

AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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

August 27, 2014

VIA: ELECTRONIC FILING

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

Re: Conservation Cost Recovery Clause
FPSC Docket No. 140002-EG

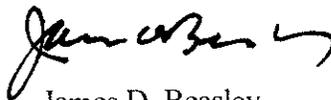
Dear Ms. Stauffer:

Attached for filing in the above docket on behalf of Tampa Electric Company are the original of each of the following:

1. Petition of Tampa Electric Company.
2. Prepared Direct Testimony and Exhibit (MRR-1) of Mark R. Roche.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/pp
Attachment

cc: All Parties of Record (w/attachment)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Energy Conservation Cost)
Recovery Clause.)
_____)

DOCKET NO. 140002-EG
FILED: August 27, 2014

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 2015. In support thereof, the company says:

Conservation Cost Recovery

1. During the period January through December 2013, Tampa Electric incurred actual net conservation costs of \$47,502,652, plus a beginning true-up over-recovery of \$3,444,245 for a total of \$44,058,407. The amount collected through the Conservation Cost Recovery Clause was \$49,532,245. The true-up amount for January through December 2013 was an over-recovery of \$5,476,721 including interest. (See Exhibit (HTB-1); Schedule CT-1, Page 1 of 1 and CT-2, Page 1 of 4, filed May 2, 2014).

2. During the period January through December 2014, the company anticipates incurring expenses of \$48,778,800. For the period the total net true-up over-recovery is estimated to be \$5,228,882 including interest. (See Exhibit (MRR-1); Schedule C-3, page 6 of 7).

3. For the forthcoming cost recovery period, January through December 2015, Tampa Electric projects its total incremental conservation costs to be \$46,224,522. Tampa Electric's total true-up and projected expenditures for the projection period are estimated to be \$40,995,640 including true-up estimates for January through December 2014. 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 2014 are the ones as filed by the company in Exhibit (HTB-2) Schedule C-1, page 1 of 1, filed September 16, 2013 and approved in Order No. PSC-13-0614-FOF-EG, issued November 20, 2013.

4. For the forthcoming cost recovery period, January through December 2015, utilizing the rate design and cost allocation as put forth in Docket No. 130040-EI, the required conservation cost recovery factors are as follows: 0.247 cents per kWh for Residential, 0.230 cents per kWh for General Service Non-Demand and Temporary Service, 0.85 dollars per kW for Full Requirement General Service Demand - Secondary, 0.85 dollars per kW for Full Requirement General Service Demand - Primary, 0.84 dollars per kW for Full Requirement General Service Demand - Subtransmission, 0.85 dollars per kW for Standby Service - Secondary, 0.85 dollars per kW for Standby Service - Primary, 0.84 dollars per kW for Standby Service - Subtransmission, 0.66 dollars per kW for Interruptible Service - Secondary, 0.65 dollars per kW for Interruptible Service - Primary, 0.65 dollars per kW for Interruptible Service - Subtransmission, 0.200 cents per kWh for General Service Demand Optional – Secondary, 0.198 cents per kWh for General Service Demand Optional - Primary, 0.196 cents per kWh for General Service Demand Optional - Subtransmission, and 0.101 cents per kWh for Lighting. (See Exhibit (MRR-1); Schedule C-1, Page 1 of 1)

4. For the forthcoming cost recovery period, January through December 2015, the Contracted Credit Value for the GSLM-2 and GSLM-3 rate riders will be \$8.14 per kW. (See Exhibit (MRR-1); Page 60).

5. For the forthcoming cost recovery period, January through December 2015, the residential Price Responsive Load Management ("RSVP-1") rates are as follows:

<u>Rate Tier</u>	<u>Cents per kWh</u>
P4	31.885
P3	7.404
P2	(0.709)
P1	(2.429)

(See Exhibit (MRR-1); page 65)

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, 2015 through December 31, 2015.

DATED this 27th day of August, 2014.

Respectfully submitted,



JAMES D. BEASLEY
J. JEFFRY WAHLEN
ASHLEY M. DANIELS
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 and Testimony of Mark R. Roche, filed on behalf of Tampa Electric Company, has been furnished by hand delivery (*) or electronic mail on this 27th day of August 2014 to the following:

Ms. Lee Eng Tan*
Senior Attorney
Office of General Counsel
Florida Public Service Commission
Room 390Q – Gerald L. Gunter Building
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
ltan@psc.state.fl.us

Ms. Patricia A. Christensen
Associate Public Counsel
Office of Public Counsel
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400
christensen.patty@leg.state.fl.us

Mr. Jeffrey A. Stone
Mr. Russell A. Badders
Mr. Steven R. Griffin
Beggs & Lane
Post Office Box 12950
Pensacola, FL 32591-2950
jas@beggslane.com
rab@beggslane.com
srg@beggslane.com

Mr. Robert L. McGee, Jr.
Regulatory and Pricing Manager
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0780
rlmcgee@southernco.com

Mr. Kenneth M. Rubin
Senior Counsel
Florida Power & Light Company
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
Ken.Rubin@fpl.com

Mr. Kenneth Hoffman
Vice President, Regulatory Relations
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, FL 32301-1858
Ken.Hoffman@fpl.com

Mr. John T. Burnett
Ms. Dianne M. Triplett
Duke Energy Florida, Inc.
Post Office Box 14042
St. Petersburg, FL 33733
john.burnett@duke-energy.com
dianne.triplett@duke-energy.com

Mr. Matthew R. Bernier
Mr. Paul Lewis
Duke Energy Florida, Inc.
106 E. College Avenue, Suite 800
Tallahassee, FL 32301-7740
matthew.bernier@duke-energy.com

Mr. Jon C. Moyle, Jr.
Moyle Law Firm
118 N. Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com

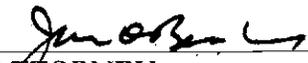
Ms. Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe Street, Suite 601
Tallahassee, FL 32301-1839
bkeating@gunster.com

Ms. Cheryl Martin & Ms. Aleida Socarras
Florida Public Utilities Company
P. O. Box 3395
West Palm Beach, FL 33402-3395
Cheryl_Martin@fpuc.com

Mr. James W. Brew
Mr. F. Alvin Taylor
Brickfield, Burchette, Ritts & Stone, P.C.
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201
jbrew@bbrslaw.com
ataylor@bbrslaw.com

Mr. George Carvos
120 E. Oakland Park Blvd, Ste. 105
Fort Lauderdale, FL 33334
george@cavros-law.com

Mr. Robert Scheffel Wright
Mr. John T. LaVia, III
Gardner, Bist, Wiener, Wadsworth,
Bowden, Bush, Dee, LaVia & Wright, P.A.
1300 Thomaswood Drive
Tallahassee, FL 32308
Schef@gbwlegal.com
Jlavia@gbwlegal.com



ATTORNEY



BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 140002-EG
IN RE: CONSERVATION COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT

OF

MARK R. ROCHE

FILED: AUGUST 27, 2014

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **MARK R. ROCHE**

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

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

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

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

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

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

10
11 **A.** The purpose of my testimony is to support the company's
12 actual conservation costs incurred during the period
13 January through December 2013, the actual/projected
14 period January to December 2014, and the projected period
15 January through December 2015. The projected 2015 ECCR
16 factors have been calculated based on the current
17 approved allocation methodology. Also, I will support
18 the appropriate Contracted Credit Value ("CCV") for
19 participants in the General Service Industrial Load
20 Management Riders ("GSLM-2" and "GSLM-3") for the period
21 January through December 2015. In addition, I will
22 support the appropriate residential variable pricing
23 rates ("RSVP-1") for participants in the Residential
24 Price Responsive Load Management Program for the period
25 January through December 2015.

1 **Q.** Do you wish to adopt and support Howard Bryant's Exhibit
2 HTB-1, entitled Schedules Supporting Conservation Cost
3 Recovery Factor, Actual, for the period January 2013 -
4 December 2013, which was filed in this docket on May 2,
5 2014?

6
7 **A.** Yes, I do. Mr. Bryant has retired from Tampa Electric
8 and I am assuming his role as Tampa Electric's witness in
9 energy conservation related matters.

10
11 **Q.** Did you prepare any exhibits in support of your
12 testimony?

13
14 **A.** Yes. Exhibit No. ____ (MRR-1) was prepared under my
15 direction and supervision. This document includes
16 Schedules C-1 through C-5 and associated data which
17 support the development of the conservation cost recovery
18 factors for January through December 2015 using the
19 current 12 Coincident Peak ("CP") and 1/13 Average Demand
20 ("AD") Factor allocation methodology.

21
22 **Q.** Please describe the conservation program costs projected
23 by Tampa Electric during the period January through
24 December 2013.

25

1 **A.** For the period January through December 2013, Tampa
2 Electric projected conservation program costs to be
3 \$51,845,089. The Commission authorized collections to
4 recover these expenses in Docket No. 120002-EG, Order No.
5 PSC-12-0611-FOF-EG, issued November 15, 2012.

6
7 **Q.** For the period January through December 2013, 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 2013, Tampa
12 Electric incurred actual net conservation costs of
13 \$47,502,652 plus a beginning true-up over-recovery of
14 \$3,444,245 for a total of \$44,058,407. The amount
15 collected in the ECCR clause was \$49,532,245.

16
17 **Q.** What was the true-up amount?

18
19 **A.** The true-up amount for the period January through
20 December 2013 was an over-recovery of \$5,476,721,
21 including interest. These calculations are detailed in
22 Exhibit No. ____ (HTB-1), Conservation Cost Recovery True
23 Up, Pages 1 through 11, filed May 2, 2014.

24
25 **Q.** Please describe the conservation program costs projected

1 to be incurred by Tampa Electric during the period
2 January through December 2014?

3
4 **A.** The actual costs incurred by Tampa Electric through July
5 2014 and projected for August through December 2014 are
6 \$48,778,800. For the period, Tampa Electric anticipates
7 an over-recovery in the ECCR Clause of \$5,228,882 which
8 includes the 2013 true-up and interest. A summary of
9 these costs and estimates are fully detailed in Exhibit
10 No. ____ (MRR-1), Conservation Costs Projected, pages 18
11 through 24.

