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September 17, 2010

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COMMISSION
CLERK

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

Re: Conservation Cost Recovery Clause
FPSC Docket No. 100002-EG

Dear Ms. Cole:

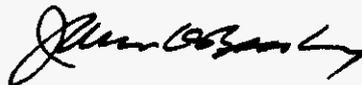
Enclosed for filing in the above docket on behalf of Tampa Electric Company are the original and fifteen (15) copies of each of the following:

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

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

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

COM JDB/pp
APA Enclosures
ECR cc: All Parties of Record (w/enc.)
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FPSC-COMMISSIONER CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

DOCKET NO. 100002-EG
FILED: September 17, 2010

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 2011. Inasmuch as Tampa Electric's proposed Demand Side Management (DSM) plan has yet to be finalized in Docket No. 100159-EI, the company is including two separate sets of true-up, projection and energy conservation cost recovery factor calculations in this petition. One set assumes the continuation in 2010 and 2011 of the company's existing, Commission approved DSM plan, designated (**existing plan**) and the second set of calculations assumes approval and implementation of Tampa Electric's proposed DSM plan during the latter part of 2010 and during 2011, designated (**proposed plan**). In support thereof, the company says:

Conservation Cost Recovery

1. During the period January through December 2009, Tampa Electric incurred actual net conservation costs of \$32,243,415, plus a beginning true-up over-recovery of \$389,627, for a total of \$31,853,788. The amount collected through the Conservation Cost Recovery Clause was \$30,420,933. The true-up amount for January through December 2009 was an under-recovery of \$1,434,024, including interest. (See Exhibit (HTB-1); Schedule CT-1 and CT-3, page 2 of 3).

2. During the period January through December 2010, the company anticipates incurring expenses of \$44,046,733 (**existing plan**) or \$44,675,444 (**proposed plan**). For the period

DOCUMENT NUMBER-DATE

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FPSO-COMPL. SECTION

the total net true-up under-recovery is estimated to be \$1,169,981 (**existing plan**) or \$1,798,892 (**proposed plan**), including interest. (See Exhibit (HTB-2); Schedule C-3E, page 7 of 8 and Schedule C-3P, page 7 of 8).

3. For the forthcoming cost recovery period, January through December 2011, Tampa Electric projects its total incremental conservation costs to be \$43,332,488 (**existing plan**) or \$53,297,809 (**proposed plan**). Tampa Electric's total true-up and projected expenditures for the projection period are estimated to be \$44,502,469 (**existing plan**) or \$55,096,701 (**proposed plan**), including true-up estimates for January through December 2010. 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 2011 are as follows: (**existing plan**) 0.265 cents per KWH for Residential, 0.238 cents per KWH for General Service Non-Demand and Temporary Service, 0.90 cents per KW for Full Requirement General Service Demand - Secondary, 0.89 cents per KW for Full Requirement General Service Demand - Primary, 0.88 cents per KW for Full Requirement General Service Demand - Subtransmission, 0.90 cents per KW for Standby Service - Secondary, 0.89 cents per KW for Standby Service - Primary, 0.88 cents per KW for Standby Service - Subtransmission, 0.77 cents per KW for Interruptible Service - Secondary, 0.77 cents per KW for Interruptible Service - Primary, 0.76 cents per KW for Interruptible Service - Subtransmission, 0.213 cents per KWH for General Service Demand Optional - Secondary, 0.211 cents per KWH for General Service Demand Optional - Primary, 0.209 cents per KWH for General Service Demand Optional - Subtransmission, and 0.100 cents per KWH for Lighting (See Exhibit (HTB-2); Schedule C-1E, page 1 of 1.) or

(proposed plan)

0.322 cents per KWH for Residential, 0.294 cents per KWH for General Service Non-Demand and Temporary Service, 1.13 cents per KW for Full Requirement General Service Demand - Secondary, 1.12 cents per KW for Full Requirement General Service Demand - Primary, 1.11 cents per KW for Full Requirement General Service Demand - Subtransmission, 1.13 cents per KW for Standby Service - Secondary, 1.12 cents per KW for Standby Service - Primary, 1.11 cents per KW for Standby Service - Subtransmission, 1.01 cents per KW for Interruptible Service - Secondary, 1.00 cents per KW for Interruptible Service - Primary, .99 cents per KW for Interruptible Service - Subtransmission, 0.268 cents per KWH for General Service Demand Optional – Secondary, 0.265 cents per KWH for General Service Demand Optional - Primary, 0.263 cents per KWH for General Service Demand Optional - Subtransmission, and 0.154 cents per KWH for Lighting (See Exhibit (HTB-2); Schedule C-1P, page 1 of 1.)

4. For the forthcoming cost recovery period, January through December 2011, the Contracted Credit Value for the GSLM-2 and GSLM-3 rate riders will be \$7.93 per KW (**existing plan**) or \$7.93 per KW (**proposed plan**) (See Exhibit (HTB-2); page 111.).

5. For the forthcoming cost recovery period, January through December 2011, the residential Price Responsive Load Management (“RSVP-1) rates are as follows:

(existing plan)

<u>Rate Tier</u>	<u>Cents per kWh</u>
P4	33.546
P3	5.986
P2	(0.787)
P1	(1.452)

(See Exhibit (HTB-2); page 60)

(proposed plan)

<u>Rate Tier</u>	<u>Cents per kWh</u>
P4	33.921
P3	6.095
P2	(0.744)
P1	(1.395)

(See Exhibit (HTB-2); page 115)

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, 2011 through December 31, 2011. Tampa Electric seeks approval of the true-up, projection and conservation cost recovery factors assuming that the company's proposed DSM plan is approved. The company further requests that any difference between the true-up, projection and associated conservation cost recovery factors the Commission approves in this proceeding and the appropriate corresponding true-up, projection and cost recovery factors associated with the DSM plan ultimately approved in Docket No. 100159-EI be included as a component of the true-up applicable to 2011.

DATED this 17th day of September, 2010.

Respectfully submitted,



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

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by hand delivery (*) or U. S. Mail on this 17th day of September 2010 to the following:

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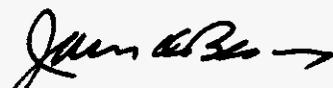
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Mr. F. Alvin Taylor
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1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201



ATTORNEY

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

2

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

5

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

10

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

12

13 **A.** The purpose of my testimony is to support the company's
14 actual conservation costs incurred during the period
15 January through December 2009, the actual/projected
16 period January to December 2010, and the projected period
17 January through December 2011. Also, I will support the
18 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 2011. 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 2011.

1 **Q.** How have you treated the costs of the programs included in
2 Tampa Electric's proposed DSM Plan in Docket No. 100159-
3 EG?
4

5 **A.** Tampa Electric's DSM Plan proposed in Docket No. 100159-EG
6 is not scheduled to come before the Commission for final
7 consideration until September 14, 2010 with the
8 consummating order scheduled for October 28, 2010 assuming
9 no protest is filed. However, Tampa Electric believes the
10 programs included in that plan are necessary and
11 appropriate for the company to implement in order to
12 achieve the numeric goals the Commission has established
13 for Tampa Electric in Docket No. 080409-EG. In order to
14 provide some flexibility pending final action by the
15 Commission on Tampa Electric's proposed DSM Plan, the
16 company has prepared two alternative scenarios for cost
17 recovery purposes. The first proposal assumes a
18 continuation of Tampa Electric's currently approved DSM
19 Plan during 2011 and the cost recovery factors under that
20 scenario reflect a continuation of existing programs. The
21 second scenario included in this projection filing assumes
22 that the Commission approves the programs as proposed in
23 the DSM Plan the company filed in Docket 100159-EG. The
24 cost recovery factors developed in that scenario reflect
25 the program cost of the proposed DSM Plan.

1 **Q.** Did you prepare any exhibits in support of your
2 testimony?

3
4 **A.** Yes. Exhibit No. _____ (HTB-2), containing two
5 documents, was prepared under my direction and
6 supervision. Document No. 1 includes Schedules C-1E
7 through C-5E and associated data which support the
8 development of the conservation cost recovery factors
9 associated with the existing 2005-2014 DSM plan for
10 January through December 2011. Document No. 2 includes
11 Schedules C-1P through C-5P and associated data which
12 support the development of the conservation cost recovery
13 factors associated with the proposed 2010-2019 DSM plan.

14
15 **Q.** Please describe the conservation program costs projected
16 by Tampa Electric during the period January through
17 December 2009.

18
19 **A.** For the period January through December 2009, Tampa
20 Electric projected conservation program costs to be
21 \$18,548,986. The Commission authorized collections to
22 recover these expenses in Docket No. 080002-EG, Order No.
23 PSC-08-0783-FOF-EG, issued December 1, 2008.

24
25 **Q.** For the period January through December 2009, what were

1 Tampa Electric's conservation costs and what was
2 recovered through the ECCR clause?

3

4 **A.** For the period January through December 2009, Tampa
5 Electric incurred actual net conservation costs of
6 \$32,243,415, plus a beginning true-up over-recovery of
7 \$389,627 for a total of \$31,853,788. The amount
8 collected in the ECCR clause was \$30,420,933.

9

10 **Q.** What was the true-up amount?

11

12 **A.** The true-up amount for the period January through
13 December 2009 was an under-recovery of \$1,434,024. These
14 calculations are detailed in Exhibit No. ____ (HTB-1),
15 Conservation Cost Recovery True Up, Pages 2 through 13,
16 filed May 3, 2010.

17

18 **Q.** Please describe the conservation program costs incurred
19 and projected to be incurred by Tampa Electric's existing
20 2005-2014 DSM Plan during the period January through
21 December 2010.

22

23 **A.** The actual costs incurred by Tampa Electric through July
24 2010 and estimated for August through December 2010 from
25 Tampa Electric's existing 2005-2014 DSM Plan are

1 \$44,046,733. For the period, Tampa Electric anticipates
2 an under-recovery in the ECCR Clause of \$1,169,981 which
3 includes the 2009 true-up and interest. A summary of
4 these costs and estimates are fully detailed in Exhibit
5 No. ___ (HTB-2), Conservation Costs Projected, pages 24
6 through 32.

7
8 **Q.** Please describe the conservation program costs incurred
9 and projected to be incurred by Tampa Electric's proposed
10 2010-2019 DSM Plan during the period January through
11 December 2010.

12
13 **A.** The actual costs incurred by Tampa Electric through July
14 2010 and estimated for August through December 2010 from
15 Tampa Electric's proposed 2010-2019 DSM Plan are
16 \$44,675,444. For the period, Tampa Electric anticipates
17 an under-recovery in the ECCR Clause of \$1,798,892 which
18 includes the 2009 true-up and interest. A summary of
19 these costs and estimates are fully detailed in Exhibit
20 No. ___ (HTB-2), Conservation Costs Projected, pages 68
21 through 76.

22
23 **Q.** Has Tampa Electric proposed any new or modified DSM
24 Programs for ECCR cost recovery for the period January
25 through December 2010.

1 **A.** Yes. On March 30, 2010, Tampa Electric filed its 2010-
2 2019 DSM Plan for approval that includes the modification
3 of 24 of the company's existing DSM programs. These
4 modified programs are listed below and can be found in
5 Schedules C-1P through C-5P.

- 6
- 7 1. Residential Walk-through Audit (free)
- 8 2. Residential On-line Audit
- 9 3. Residential Phone Audit
- 10 4. Residential Paid Audit
- 11 5. Residential Heating and Cooling
- 12 6. Residential Building Envelope
- 13 7. Residential New Construction
- 14 8. Residential Weatherization and Agency Outreach
- 15 9. Residential Energy Education Outreach
- 16 10. Commercial Free Audit
- 17 11. Commercial Paid Audit
- 18 12. Commercial Duct Repair
- 19 13. Commercial Building Envelope
- 20 14. Energy Efficient Motors
- 21 15. Commercial Cooling
- 22 16. Commercial Chillers
- 23 17. Commercial Lighting
- 24 18. Commercial Occupancy Sensors
- 25 19. Standby Generators

- 1 20. Refrigeration Anti-condensate Controls
- 2 21. Commercial Water Heating
- 3 22. Conservation Value
- 4 23. Commercial Load Management
- 5 24. Demand Response

6

7 In addition to the existing program modifications, Tampa

8 Electric also requested approval for seven new programs

9 which are listed below.

