	<u>0.130%</u>	<u>0.110%</u>	<u>0.230%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
8. Average Interest Rate (50% of Line 7)	<u>0.070%</u>	<u>0.095%</u>	<u>0.090%</u>	<u>0.080%</u>	<u>0.075%</u>	<u>0.065%</u>	<u>0.055%</u>	<u>0.115%</u>	<u>0.180%</u>	<u>0.180%</u>	<u>0.180%</u>	<u>0.180%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.006%</u>	<u>0.008%</u>	<u>0.008%</u>	<u>0.007%</u>	<u>0.006%</u>	<u>0.005%</u>	<u>0.005%</u>	<u>0.010%</u>	<u>0.015%</u>	<u>0.015%</u>	<u>0.015%</u>	<u>0.015%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$201</u>	<u>\$262</u>	<u>\$260</u>	<u>\$228</u>	<u>\$181</u>	<u>\$150</u>	<u>\$180</u>	<u>\$426</u>	<u>\$716</u>	<u>\$760</u>	<u>\$714</u>	<u>\$601</u>	<u>\$4,677</u>

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TAMPA ELECTRIC COMPANY  
 Energy Conservation  
 Calculation of Conservation Revenues

Actual for Months January 2013 through July 2013  
 Projected for Months August 2013 through December 2013

(1)	(2)	(3)	(4)
Months	Firm MWH Sales	Interruptible MWH Sales	Clause Revenue Net of Revenue Taxes
January	1,393,882	-	3,769,257
February	1,280,888	-	3,495,666
March	1,309,195	-	3,587,658
April	1,383,298	-	3,767,443
May	1,466,195	-	3,962,586
June	1,696,252	-	4,517,963
July	1,730,873	-	4,640,884
August	1,783,316	-	4,730,412
September	1,824,748	-	4,828,003
October	1,629,257	-	4,332,886
November	1,387,039	-	3,761,881
December	1,359,771	-	3,699,538
Total	<u>18,244,713</u>	<u>-</u>	<u>49,094,177</u>

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** HEATING AND COOLING

**Program Description:** This is a residential conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency heating and air conditioning equipment at existing residences.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 3,784 units projected to be installed and approved.

January 1, 2014 to December 31, 2014

There are 3,968 units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures estimated for the period are \$1,136,087.

January 1, 2014 to December 31, 2014

Expenditures estimated for the period are \$1,219,909.

**Program Progress Summary:**

Through December 31, 2012, there were 181,011 units installed and approved.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** PRIME TIME

**Program Description:** This is a residential load management program designed to directly control the larger loads in customers' homes such as air conditioning, water heating, electric space heating and pool pumps. Participating customers receive monthly credits on their electric bills.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 37,813 projected customers for this program on a cumulative basis.

January 1, 2014 to December 31, 2014

There are 35,413 projected customers for this program on a cumulative basis.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Estimated expenditures are \$5,223,915.

January 1, 2014 to December 31, 2014

Estimated expenditures are \$5,054,691.

**Program Progress Summary:**

There were 40,365 cumulative customers participating through December 31, 2012.

Breakdown is as follows:

Water Heating	36,752
Air Conditioning	27,226
Heating	28,384
Pool Pump	8,552

Per Commission Order No. PSC- 05-0181-PAA-EG issued February 16, 2005, Prime Time is closed to new participants.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY AUDITS

**Program Description:** These are on-site, on-line and phone-in audits of residential, commercial and industrial premises that instruct customers on how to use conservation measures and practices to reduce their energy usage.

**Program Projections:** January 1, 2013 to December 31, 2013

Residential – 8,307 (RCS - 0; Free -7,437; On-line – 845, Phone-in 25)

Comm/Ind – 1,242 (Paid - 5; Free – 1,237)

January 1, 2014 to December 31, 2014

Residential – 10,410 (RCS - 0; Free – 9,000; On-line – 1,390, Phone-in 20)

Comm/Ind – 1,642 (Paid - 12 Free – 1,630)

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are expected to be \$2,147,710.

January 1, 2014 to December 31, 2014

Expenditures are expected to be \$3,036,461.

**Program Progress Summary:**

Through December 31, 2012 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	282,065
Residential Cust. Assisted <sup>(1)</sup>	119,196
Commercial-Ind (Fee)	226
Commercial-Ind (Free)	20,911
Commercial Mail-in	1,477

<sup>(1)</sup> Includes Mail-in and On-line audits. Mail-in audit program phased out on December 31, 2004.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COGENERATION

**Program Description:** This program encourages the development of cost-effective commercial and industrial cogeneration facilities through standard offers and negotiation of contracts for the purchase of firm capacity and energy.