12
13 **Q.** Has Tampa Electric proposed any new or modified DSM
14 Programs for ECCR cost recovery for the period January
15 through December 2015?

16
17 **A.** Yes. Tampa Electric has proposed DSM goals in Docket No.
18 130201-EI and the goals amounts have yet to be approved.
19 Once the Commission approves the company's DSM goals, the
20 actual DSM plan the company will develop to meet those
21 goals may require new or modified programs to support the
22 goals amounts set, however at this time there are no new
23 or modified DSM programs.

24
25 **Q.** Please summarize the proposed conservation costs for the

1 period January through December 2015 and the annualized
 2 recovery factors based on a 12 CP and 1/13 AD basis
 3 applicable for the period January through December 2015?
 4

5 **A.** Tampa Electric has estimated that the total conservation
 6 costs (less program revenues) during the period will be
 7 \$46,224,522 plus true-up. Including true-up estimates,
 8 the January through December 2015 cost recovery factors
 9 allocated on a 12 CP and 1/13 AD basis for firm retail
 10 rate classes are as follows:

	Cost Recovery Factors
<u>Rate Schedule</u>	<u>(cents per kWh)</u>
13 RS	0.247
14 GS and TS	0.230
15 GSD Optional - Secondary	0.200
16 GSD Optional - Primary	0.198
17 GSD Optional - Subtransmission	0.196
18 LS1	0.101

	Cost Recovery Factors
<u>Rate Schedule</u>	<u>(dollars per kW)</u>
22 GSD - Secondary	0.85
23 GSD - Primary	0.85
24 GSD - Subtransmission	0.84
25 SBF - Secondary	0.85

1	SBF - Primary	0.85
2	SBF - Subtransmission	0.84
3	IS - Secondary	0.66
4	IS - Primary	0.65
5	IS - Subtransmission	0.65

6 Exhibit No. ____ (MRR-1), Conservation Costs Projected,
7 pages 13 through 17 contain the Commission prescribed
8 forms which detail these estimates.

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 contracted
25 credit value ("CCV") for customers would be submitted for

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

12
13 **Q.** What is the appropriate CCV for customers who elect to
14 take service under the GSLM-2 and GSLM-3 rate riders
15 during the January through December 2015 period?

16
17 **A.** For the January through December 2015 period, the CCV
18 will be \$8.14 per kW. If the 2015 assessment for need
19 determination indicates the availability of new non-firm
20 load, the CCV will be applied to new subscriptions for
21 service under those rate riders. The application of the
22 cost-effectiveness methodology to establish the CCV is
23 found in the attached analysis, Exhibit No. ____ (MRR-1),
24 Conservation Costs Projected, beginning on page 60
25 through 64.

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 2015?

16

17 A. The appropriate RSVP-1 rates during the January through
18 December 2015 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	31.885
P3	7.404
P2	(0.709)
P1	(2.429)

25

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Page 65 contains the projected RSVP-1 rates for 2015.

Q. Does this conclude your testimony?

A. Yes it does.

CONSERVATION COSTS
PROJECTED

INDEX

<u>SCHEDULE</u>	<u>TITLE</u>	<u>PAGE</u>
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TAMPA ELECTRIC COMPANY
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
 JANUARY 2015 THROUGH DECEMBER 2015
 Projected

	(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 & 1/13% Avg Demand Factor (%)
RS	54.04%	8,713,087	1,841	1.07665	1.05525	9,194,470	1,982	46.92%	56.36%	55.64%
GS,TS	60.65%	1,047,683	197	1.07665	1.05523	1,105,551	212	5.64%	6.03%	6.00%
GSD Optional	3.58%	357,148	53	1.07236	1.05157	375,566	57	1.92%	1.62%	1.64%
GSD, SBF Standard	73.67%	7,345,405	1,085	1.07236	1.05157	7,724,211	1,164	39.41%	33.11%	33.59%
IS	113.14%	949,661	96	1.02745	1.01946	968,139	98	4.94%	2.79%	2.96%
LS1	808.37%	217,416	3	1.07665	1.05525	229,428	3	1.17%	0.09%	0.17%
TOTAL		18,630,400	3,275			19,597,365	3,516	100%	100%	100%

- (1) AVG 12 CP load factor based on 2014 projected calendar data.
- (2) Projected MWH sales for the period January 2015 thru December 2015.
- (3) Calculated: Col(2) / (8760*Col(1))
- (4) Based on 2014 projected demand losses.
- (5) Based on 2014 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) * 0.0769 + Col (9) * 0.9231

C-1
 Page 1 of 1

TAMPA ELECTRIC COMPANY
 Energy Conservation Adjustment
 Summary of Cost Recovery Clause Calculation
 For Months January 2015 through December 2015

1. Total Incremental Cost (C-2, Page 1, Line 17)	46,224,522
2. Demand Related Incremental Costs	29,383,815
3. Energy Related Incremental Costs	16,840,707

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS,TS</u>	<u>GSD, SBF STANDARD</u>	<u>GSD OPTIONAL</u>	<u>IS</u>	<u>LS1</u>	<u>Total</u>
4. Demand Allocation Percentage	55.64%	6.00%	33.59%	1.64%	2.96%	0.17%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	16,349,155	1,763,029	9,870,023	481,895	869,761	49,952	<u>29,383,815</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>(1,832,891)</u>	<u>(197,652)</u>	<u>(1,106,520)</u>	<u>(54,025)</u>	<u>(97,508)</u>	<u>(5,600)</u>	<u>(3,294,196)</u>
7. Total Demand Related Incremental Costs	<u>14,516,264</u>	<u>1,565,377</u>	<u>8,763,503</u>	<u>427,870</u>	<u>772,253</u>	<u>44,352</u>	<u>26,089,619</u>
8. Energy Allocation Percentage	46.92%	5.64%	39.41%	1.92%	4.94%	1.17%	100.00%
9. Net Energy Related Incremental Costs	7,901,660	949,816	6,636,923	323,342	831,931	197,036	<u>16,840,707</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>(907,755)</u>	<u>(109,116)</u>	<u>(762,460)</u>	<u>(37,146)</u>	<u>(95,573)</u>	<u>(22,636)</u>	<u>(1,934,686)</u>
11. Total Net Energy Related Incremental Costs	<u>6,993,905</u>	<u>840,700</u>	<u>5,874,463</u>	<u>286,196</u>	<u>736,357</u>	<u>174,400</u>	<u>14,906,021</u>
12. Total Incremental Costs (Line 5 + 9)	24,250,814	2,712,845	16,506,946	805,236	1,701,692	246,989	46,224,522
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>(2,740,645)</u>	<u>(306,768)</u>	<u>(1,868,980)</u>	<u>(91,171)</u>	<u>(193,082)</u>	<u>(28,236)</u>	<u>(5,228,882)</u>
14. Total (Line 12 + 13)	<u>21,510,169</u>	<u>2,406,077</u>	<u>14,637,966</u>	<u>714,065</u>	<u>1,508,610</u>	<u>218,753</u>	<u>40,995,640</u>
15. Retail MWH Sales	8,713,087	1,047,683	7,345,405	357,148	949,661	217,416	18,630,400
16. Effective MWH at Secondary	8,713,087	1,047,683	7,345,405	357,148	949,661	217,416	18,630,400
17. Projected Billed KW at Meter	*	*	17,148,546	*	2,290,004	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.24687	0.22966	*	0.19994	*	0.10062	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.2470	0.2298	*	0.2001	*	0.1007	
21. Conservation Adjustment Factor (cents/KWH)							
<u>RS, GS, TS, GSD Optional and LS1 Rates (cents/KWH) *</u>							
- Secondary	<u>0.247</u>	<u>0.230</u>		<u>0.200</u>		<u>0.101</u>	
- Primary				<u>0.198</u>			
- Subtransmission				<u>0.196</u>			
<u>GSD, SBF, IS Standard Rates (\$/KW) *</u>							
Full Requirement							
- Secondary	*	*	<u>0.85</u>	*	<u>0.66</u>	*	
- Primary	*	*	<u>0.85</u>	*	<u>0.65</u>	*	
- Subtransmission	*	*	<u>0.84</u>	*	<u>0.65</u>	*	

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

TAMPA ELECTRIC COMPANY
Conservation Program Costs
Estimated For Months January 2015 through December 2015