- 10 1. Residential Electronically Commutated Motors
- 11 2. Residential HVAC Re-commissioning
- 12 3. Commercial Electronically Commutated Motors
- 13 4. Commercial HVAC Re-commissioning
- 14 5. Commercial Cool Roof
- 15 6. Commercial Energy Recovery Ventilation
- 16 7. Renewable Energy Systems Initiative

17

18 **Q.** Please summarize the proposed conservation costs for the

19 period January through December 2011 and the annualized

20 recovery factors applicable for the period January

21 through December 2011 if the existing 2005-2014 DSM Plan

22 is utilized.

23

24 **A.** Assuming the company's existing 2005-2014 DSM Plan is

25 utilized, Tampa Electric has estimated that the total

1 conservation costs (less program revenues) during the
 2 period will be \$43,332,488 plus true-up. Including true-
 3 up estimates, the January through December 2011 cost
 4 recovery factors for firm retail rate classes are as
 5 follows:

6 **Cost Recovery Factors**

7 <u>Rate Schedule</u>	8 <u>(cents per kWh)</u>
9 RS	0.265
10 GS and TS	0.238
11 GSD Optional - Secondary	0.213
12 GSD Optional - Primary	0.211
13 GSD Optional - Subtransmission	0.209
14 LS1	0.100

15 **Cost Recovery Factors**

16 <u>Rate Schedule</u>	17 <u>(dollars per kW)</u>
18 GSD - Secondary	0.90
19 GSD - Primary	0.89
20 GSD - Subtransmission	0.88
21 SBF - Secondary	0.90
22 SBF - Primary	0.89
23 SBF - Subtransmission	0.88
24 IS - Secondary	0.77
25 IS - Primary	0.77
IS - Subtransmission	0.76

1 Exhibit No. ____ (HTB-2), Conservation Costs Projected,
2 pages 18 through 23 contain the Commission prescribed
3 forms which detail these estimates.
4

5 **Q.** Please summarize the proposed conservation costs for the
6 period January through December 2011 and the annualized
7 recovery factors applicable for the period January
8 through December 2011 if the proposed 2010-2019 DSM Plan
9 is utilized.

10
11 **A.** Assuming the company's proposed 2010-2019 DSM Plan is
12 utilized, Tampa Electric has estimated that the total
13 conservation costs (less program revenues) during the
14 period will be \$53,297,809 plus true-up. Including true-
15 up estimates, the January through December 2011 cost
16 recovery factors for firm retail rate classes are as
17 follows:

	Cost Recovery Factors
<u>Rate Schedule</u>	<u>(cents per kWh)</u>
20 RS	0.322
21 GS and TS	0.294
22 GSD Optional - Secondary	0.268
23 GSD Optional - Primary	0.265
24 GSD Optional - Subtransmission	0.263
25 LS1	0.154

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Cost Recovery Factors

<u>Rate Schedule</u>	<u>(dollars per kW)</u>
GSD - Secondary	1.13
GSD - Primary	1.12
GSD - Subtransmission	1.11
SBF - Secondary	1.13
SBF - Primary	1.12
SBF - Subtransmission	1.11
IS - Secondary	1.01
IS - Primary	1.00
IS - Subtransmission	0.99

Exhibit No. ____ (HTB-2), Conservation Costs Projected, pages 61 through 67 contain the Commission prescribed forms which detail these estimates.

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

A. Yes, it has.

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

1 **A.** In Docket No. 990037-EI, Tampa Electric petitioned the
2 Commission to close its non-cost-effective interruptible
3 service rate schedules while initiating the provision of
4 a cost-effective non-firm service through a new load
5 management program. This program would be funded through
6 the ECCR clause and the appropriate annual CCV for
7 customers would be submitted for Commission approval as
8 part of the company's annual ECCR projection filing.
9 Specifically, the level of the CCV would be determined by
10 using the Rate Impact Measure ("RIM") Test contained in
11 the Commission's cost-effectiveness methodology found in
12 Rule 25-17.008, F.A.C. By using a RIM Test benefit-to-
13 cost ratio of 1.2, the level of the CCV would be
14 established on a per kilowatt ("kW") basis. This program
15 and methodology for CCV determination was approved by the
16 Commission in Docket No. 990037-EI, Order No. PSC-99-
17 1778-FOF-EI, issued September 10, 1999.

18
19 **Q.** What is the appropriate CCV for customers who elect to
20 take service under the GSLM-2 and GSLM-3 rate riders
21 during the January through December 2011 period?

22
23 **A.** For the January through December 2011 period, the CCV
24 will be \$7.93 per kW. If the 2011 assessment for need
25 determination indicates the availability of new non-firm

1 load, the CCV will be applied to new subscriptions for
2 service under those rate riders. The application of the
3 cost-effectiveness methodology to establish the CCV is
4 found in the attached analysis, Exhibit No. ____ (HTB-2),
5 Conservation Costs Projected, beginning on page 111
6 through 114.

7
8 **Q.** Please explain why the RSVP-1 rates for Residential Price
9 Responsive Load Management are in your testimony.

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

19
20 **Q.** What are the appropriate Price Responsive Load Management
21 rates ("RSVP-1") for customers who elect to take this
22 service during the January through December 2011 period
23 if the existing 2005-2014 DSM Plan is utilized?

24
25 **A.** Assuming the company's existing 2005-2014 DSM Plan is

1 utilized, the appropriate RSVP-1 rates during the January
2 through December 2011 period for Tampa Electric's Price
3 Responsive Load Management program are as follows:

<u>Rate Tier</u>	<u>Cents per kWh</u>
4 P4	33.546
5 P3	5.986
6 P2	(0.787)
7 P1	(1.452)

8 Page 60 contains the projected RSVP-1 rates for 2011.

9
10
11 **Q.** What are the appropriate Price Responsive Load Management
12 rates ("RSVP-1") for customers who elect to take this
13 service during the January through December 2011 period
14 if the proposed 2010-2019 DSM Plan is utilized?

15
16 **A.** Assuming the company's proposed 2010-2019 DSM Plan is
17 utilized, the appropriate RSVP-1 rates during the January
18 through December 2011 period for Tampa Electric's Price
19 Responsive Load Management program are as follows:

<u>Rate Tier</u>	<u>Cents per kWh</u>
20 P4	33.921
21 P3	6.095
22 P2	(0.744)
23 P1	(1.395)

24 Page 115 contains the projected RSVP-1 rates for 2011.

1 Q. Does this conclude your testimony?

2

3 A. Yes it does.

CONSERVATION COSTS
PROJECTED

INDEX

<u>SCHEDULE</u>	<u>TITLE</u>	<u>PAGE</u>
___	Calculation Of Energy & Demand Allocation % By Rate Class	17
C-1E	Summary of Cost Recovery Clause Calculation	18
C-2E	Program Costs - Projected	19
C-3E	Program Costs - Actual and Projected	24
C-4E	Calculation of Conservation Revenues	32
C-5E	Program Description and Progress	33
___	Detail of RSVP-1 Rates	60
C-1P	Summary of Cost Recovery Clause Calculation	61
C-2P	Program Costs - Projected	62
C-3P	Program Costs - Actual and Projected	68
C-4P	Calculation of Conservation Revenues	76
C-5P	Program Description and Progress	77
___	Calculation of GSLM-2 and GSLM-3 Contracted Credit Value	111
___	Detail of RSVP-1 Rates	115

TAMPA ELECTRIC COMPANY
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
 JANUARY 2011 THROUGH DECEMBER 2011

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MwH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MwH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 25% Avg Demand Factor (%)
RS	54.79%	8,863,147	1,847	1.080698	1.055797	9,357,688	1,996	46.99%	56.74%	54.30%
GS,TS	65.43%	1,064,630	186	1.080698	1.055784	1,124,019	201	5.64%	5.71%	5.69%
GSD Optional	4.00%	390,057	56	1.075881	1.051965	410,326	61	2.06%	1.73%	1.81%
GSD, SBF Standard	75.00%	7,310,448	1,056	1.075881	1.051965	7,690,338	1,137	38.62%	32.32%	33.90%
IS	103.01%	1,066,368	118	1.032476	1.018705	1,086,314	122	5.46%	3.47%	3.97%
LS1	2445.31%	231,963	1	1.080698	1.055797	244,906	1	1.23%	0.03%	0.33%
TOTAL		18,926,613	3,265			19,913,591	3,518	100%	100%	100%

17

- (1) AVG 12 CP load factor based on 2010 projected data.
- (2) Projected MWH sales for the period Jan. 2011 thru Dec. 2011.
- (3) Calculated: Col (2) / (8760*Col (1)).
- (4) Based on 2010 projected demand losses.
- (5) Based on 2010 projected energy losses.
- (6) Col (2) * Col (5).
- (7) Col (3) * Col (4).
- (8) Col (6) / total for Col (6).

C-1E
 Page 1 of 1

TAMPA ELECTRIC COMPANY
 Energy Conservation Adjustment
 Summary of Cost Recovery Clause Calculation
 For Months January 2011 through December 2011

1. Total Incremental Cost (C-2, Page 1, Line 17)	43,332,488
2. Demand Related Incremental Costs	34,320,237
3. Energy Related Incremental Costs	9,012,251

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	54.30%	5.69%	33.90%	1.81%	3.97%	0.33%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	18,635,889	1,952,821	11,634,560	621,196	1,362,513	113,257	<u>34,320,237</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 12 (Allocation of D & E is based on the forecast period cost.)	<u>432,004</u>	<u>45,269</u>	<u>269,704</u>	<u>14,400</u>	<u>31,585</u>	<u>2,625</u>	<u>795,587</u>
7. Total Demand Related Incremental Costs	<u>19,067,892</u>	<u>1,998,090</u>	<u>11,904,264</u>	<u>635,596</u>	<u>1,394,098</u>	<u>115,882</u>	<u>35,115,824</u>
8. Energy Allocation Percentage	46.99%	5.64%	38.62%	2.06%	5.46%	1.23%	100.00%
9. Net Energy Related Incremental Costs	4,234,857	508,291	3,480,531	185,652	492,069	110,851	<u>9,012,251</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 13 (Allocation of D & E is based on the forecast period cost.)	<u>175,928</u>	<u>21,116</u>	<u>144,591</u>	<u>7,713</u>	<u>20,442</u>	<u>4,605</u>	<u>374,394</u>
11. Total Net Energy Related Incremental Costs	<u>4,410,784</u>	<u>529,407</u>	<u>3,625,122</u>	<u>193,365</u>	<u>512,511</u>	<u>115,456</u>	<u>9,386,645</u>
12. Total Incremental Costs (Line 5 + 9)	22,870,745	2,461,112	15,115,092	806,849	1,854,582	224,107	43,332,488
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 7, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>607,931</u>	<u>66,385</u>	<u>414,295</u>	<u>22,113</u>	<u>52,027</u>	<u>7,230</u>	<u>1,169,981</u>
14. Total (Line 12 + 13)	<u>23,478,677</u>	<u>2,527,497</u>	<u>15,529,387</u>	<u>828,961</u>	<u>1,906,609</u>	<u>231,338</u>	<u>44,502,469</u>
15. Retail MWH Sales	8,863,147	1,064,630	7,310,448	390,057	1,066,368	231,963	18,926,613
16. Effective MWH at Secondary	8,863,147	1,064,630	7,310,448	390,057	1,066,368	231,963	18,926,613
17. Projected Billed KW at Meter	*	*	17,347,485	*	2,462,951	*	
18. Cost per KWH at Secondary (Line 16/Line 18)	0.26490	0.23741	*	0.21252	*	0.09973	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.2651	0.2376	*	0.2127	*	0.0998	
21. Conservation Adjustment Factor (cents/KWH)							
<u>RS, GS, TS, GSD Optional and LS1 Rates (cents/KWH) *</u>							
- Secondary	<u>0.265</u>	<u>0.238</u>		<u>0.213</u>		<u>0.100</u>	
- Primary				<u>0.211</u>			
- Subtransmission				<u>0.209</u>			
<u>GSD, SBF, IS Standard Rates (\$/KW) *</u>							
<u>Full Requirement</u>							
- Secondary	*	*	<u>0.90</u>	*	<u>0.77</u>	*	
- Primary	*	*	<u>0.89</u>	*	<u>0.77</u>	*	
- Subtransmission	*	*	<u>0.88</u>	*	<u>0.76</u>	*	