**Program Projections:** January 1, 2013 to December 31, 2013

Communication and interaction will continue with all present and potential cogeneration customers. Tampa Electric is currently working with customers to add approximately 35 MW of generation in 2013

January 1, 2014 to December 31, 2014

Communication and interaction will continue with all present and potential cogeneration customers. Tampa Electric will continue working with customers to evaluate the economics of additional capacity in future years.

**Program Fiscal Expenditures:** January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$103,839.

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$83,729.

**Program Progress Summary:**

The projected total maximum generation by electrically interconnected cogeneration during 2013 will be approximately 499 MW. This includes generation that is connected, but wheeled outside of Tampa Electric's service area.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in our service area, as one facility recently changed its status and is no longer a qualified facility.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL LOAD MANAGEMENT

**Program Description:** This is a load management program that achieves weather-sensitive demand reductions through load control of equipment at the facilities of firm commercial customers.

**Program Projections:** January 1, 2013 to December 31, 2013

There are no new installations expected.

January 1, 2014 to December 31, 2014

One installation is expected.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenses of \$7,936 are estimated.

January 1, 2014 to December 31, 2014

Expenses of \$8,271 are estimated.

**Program Progress Summary:**

Through December 31, 2012 there were seven commercial installations in service.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL LIGHTING

**Program Description:** This is a conservation program designed to reduce weather-sensitive peaks by encouraging investment in more efficient lighting technology in commercial facilities.

**Program Projections:** January 1, 2013 to December 31, 2013

During this period, 234 customers are expected to participate.

January 1, 2014 to December 31, 2014

During this period, 250 customers are expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures estimated for the period are \$420,394.

January 1, 2014 to December 31, 2014

Expenditures estimated for this period are \$563,016.

**Program Progress Summary:**

Through December 31, 2012, there were 1,656 customers that participated.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** STANDBY GENERATOR

**Program Description:** This is a program designed to utilize the emergency generation capacity at firm commercial/industrial facilities in order to reduce weather-sensitive peak demand.

**Program Projections:** January 1, 2013 to December 31, 2013

One installation is expected.

January 1, 2014 to December 31, 2014

One installation is expected.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures estimated for the period are \$2,382,698.

January 1, 2014 to December 31, 2014

Expenditures estimated for the period are \$2,478,784.

**Program Progress Summary:**

Through December 31, 2012, there are 96 customers participating.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** CONSERVATION VALUE

**Program Description:** This is an incentive program for firm commercial/industrial customers that encourages additional investments in substantial demand shifting or demand reduction measures.

**Program Projections:** January 1, 2013 to December 31, 2013

Five customers are expected to participate during this period.

January 1, 2014 to December 31, 2014

Four customers are expected to participate during this period.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Estimated expenses are \$280,919.

January 1, 2014 to December 31, 2014

Estimated expenses are \$213,564.

**Program Progress Summary:**

Through December 31, 2012, there were 43 customers that earned incentive dollars. Tampa Electric continues to work with customers on evaluations of various measures.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** DUCT REPAIR

**Program Description:** This is a residential conservation program designed to reduce weather-sensitive peaks by offering incentives to encourage the repair of the air distribution system in a residence.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 1,388 repairs projected to be made.

January 1, 2014 to December 31, 2014

There are 1,121 repairs projected to be made.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures estimated for the period are \$419,063.

January 1, 2014 to December 31, 2014

Expenditures estimated for the period are \$305,952.

**Program Progress Summary:**

Through December 31, 2012, there are 92,438 customers that have participated.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RENEWABLE ENERGY PROGRAM

**Program Description:** This program is designed to promote and deliver renewable energy options to the company's customers. This specific effort provides funding for program administration, generation, evaluation of potential new renewable sources and market research.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 2,228 customers with 3,143 subscribed blocks estimated for this period on a cumulative basis.

There are 400 blocks estimated to be purchased for this period on a one time basis.

January 1, 2014 to December 31, 2014

There are 2,313 customers with 3,263 subscribed blocks estimated for this period on a cumulative basis.

There are 800 blocks estimated to be purchased for this period on a one time basis.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

For the period, the company anticipates excess revenues of approximately \$405,899 to be used for new renewable generation.

January 1, 2014 to December 31, 2014

For the period, revenues and expenses are projected to be the same.