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	98,690	98,690	99,090	98,257	98,557	98,557	98,457	98,457	98,557	98,257	98,457	98,382	1,182,408
2 Prime Time (D)	300,600	290,209	280,209	270,315	260,454	250,331	241,359	231,359	222,272	211,533	200,877	190,756	2,950,274
3 Energy Audits (E)	203,098	216,952	236,440	190,613	180,282	201,767	260,677	317,931	251,357	227,698	172,330	213,759	2,672,904
4 Cogeneration (E)	16,007	16,007	16,007	16,007	13,322	13,322	16,007	16,007	16,007	16,007	13,322	16,007	184,029
5 Commercial Load Mgmt (D)	0	0	970	994	994	994	994	994	994	994	0	0	7,928
6 Commercial Lighting (E)	64,063	46,579	29,310	46,700	24,942	41,996	41,470	30,958	12,795	20,561	39,948	34,818	434,140
7 Standby Generator (D)	243,378	241,378	244,062	242,378	241,378	241,378	245,062	242,378	241,378	241,378	241,378	241,378	2,906,904
8 Conservation Value (E)	54,191	62,691	2,447	52,447	2,447	62,447	53,447	62,447	2,447	2,447	52,447	2,447	412,352
9 Duct Repair (E)	34,236	34,236	34,321	34,008	34,008	34,133	34,008	34,008	34,448	34,033	34,033	34,133	409,605
10 Renewable Energy Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
12 Industrial Load Management (D)	1,202,651	1,202,643	1,502,636	1,502,630	1,502,622	1,502,616	1,502,608	1,502,602	1,502,595	1,502,588	1,202,581	1,202,573	16,831,345
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)	3,342	11,530	3,152	13,548	6,713	11,714	4,839	6,713	11,103	4,839	6,713	6,713	90,919
15 Residential New Construction (E)	157,926	157,926	157,986	157,649	157,165	157,405	157,165	158,132	158,282	158,132	157,649	157,799	1,893,216
16 Common Expenses (D&E) (50% D, 50% E)	148,438	134,033	128,506	130,833	125,622	130,475	125,256	125,390	125,902	125,622	127,975	125,665	1,553,717
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	361,680	362,279	363,246	408,744	412,535	411,417	368,518	369,317	370,705	372,539	374,994	378,221	4,554,195
18 Residential Building Envelope Improvement (E)	205,063	205,088	205,865	204,827	204,812	204,739	204,399	204,314	205,894	204,984	205,886	205,196	2,461,067
19 Residential Electronic Commutated Motors (E)	20	20	155	20	20	20	20	20	20	260	20	20	615
20 Energy Education Outreach (E)	11,032	11,749	12,286	12,286	11,236	17,840	9,444	10,340	8,548	9,598	7,831	8,523	130,713
21 Residential Re-Commissioning (E)	2,219	2,219	2,219	1,976	1,976	1,976	1,976	2,219	2,219	2,219	1,976	1,976	25,170
22 Residential Low- Income Weatherization (E)	240,345	240,345	240,345	240,345	240,345	241,145	241,145	241,145	241,145	241,845	240,345	240,345	2,888,840
23 Commercial Duct Repair (E)	24,914	21,898	23,948	21,797	4,959	11,244	11,411	43,105	21,797	15,412	9,294	9,695	219,474
24 Commercial Energy Recovery Ventilation (E)	1,798	0	0	1,798	0	0	1,798	0	0	1,798	0	1,798	8,990
25 Commercial Building Envelope Improvement (E)	8,296	22,925	7,066	9,074	7,635	7,800	24,567	22,478	18,380	23,659	10,747	11,957	174,584
26 Commercial Energy Efficient Motors (E)	294	1	294	294	294	294	294	294	294	294	294	1	2,942
27 Commercial Demand Response (D)	302,784	302,784	302,784	302,784	302,784	302,784	302,784	302,784	302,784	302,784	302,784	302,784	3,633,408
28 Commercial Chiller Replacement (E)	1	3,787	1	7,661	72	7,594	4,094	4,062	2,226	3,855	7,645	2,226	43,224
29 Commercial Occupancy Sensors (Lighting) (E)	3,335	1,713	1,713	1,713	1,835	4,929	3,334	4,929	3,334	1,713	1,713	3,335	33,596
30 Commercial Refrigeration (Anti-Condensate) (E)	1,577	0	0	0	0	0	1,577	0	0	0	0	0	3,154
31 Commercial Water Heating (E)	0	0	0	0	0	868	0	0	0	0	0	0	868
32 Commercial HVAC Re-Commissioning (E)	9,113	8,613	8,613	8,613	8,613	8,613	8,613	8,613	8,613	8,613	8,613	8,613	103,856
33 Commercial Electronic Commutated Motors	0	428	428	428	428	428	428	428	428	428	428	278	4,558
34 Cool Roof (E)	23,281	11,898	11,898	34,663	23,281	23,281	34,663	11,898	23,281	57,428	68,810	81,145	405,527
35 Total All Programs	3,722,372	3,708,621	3,915,997	4,013,402	3,869,331	3,992,107	4,000,414	4,053,322	3,887,805	3,891,518	3,589,090	3,580,543	46,224,522
36 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Recoverable Conserv. Expenses	<u>3,722,372</u>	<u>3,708,621</u>	<u>3,915,997</u>	<u>4,013,402</u>	<u>3,869,331</u>	<u>3,992,107</u>	<u>4,000,414</u>	<u>4,053,322</u>	<u>3,887,805</u>	<u>3,891,518</u>	<u>3,589,090</u>	<u>3,580,543</u>	<u>46,224,522</u>
Summary of Demand & Energy													
Energy	1,417,900	1,423,451	1,339,460	1,424,512	1,292,020	1,423,058	1,460,720	1,525,851	1,369,478	1,383,160	1,389,985	1,391,109	16,840,707
Demand	<u>2,304,472</u>	<u>2,285,170</u>	<u>2,576,537</u>	<u>2,588,890</u>	<u>2,577,311</u>	<u>2,569,049</u>	<u>2,539,694</u>	<u>2,527,471</u>	<u>2,518,327</u>	<u>2,508,358</u>	<u>2,199,105</u>	<u>2,189,434</u>	<u>29,383,815</u>
Total Recoverable Conserv. Expenses	<u>3,722,372</u>	<u>3,708,621</u>	<u>3,915,997</u>	<u>4,013,402</u>	<u>3,869,331</u>	<u>3,992,107</u>	<u>4,000,414</u>	<u>4,053,322</u>	<u>3,887,805</u>	<u>3,891,518</u>	<u>3,589,090</u>	<u>3,580,543</u>	<u>46,224,522</u>

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TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2015 through December 2015

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	80,124	1,600	0	0	1,098,240	384	2,060	0	1,182,408
2 Prime Time (D)	0	251,222	12,744	705,600	0	1,977,708	0	3,000	0	2,950,274
3 Energy Audits (E)	0	1,645,925	51,600	83,203	692,003	0	119,650	80,523	0	2,672,904
4 Cogeneration (E)	0	182,829	0	0	0	0	1,200	0	0	184,029
5 Commercial Load Mgmt (D)	0	470	0	500	0	6,958	0	0	0	7,928
6 Commercial Lighting (E)	0	105,110	0	0	0	327,200	1,230	600	0	434,140
7 Standby Generator (D)	0	93,544	0	3,000	0	2,808,000	360	2,000	0	2,906,904
8 Conservation Value (E)	0	29,602	2,500	0	0	380,000	250	0	0	412,352
9 Duct Repair (E)	0	25,620	0	0	0	378,000	4,800	1,185	0	409,605
10 Renewable Energy Initiative (E)	0	30,888	0	271,536	0	0	744	0	(303,168)	0
11 Renewable Energy Systems Initiative (E)	0	0	0	0	0	0	0	0	0	0
12 Industrial Load Management (D)	14,041	16,104	0	0	0	16,800,000	1,200	0	0	16,831,345
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	17,809	0	0	0	72,810	300	0	0	90,919
15 Residential New Construction (E)	0	48,186	0	0	0	1,843,200	840	990	0	1,893,216
16 Common Expenses (D&E) (50% D, 50% E)	0	1,163,487	1,200	360,000	0	0	2,100	26,930	0	1,553,717
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,664,726	1,265,868	18,300	780,000	398,001	0	73,500	353,800	0	4,554,195
18 Residential Building Envelope Improvement (E)	0	174,771	3,450	0	0	2,258,976	13,845	10,025	0	2,461,067
19 Residential Electronic Commutated Motors (E)	0	240	105	0	0	270	0	0	0	615
20 Energy Education Outreach (E)	0	65,232	3,600	35,841	0	0	3,900	22,140	0	130,713
21 Residential Re-Commissioning (E)	0	7,440	300	3,510	0	13,500	0	420	0	25,170
22 Residential Low- Income Weatherization (E)	0	167,748	0	363,000	0	2,334,192	6,800	17,100	0	2,888,840
23 Commercial Duct Repair (E)	0	66,324	0	0	0	150,150	2,400	600	0	219,474
24 Commercial Energy Recovery Ventilation (E)	0	840	0	0	0	8,100	50	0	0	8,990
25 Commercial Building Envelope Improvement (E)	0	47,321	0	0	0	126,043	970	250	0	174,584
26 Commercial Energy Efficient Motors (E)	0	1,692	0	0	0	1,000	250	0	0	2,942
27 Commercial Demand Response (D)	0	32,208	0	3,600,000	0	0	1,200	0	0	3,633,408
28 Commercial Chiller Replacement (E)	0	3,999	0	0	0	39,000	225	0	0	43,224
29 Commercial Occupancy Sensors (Lighting) (E)	0	3,296	0	0	0	30,000	0	300	0	33,596
30 Commercial Refrigeration (Anti-Condensate) (E)	0	134	0	0	0	3,000	20	0	0	3,154
31 Commercial Water Heating (E)	0	168	0	0	0	700	0	0	0	868
32 Commercial HVAC Re-Commissioning (E)	0	37,056	0	6,000	0	60,000	300	500	0	103,856
33 Commercial Electronic Commutated Motors	0	1,848	0	1,100	0	1,500	110	0	0	4,558
34 Cool Roof (E)	0	54,327	0	0	0	350,000	1,200	0	0	405,527
35 Total All Programs	<u>1,678,767</u>	<u>5,621,432</u>	<u>95,399</u>	<u>6,213,290</u>	<u>1,090,004</u>	<u>31,068,547</u>	<u>237,828</u>	<u>522,423</u>	<u>(303,168)</u>	<u>46,224,522</u>
Summary of Demand & Energy										
Energy	832,363	4,013,206	72,905	1,334,190	891,003	9,475,881	197,268	327,058	(303,168)	16,840,706
Demand	<u>846,404</u>	<u>1,608,226</u>	<u>22,494</u>	<u>4,879,100</u>	<u>199,001</u>	<u>21,592,666</u>	<u>40,560</u>	<u>195,365</u>	<u>0</u>	<u>29,383,816</u>
Total All Programs	<u>1,678,767</u>	<u>5,621,432</u>	<u>95,399</u>	<u>6,213,290</u>	<u>1,090,004</u>	<u>31,068,547</u>	<u>237,828</u>	<u>522,423</u>	<u>(303,168)</u>	<u>46,224,522</u>