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

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2011 through December 2011

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	33,812	405,744
2 Prime Time (D)	603,145	585,160	579,306	430,336	430,762	441,237	468,175	450,123	447,039	445,250	541,758	525,269	5,947,560
3 Energy Audits (E)	181,618	181,618	181,618	181,618	181,617	192,617	202,617	217,617	192,617	181,617	181,617	181,617	2,258,408
4 Cogeneration (E)	10,227	10,227	10,227	10,377	10,377	10,377	10,377	10,377	10,377	10,227	10,227	10,227	123,624
5 Commercial Load Mgmt (D)	40	161	80	870	991	876	963	883	883	881	51	51	6,730
6 Commercial Lighting (E)	26,536	26,536	26,536	26,536	26,536	26,536	26,536	26,536	26,536	26,536	26,536	16,328	310,377
7 Standby Generator (D)	162,790	169,921	177,421	164,539	164,539	162,790	170,390	162,790	162,790	162,790	162,790	162,790	1,986,340
8 Conservation Value (E)	7,635	7,635	73,788	7,635	7,635	7,635	7,635	7,635	7,635	7,635	7,635	7,635	157,773
9 Duct Repair (E)	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	110,344	1,324,128
10 Renewable Energy Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Industrial Load Management (D)	1,700,773	1,800,773	1,700,773	1,802,118	1,702,118	1,802,118	1,802,118	1,802,118	1,800,773	1,700,773	1,700,773	1,700,773	21,016,001
12 DSM R&D (D&E) <small>(50% D, 50% E)</small>	7,684	7,684	7,684	7,684	7,431	4,500	0	0	0	0	0	0	42,567
13 Commercial Cooling (E)	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	5,642	67,704
14 Residential New Construction (E)	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	36,426	437,112
15 Common Expenses (D&E) <small>(50% D, 50% E)</small>	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	591,624
16 Price Responsive Load Mgmt (D&E) <small>(50% D, 50% E)</small>	197,868	203,101	206,657	202,433	207,576	213,732	218,231	223,284	226,659	239,400	244,365	247,647	2,630,953
17 Residential Building Envelope Improvement (E)	71,482	71,482	71,482	71,482	71,482	71,482	71,482	71,482	71,482	71,482	71,480	71,480	857,780
18 Educational Energy Awareness (Pilot) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Residential Low- Income Weatherization (E)	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,285	5,435	63,570
20 Commercial Duct Repair (E)	103,758	103,758	103,758	103,758	103,758	103,758	103,758	103,758	103,758	103,758	103,758	105,282	1,246,620
21 Commercial Building Envelope Improvement (E)	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	1,684	20,208
22 Commercial Energy Efficient Motors (E)	81	81	81	81	81	156	156	156	81	81	81	81	1,197
23 Commercial Demand Response (D)	312,094	309,926	309,926	312,094	313,126	309,926	309,926	312,094	309,926	309,926	312,094	309,926	3,730,984
24 Commercial Chiller Replacement (E)	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	1,622	19,464
25 Commercial Occupancy Sensors (Lighting) (E)	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	6,327	75,924
26 Commercial Refrigeration (Anti-Condensate) (E)	414	414	414	414	414	414	414	414	414	414	414	414	4,968
27 Commercial Water Heating (E)	419	419	419	419	419	419	419	419	419	419	419	419	5,028
28 Total	3,637,008	3,729,340	3,700,614	3,572,838	3,479,306	3,599,017	3,643,641	3,640,130	3,611,833	3,511,633	3,616,595	3,590,533	43,332,488
29 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Recoverable Conserv. Expenses	<u>3,637,008</u>	<u>3,729,340</u>	<u>3,700,614</u>	<u>3,572,838</u>	<u>3,479,306</u>	<u>3,599,017</u>	<u>3,643,641</u>	<u>3,640,130</u>	<u>3,611,833</u>	<u>3,511,633</u>	<u>3,616,595</u>	<u>3,590,533</u>	<u>43,332,488</u>
Summary of Demand & Energy													
Energy	730,739	733,355	801,286	733,171	735,615	748,303	758,302	775,829	752,441	747,862	752,295	743,249	9,012,251
Demand	<u>2,906,269</u>	<u>2,995,985</u>	<u>2,899,328</u>	<u>2,839,667</u>	<u>2,743,691</u>	<u>2,850,714</u>	<u>2,885,339</u>	<u>2,864,301</u>	<u>2,859,392</u>	<u>2,763,971</u>	<u>2,864,300</u>	<u>2,847,284</u>	<u>34,320,237</u>
Total Recoverable Conserv. Expenses	<u>3,637,008</u>	<u>3,729,340</u>	<u>3,700,614</u>	<u>3,572,838</u>	<u>3,479,306</u>	<u>3,599,017</u>	<u>3,643,641</u>	<u>3,640,130</u>	<u>3,611,833</u>	<u>3,511,633</u>	<u>3,616,595</u>	<u>3,590,533</u>	<u>43,332,488</u>

19

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2011 through December 2011

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	55,224	3,840	17,400	0	325,176	480	3,624	0	405,744
2. Prime Time (D)	2,555	183,296	28,000	86,550	0	5,594,968	11,427	40,764	0	5,947,560
3. Energy Audits (E)	0	1,224,588	12,336	337,488	510,796	0	94,360	78,840	0	2,258,408
4. Cogeneration (E)	0	120,624	0	0	0	0	3,000	0	0	123,624
5. Commercial Load Mgmt (D)	78	749	0	0	0	5,810	93	0	0	6,730
6. Commercial Lighting (E)	0	17,729	0	0	0	292,288	360	0	0	310,377
7. Standby Generator (D)	0	48,444	15,000	1,200	0	1,920,000	1,696	0	0	1,986,340
8. Conservation Value (E)	0	7,380	0	0	0	150,153	240	0	0	157,773
9. Duct Repair (E)	0	86,376	0	0	156,516	1,068,408	720	12,108	0	1,324,128
10. Renewable Energy Initiative (E)	0	34,449	200,000	22,203	0	0	540	12,996	(270,188)	0
11. Industrial Load Management (D)	0	14,801	0	0	0	21,000,000	1,200	0	0	21,016,001
12. DSM R&D (D&E) (50% D, 50% E)	0	14,307	0	27,000	0	0	1,360	0	0	42,667
13. Commercial Cooling (E)	0	19,764	0	0	0	47,340	600	0	0	67,704
14. Residential New Construction (E)	0	18,576	0	0	0	418,416	0	120	0	437,112
15. Common Expenses (D&E) (50% D, 50% E)	0	590,304	0	0	0	0	1,320	0	0	591,624
16. Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,172,224	783,957	6,000	346,680	182,688	0	130,764	8,640	0	2,630,953
17. Residential Building Envelope Improvement (E)	0	111,816	0	0	0	740,636	2,460	2,868	0	857,780
18. Educational Energy Awareness (Pilot) (E)	0	0	0	0	0	0	0	0	0	0
19. Residential Low- Income Weatherization (E)	0	38,748	22,152	0	0	0	120	2,550	0	63,570
20. Commercial Duct Repair (E)	0	47,220	0	0	0	1,198,200	1,200	0	0	1,246,620
21. Commercial Building Envelope Improvement (E)	0	11,100	0	0	0	7,548	1,560	0	0	20,208
22. Commercial Energy Efficient Motors (E)	0	1,032	0	0	0	120	45	0	0	1,197
23. Commercial Demand Response (D)	0	16,148	0	3,709,836	0	0	1,800	3,200	0	3,730,984
24. Commercial Chiller Replacement (E)	0	3,192	0	0	0	15,972	300	0	0	19,464
25. Commercial Occupancy Sensors (Lighting) (E)	0	9,948	0	0	0	65,376	600	0	0	75,924
26. Commercial Refrigeration (Anti-Condensate) (E)	0	1,668	0	0	0	3,000	300	0	0	4,968
27. Commercial Water Heating (E)	0	1,728	0	0	0	3,000	300	0	0	5,028
28. Total All Programs	<u>1,174,857</u>	<u>3,463,168</u>	<u>287,328</u>	<u>4,548,357</u>	<u>850,000</u>	<u>32,856,411</u>	<u>256,845</u>	<u>165,710</u>	<u>(270,188)</u>	<u>43,332,488</u>
Summary of Demand & Energy										
Energy	586,112	2,505,446	241,328	563,931	758,656	4,335,633	173,907	117,426	(270,188)	9,012,251
Demand	<u>586,745</u>	<u>957,722</u>	<u>46,000</u>	<u>3,984,426</u>	<u>91,344</u>	<u>28,520,778</u>	<u>82,938</u>	<u>48,284</u>	<u>0</u>	<u>34,320,237</u>
Total All Programs	<u>1,174,857</u>	<u>3,463,168</u>	<u>287,328</u>	<u>4,548,357</u>	<u>850,000</u>	<u>32,856,411</u>	<u>256,845</u>	<u>165,710</u>	<u>(270,188)</u>	<u>43,332,488</u>

20

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011

PRIME TIME

	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	138	141	15,545	0	0	0	0	0	0	0	2,455	18,279
3. Depreciation Base		18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	1	
4. Depreciation Expense		<u>305</u>	<u>304</u>	<u>301</u>	<u>170</u>	<u>41</u>	<u>20</u>	<u>1,387</u>						
5. Cumulative Investment	18,280	18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	1	1
6. Less: Accumulated Deprecia	7,259	<u>7,564</u>	<u>7,730</u>	<u>7,890</u>	<u>(7,485)</u>	<u>(7,444)</u>	<u>(7,403)</u>	<u>(7,362)</u>	<u>(7,321)</u>	<u>(7,280)</u>	<u>(7,239)</u>	<u>(7,198)</u>	<u>(9,633)</u>	<u>(9,633)</u>
7. Net Investment	<u>11,021</u>	<u>10,716</u>	<u>10,412</u>	<u>10,111</u>	<u>9,941</u>	<u>9,900</u>	<u>9,859</u>	<u>9,818</u>	<u>9,777</u>	<u>9,736</u>	<u>9,695</u>	<u>9,654</u>	<u>9,634</u>	<u>9,634</u>
8. Average Investment		10,869	10,564	10,262	10,026	9,921	9,880	9,839	9,798	9,757	9,716	9,675	9,644	
9. Return on Average Investment		65	63	61	60	59	59	59	58	58	58	58	57	715
10. Return Requirements		<u>106</u>	<u>103</u>	<u>100</u>	<u>98</u>	<u>96</u>	<u>96</u>	<u>96</u>	<u>95</u>	<u>95</u>	<u>95</u>	<u>95</u>	<u>93</u>	<u>1,168</u>
11. Total Depreciation and Return		<u>411</u>	<u>407</u>	<u>401</u>	<u>268</u>	<u>137</u>	<u>137</u>	<u>137</u>	<u>136</u>	<u>136</u>	<u>136</u>	<u>136</u>	<u>113</u>	<u>2,555</u>

NOTES:

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

Return on Average Investment is calculated using a monthly rate of 0.59480%.