**Program Progress Summary:**

Through December 31, 2012, there were 2,258 customers with 3,247 blocks subscribed. In addition, there were 2,868 blocks of renewable energy purchased on a one time basis.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RENEWABLE ENERGY SYSTEMS INITIATIVE

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

**Program Projections:** January 1, 2013 to December 31, 2013

PV Systems - 51  
Residential SWH - 95  
School PV- 1  
Low-Income SWH - 6

January 1, 2014 to December 31, 2014

PV Systems - 60  
Residential SWH - 143  
School PV- 1  
Low-Income SWH - 5

**Program Fiscal Expenditures:** January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$1,516,576.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$1,573,918.

**Program Progress Summary:** There were 207 customers that participated through December 31, 2012.

Breakdown is as follows:

PV Systems - 127  
Residential SWH - 71  
School PV- 2  
Low-Income SWH - 7

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** INDUSTRIAL LOAD MANAGEMENT

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

**Program Projections:** January 1, 2013 to December 31, 2013

One new customer is expected to participate.

January 1, 2014 to December 31, 2014

No new customers are expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures estimated for the period are \$19,143,756.

January 1, 2014 to December 31, 2014

Expenditures estimated for the period are \$19,303,778.

**Program Progress Summary:**

Through December 31, 2012, there are 56 customers participating.

**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 Projections:** See Program Progress Summary.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

No expenditures are estimated for this period.

January 1, 2014 to December 31, 2014

No expenditures are estimated for this period.

**Program Progress Summary:**

Currently, Tampa Electric has no active R&D programs. The company continues to review possible programs to research.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL COOLING

**Program Description:** This is an incentive program to encourage the installation of high efficiency direct expansion and Package Terminal Air Conditioning commercial air conditioning equipment.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 255 customers expected to participate.

January 1, 2014 to December 31, 2014

There are 150 customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated at \$122,491.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$68,003.

**Program Progress Summary:**

Through December 31, 2012, there were 1,483 units installed and approved.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL NEW CONSTRUCTION

**Program Description:** This is a program that encourages the construction of new homes to be above the minimum energy efficiency levels required by the State of Florida Energy Efficiency Code for New Construction through the installation of high efficiency equipment and building envelope options.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 2,516 customers expected to participate.

January 1, 2014 to December 31, 2014

There are 3,020 customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated at \$2,073,327.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$2,474,748.

**Program Progress Summary:**

Through December 31, 2012, a total of 4,616 approved homes have participated.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMON EXPENSES

**Program Description:** These are expenses common to all programs.

**Program Projections:** N/A

**Program Fiscal Expenditures:** January 1, 2013 to December 31, 2013  
Expenditures are estimated to be \$1,536,662.  
January 1, 2014 to December 31, 2014  
Expenditures are estimated at \$786,655.

**Program Progress Summary:** N/A

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** PRICE RESPONSIVE LOAD MANAGEMENT

**Program Description:** A load management program designed to reduce weather sensitive peak loads by offering a multi-tiered rate structure designed as an incentive for participating customers to reduce their electric demand during high cost or critical periods of generation.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 2,822 projected customers for this program on a cumulative basis.

January 1, 2014 to December 31, 2014

There are 4,742 projected customers for this program on a cumulative basis.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated at \$2,844,343.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$3,559,403

**Program Progress Summary:**

Through December 31, 2012, there were 1,946 participating customers.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL BUILDING ENVELOPE IMPROVEMENT

**Program Description:** This is a program that encourages customers to make cost-effective improvements to existing residences in the areas of ceiling insulation, wall insulation, and window improvements.

**Program Projections:** January 1, 2013 to December 31, 2013

Ceiling Insulation – 11,916  
Wall Insulation - 15  
Window Upgrades – 1,420  
Window Film - 388

January 1, 2014 to December 31, 2014

Ceiling Insulation – 12,900  
Wall Insulation – 15  
Window Upgrades – 1,400  
Window Film - 400

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$3,213,750.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$3,301,700.

**Program Progress Summary:**

Through December 31, 2012, there were 109,263 customers that participated in the company's residential building envelope improvement program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL ELECTRONICALLY COMMUTATED MOTOR

**Program Description:** This is a conservation program designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. The program is designed to help residential customers improve the overall efficiency of their existing equipment by replacing the existing motor in the air-handler with an Electronically Commutated Motor.

**Program Projections:** January 1, 2013 to December 31, 2013

There are six customers expected to participate.

January 1, 2014 to December 31, 2014

There are 12 customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$2,358.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$4,962.

**Program Progress Summary:**

Through December 31, 2012, no customers have participated in this program.

### PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** ENERGY EDUCATION OUTREACH

**Program Description:** The Energy Education Outreach Program is comprised of two distinct initiatives: 1) public education, and 2) energy awareness. The program is designed to establish opportunities for engaging groups of customers and students, in energy-efficiency related discussions in an organized setting.