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2015 through December 2015

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	2,160,000
2. Retirements		250,069	99,373	217,670	103,400	173,942	79,673	138,754	183,368	79,464	116,877	15,480	10,070	1,468,141
3. Depreciation Base		6,337,588	6,418,215	6,380,545	6,457,145	6,463,203	6,563,530	6,604,776	6,601,408	6,701,944	6,765,067	6,929,587	7,099,517	
4. Depreciation Expense		<u>106,210</u>	<u>106,298</u>	<u>106,656</u>	<u>106,981</u>	<u>107,670</u>	<u>108,556</u>	<u>109,736</u>	<u>110,052</u>	<u>110,861</u>	<u>112,225</u>	<u>114,122</u>	<u>116,909</u>	<u>1,316,276</u>
5. Cumulative Investment	6,407,657	6,337,588	6,418,215	6,380,545	6,457,145	6,463,203	6,563,530	6,604,776	6,601,408	6,701,944	6,765,067	6,929,587	7,099,517	7,099,517
6. Less: Accumulated Depreciation	3,018,837	<u>2,874,978</u>	<u>2,881,903</u>	<u>2,770,889</u>	<u>2,774,470</u>	<u>2,708,198</u>	<u>2,737,081</u>	<u>2,708,063</u>	<u>2,634,747</u>	<u>2,666,144</u>	<u>2,661,492</u>	<u>2,760,134</u>	<u>2,866,973</u>	<u>2,866,973</u>
7. Net Investment	<u>3,388,820</u>	<u>3,462,610</u>	<u>3,536,312</u>	<u>3,609,656</u>	<u>3,682,675</u>	<u>3,755,005</u>	<u>3,826,449</u>	<u>3,896,713</u>	<u>3,966,661</u>	<u>4,035,800</u>	<u>4,103,575</u>	<u>4,169,453</u>	<u>4,232,544</u>	<u>4,232,544</u>
8. Average Investment		3,425,715	3,499,461	3,572,984	3,646,166	3,718,840	3,790,727	3,861,581	3,931,687	4,001,231	4,069,688	4,136,514	4,200,999	
9. Return on Average Investment - Equity Component		20,224	20,660	21,094	21,526	21,955	22,379	22,797	23,211	23,622	24,026	24,421	24,801	270,716
10. Return on Average Investment - Debt Component		<u>5,807</u>	<u>5,932</u>	<u>6,057</u>	<u>6,181</u>	<u>6,304</u>	<u>6,426</u>	<u>6,546</u>	<u>6,665</u>	<u>6,783</u>	<u>6,899</u>	<u>7,012</u>	<u>7,122</u>	<u>77,734</u>
11. Total Depreciation and Return		<u>132,241</u>	<u>132,890</u>	<u>133,807</u>	<u>134,688</u>	<u>135,929</u>	<u>137,361</u>	<u>139,079</u>	<u>139,928</u>	<u>141,266</u>	<u>143,150</u>	<u>145,555</u>	<u>148,832</u>	<u>1,664,726</u>

NOTES:

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

Line 9 x 7.0844% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).

Line 10 x 2.0343% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2015 through December 2015

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		55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	
4. Depreciation Expense		<u>919</u>	<u>11,028</u>											
5. Cumulative Investment	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126
6. Less: Accumulated Depreciation	16,569	<u>17,488</u>	<u>18,407</u>	<u>19,326</u>	<u>20,245</u>	<u>21,164</u>	<u>22,083</u>	<u>23,002</u>	<u>23,921</u>	<u>24,840</u>	<u>25,759</u>	<u>26,678</u>	<u>27,597</u>	<u>27,597</u>
7. Net Investment	<u>38,557</u>	<u>37,638</u>	<u>36,719</u>	<u>35,800</u>	<u>34,881</u>	<u>33,962</u>	<u>33,043</u>	<u>32,124</u>	<u>31,205</u>	<u>30,286</u>	<u>29,367</u>	<u>28,448</u>	<u>27,529</u>	<u>27,529</u>
8. Average Investment		38,098	37,179	36,260	35,341	34,422	33,503	32,584	31,665	30,746	29,827	28,908	27,989	
9. Return on Average Investment - Equity Component		225	219	214	209	203	198	192	187	182	176	171	165	2,341
10. Return on Average Investment - Debt Component		<u>65</u>	<u>63</u>	<u>61</u>	<u>60</u>	<u>58</u>	<u>57</u>	<u>55</u>	<u>54</u>	<u>52</u>	<u>51</u>	<u>49</u>	<u>47</u>	<u>672</u>
11. Total Depreciation and Return		<u>1,209</u>	<u>1,201</u>	<u>1,194</u>	<u>1,188</u>	<u>1,180</u>	<u>1,174</u>	<u>1,166</u>	<u>1,160</u>	<u>1,153</u>	<u>1,146</u>	<u>1,139</u>	<u>1,131</u>	<u>14,041</u>

NOTES:

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

Line 9 x 7.0844% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).

Line 10 x 2.0343% x 1/12 (Jan-Dec).

DOCKET NO. 140002-EG
ECCR 2015 PROJECTION
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TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2014 through July 2014
Projected for Months August 2014 through December 2014

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1	Heating & Cooling										
2	Actual	0	31,582	0	0	0	561,300	185	1,994	0	595,061
3	Projected	0	<u>32,608</u>	0	0	0	<u>577,800</u>	<u>192</u>	<u>1,065</u>	0	<u>611,665</u>
4	Total	0	64,190	0	0	0	1,139,100	377	3,059	0	1,206,726
5	Prime Time										
6	Actual	0	89,078	6,755	518,523	0	2,179,432	1,512	22,040	0	2,817,340
7	Projected	0	<u>144,385</u>	<u>6,551</u>	<u>419,538</u>	0	<u>1,574,852</u>	<u>252</u>	<u>4,714</u>	0	<u>2,150,292</u>
8	Total	0	233,463	13,306	938,061	0	3,754,284	1,764	26,754	0	4,967,632
9	Energy Audits										
10	Actual	0	586,401	11,776	87,614	209,338	0	51,997	36,499	(225)	983,400
11	Projected	0	<u>777,452</u>	<u>6,744</u>	<u>48,511</u>	<u>422,634</u>	0	<u>54,162</u>	<u>25,570</u>	0	<u>1,335,073</u>
12	Total	0	1,363,853	18,520	136,125	631,972	0	106,159	62,069	(225)	2,318,473
13	Cogeneration										
14	Actual	0	57,170	0	0	0	0	167	670	0	58,007
15	Projected	0	<u>81,066</u>	0	<u>500</u>	0	0	0	0	0	<u>81,566</u>
16	Total	0	138,236	0	500	0	0	167	670	0	139,573
17	Commercial Load Management										
18	Actual	0	150	0	0	0	2,982	0	74	0	3,206
19	Projected	0	<u>47</u>	0	<u>244</u>	0	<u>3,976</u>	0	0	0	<u>4,267</u>
20	Total	0	197	0	244	0	6,958	0	74	0	7,473
21	Commercial Lighting										
22	Actual	0	28,205	111	0	0	511,905	356	74	0	540,651
23	Projected	0	<u>37,397</u>	0	0	0	<u>229,317</u>	<u>715</u>	<u>250</u>	0	<u>267,679</u>
24	Total	0	65,602	111	0	0	741,222	1,071	324	0	808,330
25	Standby Generator										
26	Actual	0	14,164	0	0	800	1,457,207	125	918	0	1,473,214
27	Projected	0	<u>30,896</u>	0	0	0	<u>1,400,670</u>	<u>100</u>	0	0	<u>1,431,666</u>
28	Total	0	45,060	0	0	800	2,857,877	225	918	0	2,904,880
29	Conservation Value										
30	Actual	0	12,508	5,116	0	0	101,415	59	345	0	119,443
31	Projected	0	<u>6,467</u>	0	0	0	<u>100,002</u>	<u>125</u>	0	0	<u>106,594</u>
32	Total	0	18,975	5,116	0	0	201,417	184	345	0	226,037
33	Duct Repair										
34	Actual	0	13,966	344	0	0	161,882	2,426	6,253	0	184,871
35	Projected	0	<u>12,782</u>	<u>3,884</u>	<u>150</u>	0	<u>191,148</u>	<u>2,388</u>	<u>1,352</u>	0	<u>211,704</u>
36	Total	0	26,748	4,228	150	0	353,030	4,814	7,605	0	396,575
37	Renewable Energy Initiative										
38	Actual	0	12,258	350	111,656	(213)	0	71	10,085	(134,207)	0
39	Projected	0	<u>14,574</u>	0	<u>202,536</u>	0	0	<u>310</u>	<u>301</u>	<u>(217,721)</u>	0
40	Total	0	26,832	350	314,192	(213)	0	381	10,386	(351,928)	0
41	Renewable Energy Systems Initiative										
42	Actual	0	42,270	0	29,641	0	877,456	144	0	0	949,511
43	Projected	0	<u>43,913</u>	0	<u>114,167</u>	0	<u>354,690</u>	<u>1,660</u>	2	0	<u>514,432</u>
44	Total	0	86,183	0	143,808	0	1,232,146	1,804	2	0	1,463,943
45	Industrial Load Management										
46	Actual	7,723	8,195	0	0	0	8,907,681	69	0	0	8,923,668
47	Projected	<u>7,397</u>	<u>8,568</u>	0	0	0	<u>8,211,869</u>	<u>553</u>	0	0	<u>8,228,387</u>
48	Total	15,120	16,763	0	0	0	17,119,550	622	0	0	17,152,055
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	10,864	111	90	0	23,427	16	74	0	34,582
55	Projected	0	<u>9,706</u>	0	0	0	<u>27,764</u>	<u>125</u>	0	0	<u>37,595</u>
56	Total	0	20,570	111	90	0	51,191	141	74	0	72,177
57	Residential New Construction										
58	Actual	0	20,433	0	0	0	759,500	375	1,782	0	782,090
59	Projected	0	<u>19,106</u>	0	0	0	<u>958,275</u>	<u>530</u>	<u>41</u>	0	<u>977,952</u>
60	Total	0	39,539	0	0	0	1,717,775	905	1,823	0	1,760,042
61	Common Expenses										
62	Actual	0	462,989	13,570	145,526	0	0	1,089	34,675	0	657,849
63	Projected	0	<u>645,544</u>	<u>2,358</u>	<u>498,952</u>	0	0	<u>1,835</u>	<u>37,837</u>	0	<u>1,186,526</u>
64	Total	0	1,108,533	15,928	644,478	0	0	2,924	72,512	0	1,844,375
65	Price Responsive Load Management										
66	Actual	696,042	439,931	7,611	283,025	255,021	0	36,894	181,252	0	1,899,776
67	Projected	<u>768,194</u>	<u>578,448</u>	<u>16,295</u>	<u>292,928</u>	<u>132,824</u>	0	<u>36,719</u>	<u>178,320</u>	0	<u>2,003,728</u>
68	Total	1,464,236	1,018,379	23,906	575,953	387,845	0	73,613	359,572	0	3,903,504
69	Residential Building Envelope Improvement										
70	Actual	0	73,066	816	67	0	1,018,438	3,119	3,347	0	1,098,853
71	Projected	0	<u>80,852</u>	<u>100</u>	<u>400</u>	0	<u>1,147,170</u>	<u>3,448</u>	<u>4,425</u>	0	<u>1,236,395</u>
72	Total	0	153,918	916	467	0	2,165,608	6,567	7,772	0	2,335,248