Return requirements are calculated using an income tax multiplier of 1.634900.

21

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011
COMMERCIAL 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	450	0	0	0	0	0	0	450
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	450	450	450	450	450	450	450	
4. Depreciation Expense		0	0	0	0	0	4	8	8	8	8	8	8	52
5. Cumulative Investment	0	0	0	0	0	0	450	450	450	450	450	450	450	450
6. Less: Accumulated Depreciation	0	0	0	0	0	0	4	12	20	28	36	44	52	52
7. Net Investment	0	0	0	0	0	0	446	438	430	422	414	406	398	398
8. Average Investment		0	0	0	0	0	223	442	434	426	418	410	402	
9. Return on Average Investment		0	0	0	0	0	1	3	3	3	2	2	2	16
10. Return Requirements		0	0	0	0	0	2	5	5	5	3	3	3	26
Total Depreciation and Return		0	0	0	0	0	6	13	13	13	11	11	11	78

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

22

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	2,233,032
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		3,092,684	3,278,770	3,464,856	3,650,942	3,837,028	4,023,114	4,209,200	4,395,286	4,581,372	4,767,458	4,953,544	5,139,630	
4. Depreciation Expense		<u>49,994</u>	<u>53,095</u>	<u>56,197</u>	<u>59,298</u>	<u>62,400</u>	<u>65,501</u>	<u>68,603</u>	<u>71,704</u>	<u>74,805</u>	<u>77,907</u>	<u>81,008</u>	<u>84,110</u>	<u>804,622</u>
5. Cumulative Investment	2,906,598	3,092,684	3,278,770	3,464,856	3,650,942	3,837,028	4,023,114	4,209,200	4,395,286	4,581,372	4,767,458	4,953,544	5,139,630	5,139,630
6. Less: Accumulated Depreciation	507,575	<u>557,569</u>	<u>610,664</u>	<u>666,861</u>	<u>726,159</u>	<u>788,559</u>	<u>854,060</u>	<u>922,663</u>	<u>994,367</u>	<u>1,069,172</u>	<u>1,147,079</u>	<u>1,228,087</u>	<u>1,312,197</u>	<u>1,312,197</u>
7. Net Investment	<u>2,399,023</u>	<u>2,535,115</u>	<u>2,668,106</u>	<u>2,797,995</u>	<u>2,924,783</u>	<u>3,048,469</u>	<u>3,169,054</u>	<u>3,286,537</u>	<u>3,400,919</u>	<u>3,512,200</u>	<u>3,620,379</u>	<u>3,725,457</u>	<u>3,827,433</u>	<u>3,827,433</u>
8. Average Investment		2,467,069	2,601,611	2,733,051	2,861,389	2,986,626	3,108,762	3,227,796	3,343,728	3,456,560	3,566,290	3,672,918	3,776,445	
9. Return on Average Investment		14,674	15,474	16,256	17,020	17,764	18,491	19,199	19,888	20,560	21,212	21,847	22,462	224,847
10. Return Requirements		<u>23,991</u>	<u>25,298</u>	<u>26,577</u>	<u>27,826</u>	<u>29,042</u>	<u>30,231</u>	<u>31,388</u>	<u>32,515</u>	<u>33,614</u>	<u>34,679</u>	<u>35,718</u>	<u>36,723</u>	<u>367,602</u>
Total Depreciation and Return		<u>73,985</u>	<u>78,393</u>	<u>82,774</u>	<u>87,124</u>	<u>91,442</u>	<u>95,732</u>	<u>99,991</u>	<u>104,219</u>	<u>108,419</u>	<u>112,586</u>	<u>116,726</u>	<u>120,833</u>	<u>1,172,224</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

23

C-3E
 Page 1 of 8

TAMPA ELECTRIC COMPANY
 Conservation Program Costs

Actual for Months January 2010 through July 2010
 Projected for Months August 2010 through December 2010

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1. Heating & Cooling										
2. Actual	0	44,193	0	11,976	0	523,375	128	2,511	0	582,183
3. Projected	0	32,154	1,600	9,980	0	336,520	125	125	0	380,504
4. Total	0	76,347	1,600	21,956	0	859,895	253	2,636	0	962,687
5. Prime Time										
6. Actual	3,827	159,635	12,253	43,615	0	3,373,583	10,941	22,375	0	3,626,229
7. Projected	2,109	100,295	0	36,250	0	2,321,098	3,275	16,215	0	2,479,242
8. Total	5,936	259,930	12,253	79,865	0	5,694,681	14,216	38,590	0	6,105,471
9. Energy Audits										
10. Actual	0	617,959	12,819	84,168	195,666	0	48,865	33,976	0	993,453
11. Projected	0	493,768	9,920	143,070	230,670	0	37,230	27,285	0	941,943
12. Total	0	1,111,727	22,739	227,238	426,336	0	86,095	61,261	0	1,935,396
13. Cogeneration										
14. Actual	0	67,700	(19)	0	0	0	697	1,062	0	69,440
15. Projected	0	47,415	0	0	0	0	1,000	0	0	48,415
16. Total	0	115,115	(19)	0	0	0	1,697	1,062	0	117,855
17. Commercial Load Management										
18. Actual	18	268	0	0	0	3,434	0	0	0	3,720
19. Projected	0	4,248	0	0	0	2,664	22	0	0	6,934
20. Total	18	4,516	0	0	0	6,098	22	0	0	10,654
21. Commercial Lighting										
22. Actual	0	22,154	0	0	0	197,627	473	0	0	220,254
23. Projected	0	3,449	0	6,508	0	295,000	185	5,000	0	310,142
24. Total	0	25,603	0	6,508	0	492,627	658	5,000	0	530,396
25. Standby Generator										
26. Actual	0	22,532	15,433	2,346	0	937,085	2,409	0	0	979,805
27. Projected	0	10,227	0	500	0	700,000	930	0	0	711,657
28. Total	0	32,759	15,433	2,846	0	1,637,085	3,339	0	0	1,691,462
29. Conservation Value										
30. Actual	0	2,316	0	0	0	66,153	0	0	0	68,469
31. Projected	0	1,548	0	0	0	9,000	60	0	0	10,608
32. Total	0	3,864	0	0	0	75,153	60	0	0	79,077
33. Duct Repair										
34. Actual	0	48,084	340	8,624	34,223	623,241	1,281	6,833	0	722,626
35. Projected	0	47,592	0	0	67,900	479,000	950	4,905	0	600,347
36. Total	0	95,676	340	8,624	102,123	1,102,241	2,231	11,738	0	1,322,973
37. Renewable Energy Initiative										
38. Actual	0	20,898	66,962	990	0	0	155	6,384	(95,389)	0
39. Projected	0	26,460	425,800	1,665	0	0	901	16,155	(470,981)	0
40. Total	0	47,358	492,762	2,655	0	0	1,056	22,539	(566,370)	0
41. Industrial Load Management										
42. Actual	0	10,583	0	0	0	12,999,693	211	0	0	13,010,487
43. Projected	0	6,730	0	0	0	8,700,000	500	0	0	8,707,230
44. Total	0	17,313	0	0	0	21,699,693	711	0	0	21,717,717
45. DSM R&D										
46. Actual	0	30,947	57,703	38,162	0	0	523	2,100	0	129,435
47. Projected	0	27,250	0	0	0	0	1,870	0	0	29,120
48. Total	0	58,197	57,703	38,162	0	0	2,393	2,100	0	158,555
49. Commercial Cooling										
50. Actual	0	7,510	0	0	0	27,615	0	0	0	35,125
51. Projected	0	12,760	0	0	0	21,500	175	0	0	34,435
52. Total	0	20,270	0	0	0	49,115	175	0	0	69,560
53. Residential New Construction										
54. Actual	0	6,950	0	0	0	244,075	70	0	0	251,095
55. Projected	0	5,927	0	0	0	217,906	0	50	0	223,883
56. Total	0	12,877	0	0	0	461,981	70	50	0	474,978
57. Common Expenses										
58. Actual	0	275,102	0	100,299	0	0	850	11,576	0	387,827
59. Projected	0	213,573	0	0	0	0	600	0	0	214,173
60. Total	0	488,675	0	100,299	0	0	1,450	11,576	0	602,000
61. Price Responsive Load Mgmt										
62. Actual	287,031	463,012	15,812	275,024	133,766	0	37,083	93,769	0	1,305,497
63. Projected	312,057	286,941	12,875	106,950	166,600	0	23,905	71,020	0	980,348
64. Total	599,088	749,953	28,687	381,974	300,366	0	60,988	164,789	0	2,285,845
65. Residential Building Improvement										
66. Actual	0	57,361	343	3,515	0	422,893	1,774	1,135	0	487,021
67. Projected	0	41,861	0	0	0	136,000	1,375	182,050	0	361,286
68. Total	0	99,222	343	3,515	0	558,893	3,149	183,185	0	848,307

TAMPA ELECTRIC COMPANY
 Conservation Program Costs Continued

Actual for Months January 2010 through July 2010
 Projected for Months August 2010 through December 2010

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
69. Educational Energy Awareness (Pilot)										
70. Actual	0	1,163	45,195	4,222	0	0	644	6,295	0	57,519
71. Projected	0	0	30	2,000	0	0	0	90	0	2,120
72. Total	0	1,163	45,225	6,222	0	0	644	6,385	0	59,639
73. Residential Low- Income Weatherization										
74. Actual	0	3,299	100	0	0	3,065	3	162	0	6,629
75. Projected	0	25,382	16,665	0	0	0	0	0	0	42,047
76. Total	0	28,681	16,765	0	0	3,065	3	162	0	48,676
77. Commerical Duct Repair										
78. Actual	0	8,872	0	0	0	699,000	202	426	0	708,500
79. Projected	0	20,491	0	0	0	450,000	275	0	0	470,766
80. Total	0	29,363	0	0	0	1,149,000	477	426	0	1,179,266
81. Commerical Building Improvement										
82. Actual	0	3,737	0	0	0	1,016	0	0	0	4,753
83. Projected	0	5,287	0	0	0	4,240	300	0	0	9,827
84. Total	0	9,024	0	0	0	5,256	300	0	0	14,580
85. Commerical Energy Efficient Motors										
86. Actual	0	409	0	0	0	69	0	0	0	478
87. Projected	0	2,499	0	0	0	625	100	0	0	3,224
88. Total	0	2,908	0	0	0	694	100	0	0	3,702
89. Commerical Demand Response										
90. Actual	0	9,517	0	2,309,839	0	0	399	1,955	0	2,321,710
91. Projected	0	3,365	0	1,400,000	0	0	800	0	0	1,404,165
92. Total	0	12,882	0	3,709,839	0	0	1,199	1,955	0	3,725,875
93. Commerical Chiller Replacement										
94. Actual	0	3,982	0	0	0	9,317	0	0	0	13,299
95. Projected	0	1,225	0	0	0	16,000	125	0	0	17,350
96. Total	0	5,207	0	0	0	25,317	125	0	0	30,649
97. Commerical Occupany Sensors (Lighting)										
98. Actual	0	6,884	0	0	0	38,136	106	0	0	45,126
99. Projected	0	4,708	0	0	0	18,500	65	0	0	23,273
100. Total	0	11,592	0	0	0	56,636	171	0	0	68,399
101. Commerical Refrigeration (Anti-Condensate)										
102. Actual	0	135	0	0	0	0	0	0	0	135
103. Projected	0	675	0	12	0	500	125	0	0	1,312
104. Total	0	810	0	12	0	500	125	0	0	1,447
105. Commerical Water Heating										
106. Actual	0	135	0	0	0	0	0	0	0	135
107. Projected	0	707	0	0	0	600	125	0	0	1,432
108. Total	0	842	0	0	0	600	125	0	0	1,567
109. Total All Programs	<u>605,042</u>	<u>3,321,874</u>	<u>693,831</u>	<u>4,589,715</u>	<u>828,825</u>	<u>33,878,530</u>	<u>181,832</u>	<u>513,454</u>	<u>(566,370)</u>	<u>44,046,733</u>

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **HOWARD T. BRYANT**

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

7
8 **A.** My name is Howard T. Bryant. 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 Manager, Rates in the Regulatory
12 Affairs Department.