Participants will be provided with energy saving devices and supporting information appropriate for the audience.

**Program Projections:** January 1, 2013 to December 31, 2013.

There are 3,082 customers expected to participate in energy awareness education presentations.

January 1, 2014 to December 31, 2014

There are 3,400 customers expected to participate in energy awareness education presentations.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$108,473.

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$127,865.

**Program Progress Summary:**

Through 2012, Tampa Electric has partnered with 91 local schools to present Energy Education to 29,115 students. In addition, the company gave 13 presentations to civic organizations that generated 315 customer assisted audits and distributed 588 energy saving kits to participating customers.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL HVAC RE-COMMISSIONING

**Program Description:** This is a conservation program designed to help residential customers ensure air conditioning and heating equipment is operating at optimal efficiency through maintenance and equipment tune-up. This will in turn help participating customers reduce demand and energy usage and help to promote good long-term maintenance habits.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 284 customers expected to participate.

January 1, 2014 to December 31, 2014

There are 300 customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$60,451.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$58,712.

**Program Progress Summary:**

Through December 31, 2012, a total of 671 customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** NEIGHBORHOOD WEATHERIZATION AND AGENCY OUTREACH

**Program Description:** This program is designed to assist low-income families in reducing their energy usage. The goal of the program is to establish a package of conservation measures at no cost for the customer. In addition to providing and/or installing the necessary materials for the various conservation measures, a key component will be educating families on energy conservation techniques to promote behavioral changes to help customers control their energy usage.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 3,553 customers expected to participate.

January 1, 2014 to December 31, 2014

There are 5,500 customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$1,754,141.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$2,694,116.

**Program Progress Summary:**

Through December 31, 2012, a total of 3,768 customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL DUCT REPAIR

**Program Description:** This is a commercial conservation program designed to reduce weather-sensitive peaks for commercial HVAC units less than or equal to 65,000 Btu/h by offering incentives to encourage the repair of the air distribution system in commercial facilities.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 732 repairs expected to be made.

January 1, 2014 to December 31, 2014

There are 1,010 repairs projected to be made.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$306,227.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$393,349.

**Program Progress Summary:**

Through December 31, 2012, a total of 10,029 customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL ENERGY RECOVERY VENTILATION

**Program Description:** This is a conservation program designed to help commercial/industrial customers reduce humidity and HVAC loads in buildings. This measure is intended to reduce demand and energy while improving comfort of commercial buildings.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 11 customers expected to participate.

January 1, 2014 to December 31, 2014

There are five customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$18,794.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$9,124.

**Program Progress Summary:**

Through December 31, 2012, no customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL BUILDING ENVELOPE IMPROVEMENT

**Program Description:** This is a program that encourages customers to make cost-effective improvements to existing commercial facilities in the areas of ceiling insulation, wall insulation and window improvements.

**Program Projections:** January 1, 2013 to December 31, 2013

Ceiling Insulation – 90  
Wall Insulation - 1  
Window Film – 19  
Roof Insulation - 1

January 1, 2014 to December 31, 2014

Ceiling Insulation - 95  
Wall Insulation - 1  
Window Film – 20  
Roof Insulation - 1

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$160,156.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$138,344.

**Program Progress Summary:**

Through December 31, 2012, a total of 190 customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL ENERGY EFFICIENT MOTORS

**Program Description:** This is a commercial/industrial conservation program designed to reduce weather-sensitive peaks by providing incentives for the installation of high efficiency motors at existing commercial/industrial facilities.

**Program Projections:** January 1, 2013 to December 31, 2013

There are four motors projected to be installed and approved.

January 1, 2014 to December 31, 2014

There are 12 motors projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$653.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$2,930.

**Program Progress Summary:**

Through December 31, 2012, a total of 116 customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL DEMAND RESPONSE

**Program Description:** Tampa Electric's Commercial Demand Response is a conservation and load management program intended to help alter the company's system load curve by reducing summer and winter demand peaks.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 39 MW of demand response available for control.

January 1, 2014 to December 31, 2014

There are 40 MW of demand response projected to be available for control.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$3,359,460.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$3,594,542.

**Program Progress Summary:**

Tampa Electric is currently subscribed for 39 MW.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL CHILLER REPLACEMENT

**Program Description:** This is an incentive program to encourage the installation of high efficiency air and water cooled chilled commercial air conditioning equipment.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 15 units projected to be installed and approved.

January 1, 2014 to December 31, 2014

There are 18 units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$49,704.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$55,376.