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TAMPA ELECTRIC COMPANY
 Conservation Program Costs Continued

Actual for Months January 2014 through July 2014
 Projected for Months August 2014 through December 2014

	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	501	0	0	0	0	0	0	0	501
75	Projected	0	136	0	105	0	270	0	0	0	511
76	Total	0	637	0	105	0	270	0	0	0	1,012
77	Energy Education Outreach										
78	Actual	0	20,399	4,464	15,744	0	0	722	10,232	0	51,561
79	Projected	0	22,635	323	15,322	0	0	1,500	5,100	0	44,880
80	Total	0	43,034	4,787	31,066	0	0	2,222	15,332	0	96,441
81	Residential Re-Commissioning										
82	Actual	0	2,919	0	2,720	0	3,300	43	563	0	9,545
83	Projected	0	802	0	1,170	0	4,575	109	480	0	7,136
84	Total	0	3,721	0	3,890	0	7,875	152	1,043	0	16,681
85	Residential Low- Income Weatherization										
86	Actual	0	70,878	502	421,658	0	719,901	2,595	17,959	0	1,233,493
87	Projected	0	80,844	0	330,378	0	1,112,961	5,545	9,364	0	1,539,092
88	Total	0	151,722	502	752,036	0	1,832,862	8,140	27,323	0	2,772,585
89	Commercial Duct Repair										
90	Actual	0	12,729	0	0	0	25,500	39	74	0	38,342
91	Projected	0	43,855	0	0	0	120,600	1,000	250	0	165,705
92	Total	0	56,584	0	0	0	146,100	1,039	324	0	204,047
93	Commercial Energy Recovery Ventilation										
94	Actual	0	0	0	0	0	0	0	0	0	0
95	Projected	0	336	0	0	0	3,240	20	0	0	3,596
96	Total	0	336	0	0	0	3,240	20	0	0	3,596
97	Commercial Building Envelope Improvement										
98	Actual	0	13,678	111	0	0	53,518	209	148	0	67,664
99	Projected	0	17,760	0	0	0	60,444	511	125	0	78,840
100	Total	0	31,438	111	0	0	113,962	720	273	0	146,504
101	Commercial Energy Efficient Motors										
102	Actual	0	345	0	0	0	540	0	74	0	959
103	Projected	0	672	0	0	0	400	100	0	0	1,172
104	Total	0	1,017	0	0	0	940	100	74	0	2,131
105	Commercial Demand Response										
106	Actual	0	8,998	0	1,731,038	0	0	0	1,717	0	1,741,753
107	Projected	0	22,477	0	1,648,633	0	0	500	0	0	1,671,610
108	Total	0	31,475	0	3,379,671	0	0	500	1,717	0	3,413,363
109	Commercial Chiller Replacement										
110	Actual	0	819	111	0	0	6,486	0	74	0	7,490
111	Projected	0	1,883	0	0	0	23,500	125	0	0	25,508
112	Total	0	2,702	111	0	0	29,986	125	74	0	32,998
113	Commercial Occupancy Sensors (Lighting)										
114	Actual	0	664	111	0	0	32,450	6	74	0	33,305
115	Projected	0	2,114	0	0	0	13,700	0	125	0	15,939
116	Total	0	2,778	111	0	0	46,150	6	199	0	49,244
117	Commercial Refrigeration (Anti-Condensate)										
118	Actual	0	0	0	0	0	0	0	0	0	0
119	Projected	0	0	0	0	0	0	0	0	0	0
120	Total	0	0	0	0	0	0	0	0	0	0
121	Commercial Water Heating										
122	Actual	0	109	0	0	0	0	0	74	0	183
123	Projected	0	0	0	0	0	0	0	0	0	0
124	Total	0	109	0	0	0	0	0	74	0	183
125	Commercial HVAC Re-commissioning										
126	Actual	0	7,764	259	390	0	3,163	93	738	0	12,407
127	Projected	0	16,682	0	2,500	0	25,000	125	0	0	44,307
128	Total	0	24,446	259	2,890	0	28,163	218	738	0	56,714
129	Commercial Electronic Commutated Motors										
130	Actual	0	0	0	0	0	0	0	0	0	0
131	Projected	0	840	0	500	0	600	50	0	0	1,990
132	Total	0	840	0	500	0	600	50	0	0	1,990
133	Cool Roof										
134	Actual	0	20,547	0	90	0	158,474	221	467	0	179,799
135	Projected	0	35,758	0	0	0	258,137	574	0	0	294,469
136	Total	0	56,305	0	90	0	416,611	795	467	0	474,268
137	Total All Programs	1,479,356	4,834,185	88,373	6,924,316	1,020,404	33,966,917	215,805	601,597	(352,153)	48,778,800

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2014 through July 2014
Projected for Months August 2014 through December 2014

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		159,812	169,050	135,859	148,364	142,669	146,144	165,277	180,000	180,000	180,000	180,000	180,000	1,967,174
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		5,371,071	5,540,121	5,669,135	5,817,018	5,872,114	5,948,516	6,113,252	6,196,197	6,327,439	6,317,576	6,300,865	6,407,657	
4. Depreciation Expense		<u>88,186</u>	<u>90,927</u>	<u>93,410</u>	<u>95,718</u>	<u>97,409</u>	<u>98,505</u>	<u>100,515</u>	<u>102,579</u>	<u>104,364</u>	<u>105,375</u>	<u>105,154</u>	<u>105,904</u>	<u>1,188,046</u>
5. Cumulative Investment	5,211,259	5,371,071	5,540,121	5,669,135	5,817,018	5,872,114	5,948,516	6,113,252	6,196,197	6,327,439	6,317,576	6,300,865	6,407,657	6,407,657
6. Less: Accumulated Depreciation	2,601,566	<u>2,689,752</u>	<u>2,780,679</u>	<u>2,867,244</u>	<u>2,962,482</u>	<u>2,972,319</u>	<u>3,001,082</u>	<u>3,101,056</u>	<u>3,106,580</u>	<u>3,162,186</u>	<u>3,077,698</u>	<u>2,986,141</u>	<u>3,018,837</u>	<u>3,018,837</u>
7. Net Investment	<u>2,609,693</u>	<u>2,681,319</u>	<u>2,759,442</u>	<u>2,801,891</u>	<u>2,854,536</u>	<u>2,899,795</u>	<u>2,947,434</u>	<u>3,012,196</u>	<u>3,089,617</u>	<u>3,165,253</u>	<u>3,239,878</u>	<u>3,314,724</u>	<u>3,388,820</u>	<u>3,388,820</u>
8. Average Investment		2,645,506	2,720,381	2,780,667	2,828,214	2,877,166	2,923,615	2,979,815	3,050,907	3,127,435	3,202,566	3,277,301	3,351,772	
9. Return on Average Investment - Equity Component		15,926	16,377	16,740	17,026	17,321	17,601	17,592	18,012	18,463	18,907	19,348	19,788	213,101
10. Return on Average Investment - Debt Component		<u>4,872</u>	<u>5,010</u>	<u>5,121</u>	<u>5,209</u>	<u>5,299</u>	<u>5,385</u>	<u>5,052</u>	<u>5,172</u>	<u>5,302</u>	<u>5,429</u>	<u>5,556</u>	<u>5,682</u>	<u>63,089</u>
Total Depreciation and Return		<u>108,984</u>	<u>112,314</u>	<u>115,271</u>	<u>117,953</u>	<u>120,029</u>	<u>121,491</u>	<u>123,159</u>	<u>125,763</u>	<u>128,129</u>	<u>129,711</u>	<u>130,058</u>	<u>131,374</u>	<u>1,464,236</u>

NOTES:

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

Line 9 x 7.0844% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).

Line 10 x 2.0343% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2014 through July 2014
Projected for Months August 2014 through December 2014

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	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		55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	
4. Depreciation Expense		<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>919</u>	<u>11,028</u>
5. Cumulative Investment	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126	55,126
6. Less: Accumulated Depreciation	5,541	<u>6,460</u>	<u>7,379</u>	<u>8,298</u>	<u>9,217</u>	<u>10,136</u>	<u>11,055</u>	<u>11,974</u>	<u>12,893</u>	<u>13,812</u>	<u>14,731</u>	<u>15,650</u>	<u>16,569</u>	<u>16,569</u>
7. Net Investment	<u>49,585</u>	<u>48,666</u>	<u>47,747</u>	<u>46,828</u>	<u>45,909</u>	<u>44,990</u>	<u>44,071</u>	<u>43,152</u>	<u>42,233</u>	<u>41,314</u>	<u>40,395</u>	<u>39,476</u>	<u>38,557</u>	<u>38,557</u>
8. Average Investment		49,126	48,207	47,288	46,369	45,450	44,531	43,612	42,693	41,774	40,855	39,936	39,017	
9. Return on Average Investment - Equity Component		296	290	285	279	274	268	257	252	247	241	236	230	3,155
10. Return on Average Investment - Debt Component		<u>90</u>	<u>89</u>	<u>87</u>	<u>85</u>	<u>84</u>	<u>82</u>	74	72	71	69	68	66	<u>937</u>
Total Depreciation and Return		<u>1,305</u>	<u>1,298</u>	<u>1,291</u>	<u>1,283</u>	<u>1,277</u>	<u>1,269</u>	<u>1,250</u>	<u>1,243</u>	<u>1,237</u>	<u>1,229</u>	<u>1,223</u>	<u>1,215</u>	<u>15,120</u>

NOTES:

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

Line 9 x 7.0844% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).