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

16
17 **A.** I graduated from the University of Florida in June 1973
18 with a Bachelor of Science degree in Business
19 Administration. I have been employed at Tampa Electric
20 since 1981. My work has included various positions in
21 Customer Service, Energy Conservation Services, Demand
22 Side Management ("DSM") Planning, Energy Management and
23 Forecasting, and Regulatory Affairs. In my current
24 position I am responsible for the company's Energy
25 Conservation Cost Recovery ("ECCR") clause, Environmental

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

PRIME TIME

	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		50,333	7,602	1,135	203	386	0	208	0	181	102	85	0	60,235
3. Depreciation Base		28,182	20,580	19,445	19,242	18,856	18,856	18,648	18,648	18,467	18,365	18,280	18,280	
4. Depreciation Expense		<u>889</u>	<u>406</u>	<u>334</u>	<u>322</u>	<u>317</u>	<u>314</u>	<u>313</u>	<u>311</u>	<u>309</u>	<u>307</u>	<u>305</u>	<u>305</u>	<u>4,432</u>
5. Cumulative Investment	<u>78,515</u>	28,182	20,580	19,445	19,242	18,856	18,856	18,648	18,648	18,467	18,365	18,280	18,280	18,280
6. Less: Accumulated Depreciation	<u>63,062</u>	<u>13,618</u>	<u>6,422</u>	<u>5,621</u>	<u>5,740</u>	<u>5,671</u>	<u>5,985</u>	<u>6,090</u>	<u>6,401</u>	<u>6,529</u>	<u>6,734</u>	<u>6,954</u>	<u>7,259</u>	<u>7,259</u>
7. Net Investment	<u>15,453</u>	<u>14,564</u>	<u>14,158</u>	<u>13,824</u>	<u>13,502</u>	<u>13,185</u>	<u>12,871</u>	<u>12,558</u>	<u>12,247</u>	<u>11,938</u>	<u>11,631</u>	<u>11,326</u>	<u>11,021</u>	<u>11,021</u>
8. Average Investment		15,009	14,361	13,991	13,663	13,344	13,028	12,715	12,403	12,093	11,785	11,479	11,174	
9. Return on Average Investment		89	85	83	81	79	77	76	74	72	70	68	66	920
10. Return Requirements		<u>146</u>	<u>139</u>	<u>136</u>	<u>132</u>	<u>129</u>	<u>126</u>	<u>124</u>	<u>121</u>	<u>118</u>	<u>114</u>	<u>111</u>	<u>108</u>	<u>1,504</u>
11. Total Depreciation and Return		<u>1,035</u>	<u>545</u>	<u>470</u>	<u>454</u>	<u>446</u>	<u>440</u>	<u>437</u>	<u>432</u>	<u>427</u>	<u>421</u>	<u>416</u>	<u>413</u>	<u>5,936</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480%.
Return requirements are calculated using an income tax multiplier of 1.634900.

26

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

COMMERCIAL LOAD MANAGEMENT

1

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	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	324	0	0	0	0	0	0	0	0	324
3. Depreciation Base		324	324	324	0	0	0	0	0	0	0	0	0	
4. Depreciation Expense		5	5	5	3	0	0	0	0	0	0	0	0	18
5. Cumulative Investment	324	324	324	324	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	306	311	316	321	0	0	0	0	0	0	0	0	0	0
7. Net Investment	18	13	8	3	0	0	0	0	0	0	0	0	0	0
8. Average Investment		16	11	6	2	0	0	0	0	0	0	0	0	
9. Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
11. Total Depreciation and Return		5	5	5	3	0	0	0	0	0	0	0	0	18

NOTES:

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

Return on Average Investment is calculated using a monthly rate of 0.59480% .

Return requirements are calculated using an income tax multiplier of 1.634900.

27

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

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		250,069	99,373	217,670	103,400	173,942	79,673	158,072	158,072	158,072	158,072	158,072	158,072	1,872,560
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		1,284,108	1,383,481	1,601,151	1,704,551	1,878,493	1,958,166	2,116,238	2,274,310	2,432,382	2,590,454	2,748,526	2,906,598	
4. Depreciation Expense		<u>19,318</u>	<u>22,230</u>	<u>24,872</u>	<u>27,548</u>	<u>29,859</u>	<u>31,972</u>	<u>33,953</u>	<u>36,588</u>	<u>39,222</u>	<u>41,857</u>	<u>44,492</u>	<u>47,126</u>	<u>399,037</u>
5. Cumulative Investment	1,034,039	1,284,108	1,383,481	1,601,151	1,704,551	1,878,493	1,958,166	2,116,238	2,274,310	2,432,382	2,590,454	2,748,526	2,906,598	2,906,598
6. Less: Accumulated Depreciation	108,538	<u>127,856</u>	<u>150,086</u>	<u>174,958</u>	<u>202,506</u>	<u>232,365</u>	<u>264,337</u>	<u>298,290</u>	<u>334,878</u>	<u>374,100</u>	<u>415,957</u>	<u>460,449</u>	<u>507,575</u>	<u>507,575</u>
7. Net Investment	<u>925,501</u>	<u>1,156,252</u>	<u>1,233,395</u>	<u>1,426,193</u>	<u>1,502,045</u>	<u>1,646,128</u>	<u>1,693,829</u>	<u>1,817,948</u>	<u>1,939,432</u>	<u>2,058,282</u>	<u>2,174,497</u>	<u>2,288,077</u>	<u>2,399,023</u>	<u>2,399,023</u>
8. Average Investment		1,040,877	1,194,824	1,329,794	1,464,119	1,574,087	1,669,979	1,755,889	1,878,690	1,998,857	2,116,390	2,231,287	2,343,550	
9. Return on Average Investment		6,191	7,107	7,910	8,709	9,363	9,933	10,444	11,174	11,889	12,588	13,272	13,939	122,519
10. Return Requirements		<u>10,122</u>	<u>11,619</u>	<u>12,932</u>	<u>14,238</u>	<u>15,308</u>	<u>16,239</u>	<u>17,075</u>	<u>18,268</u>	<u>19,437</u>	<u>20,580</u>	<u>21,698</u>	<u>22,789</u>	<u>200,305</u>
Total Depreciation and Return		<u>29,440</u>	<u>33,849</u>	<u>37,804</u>	<u>41,786</u>	<u>45,167</u>	<u>48,211</u>	<u>51,028</u>	<u>54,856</u>	<u>58,659</u>	<u>62,437</u>	<u>66,190</u>	<u>69,915</u>	<u>599,342</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

28

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1 Heating and Cooling	61,420	69,661	47,106	77,801	88,870	108,910	128,415	76,392	76,028	76,028	76,028	76,028	962,687
2 Prime Time	612,868	609,076	593,336	444,194	447,108	454,984	464,663	459,294	461,256	459,427	558,170	541,095	6,105,471
3 Energy Audits	91,466	106,907	138,008	123,334	153,917	112,695	267,126	216,673	192,282	177,382	177,382	178,224	1,935,396
4 Cogeneration	8,270	9,406	9,837	10,629	7,498	8,509	15,291	9,683	9,683	9,683	9,683	9,683	117,855
5 Commercial Load Management	5	5	5	891	888	1,043	883	1,063	1,878	2,013	990	990	10,654
6 Commercial Lighting	8,289	36,430	2,343	68,870	36,116	20,279	47,927	53,918	54,901	54,901	109,021	37,401	530,396
7 Standby Generator	147,527	140,543	140,015	136,493	145,304	133,342	136,581	141,999	142,356	142,356	142,356	142,590	1,691,462
8 Conservation dalue	211	538	491	66,434	140	468	187	3,222	3,222	3,222	202	740	79,077
9 Duct Repair	127,196	53,566	205,987	61,999	101,390	106,113	66,375	117,371	120,744	120,744	120,744	120,744	1,322,973
10 Renewable Energy Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Industrial Load Management	1,683,623	1,807,256	2,023,648	1,929,920	1,955,475	1,851,331	1,759,234	1,801,446	1,801,446	1,701,446	1,701,446	1,701,446	21,717,717
12 DSM R&D	36,482	33,438	35,331	12,375	5,263	4,561	1,985	5,824	5,824	5,824	5,824	5,824	158,555
13 Commercial Cooling	669	2,614	1,848	6,021	5,227	15,749	2,997	5,155	7,320	7,320	7,320	7,320	69,560
14 Residential New Construction	26,931	30,485	35,015	862	32,632	89,149	36,021	145	1,458	1,458	110,411	110,411	474,978
15 Common Expenses	26,413	63,593	36,384	79,526	50,973	44,744	86,194	43,012	42,824	42,743	42,797	42,797	602,000
16 Price Responsive Load Mgmt	110,300	156,378	180,654	211,456	187,764	193,305	265,640	178,898	172,044	184,075	220,803	224,528	2,285,845
17 Residential Building Improvement	62,485	72,288	55,404	63,342	87,851	86,224	59,427	72,663	72,787	72,787	71,962	71,087	848,307
18 Educational Energy Awareness	990	4,449	5,399	9,409	35,469	3,477	(1,674)	2,040	40	40	0	0	59,639
19 Residential Low- Income Weatherization	307	452	670	764	527	349	3,560	3,333	7,660	7,660	7,660	15,734	48,676
20 Commerical Duct Repair	40,563	62,942	83,500	91,186	121,516	108,049	200,744	93,514	93,842	93,842	93,842	95,726	1,179,266
21 Commerical Building Imprdement	814	1,018	1,083	301	519	328	690	2,035	1,948	1,948	1,948	1,948	14,580
22 Commerical Energy Efficient Motors	0	0	47	41	69	0	321	576	662	662	662	662	3,702
23 Commerical Demand Response	500,754	259,798	250,792	499,064	2,361	527,329	281,612	280,923	280,773	280,773	280,923	280,773	3,725,875
24 Commerical Chiller Replacement	340	6,066	538	269	710	1,906	3,470	3,394	3,489	3,489	3,489	3,489	30,649
25 Commerical Occupany Sensors (Lighting)	543	20,853	2,501	2,120	7,890	4,964	6,255	4,533	4,685	4,685	4,685	4,685	68,399
26 Commerical Refrigeration (Anti-Condensate)	0	0	94	0	0	0	41	260	263	263	263	263	1,447
27 Commerical Water Heating	0	0	94	0	0	0	41	280	288	288	288	288	1,567
28 Total	3,548,466	3,547,762	3,850,130	3,897,301	3,475,477	3,877,808	3,834,006	3,577,646	3,559,703	3,455,059	3,748,899	3,674,476	44,046,733
29 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
30 Recoverable Conservation Expenses	<u>3,548,466</u>	<u>3,547,762</u>	<u>3,850,130</u>	<u>3,897,301</u>	<u>3,475,477</u>	<u>3,877,808</u>	<u>3,834,006</u>	<u>3,577,646</u>	<u>3,559,703</u>	<u>3,455,059</u>	<u>3,748,899</u>	<u>3,674,476</u>	<u>44,046,733</u>