**Program Progress Summary:**

Through December 31, 2012, a total of 31 customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL OCCUPANCY SENSORS (LIGHTING)

**Program Description:** This program is aimed at reducing the growth of peak demand and energy by providing an incentive to encourage commercial/industrial customers to install occupancy sensors in any area where indoor lights would be used on peak.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 45 units projected to be installed and approved.

January 1, 2014 to December 31, 2014

There are 60 units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$21,772.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$44,328.

**Program Progress Summary:**

Through December 31, 2012, a total of 113 customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL REFRIGERATION (ANTI-CONDENSATE)

**Program Description:** This program is designed to reduce the peak demand and energy consumption for commercial/industrial customers by increasing the use of efficient refrigeration controls and equipment.

**Program Projections:** January 1, 2013 to December 31, 2013

There are two units projected to be installed and approved.

January 1, 2014 to December 31, 2014

There are four units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$1,665.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$3,478.

**Program Progress Summary:**

Through December 31, 2012, no customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL WATER HEATING

**Program Description:** This is a conservation program designed to reducing future growth of demand and energy consumption by encouraging commercial/industrial customers to install high efficiency water heating systems.

**Program Projections:** January 1, 2013 to December 31, 2013

There is one unit projected to be installed and approved.

January 1, 2014 to December 31, 2014

There is two unit projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$392.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$1,192.

**Program Progress Summary:**

Through December 31, 2012, no customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL HVAC RE-COMMISSIONING

**Program Description:** This is a conservation program designed to help commercial/industrial customers ensure HVAC equipment is operating at optimal efficiency by incenting maintenance and tune-up of equipment. This will in turn help commercial/industrial customers reduce demand and energy usage.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 330 customers expected to participate.

January 1, 2014 to December 31, 2014

There are 440 customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$74,442.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$103,548.

**Program Progress Summary:**

Through December 31, 2012, a total of 87 customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL ELECTRONICALLY COMMUTATED MOTOR

**Program Description:** This is a conservation program designed to encourage commercial/industrial customers to install electronically commutative motors in existing air conditioning and refrigeration equipment. The program is aimed at reducing the growth of peak demand and energy by encouraging customers to replace worn out, inefficient equipment with high efficiency equipment that exceeds minimum product manufacturing standards.

**Program Projections:** January 1, 2013 to December 31, 2013

There are two customers expected to participate.

January 1, 2014 to December 31, 2014

There are five customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$1,044.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$4,798.

**Program Progress Summary:**

Through December 31, 2012, no customers have participated in this program.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL COOL ROOF

**Program Description:** This is a conservation program designed to encourage commercial/industrial customers to install a cool roof system above conditioned spaces. This measure is intended to reduce heat transfer through reflectance which, in turn, reduces HVAC load and improves comfort.

**Program Projections:** January 1, 2013 to December 31, 2013

There are 72 customers expected to participate.

January 1, 2014 to December 31, 2014

There are 60 customers expected to participate.

**Program Fiscal Expenditures:**

January 1, 2013 to December 31, 2013

Expenditures are estimated to be \$453,288.

January 1, 2014 to December 31, 2014

Expenditures are estimated at \$420,133.

**Program Progress Summary:**

Through December 31, 2012, a total of 74 customers have participated in this program.

**2014 GSLM Incentive Calculation**

**Annual KW Reduction**                      **25,821**  
**Annual Incentive**                              **\$199,450**  
**Dollar Per KW**                                 **\$7.724205**

Month	KW Reduction	Incentive
Jan	1,839	14,207
Feb	1,839	14,207
Mar	1,839	14,207
Apr	2,375	18,345
May	2,375	18,345
Jun	2,375	18,345
Jul	2,375	18,345
Aug	2,375	18,345
Sep	2,375	18,345
Oct	2,375	18,345
Nov	1,839	14,207
Dec	1,839	14,207
<b>Total</b>		<b>199,450</b>

**2014 \$/kW Filing<sup>(1)</sup>**                              **\$7.72**

<sup>(1)</sup>Rounded to the nearest cent.