Line 10 x 2.0343% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2014 through July 2014
Projected for Months August 2014 through December 2014

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	90,266	82,909	110,154	88,809	99,908	123,015	126,552	95,813	95,813	97,917	99,174	96,396	1,206,726
2 Prime Time	553,487	533,389	485,480	396,025	425,446	423,513	391,080	375,963	366,063	350,780	338,742	327,664	4,967,632
3 Energy Audits	81,073	130,316	130,566	279,155	220,176	142,114	223,200	293,350	225,074	200,062	171,168	222,219	2,318,473
4 Cogeneration	7,135	9,572	11,072	10,996	12,085	7,147	8,142	14,148	14,148	14,148	14,148	16,832	139,573
5 Commercial Load Mgmt	0	0	224	0	1,988	994	1,285	994	994	994	0	0	7,473
6 Commercial Lighting	24,948	155,264	75,447	226,794	26,849	31,349	26,188	35,779	76,884	37,340	46,725	44,763	808,330
7 Standby Generator	257,750	234,819	264,379	248,839	235,232	232,195	231,536	240,026	240,026	240,026	240,026	240,026	2,904,880
8 Conservation Value	1,477	105,672	2,386	6,230	2,555	1,123	1,049	1,099	1,099	101,125	1,123	1,099	226,037
9 Duct Repair	35,899	25,413	32,841	26,543	25,591	38,584	41,350	34,032	33,862	34,240	34,270	33,950	396,575
10 Renewable Energy Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative	10,543	272,791	452,406	6,914	170,329	36,528	31,105	130,665	130,665	130,665	45,666	45,666	1,463,943
12 Industrial Load Management	1,492,142	1,512,019	1,492,658	1,534,936	1,156,285	1,735,628	1,315,030	1,502,685	1,502,679	1,502,671	1,202,665	1,202,657	17,152,055
13 DSM R&D	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Commercial Cooling	1,651	18,834	5,509	1,792	3,400	3,396	3,398	5,867	12,351	4,245	5,867	5,867	72,177
15 Residential New Construction	260,066	103,082	93,803	107,995	151,831	65,313	77,529	179,485	179,824	180,597	180,597	179,920	1,760,042
16 Common Expenses	132,899	86,574	85,636	106,661	139,934	106,145	92,856	212,007	218,351	224,851	224,651	213,810	1,844,375
17 Price Responsive Load Mgmt	395,253	314,308	358,186	261,132	307,468	263,429	299,093	337,663	340,079	341,611	342,008	343,274	3,903,504
18 Residential Building Envelope Improvement	141,921	152,699	196,122	149,438	269,641	189,032	232,725	199,286	199,748	202,117	202,075	200,444	2,335,248
19 Residential Electronic Commutated Motors	42	93	70	70	154	72	88	0	264	0	0	159	1,012
20 Energy Education Outreach	2,890	6,871	8,163	6,564	7,372	19,701	4,190	10,130	9,413	7,621	6,263	7,263	96,441
21 Residential Re-Commissioning	1,034	1,266	1,607	1,430	3,357	851	1,676	642	642	1,392	1,392	1,392	16,681
22 Residential Low- Income Weatherization	173,900	141,756	127,079	262,207	187,250	341,301	196,390	275,130	275,130	280,894	277,894	233,654	2,772,585
23 Commercial Duct Repair	4,787	8,968	5,805	6,913	4,893	6,976	1,745	31,707	19,608	15,833	39,257	57,555	204,047
24 Commercial Energy Recovery Ventilation	0	0	0	0	0	0	0	0	0	1,798	0	1,798	3,596
25 Commercial Building Envelope Improvement	4,184	27,122	13,032	6,915	8,281	8,130	4,031	21,017	13,480	24,367	7,295	8,650	146,504
26 Commercial Energy Efficient Motors	47	95	121	47	0	649	0	293	293	293	293	0	2,131
27 Commercial Demand Response	278,126	31,454	1,671	1,339	1,225,942	203,221	209,638	285,468	295,468	295,468	292,784	292,784	3,413,363
28 Commercial Chiller Replacement	0	0	2,118	111	430	4,831	0	7,550	2,228	4,356	9,146	2,228	32,998
29 Commercial Occupancy Sensors (Lighting)	13,845	13,056	4,495	1,556	299	54	1,267	1,193	3,061	2,461	3,195	4,762	49,244
30 Commercial Refrigeration (Anti-Condensate)	0	0	0	0	0	0	0	0	0	0	0	0	0
31 Commercial Water Heating	0	0	74	0	0	109	0	0	0	0	0	0	183
32 Commercial HVAC Re-Commissioning	4,578	1,373	2,020	1,318	1,871	1,247	1,247	8,612	8,612	8,612	8,612	8,612	56,714
33 Commercial Electronic Commutated Motors	0	0	0	0	0	0	0	428	428	428	428	278	1,990
34 Cool Roof	60,375	2,543	16,705	40,300	48,284	11,592	37,713	12,970	17,053	57,884	78,300	90,549	474,268
35 Total	4,030,318	3,972,258	3,979,829	3,781,029	4,736,851	3,998,239	3,560,103	4,314,002	4,283,340	4,364,796	3,873,764	3,884,271	48,778,800
36 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Recoverable Conservation Expenses	<u>4,030,318</u>	<u>3,972,258</u>	<u>3,979,829</u>	<u>3,781,029</u>	<u>4,736,851</u>	<u>3,998,239</u>	<u>3,560,103</u>	<u>4,314,002</u>	<u>4,283,340</u>	<u>4,364,796</u>	<u>3,873,764</u>	<u>3,884,271</u>	<u>48,778,800</u>

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TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2014 through July 2014
Projected for Months August 2014 through December 2014

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>3,731,048</u>	<u>3,718,416</u>	<u>3,401,290</u>	<u>3,411,799</u>	<u>3,981,359</u>	<u>4,606,008</u>	<u>4,818,485</u>	<u>4,590,986</u>	<u>4,701,777</u>	<u>4,283,852</u>	<u>3,701,927</u>	<u>3,578,987</u>	<u>48,525,934</u>
3. Total Revenues	3,731,048	3,718,416	3,401,290	3,411,799	3,981,359	4,606,008	4,818,485	4,590,986	4,701,777	4,283,852	3,701,927	3,578,987	48,525,934
4. Prior Period True-up	<u>456,393</u>	<u>456,393</u>	<u>456,393</u>	<u>456,398</u>	<u>5,476,721</u>								
5. Conservation Revenue Applicable to Period	4,187,441	4,174,809	3,857,683	3,868,192	4,437,752	5,062,401	5,274,878	5,047,379	5,158,170	4,740,245	4,158,320	4,035,385	54,002,655
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>4,030,318</u>	<u>3,972,258</u>	<u>3,979,829</u>	<u>3,781,029</u>	<u>4,736,851</u>	<u>3,998,239</u>	<u>3,560,103</u>	<u>4,314,002</u>	<u>4,283,340</u>	<u>4,364,796</u>	<u>3,873,764</u>	<u>3,884,271</u>	<u>48,778,800</u>
7. True-up This Period (Line 5 - Line 6)	157,123	202,551	(122,146)	87,163	(299,099)	1,064,162	1,714,775	733,377	874,830	375,449	284,556	151,114	5,223,855
8. Interest Provision This Period (C-3, Page 6, Line 10)	320	253	232	250	180	141	223	418	613	747	843	807	5,027
9. True-up & Interest Provision Beginning of Period	5,476,721	5,177,771	4,924,182	4,345,875	3,976,895	3,221,583	3,829,493	5,088,098	5,365,500	5,784,550	5,704,353	5,533,359	5,476,721
10. Prior Period True-up Collected/(Refunded)	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,393)</u>	<u>(456,398)</u>	<u>(5,476,721)</u>								
11. End of Period Total - Over/(Under) Recovered	<u>5,177,771</u>	<u>4,924,182</u>	<u>4,345,875</u>	<u>3,976,895</u>	<u>3,221,583</u>	<u>3,829,493</u>	<u>5,088,098</u>	<u>5,365,500</u>	<u>5,784,550</u>	<u>5,704,353</u>	<u>5,533,359</u>	<u>5,228,882</u>	<u>5,228,882</u>

Previous EOP Change
* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	32,613,095	0.63	3,294,196
Energy	<u>19,076,284</u>	<u>0.37</u>	<u>1,934,686</u>
Total	<u>51,689,379</u>	<u>1.00</u>	<u>5,228,882</u>

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TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2014 through July 2014
Projected for Months August 2014 through December 2014

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)	\$5,476,721	\$5,177,771	\$4,924,182	\$4,345,875	\$3,976,895	\$3,221,583	\$3,829,493	\$5,088,098	\$5,365,500	\$5,784,550	\$5,704,353	\$5,533,359	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>5,177,451</u>	<u>4,923,929</u>	<u>4,345,643</u>	<u>3,976,645</u>	<u>3,221,403</u>	<u>3,829,352</u>	<u>5,087,875</u>	<u>5,365,082</u>	<u>5,783,937</u>	<u>5,703,606</u>	<u>5,532,516</u>	<u>5,228,075</u>	
3. Total Beginning & Ending True-up	<u>\$10,654,172</u>	<u>\$10,101,700</u>	<u>\$9,269,825</u>	<u>\$8,322,520</u>	<u>\$7,198,298</u>	<u>\$7,050,935</u>	<u>\$8,917,368</u>	<u>\$10,453,180</u>	<u>\$11,149,437</u>	<u>\$11,488,156</u>	<u>\$11,236,869</u>	<u>\$10,761,434</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$5,327,086</u>	<u>\$5,050,850</u>	<u>\$4,634,913</u>	<u>\$4,161,260</u>	<u>\$3,599,149</u>	<u>\$3,525,468</u>	<u>\$4,458,684</u>	<u>\$5,226,590</u>	<u>\$5,574,719</u>	<u>\$5,744,078</u>	<u>\$5,618,435</u>	<u>\$5,380,717</u>	
5. Interest Rate - First Day of Month	<u>0.080%</u>	0.070%	0.060%	0.070%	0.080%	0.040%	0.060%	0.060%	0.130%	0.130%	0.180%	0.180%	
6. Interest Rate - First Day of Next Month	<u>0.070%</u>	<u>0.060%</u>	<u>0.070%</u>	<u>0.080%</u>	<u>0.040%</u>	<u>0.060%</u>	<u>0.060%</u>	<u>0.130%</u>	<u>0.130%</u>	<u>0.180%</u>	<u>0.180%</u>	<u>0.180%</u>	
7. Total (Line 5 + Line 6)	<u>0.150%</u>	<u>0.130%</u>	<u>0.130%</u>	<u>0.150%</u>	<u>0.120%</u>	<u>0.100%</u>	<u>0.120%</u>	<u>0.190%</u>	<u>0.260%</u>	<u>0.310%</u>	<u>0.360%</u>	<u>0.360%</u>	
8. Average Interest Rate (50% of Line 7)	<u>0.075%</u>	<u>0.065%</u>	<u>0.065%</u>	<u>0.075%</u>	<u>0.060%</u>	<u>0.050%</u>	<u>0.060%</u>	<u>0.095%</u>	<u>0.130%</u>	<u>0.155%</u>	<u>0.180%</u>	<u>0.180%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.006%</u>	<u>0.005%</u>	<u>0.005%</u>	<u>0.006%</u>	<u>0.005%</u>	<u>0.004%</u>	<u>0.005%</u>	<u>0.008%</u>	<u>0.011%</u>	<u>0.013%</u>	<u>0.015%</u>	<u>0.015%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$320</u>	<u>\$253</u>	<u>\$232</u>	<u>\$250</u>	<u>\$180</u>	<u>\$141</u>	<u>\$223</u>	<u>\$418</u>	<u>\$613</u>	<u>\$747</u>	<u>\$843</u>	<u>\$807</u>	<u>\$5,027</u>