29

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

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>3,822,263</u>	<u>3,451,171</u>	<u>3,325,129</u>	<u>2,976,662</u>	<u>3,409,618</u>	<u>4,113,384</u>	<u>4,154,979</u>	<u>4,224,956</u>	<u>4,261,929</u>	<u>3,902,188</u>	<u>3,364,576</u>	<u>3,308,616</u>	<u>44,315,471</u>
3. Total Revenues	3,822,263	3,451,171	3,325,129	2,976,662	3,409,618	4,113,384	4,154,979	4,224,956	4,261,929	3,902,188	3,364,576	3,308,616	44,315,471
4. Prior Period True-up	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(1,434,024)</u>								
5. Conservation Revenue Applicable to Period	3,702,761	3,331,669	3,205,627	2,857,160	3,290,116	3,993,882	4,035,477	4,105,454	4,142,427	3,782,686	3,245,074	3,189,114	42,881,447
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>3,548,466</u>	<u>3,547,762</u>	<u>3,850,130</u>	<u>3,897,301</u>	<u>3,475,477</u>	<u>3,877,808</u>	<u>3,834,006</u>	<u>3,577,646</u>	<u>3,559,703</u>	<u>3,455,059</u>	<u>3,748,899</u>	<u>3,674,476</u>	<u>44,046,733</u>
7. True-up This Period (Line 5 - Line 6)	154,295	(216,093)	(644,503)	(1,040,141)	(185,361)	116,074	201,471	527,808	582,724	327,627	(503,825)	(485,362)	(1,165,286)
8. Interest Provision This Period (C-3, Page 6, Line 10)	(221)	(205)	(274)	(404)	(657)	(769)	(617)	(511)	(365)	(193)	(183)	(296)	(4,695)
9. True-up & Interest Provision Beginning of Period	(1,434,024)	(1,160,448)	(1,257,244)	(1,782,519)	(2,703,562)	(2,770,078)	(2,535,271)	(2,214,915)	(1,568,116)	(866,255)	(419,319)	(803,825)	(1,434,024)
10. Prior Period True-up Collected/(Refunded)	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>1,434,024</u>								
11. End of Period Total Net True-up	<u>(1,160,448)</u>	<u>(1,257,244)</u>	<u>(1,782,519)</u>	<u>(2,703,562)</u>	<u>(2,770,078)</u>	<u>(2,535,271)</u>	<u>(2,214,915)</u>	<u>(1,568,116)</u>	<u>(866,255)</u>	<u>(419,319)</u>	<u>(803,825)</u>	<u>(1,169,981)</u>	<u>(1,169,981)</u>

* Net of Revenue Taxes

(A) included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	12,315,494	0.68	(795,587)
Energy	5,838,616	0.32	(374,394)
Total	18,154,110	1.00	(1,169,981)

30

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

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)	(\$1,434,024)	(\$1,160,448)	(\$1,257,244)	(\$1,782,519)	(\$2,703,562)	(\$2,770,078)	(\$2,535,271)	(\$2,214,915)	(\$1,568,116)	(\$866,255)	(\$419,319)	(\$803,825)	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>(1,160,227)</u>	<u>(1,257,039)</u>	<u>(1,782,245)</u>	<u>(2,703,168)</u>	<u>(2,769,421)</u>	<u>(2,534,502)</u>	<u>(2,214,298)</u>	<u>(1,567,605)</u>	<u>(865,890)</u>	<u>(419,126)</u>	<u>(803,642)</u>	<u>(1,169,685)</u>	
3. Total Beginning & Ending True-up	<u>(\$2,594,251)</u>	<u>(\$2,417,487)</u>	<u>(\$3,039,489)</u>	<u>(\$4,485,677)</u>	<u>(\$5,472,983)</u>	<u>(\$5,304,580)</u>	<u>(\$4,749,569)</u>	<u>(\$3,782,520)</u>	<u>(\$2,434,006)</u>	<u>(\$1,285,381)</u>	<u>(\$1,222,961)</u>	<u>(\$1,973,510)</u>	
4. Average True-up Amount (50% of Line 3)	<u>(\$1,297,126)</u>	<u>(\$1,208,744)</u>	<u>(\$1,519,745)</u>	<u>(\$2,242,839)</u>	<u>(\$2,736,492)</u>	<u>(\$2,652,290)</u>	<u>(\$2,374,785)</u>	<u>(\$1,891,260)</u>	<u>(\$1,217,003)</u>	<u>(\$642,691)</u>	<u>(\$611,481)</u>	<u>(\$986,755)</u>	
5. Interest Rate - First Day of Month	<u>0.200%</u>	0.200%	0.210%	0.210%	0.230%	0.340%	0.350%	0.280%	0.360%	0.360%	0.360%	0.360%	
6. Interest Rate - First Day of Next Month	<u>0.200%</u>	<u>0.210%</u>	<u>0.210%</u>	<u>0.230%</u>	<u>0.340%</u>	<u>0.350%</u>	<u>0.280%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
7. Total (Line 5 + Line 6)	<u>0.400%</u>	<u>0.410%</u>	<u>0.420%</u>	<u>0.440%</u>	<u>0.570%</u>	<u>0.690%</u>	<u>0.630%</u>	<u>0.640%</u>	<u>0.720%</u>	<u>0.720%</u>	<u>0.720%</u>	<u>0.720%</u>	
8. Average Interest Rate (50% of Line 7)	<u>0.200%</u>	<u>0.205%</u>	<u>0.210%</u>	<u>0.220%</u>	<u>0.285%</u>	<u>0.345%</u>	<u>0.315%</u>	<u>0.320%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.017%</u>	<u>0.017%</u>	<u>0.018%</u>	<u>0.018%</u>	<u>0.024%</u>	<u>0.029%</u>	<u>0.026%</u>	<u>0.027%</u>	<u>0.030%</u>	<u>0.030%</u>	<u>0.030%</u>	<u>0.030%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>(\$221)</u>	<u>(\$205)</u>	<u>(\$274)</u>	<u>(\$404)</u>	<u>(\$657)</u>	<u>(\$769)</u>	<u>(\$617)</u>	<u>(\$511)</u>	<u>(\$365)</u>	<u>(\$193)</u>	<u>(\$183)</u>	<u>(\$296)</u>	<u>(\$4,695)</u>

31

TAMPA ELECTRIC COMPANY
Energy Conservation
Calculation of Conservation Revenues

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,639,971	-	3,822,263
February	1,461,111	-	3,451,171
March	1,431,325	-	3,325,129
April	1,333,353	-	2,976,662
May	1,503,716	-	3,409,618
June	1,831,356	-	4,113,384
July	1,841,654	-	4,154,979
August	1,829,448	-	4,224,956
September	1,846,549	-	4,261,929
October	1,663,376	-	3,902,188
November	1,414,862	-	3,364,576
December	1,394,178	-	3,308,616
Total	<u>19,190,900</u>	<u>0</u>	<u>44,315,471</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, 2010 to December 31, 2010

There are 5,000 units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 2,000 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$962,687.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$405,744.

**Program Progress
Summary:**

Through December 31, 2009, there were 167,446 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, 2010 to December 31, 2010

There are 45,620 projected customers for this program on a cumulative basis.

January 1, 2011 to December 31, 2011

There are 43,520 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Estimated expenditures are \$6,105,471.

January 1, 2011 to December 31, 2011

Estimated expenditures are \$5,947,560.

Program Progress Summary:

There were 48,080 cumulative customers participating through December 31, 2009.

Breakdown is as follows:

Water Heating	43,807
Air Conditioning	32,760
Heating	34,190
Pool Pump	9,927

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, 2010 to December 31, 2010

Residential – 11,105 (RCS - 0; Free -9,500; On-line – 1,600, Phone-in 5)

Comm/Ind – 800 (Paid - 0; Free – 800)

January 1, 2011 to December 31, 2011

Residential – 10,820 (RCS - 0; Free – 9,000; On-line – 1,800, Phone-in 20)

Comm/Ind – 1,201 (Paid - 1 Free – 1,200)

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are expected to be \$1,935,396.

January 1, 2011 to December 31, 2011

Expenditures are expected to be \$2,258,408.

Program Progress Summary:

Through December 31, 2009 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	255,214
Residential Cust. Assisted ⁽¹⁾	114,662
Commercial-Ind (Fee)	226
Commercial-Ind (Free)	19,167
Commercial Mail-in	1,477

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

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COGENERATION

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

Program Projections: January 1, 2010 to December 31, 2010

Communication and interaction will continue with all present and potential cogeneration customers. Tampa Electric is currently working with a customer to evaluate the economics of additional capacity in 2011, but a final decision will not be made for several months. In addition, nearly 10 MW of cogeneration capacity was added in 2010, as previously planned. However, approximately 40 MW of customer cogeneration will be supplied to another utility, as its purchase power agreement with Tampa Electric expired in 2010.

January 1, 2011 to December 31, 2011

The development and publication of the 20-Year Cogeneration Forecast will occur in.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$117,855.

January 1, 2011 to December 31, 2011

Expenditures are estimated to be \$123,624.

Program Progress Summary:

The projected total maximum generation by electrically interconnected cogeneration during 2011 will be approximately 561 MW. This is a decrease of 40 MW due to the expiration of a purchase power agreement noted above.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in our service area.

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, 2010 to December 31, 2010

There are no new installations expected.

January 1, 2011 to December 31, 2011

One installation is expected.

Program Fiscal Expenditures: January 1, 2010 to December 31, 2010

Expenses of \$10,654 are estimated.

January 1, 2011 to December 31, 2011

Expenses of \$6,730 are estimated.

Program Progress Summary: Through December 31, 2009 there were seven commercial installations in service.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LIGHTING

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

Program Projections: January 1, 2010 to December 31, 2010

During this period, 150 customers are expected to participate.

January 1, 2011 to December 31, 2011

During this period, 51 customers are expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$530,396.

January 1, 2011 to December 31, 2011

Expenditures estimated for this period are \$310,377.

**Program Progress
Summary:**

Through December 31, 2009, there were 1,282 customers that participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: STANDBY GENERATOR

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

Program Projections: January 1, 2010 to December 31, 2010

Five installations are expected.

January 1, 2011 to December 31, 2011

One installation is expected.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$1,691,462.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$1,986,340.

**Program Progress
Summary:**

Through December 31, 2009, there are 84 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, 2010 to December 31, 2010

One customer is expected to participate during this period.

January 1, 2011 to December 31, 2011

Two customers are expected to participate during this period.

Program Fiscal Expenditures: January 1, 2010 to December 31, 2010

Estimated expenses are \$79,077.

January 1, 2011 to December 31, 2011

Estimated expenses are \$157,773.

Program Progress Summary:

Through December 31, 2009, there were 31 customers that earned incentive dollars. Tampa Electric continues to work with customers on evaluations of various measures.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DUCT REPAIR

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

Program Projections: January 1, 2010 to December 31, 2010

There are 6,200 repairs projected to be made.

January 1, 2011 to December 31, 2011

There are 6,202 repairs projected to be made.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$1,322,973.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$1,324,128.

Program Progress Summary:

Through December 31, 2009, there are 78,666 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, 2010 to December 31, 2010

There are 2,641 customers with 3,719 subscribed blocks estimated for this period on a cumulative basis.

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

January 1, 2011 to December 31, 2011

There are 2,700 customers with 4,000 subscribed blocks estimated for this period on a cumulative basis.

There are 1,000 blocks estimated to be purchased for this period on a one time basis.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

For the period, the company anticipated excess revenues of approximately \$207,000 to be used for new renewable generation.

January 1, 2011 to December 31, 2011

For the period, expenditures are estimated to be \$270,188.

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

**Program Progress
Summary:**

Through December 31, 2009, there were 2,730 customers with 3,822 blocks subscribed. In addition, there were 1,376 blocks of renewable energy purchased on a one time basis.

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, 2010 to December 31, 2010

No new customers are expected to participate.

January 1, 2011 to December 31, 2011

No new customers are expected to participate.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$21,717,717.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$21,016,001.

Program Progress Summary:

Through December 31, 2009, 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, 2010 to December 31, 2010
Expenditures are estimated at \$158,555.
January 1, 2011 to December 31, 2011
Expenditures are estimated at \$42,667.