**INPUT DATA - PART 1**  
**PROGRAM TITLE: CCV Credit**

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 PAGE 1 OF 1  
 RUN DATE: September 9, 2013

**PROGRAM DEMAND SAVINGS & LINE LOSSES**

I. (1) CUSTOMER KW REDUCTION AT THE METER	2,375.0 KW /CUST
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	2,463.4 KW GEN/CUST
I. (3) KW LINE LOSS PERCENTAGE	6.5 %
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	548,226 KWH/CUST/YR
I. (5) KWH LINE LOSS PERCENTAGE	5.8 %
I. (6) GROUP LINE LOSS MULTIPLIER	1
I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR
I. (8)* CUSTOMER KWH REDUCTION AT METER	516,429 KWH/CUST/YR

**ECONOMIC LIFE & K FACTORS**

II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM	25 YEARS
II. (2) GENERATOR ECONOMIC LIFE	25 YEARS
II. (3) T & D ECONOMIC LIFE	25 YEARS
II. (4) K FACTOR FOR GENERATION	1.4759
II. (5) K FACTOR FOR T & D	1.4759
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0

**UTILITY & CUSTOMER COSTS**

III. (1) UTILITY NONRECURRING COST PER CUSTOMER	\$117,251 \$/CUST
III. (2) UTILITY RECURRING COST PER CUSTOMER	1,533 \$/CUST/YR
III. (3) UTILITY COST ESCALATION RATE	2.4 %
III. (4) CUSTOMER EQUIPMENT COST	0.00 \$/CUST
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.1 %
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR
III. (7) CUSTOMER O & M ESCALATION RATE	2.1 %
III. (8)* CUSTOMER TAX CREDIT PER INSTALLATION	0 \$/CUST
III. (9)* CUSTOMER TAX CREDIT ESCALATION RATE	0 %
III. (10)* INCREASED SUPPLY COSTS	0 \$/CUST/YR
III. (11)* SUPPLY COSTS ESCALATION RATE	0 %
III. (12)* UTILITY DISCOUNT RATE	0.07937
III. (13)* UTILITY AFUDC RATE	0.0816
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00 \$/CUST
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	\$199,450 \$/CUST/YR
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %

**AVOIDED GENERATOR, TRANS. & DIST COSTS**

IV. (1) BASE YEAR	2014
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2020
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2020
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	585.19 \$/KW
IV. (5) BASE YEAR AVOIDED TRANSMISSION COST	0.00 \$/KW
IV. (6) BASE YEAR DISTRIBUTION COST	0.00 \$/KW
IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.4 %
IV. (8) GENERATOR FIXED O & M COST	11.67 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.4 %
IV. (10) TRANSMISSION FIXED O & M COST	0.00 \$/KW/YR
IV. (11) DISTRIBUTION FIXED O & M COST	0.00 \$/KW/YR
IV. (12) T&D FIXED O&M ESCALATION RATE	2.4 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.184 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.4 %
IV. (15) GENERATOR CAPACITY FACTOR	3.1 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST	4.48 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	4.84 %
IV. (18)* AVOIDED PURCHASE CAPACITY COST PER KW	0 \$/KW/YR
IV. (19)* CAPACITY COST ESCALATION RATE	0 %

**NON-FUEL ENERGY AND DEMAND CHARGES**

V. (1) NON-FUEL COST IN CUSTOMER BILL	2.070 CENTS/KWH
V. (2) NON-FUEL ESCALATION RATE	1 %
V. (3) CUSTOMER DEMAND CHARGE PER KW	9.900 \$/KW/MO
V. (4) DEMAND CHARGE ESCALATION RATE	1 %
V. (5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL	0

**CALCULATED BENEFITS AND COSTS**

(1)* TRC TEST - BENEFIT/COST RATIO	22.27
(2)* PARTICIPANT NET BENEFITS (NPV)	12,726
(3)* RIM TEST - BENEFIT/COST RATIO	1.2000

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 CALCULATION OF GSLM CCV  
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TOTAL RESOURCE COST TESTS  
PROGRAM: CCV Credit