C-4
 Page 1 of 1

TAMPA ELECTRIC COMPANY
 Energy Conservation
 Calculation of Conservation Revenues

Actual for Months January 2014 through July 2014
 Projected for Months August 2014 through December 2014

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,423,894	-	3,731,048
February	1,371,917	-	3,718,416
March	1,275,956	-	3,401,290
April	1,290,230	-	3,411,799
May	1,515,132	-	3,981,359
June	1,773,051	-	4,606,008
July	1,854,062	-	4,818,485
August	1,766,968	-	4,590,986
September	1,827,509	-	4,701,777
October	1,635,978	-	4,283,852
November	1,398,111	-	3,701,927
December	1,359,760	-	3,578,987
Total	<u>18,492,567</u>	<u>0</u>	<u>48,525,935</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, 2014 to December 31, 2014

During this period, there are 3,879 units projected to be installed and approved.

January 1, 2015 to December 31, 2015

During this period, there are 3,840 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$1,206,726.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$1,182,408.

Program Progress

Summary:

Through December 31, 2013, there were 184,855 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, 2014 to December 31, 2014

During this period, there are 26,732 projected customers for this program on a cumulative basis.

January 1, 2015 to December 31, 2015

During this period, there are 14,732 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$4,967,632.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$2,950,274.

Program Progress Summary:

There were 37,482 cumulative customers participating through December 31, 2013.

Breakdown is as follows:

Water Heating	34,126
Air Conditioning	25,178
Heating	26,246
Pool Pump	7,950

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, 2014 to December 31, 2014

Residential – 9,049 (RCS - 0; Free – 7,911; On-line – 1,128, Phone-in 10)

Comm/Ind – 811 (Paid - 9; Free – 802)

January 1, 2015 to December 31, 2015

Residential – 9,790 (RCS - 0; Free – 8,400; On-line – 1,370, Phone-in 20)

Comm/Ind – 888 (Paid - 6 Free – 882)

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$2,318,473.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$2,672,904.

Program Progress Summary:

Through December 31, 2013 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	289,808
Residential Cust. Assisted ⁽¹⁾	119,876
Commercial-Ind (Fee)	229
Commercial-Ind (Free)	21,808
Commercial Mail-in	1,477

⁽¹⁾ Includes Mail-in and On-line audits. Residential and Commercial Mail-in audit program was retired 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, 2014 to December 31, 2014

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. There are no new cogeneration facility additions expected.

January 1, 2015 to December 31, 2015

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. Tampa Electric will continue working with customers to evaluate the economics of additional capacity in future years.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$139,573.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$184,029.

Program Progress Summary:

The projected total maximum generation by electrically interconnected cogeneration during 2014 will be approximately 362 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 separate locations with cogeneration on-line in Tampa Electric's service area.

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, 2014 to December 31, 2014

During this period, there are no new installations expected.

January 1, 2015 to December 31, 2015

During this period, there are no new installations expected.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$7,473.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$7,928.

Program Progress Summary:

Through December 31, 2013 there were six 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, 2014 to December 31, 2014

During this period, there are 201 customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are 80 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$808,330.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$434,140.

Program Progress Summary:

Through December 31, 2013, there were 1,703 customers that have 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, 2014 to December 31, 2014

During this period, there are two installations expected.

January 1, 2015 to December 31, 2015

During this period, there are zero installations expected.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$2,904,880.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$2,906,904.

Program Progress Summary:

Through December 31, 2013, there are 98 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, 2014 to December 31, 2014

During this period, there are five customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are four customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$226,037.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$412,352.

Program Progress

Summary:

Through December 31, 2013, there were 43 customers that have participated. Tampa Electric continues to work with customers on evaluations of various measures.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL 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, 2014 to December 31, 2014

During this period, there are 1,586 repairs projected to be made.

January 1, 2015 to December 31, 2015

During this period, there are 1,680 repairs projected to be made.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$396,575.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$409,605.

Program Progress Summary:

Through December 31, 2013, there are 94,146 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, 2014 to December 31, 2014

During this period, there are 2,026 expected customers with 3,031 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 400 blocks estimated to be purchased on a one time basis.

January 1, 2015 to December 31, 2015

During this period, there are 2,000 expected customers with 2,886 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 400 blocks estimated to be purchased on a one time basis.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

During this period, the company anticipates excess revenues of approximately \$351,928 to be used for new renewable generation.

January 1, 2015 to December 31, 2015

During this period, the company anticipates excess revenues of approximately \$303,168 to be used for new renewable generation.

Program Progress Summary:

Through December 31, 2013, there were 2,112 customers with 2,884 blocks subscribed. In addition, there were 3,268 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, 2014 to December 31, 2014

PV Systems - 73
Residential SWH - 90
School PV- 1
Low-Income SWH - 5

January 1, 2015 to December 31, 2015

The five-year renewable pilot expired at the end of 2014.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$1,463,943.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$0 due to the program expiring.

Program Progress Summary:

There were 324 customers that participated through December 31, 2013.

Breakdown is as follows:

PV Systems - 192
Residential SWH - 120
School PV- 3
Low-Income SWH - 9

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, 2014 to December 31, 2014

During this period, one new customer is expected to participate.

January 1, 2015 to December 31, 2015

During this period, no new customers are expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$17,152,055.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$16,831,345.

**Program Progress
Summary:**

Through December 31, 2013, 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, 2014 to December 31, 2014

Expenditures are estimated to be \$0.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$0.

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, 2014 to December 31, 2014

During this period, there are 178 customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are 145 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$72,177.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$90,919.

Program Progress Summary:

Through December 31, 2013, there were 1,680 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, 2014 to December 31, 2014

During this period, there are 2,424 customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are 2,400 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$1,760,042.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$1,893,216.

Program Progress Summary:

Through December 31, 2013, a total of 6,997 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, 2014 to December 31, 2014

Expenditures are estimated to be \$1,844,375.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$1,553,717.

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, 2014 to December 31, 2014

During this period, there are 3,889 projected customers for this program on a cumulative basis.

January 1, 2015 to December 31, 2015

During this period, there are 5,089 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$3,903,504.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$4,554,195.

Program Progress Summary:

Through December 31, 2013, there were 2,189 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, 2014 to December 31, 2014

Ceiling Insulation – 6,744
Wall Insulation - 17
Window Upgrades – 1,575
Window Film - 311

January 1, 2015 to December 31, 2015

Ceiling Insulation – 7,200
Wall Insulation – 20
Window Upgrades – 1,608
Window Film - 324

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$2,335,248.

January 1, 2015 to December 31, 2015

Expenditures are estimated at \$2,461,067.

Program Progress Summary:

Through December 31, 2013, there were 121,083 customers that have 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, 2014 to December 31, 2014

During this period, there are two customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are two customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$1,012.

January 1, 2015 to December 31, 2015

Expenditures are estimated at \$615.

Program Progress Summary:

Through December 31, 2013, one customer has 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, 2014 to December 31, 2014.

During this period, there are 1,974 customers expected to participate in energy awareness education presentations.

January 1, 2015 to December 31, 2015

During this period, there are 2,000 customers expected to participate in energy awareness education presentations.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$96,441.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$130,713.

Program Progress

Summary:

Through 2013, Tampa Electric has partnered with 99 local schools to present Energy Education to 31,126 students. In addition, the company gave 47 presentations to civic organizations that generated 430 customer assisted audits and distributed 2093 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, 2014 to December 31, 2014

During this period, there are 105 customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are 180 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$16,681.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$25,170.

Program Progress Summary:

Through December 31, 2013, a total of 877 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, 2014 to December 31, 2014

During this period, there are 6,982 customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are 6,600 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$2,772,585.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$2,888,840.

Program Progress Summary:

Through December 31, 2013, a total of 8,116 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, 2014 to December 31, 2014

During this period, there are 586 repairs expected to be made.

January 1, 2015 to December 31, 2015

During this period, there are 550 repairs expected to be made.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$204,047.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$219,474.

Program Progress

Summary:

Through December 31, 2013, a total of 10,505 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, 2014 to December 31, 2014

During this period, there are three customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are five customers expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$3,596.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$8,990.

**Program Progress
Summary:**

Through December 31, 2013, three 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, 2014 to December 31, 2014

Ceiling Insulation – 56
Wall Insulation - 1
Window Film – 22
Roof Insulation - 1

January 1, 2015 to December 31, 2015

Ceiling Insulation - 57
Wall Insulation - 1
Window Film – 18
Roof Insulation - 2

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$146,504.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$174,584.

Program Progress

Summary:

Through December 31, 2013, a total of 294 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, 2014 to December 31, 2014

During this period, there are eight units projected to be installed and approved.