Program Progress Summary: For 2010, Tampa Electric continues its pilot program to evaluate the feasibility of a commercial price responsive load management rate. The project was approved by the Commission in Docket No. 090228-EG, Order No. PSC-09-0501-TRF-EG, issued July 15, 2009.

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, 2010 to December 31, 2010

There are 141 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 135 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$69,560.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$67,704.

Program Progress Summary:

Through December 31, 2009, there were 1,121 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY PLUS HOMES

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, 2010 to December 31, 2010

There are 600 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 734 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$474,978.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$437,112.

Program Progress Summary:

Through December 31, 2009, a total of 297 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, 2010 to December 31, 2010

Expenditures are estimated to be \$602,000.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$591,624.

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, 2010 to December 31, 2010

There are 1,480 projected customers for this program on a cumulative basis.

January 1, 2011 to December 31, 2011

There are 2,500 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$2,285,845.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$2,630,953.

Program Progress Summary:

Through December 31, 2009, there were 674 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, 2010 to December 31, 2010

Ceiling Insulation – 1,960
Wall Insulation - 9
Window Upgrades – 1,200
Window Film - 555

January 1, 2011 to December 31, 2011

Ceiling Insulation – 1,900
Wall Insulation - 10
Window Upgrades – 1,150
Window Film - 565

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$848,307.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$857,780.

Program Progress Summary:

Through December 31, 2009, there were 85,202 customers that participated in the company's residential building envelope improvement program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: EDUCATIONAL EDUCATION OUTREACH

Program Description: A three year pilot program designed to save demand and energy by increasing customer awareness of energy use in personal residences. This program is aimed at schools within the Tampa Electric service area and designed to educate students on energy awareness through scripted, professionally written presentations using humor, interactive theater and classroom guides to teach students the benefits of energy efficiency.

Program Projections: January 1, 2010 to December 31, 2010.

51 program presentations are projected to be completed for Hillsborough County schools for the 2009 – 2010 school year.

January 1, 2011 to December 31, 2011.

Pilot program terminates on October 15, 2010, per Commission ruling in Docket No. 070375-EG, Order No. PSC-07-0822-PAA-EG, issued October 15, 2007.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$59,639.

January 1, 2011 to December 31, 2011

No expenditures are estimated.

Program Progress Summary:

Through 2009, Tampa Electric partnered with 16 local schools to present the pilot program to 13,820 students in 612 classes, resulting in 59 additional audits being completed.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL LOW-INCOME WEATHERIZATION

Program Description: A program designed to assist low-income families in reducing their energy usage by providing and/or installing the necessary materials for the various conservation measures, as well as educating families on energy conservation techniques that promote behavioral changes to help customers control their energy usage.

Program Projections: January 1, 2010 to December 31, 2010

There are 74 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 100 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$48,676.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$63,570.

Program Progress Summary:

Through December 31, 2009, a total of 333 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, 2010 to December 31, 2010

There are 5,745 repairs expected to be made.

January 1, 2011 to December 31, 2011

There are 5,991 repairs projected to be made.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,179,266.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,246,620.

Program Progress Summary:

Through December 31, 2009, a total of 1,237 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, 2010 to December 31, 2010

Ceiling Insulation – 5
Wall Insulation - 1
Window Film - 15

January 1, 2011 to December 31, 2011

Ceiling Insulation - 5
Wall Insulation - 1
Window Film - 20

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$14,580.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$20,208.

**Program Progress
Summary:**

Through December 31, 2009, a total of 36 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, 2010 to December 31, 2010

There are eight motors projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are four motors projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$3,702.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,197.

Program Progress Summary:

Through December 31, 2009, a total of seven 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, 2010 to December 31, 2010

There are 35 MW of demand response available for control.

January 1, 2011 to December 31, 2011

There are 35 MW of demand response projected to be available for control.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$3,725,875.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$3,730,984.

Program Progress

Summary:

Tampa Electric is currently subscribed for 35 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, 2010 to December 31, 2010

There are six units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are three units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$30,649.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$19,464.

Program Progress Summary:

Through December 31, 2009, a total of 20 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, 2010 to December 31, 2010

There are 53 units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 62 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$68,399.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$75,924.

Program Progress Summary:

Through December 31, 2009, a total of 23 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, 2010 to December 31, 2010

There is one unit projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are three units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,447.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$4,968.

**Program Progress
Summary:**

Through December 31, 2009, 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, 2010 to December 31, 2010

There is one unit projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are five units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,567.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$5,028.

Program Progress Summary:

Through December 31, 2009, no customers have participated in this program.

**RESIDENTIAL SERVICE
2011 VARIABLE PRICING (RSVP-1) RATES
Existing 2005-2014 DSM Plan
CENTS PER KWH**

Rate Tiers	Base Rate	Fuel	Capacity	Environmental	Conservation	Total Clauses	Base Rate Plus Clauses
P4	4.845	4.225	0.336	0.404	33.546	38.511	43.356
P3	4.845	4.225	0.336	0.404	5.986	10.951	15.796
P2	4.845	4.225	0.336	0.404	(0.787)	4.178	9.023
P1	4.845	4.225	0.336	0.404	(1.452)	3.513	8.358

C-1P
 Page 1 of 1

TAMPA ELECTRIC COMPANY
 Energy Conservation Adjustment
 Summary of Cost Recovery Clause Calculation
 For Months January 2011 through December 2011

1. Total Incremental Cost (C-2, Page 1, Line 17)	53,297,809
2. Demand Related Incremental Costs	34,340,568
3. Energy Related Incremental Costs	18,957,241

RETAIL BY RATE CLASS

	RS	GS, TS	GSD, SBF STANDARD	GSD OPTIONAL	IS	LS1	Total
4. Demand Allocation Percentage	54.30%	5.69%	33.90%	1.81%	3.97%	0.33%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	18,646,928	1,953,978	11,641,453	621,564	1,363,321	113,324	<u>34,340,568</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 12 (Allocation of D & E is based on the forecast period cost.)	<u>742,367</u>	<u>77,791</u>	<u>463,467</u>	<u>24,746</u>	<u>54,276</u>	<u>4,512</u>	<u>1,367,158</u>
7. Total Demand Related Incremental Costs	<u>19,389,295</u>	<u>2,031,770</u>	<u>12,104,919</u>	<u>646,310</u>	<u>1,417,597</u>	<u>117,835</u>	<u>35,707,726</u>
8. Energy Allocation Percentage	46.99%	5.64%	38.62%	2.06%	5.46%	1.23%	100.00%
9. Net Energy Related Incremental Costs	8,908,008	1,069,188	7,321,286	390,519	1,035,065	233,174	<u>18,957,241</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 7, Line 13 (Allocation of D & E is based on the forecast period cost.)	<u>202,872</u>	<u>24,350</u>	<u>166,736</u>	<u>8,894</u>	<u>23,573</u>	<u>5,310</u>	<u>431,734</u>
11. Total Net Energy Related Incremental Costs	<u>9,110,879</u>	<u>1,093,538</u>	<u>7,488,022</u>	<u>399,413</u>	<u>1,058,638</u>	<u>238,484</u>	<u>19,388,975</u>
12. Total Incremental Costs (Line 5 + 9)	27,554,936	3,023,167	18,962,739	1,012,083	2,398,386	346,498	53,297,809
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 7, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>945,239</u>	<u>102,141</u>	<u>630,202</u>	<u>33,639</u>	<u>77,849</u>	<u>9,822</u>	<u>1,798,892</u>
14. Total (Line 12 + 13)	<u>28,500,175</u>	<u>3,125,308</u>	<u>19,592,941</u>	<u>1,045,723</u>	<u>2,476,235</u>	<u>356,320</u>	<u>55,096,701</u>
15. Retail MWH Sales	8,863,147	1,064,630	7,310,448	390,057	1,066,368	231,963	18,926,613
16. Effective MWH at Secondary	8,863,147	1,064,630	7,310,448	390,057	1,066,368	231,963	18,926,613
17. Projected Billed KW at Meter	*	*	17,347,485	*	2,462,951	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.32156	0.29356	*	0.26810	*	0.15361	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.3218	0.2938	*	0.2683	*	0.1537	
21. Conservation Adjustment Factor (cents/KWH)							
RS, GS, TS, GSD Optional and LS1 Rates (cents/KWH) *							
- Secondary	<u>0.322</u>	<u>0.294</u>		<u>0.268</u>		<u>0.154</u>	
- Primary				<u>0.265</u>			
- Subtransmission				<u>0.263</u>			
GSD, SBF, IS Standard Rates (\$/KW) *							
Full Requirement							
- Secondary	*	*	<u>1.13</u>	*	<u>1.01</u>	*	
- Primary	*	*	<u>1.12</u>	*	<u>1.00</u>	*	
- Subtransmission	*	*	<u>1.11</u>	*	<u>0.99</u>	*	

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

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2011 through December 2011

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	95,678	1,148,136
2 Prime Time (D)	603,145	585,160	579,306	430,336	430,762	441,237	468,175	450,123	447,039	445,250	541,758	525,269	5,947,560
3 Energy Audits (E)	283,237	283,238	283,240	283,237	283,240	294,237	304,239	319,238	294,239	283,239	283,238	252,549	3,447,171
4 Cogeneration (E)	10,227	10,227	10,227	10,427	10,427	10,427	10,427	10,427	10,427	10,227	10,227	10,227	123,924
5 Commercial Load Mgmt (D)	40	161	80	870	991	876	963	883	883	881	51	51	6,730
6 Commercial Lighting (E)	42,607	42,606	42,607	42,606	42,607	42,606	42,607	42,606	42,607	42,606	44,760	32,398	503,223
7 Standby Generator (D)	162,790	169,921	177,421	164,539	164,539	162,790	170,390	162,790	162,790	162,790	162,790	162,790	1,966,340
8 Conservation Value (E)	7,635	7,635	73,788	7,635	7,635	7,635	7,635	7,635	7,635	7,635	7,635	7,635	157,773
9 Duct Repair (E)	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	240,769	2,889,228
10 Renewable Energy Initiative (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative (E)	125,439	125,440	125,439	125,440	125,439	127,455	129,455	129,430	129,407	129,383	129,357	129,334	1,531,018
12 Industrial Load Management (D)	1,700,773	1,800,773	1,700,773	1,802,118	1,702,118	1,802,118	1,802,118	1,802,118	1,800,773	1,700,773	1,700,773	1,700,773	21,016,001
13 DSM R&D (D&E) (50% D, 50% E)	7,684	7,684	7,684	7,684	7,431	4,500	0	0	0	0	0	0	42,667
14 Commercial Cooling (E)	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	16,053	192,636
15 Residential New Construction (E)	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	110,428	1,325,136
16 Common Expenses (D&E) (50% D, 50% E)	69,502	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	49,302	611,824
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	254,528	259,767	263,324	259,102	284,250	270,407	274,912	279,966	283,345	296,089	301,055	304,342	3,311,087
18 Residential Building Envelope Improvement (E)	116,371	116,371	116,371	116,371	126,371	127,717	127,717	117,717	117,717	116,371	116,371	116,371	1,431,836
19 Residential Electronic Commutated Motors (E)	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	43,757	525,084
20 Energy Education Outreach (E)	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	11,571	138,852
21 Residential Re-Commissioning (E)	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	17,842	214,104
22 Residential Low-Income Weatherization (E)	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	64,624	775,488
23 Commercial Duct Repair (E)	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	142,932	1,715,164
24 Commercial Energy Recovery Ventilation (E)	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	7,289	87,468
25 Commercial Building Envelope Improvement (E)	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	13,534	162,408
26 Commercial Energy Efficient Motors (E)	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	1,673	20,076
27 Commercial Demand Response (D)	282,941	280,773	280,773	282,941	283,973	280,773	280,773	282,941	280,773	280,773	282,941	300,773	3,401,148
28 Commercial Chiller Replacement (E)	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	9,240	110,880
29 Commercial Occupancy Sensors (Lighting) (E)	7,076	7,077	7,077	7,077	7,077	7,077	7,077	7,077	7,077	7,077	7,077	7,077	84,923
30 Commercial Refrigeration (Anti-Condensate) (E)	470	470	470	470	470	470	470	470	470	470	470	470	5,540
31 Commercial Water Heating (E)	419	419	419	419	419	419	419	419	419	419	419	419	5,028
32 Commercial HVAC Re-Commissioning (E)	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	26,593	319,116
33 Commercial Electronic Commutated Motors	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	1,592	19,104
34 Cool Roof (E)	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	3,418	41,016
35 Total All Programs	4,481,877	4,554,017	4,525,294	4,397,567	4,314,044	4,437,039	4,483,672	4,470,135	4,441,886	4,340,278	4,445,217	4,406,773	53,297,809
36 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Recoverable Conserv. Expenses	<u>4,481,877</u>	<u>4,554,017</u>	<u>4,525,294</u>	<u>4,397,567</u>	<u>4,314,044</u>	<u>4,437,039</u>	<u>4,483,672</u>	<u>4,470,135</u>	<u>4,441,886</u>	<u>4,340,278</u>	<u>4,445,217</u>	<u>4,406,773</u>	<u>53,297,809</u>
Summary of Demand & Energy													
Energy	1,566,331	1,559,852	1,626,796	1,558,719	1,571,169	1,587,140	1,599,146	1,606,646	1,583,314	1,577,115	1,581,725	1,540,295	18,957,241
Demand	<u>2,915,546</u>	<u>2,995,165</u>	<u>2,898,508</u>	<u>2,838,848</u>	<u>2,742,875</u>	<u>2,849,899</u>	<u>2,884,526</u>	<u>2,863,489</u>	<u>2,858,572</u>	<u>2,763,163</u>	<u>2,863,492</u>	<u>2,866,478</u>	<u>34,340,568</u>
Total Recoverable Conserv. Expenses	<u>4,481,877</u>	<u>4,554,017</u>	<u>4,525,294</u>	<u>4,397,567</u>	<u>4,314,044</u>	<u>4,437,039</u>	<u>4,483,672</u>	<u>4,470,135</u>	<u>4,441,886</u>	<u>4,340,278</u>	<u>4,445,217</u>	<u>4,406,773</u>	<u>53,297,809</u>