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T & D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2014	0	118	0	0	118	0	0	9	0	9	(109)	(109)
2015	0	122	0	0	122	0	0	29	34	63	(59)	(165)
2016	0	127	0	0	127	0	0	51	54	105	(22)	(183)
2017	0	132	0	0	132	0	0	81	76	156	25	(164)
2018	0	137	0	0	137	0	0	87	99	186	50	(127)
2019	0	142	0	0	142	0	0	112	125	237	95	(62)
2020	0	11	0	0	11	2,424	0	132	131	2,688	2,677	1,631
2021	0	11	0	0	11	2,353	0	139	138	2,630	2,619	3,165
2022	0	11	0	0	11	2,273	0	149	145	2,567	2,556	4,552
2023	0	11	0	0	11	2,199	0	150	152	2,501	2,489	5,804
2024	0	12	0	0	12	2,120	0	176	159	2,455	2,444	6,943
2025	0	12	0	0	12	2,057	0	187	167	2,411	2,399	7,978
2026	0	12	0	0	12	1,998	0	188	176	2,362	2,350	8,918
2027	0	13	0	0	13	1,942	0	186	185	2,312	2,299	9,770
2028	0	13	0	0	13	1,877	0	215	194	2,286	2,273	10,550
2029	0	13	0	0	13	1,822	0	218	203	2,243	2,230	11,259
2030	0	13	0	0	13	1,765	0	221	214	2,200	2,186	11,903
2031	0	14	0	0	14	1,710	0	225	224	2,159	2,145	12,489
2032	0	14	0	0	14	1,649	0	250	236	2,135	2,120	13,025
2033	0	14	0	0	14	1,592	0	261	247	2,101	2,086	13,514
2034	0	15	0	0	15	1,539	0	262	260	2,060	2,046	13,958
2035	0	15	0	0	15	1,491	0	271	273	2,035	2,020	14,364
2036	0	15	0	0	15	1,455	0	302	286	2,043	2,027	14,742
2037	0	16	0	0	16	1,433	0	298	301	2,032	2,016	15,090
2038	0	16	0	0	16	1,410	0	328	316	2,053	2,037	15,416
NOMINAL	0	1,029	0	0	1,029	35,109	0	4,526	4,393	44,028	42,999	
NPV:	0	725	0	0	725	13,024	0	1,578	1,540	16,141	15,416	
Discount Rate		0.07937										
												Benefit/Cost Ratio - [col (11)/col (6)]: 22.27

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CALCULATION OF GSLM CCV  
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PARTICIPANT COSTS AND BENEFITS  
PROGRAM: CCV Credit

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September 9, 2013

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILL \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O & M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2014	15	0	100	0	115	0	0	0	0	115	115
2015	47	0	299	0	346	0	0	0	0	346	436
2016	80	0	499	0	579	0	0	0	0	579	933
2017	114	0	698	0	812	0	0	0	0	812	1,579
2018	146	0	898	0	1,044	0	0	0	0	1,044	2,347
2019	182	0	1,097	0	1,279	0	0	0	0	1,279	3,220
2020	202	0	1,197	0	1,399	0	0	0	0	1,399	4,105
2021	208	0	1,197	0	1,405	0	0	0	0	1,405	4,928
2022	213	0	1,197	0	1,409	0	0	0	0	1,409	5,693
2023	217	0	1,197	0	1,414	0	0	0	0	1,414	6,404
2024	228	0	1,197	0	1,425	0	0	0	0	1,425	7,068
2025	232	0	1,197	0	1,429	0	0	0	0	1,429	7,685
2026	238	0	1,197	0	1,435	0	0	0	0	1,435	8,259
2027	243	0	1,197	0	1,439	0	0	0	0	1,439	8,792
2028	253	0	1,197	0	1,450	0	0	0	0	1,450	9,290
2029	258	0	1,197	0	1,455	0	0	0	0	1,455	9,752
2030	264	0	1,197	0	1,461	0	0	0	0	1,461	10,182
2031	270	0	1,197	0	1,467	0	0	0	0	1,467	10,583
2032	281	0	1,197	0	1,478	0	0	0	0	1,478	10,956
2033	289	0	1,197	0	1,486	0	0	0	0	1,486	11,305
2034	296	0	1,197	0	1,493	0	0	0	0	1,493	11,629
2035	306	0	1,197	0	1,503	0	0	0	0	1,503	11,931
2036	322	0	1,197	0	1,519	0	0	0	0	1,519	12,214
2037	336	0	1,197	0	1,533	0	0	0	0	1,533	12,478
2038	351	0	1,197	0	1,548	0	0	0	0	1,548	12,726
NOMINAL	5,592	0	26,327	0	31,920	0	0	0	0	31,920	
NPV:	2,076	0	10,650	0	12,726	0	0	0	0	12,726	
In service year of gen unit:			2020								
Discount rate:			0.07937								

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**RESIDENTIAL SERVICE  
2014 VARIABLE PRICING (RSVP-1) RATES  
CENTS PER KWH**

<b>Rate Tiers</b>	<b>Base Rate</b>	<b>Fuel</b>	<b>Capacity</b>	<b>Environmental</b>	<b>Conservation</b>	<b>Total Clauses</b>	<b>Base Rate Plus Clauses</b>
P4	4.845	3.911	0.196	0.498	32.563	37.168	42.013
P3	4.845	3.911	0.196	0.498	7.546	12.151	16.996
P2	4.845	3.911	0.196	0.498	(0.745)	3.860	8.705
P1	4.845	3.911	0.196	0.498	(2.466)	2.139	6.984

TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 JANUARY 2014 THROUGH DECEMBER 2014