January 1, 2015 to December 31, 2015

During this period, there are 10 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$2,131.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$2,942.

Program Progress

Summary:

Through December 31, 2013, a total of 120 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, 2014 to December 31, 2014

During this period, there are 40 MW of demand response available for control.

January 1, 2015 to December 31, 2015

During this period, there are 40 MW of demand response projected to be available for control.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$3,413,363.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$3,633,408.

Program Progress Summary:

Through December 31, 2013, Tampa Electric was 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, 2014 to December 31, 2014

During this period, there are 12 units projected to be installed and approved.

January 1, 2015 to December 31, 2015

During this period, there are 10 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$32,998.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$43,224.

Program Progress

Summary: Through December 31, 2013, a total of 39 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, 2014 to December 31, 2014

During this period, there are 50 units projected to be installed and approved.

January 1, 2015 to December 31, 2015

During this period, there are 20 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$49,244.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$33,596.

Program Progress

Summary:

Through December 31, 2013, a total of 150 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, 2014 to December 31, 2014

During this period, there are no units projected to be installed and approved.

January 1, 2015 to December 31, 2015

During this period, there are two units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$0.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$3,154.

Program Progress Summary:

Through December 31, 2013, 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, 2014 to December 31, 2014

During this period, there are no units projected to be installed and approved.

January 1, 2015 to December 31, 2015

During this period, there is one unit projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$183.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$868.

Program Progress Summary:

Through December 31, 2013, 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, 2014 to December 31, 2014

During this period, there are 137 customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are 225 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$56,714.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$103,856.

Program Progress Summary:

Through December 31, 2013, 228 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, 2014 to December 31, 2014

During this period, there are five customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are 10 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$1,990.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$4,558.

Program Progress Summary:

Through December 31, 2013, 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, 2014 to December 31, 2014

During this period, there are 46 customers expected to participate.

January 1, 2015 to December 31, 2015

During this period, there are 35 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2014 to December 31, 2014

Expenditures are estimated to be \$474,268.

January 1, 2015 to December 31, 2015

Expenditures are estimated to be \$405,527.

Program Progress Summary:

Through December 31, 2013, 117 customers have participated in this program.

2015 GSLM Incentive Calculation

Annual KW Reduction	37,310
Annual Incentive	\$303,600
Dollar Per KW	\$8.137339

Month	KW Reduction	Incentive
Jan	3,095	25,187
Feb	3,095	25,187
Mar	3,095	25,187
Apr	3,119	25,381
May	3,119	25,381
Jun	3,119	25,381
Jul	3,119	25,381
Aug	3,119	25,381
Sep	3,119	25,381
Oct	3,119	25,381
Nov	3,095	25,187
Dec	3,095	25,187
Total		303,600

2015 \$/kW Filing⁽¹⁾	\$8.14
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⁽¹⁾Rounded to the nearest cent.

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

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PROGRAM DEMAND SAVINGS & LINE LOSSES

I. (1) CUSTOMER KW REDUCTION AT THE METER	3,119,048 KW /CUST
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	3,442.918 KW GEN/CUST
I. (3) KW LINE LOSS PERCENTAGE	7.0 %
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	787,121 KWH/CUST/YR
I. (5) KWH LINE LOSS PERCENTAGE	5.2 %
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	746,190 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	1.4625
II. (5) K FACTOR FOR T & D	1.4625
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0

UTILITY & CUSTOMER COSTS

III. (1) UTILITY NONRECURRING COST PER CUSTOMER	119947.77 \$/CUST
III. (2) UTILITY RECURRING COST PER CUSTOMER	1,568 \$/CUST/YR
III. (3) UTILITY COST ESCALATION RATE	2.3 %
III. (4) CUSTOMER EQUIPMENT COST	0.00 \$/CUST
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.3 %
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR
III. (7) CUSTOMER O & M ESCALATION RATE	2.3 %
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	0.0734
III. (13)* UTILITY AFUDC RATE	0.0816
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00 \$/CUST
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	303,600.24 \$/CUST/YR
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %

AVOIDED GENERATOR, TRANS. & DIST COSTS

IV. (1) BASE YEAR	2015
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2020
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2016
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	598.06 \$/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	3.0 %
IV. (8) GENERATOR FIXED O & M COST	11.87 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.3 %
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	0 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.188 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.3 %
IV. (15) GENERATOR CAPACITY FACTOR	6.4 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST	4.34 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	5.17 %
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	1.988 CENTS/KWH
V. (2) NON-FUEL ESCALATION RATE	1 %
V. (3) CUSTOMER DEMAND CHARGE PER KW	10.700 \$/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	30.49
(2)* PARTICIPANT NET BENEFITS (NPV)	17,764
(3)* RIM TEST - BENEFIT/COST RATIO	1.200

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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)
2015	0	121	0	0	121	0	0	14	0	14	(107)	(107)
2016	0	125	0	0	125	0	0	44	0	44	(81)	(182)
2017	0	130	0	0	130	0	0	66	0	66	(64)	(238)
2018	0	134	0	0	134	0	0	98	0	98	(36)	(267)
2019	0	139	0	0	139	0	0	133	0	133	(6)	(272)
2020	0	9	0	0	9	2,644	0	162	0	2,806	2,798	1,691
2021	0	9	0	0	9	2,581	0	173	0	2,754	2,745	3,486
2022	0	9	0	0	9	2,505	0	181	0	2,686	2,677	5,116
2023	0	9	0	0	9	2,430	0	192	0	2,622	2,613	6,599
2024	0	10	0	0	10	2,367	0	207	0	2,573	2,564	7,954
2025	0	10	0	0	10	2,306	0	220	0	2,526	2,516	9,193
2026	0	10	0	0	10	2,264	0	223	0	2,487	2,477	10,330
2027	0	10	0	0	10	2,223	0	234	0	2,457	2,447	11,376
2028	0	11	0	0	11	2,180	0	248	0	2,427	2,417	12,338
2029	0	11	0	0	11	2,131	0	261	0	2,392	2,381	13,221
2030	0	11	0	0	11	2,092	0	266	0	2,359	2,348	14,033
2031	0	11	0	0	11	2,052	0	278	0	2,331	2,319	14,779
2032	0	12	0	0	12	2,010	0	297	0	2,306	2,295	15,468
2033	0	12	0	0	12	1,956	0	313	0	2,269	2,257	16,099
2034	0	12	0	0	12	1,919	0	320	0	2,239	2,227	16,678
2035	0	12	0	0	12	1,874	0	347	0	2,221	2,208	17,214
2036	0	13	0	0	13	1,826	0	380	0	2,207	2,194	17,710
2037	0	13	0	0	13	1,799	0	411	0	2,210	2,197	18,172
2038	0	13	0	0	13	1,748	0	446	0	2,194	2,181	18,600
2039	0	14	0	0	14	1,746	0	466	0	2,212	2,198	19,001
NOMINAL	0	869	0	0	869	42,653	0	5,980	0	48,633	47,764	
NPV:	0	644	0	0	644	17,422	0	2,223	0	19,646	19,001	
Discount Rate		0.0734										
												Benefit/Cost Ratio - [col (11)/col (6)]: 30.49

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PARTICIPANT COSTS AND BENEFITS
PROGRAM: CCV Credit

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(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)
2015	22	0	152	0	174	0	0	0	0	174	174
2016	66	0	455	0	522	0	0	0	0	522	660
2017	111	0	759	0	870	0	0	0	0	870	1,415
2018	161	0	1,063	0	1,224	0	0	0	0	1,224	2,405
2019	215	0	1,366	0	1,581	0	0	0	0	1,581	3,596
2020	248	0	1,518	0	1,766	0	0	0	0	1,766	4,835
2021	253	0	1,518	0	1,771	0	0	0	0	1,771	5,993
2022	260	0	1,518	0	1,778	0	0	0	0	1,778	7,076
2023	269	0	1,518	0	1,787	0	0	0	0	1,787	8,090
2024	277	0	1,518	0	1,795	0	0	0	0	1,795	9,039
2025	284	0	1,518	0	1,802	0	0	0	0	1,802	9,926
2026	288	0	1,518	0	1,806	0	0	0	0	1,806	10,755
2027	292	0	1,518	0	1,810	0	0	0	0	1,810	11,529
2028	298	0	1,518	0	1,816	0	0	0	0	1,816	12,252
2029	307	0	1,518	0	1,825	0	0	0	0	1,825	12,929
2030	313	0	1,518	0	1,831	0	0	0	0	1,831	13,562
2031	320	0	1,518	0	1,838	0	0	0	0	1,838	14,153
2032	330	0	1,518	0	1,848	0	0	0	0	1,848	14,708
2033	344	0	1,518	0	1,862	0	0	0	0	1,862	15,228
2034	353	0	1,518	0	1,871	0	0	0	0	1,871	15,715
2035	371	0	1,518	0	1,889	0	0	0	0	1,889	16,173
2036	397	0	1,518	0	1,915	0	0	0	0	1,915	16,606
2037	420	0	1,518	0	1,938	0	0	0	0	1,938	17,014
2038	454	0	1,518	0	1,972	0	0	0	0	1,972	17,401
2039	471	0	1,518	0	1,989	0	0	0	0	1,989	17,764
NOMINAL	7,125	0	34,155	0	41,280	0	0	0	0	41,280	
NPV:	2,841	0	14,923	0	17,764	0	0	0	0	17,764	
In service year of gen unit:			2020			#DIV/0!					

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**RESIDENTIAL SERVICE
2015 VARIABLE PRICING (RSVP-1) RATES
CENTS PER KWH**

Rate Tiers	<u>Base Rate</u>	<u>Fuel</u>	<u>Capacity</u>	<u>Environmental</u>	<u>Conservation</u>	<u>Total Clauses</u>	Base Rate Plus <u>Clauses</u>
P4	4.965	3.874	0.204	0.408	31.885	36.371	41.336
P3	4.965	3.874	0.204	0.408	7.404	11.890	16.855
P2	4.965	3.874	0.204	0.408	(0.709)	3.777	8.742
P1	4.965	3.874	0.204	0.408	(2.429)	2.057	7.022