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MwH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MwH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 50% Avg Demand Factor (%)
RS	54.87%	8,568,132	1,783	1.07880	1.05641	9,051,474	1,923	46.85%	55.52%	51.18%
GS,TS	59.77%	1,014,542	194	1.07880	1.05640	1,071,759	209	5.55%	6.03%	5.79%
GSD Optional	3.06%	332,164	48	1.07146	1.04897	348,430	52	1.80%	1.50%	1.65%
GSD, SBF, IS, SBI	75.65%	8,218,854	1,192	1.07146	1.04897	8,621,318	1,277	44.61%	36.86%	40.74%
LS1	793.34%	218,515	3	1.07880	1.05641	230,842	3	1.19%	0.09%	0.64%
TOTAL		18,352,207	3,220			19,323,823	3,464	100%	100%	100%

- (1) AVG 12 CP load factor based on 2013 projected calendar data.
- (2) Projected MWH sales for the period January 2014 thru December 2014.
- (3) Based on 12 months average CP at meter.
- (4) Based on 2013 projected demand losses.
- (5) Based on 2013 projected energy losses.
- (6) Col (2) \* Col (5).
- (7) Col (3) \* Col (4).
- (8) Based on 12 months average percentage of sales at generation.
- (9) Based on 12 months average percentage of demand at generation.
- (10) Col (8) \* 50% + Col (9) \* 50%

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TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Summary of Cost Recovery Clause Calculation  
 For Months January 2014 through December 2014

1. Total Incremental Cost (C-2, Page 1, Line 17)	51,689,379
2. Demand Related Incremental Costs	32,613,095
3. Energy Related Incremental Costs	19,076,284

RETAIL BY RATE CLASS

	RS	GS,TS	GSD, SBF IS, SBI	GSD OPTIONAL	LS1	Total
4. Demand Allocation Percentage	51.18%	5.79%	40.74%	1.65%	0.64%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	16,691,382	1,888,298	13,286,575	538,116	208,724	<u>32,613,095</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(1,104,448)</u>	<u>(124,946)</u>	<u>(879,156)</u>	<u>(35,606)</u>	<u>(13,811)</u>	<u>(2,157,968)</u>
7. Total Demand Related Incremental Costs	<u>15,586,934</u>	<u>1,763,352</u>	<u>12,407,419</u>	<u>502,510</u>	<u>194,913</u>	<u>30,455,127</u>
8. Energy Allocation Percentage	46.85%	5.55%	44.61%	1.80%	1.19%	100.00%
9. Net Energy Related Incremental Costs	8,937,239	1,058,734	8,509,930	343,373	227,008	<u>19,076,284</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(674,005)</u>	<u>(79,845)</u>	<u>(641,780)</u>	<u>(25,896)</u>	<u>(17,120)</u>	<u>(1,438,645)</u>
11. Total Net Energy Related Incremental Costs	<u>8,263,234</u>	<u>978,889</u>	<u>7,868,151</u>	<u>317,478</u>	<u>209,888</u>	<u>17,637,639</u>
12. Total Incremental Costs (Line 5 + 9)	25,628,621	2,947,032	21,796,505	881,489	435,732	51,689,379
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 6, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(1,778,453)</u>	<u>(204,791)</u>	<u>(1,520,936)</u>	<u>(61,502)</u>	<u>(30,931)</u>	<u>(3,596,613)</u>
14. Total (Line 12 + 13)	<u>23,850,168</u>	<u>2,742,241</u>	<u>20,275,569</u>	<u>819,987</u>	<u>404,801</u>	<u>48,092,766</u>
15. Retail MWH Sales	8,568,132	1,014,542	8,218,854	332,164	218,515	18,352,207
16. Effective MWH at Secondary	8,568,132	1,014,542	8,218,854	332,164	218,515	18,352,207
17. Projected Billed KW at Meter	*	*	19,444,035	*	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.27836	0.27029	*	0.24686	0.18525	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.2786	0.2705	*	0.2470	0.1854	
21. Conservation Adjustment Factor (cents/KWH)						
<b>RS, GS, TS, GSD Optional and LS1 Rates (cents/KWH) *</b>						
- Secondary	<u>0.279</u>	<u>0.271</u>		<u>0.247</u>	<u>0.185</u>	
- Primary				<u>0.245</u>		
- Subtransmission				<u>0.242</u>		
<b>GSD, SBF, IS, SBI (\$/KW) *</b>						
Full Requirement						
- Secondary	*	*	<u>1.04</u>	*	*	
- Primary	*	*	<u>1.03</u>	*	*	
- Subtransmission	*	*	<u>1.02</u>	*	*	

\* (ROUNDED TO NEAREST .001 PER KWH or KW)