62

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2011 through December 2011

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	71,496	3,840	23,952	156,000	888,744	480	3,624	0	1,148,136
2 Prime Time (D)	2,555	183,296	28,000	86,550	0	5,594,968	11,427	40,764	0	5,947,560
3 Energy Audits (E)	0	1,461,856	12,336	337,488	1,442,291	0	94,360	78,840	0	3,447,171
4 Cogeneration (E)	0	120,624	0	0	0	0	3,300	0	0	123,924
5 Commercial Load Mgmt (D)	78	749	0	0	0	5,810	93	0	0	6,730
6 Commercial Lighting (E)	0	39,425	0	0	150,330	312,868	360	240	0	503,223
7 Standby Generator (D)	0	48,444	15,000	1,200	0	1,920,000	1,696	0	0	1,986,340
8 Conservation Value (E)	0	7,380	0	0	0	150,153	240	0	0	157,773
9 Duct Repair (E)	0	100,092	0	0	279,000	2,497,308	720	12,108	0	2,889,228
10 Renewable Energy Initiative (E)	0	34,449	200,000	22,203	0	0	540	12,996	(270,188)	0
11 Renewable Energy Systems Initiative (E)	25,739	126,756	0	24,900	22,864	1,327,999	2,760	0	0	1,531,018
12 Industrial Load Management (D)	0	14,801	0	0	0	21,000,000	1,200	0	0	21,016,001
13 DSM R&D (D&E) (50% D, 50% E)	0	14,307	0	27,000	0	0	1,360	0	0	42,667
14 Commercial Cooling (E)	0	38,904	0	0	46,260	106,872	600	0	0	192,636
15 Residential New Construction (E)	0	21,900	0	0	0	1,303,116	0	120	0	1,325,136
16 Common Expenses (D&E) (50% D, 50% E)	0	590,304	20,200	0	0	0	1,320	0	0	611,824
17 Price Responsive Load Mgmt (D&E) (50% D, 50% E)	1,168,542	783,957	6,000	346,680	868,504	0	130,764	8,640	0	3,311,087
18 Residential Building Envelope Improvement (E)	0	124,064	0	0	0	1,302,444	2,460	2,868	0	1,431,836
19 Residential Electronic Commutated Motors (E)	0	134,280	0	60,000	29,004	300,000	1,800	0	0	525,084
20 Energy Education Outreach (E)	0	33,912	64,740	0	37,500	0	2,100	600	0	138,852
21 Residential Re-Commissioning (E)	0	25,260	0	4,044	75,000	108,000	1,800	0	0	214,104
22 Residential Low- Income Weatherization (E)	0	116,520	150,864	500,004	0	0	3,900	4,200	0	775,488
23 Commercial Duct Repair (E)	0	83,984	0	0	0	1,650,000	1,200	0	0	1,735,184
24 Commercial Energy Recovery Ventilation (E)	0	63,456	0	0	11,268	12,504	0	240	0	87,468
25 Commercial Building Envelope Improvement (E)	0	58,488	0	6,000	0	96,120	1,560	240	0	162,408
26 Commercial Energy Efficient Motors (E)	0	5,904	0	0	972	12,000	1,200	0	0	20,076
27 Commercial Demand Response (D)	0	16,148	0	3,380,000	0	0	1,800	3,200	0	3,401,148
28 Commercial Chiller Replacement (E)	0	3,192	0	0	24,996	82,392	300	0	0	110,880
29 Commercial Occupancy Sensors (Lighting) (E)	0	9,948	0	0	0	74,375	600	0	0	84,923
30 Commercial Refrigeration (Anti-Condensate) (E)	0	1,668	0	0	672	3,000	300	0	0	5,640
31 Commercial Water Heating (E)	0	1,728	0	0	0	3,000	300	0	0	5,028
32 Commercial HVAC Re-Commissioning (E)	0	7,056	0	0	29,820	282,000	0	240	0	319,116
33 Commercial Electronic Commutated Motors	0	4,932	0	0	10,572	3,000	0	600	0	19,104
34 Cool Roof (E)	0	10,716	0	0	0	30,000	0	300	0	41,016
35 Total All Programs	<u>1,194,914</u>	<u>4,359,996</u>	<u>500,980</u>	<u>4,620,021</u>	<u>3,185,053</u>	<u>39,066,673</u>	<u>270,540</u>	<u>169,820</u>	<u>(270,188)</u>	<u>53,297,809</u>
Summary of Demand & Energy										
Energy	609,010	3,402,274	444,880	1,165,431	2,750,801	10,545,895	187,602	121,536	(270,188)	18,957,241
Demand	<u>585,904</u>	<u>957,722</u>	<u>56,100</u>	<u>3,654,590</u>	<u>434,252</u>	<u>28,520,778</u>	<u>82,938</u>	<u>46,284</u>	<u>0</u>	<u>34,340,568</u>
Total All Programs	<u>1,194,914</u>	<u>4,359,996</u>	<u>500,980</u>	<u>4,620,021</u>	<u>3,185,053</u>	<u>39,066,673</u>	<u>270,540</u>	<u>169,820</u>	<u>(270,188)</u>	<u>53,297,809</u>

63

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011

PRIME TIME

	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	138	141	15,545	0	0	0	0	0	0	0	2,455	18,279
3. Depreciation Base		18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	1	
4. Depreciation Expense		<u>305</u>	<u>304</u>	<u>301</u>	<u>170</u>	<u>41</u>	<u>20</u>	<u>1,387</u>						
5. Cumulative Investment	18,280	18,280	18,142	18,001	2,456	2,456	2,456	2,456	2,456	2,456	2,456	2,456	1	1
6. Less: Accumulated Depreci	7,259	<u>7,564</u>	<u>7,730</u>	<u>7,890</u>	<u>(7,485)</u>	<u>(7,444)</u>	<u>(7,403)</u>	<u>(7,362)</u>	<u>(7,321)</u>	<u>(7,280)</u>	<u>(7,239)</u>	<u>(7,198)</u>	<u>(9,633)</u>	<u>(9,633)</u>
7. Net Investment	<u>11,021</u>	<u>10,716</u>	<u>10,412</u>	<u>10,111</u>	<u>9,941</u>	<u>9,900</u>	<u>9,859</u>	<u>9,818</u>	<u>9,777</u>	<u>9,736</u>	<u>9,695</u>	<u>9,654</u>	<u>9,634</u>	<u>9,634</u>
8. Average Investment		10,869	10,564	10,262	10,026	9,921	9,880	9,839	9,798	9,757	9,716	9,675	9,644	
9. Return on Average Investment		65	63	61	60	59	59	59	58	58	58	58	57	715
10. Return Requirements		<u>106</u>	<u>103</u>	<u>100</u>	<u>98</u>	<u>96</u>	<u>96</u>	<u>96</u>	<u>95</u>	<u>95</u>	<u>95</u>	<u>95</u>	<u>93</u>	<u>1,168</u>
11. Total Depreciation and Return		<u>411</u>	<u>407</u>	<u>401</u>	<u>268</u>	<u>137</u>	<u>137</u>	<u>137</u>	<u>136</u>	<u>136</u>	<u>136</u>	<u>136</u>	<u>113</u>	<u>2,555</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

64

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011
COMMERCIAL 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	450	0	0	0	0	0	0	450
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	450	450	450	450	450	450	450	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>52</u>
5. Cumulative Investment	0	0	0	0	0	0	450	450	450	450	450	450	450	450
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>12</u>	<u>20</u>	<u>28</u>	<u>36</u>	<u>44</u>	<u>52</u>	<u>52</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>446</u>	<u>438</u>	<u>430</u>	<u>422</u>	<u>414</u>	<u>406</u>	<u>398</u>	<u>398</u>
8. Average Investment		0	0	0	0	0	223	442	434	426	418	410	402	
9. Return on Average Investment		0	0	0	0	0	1	3	3	3	2	2	2	16
10. Return Requirements		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>26</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>6</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>11</u>	<u>11</u>	<u>11</u>	<u>78</u>

65

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	186,086	2,233,032
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		3,073,366	3,259,452	3,445,538	3,631,624	3,817,710	4,003,796	4,189,882	4,375,968	4,562,054	4,748,140	4,934,226	5,120,312	
4. Depreciation Expense		<u>49,672</u>	<u>52,773</u>	<u>55,875</u>	<u>58,976</u>	<u>62,078</u>	<u>65,179</u>	<u>68,281</u>	<u>71,382</u>	<u>74,484</u>	<u>77,585</u>	<u>80,686</u>	<u>83,788</u>	<u>800,759</u>
5. Cumulative Investment	2,887,280	3,073,366	3,259,452	3,445,538	3,631,624	3,817,710	4,003,796	4,189,882	4,375,968	4,562,054	4,748,140	4,934,226	5,120,312	5,120,312
6. Less: Accumulated Depreciation	505,804	<u>555,476</u>	<u>608,249</u>	<u>664,124</u>	<u>723,100</u>	<u>785,178</u>	<u>850,357</u>	<u>918,638</u>	<u>990,020</u>	<u>1,064,504</u>	<u>1,142,089</u>	<u>1,222,775</u>	<u>1,306,563</u>	<u>1,306,563</u>
7. Net Investment	<u>2,381,476</u>	<u>2,517,890</u>	<u>2,651,203</u>	<u>2,781,414</u>	<u>2,908,524</u>	<u>3,032,532</u>	<u>3,153,439</u>	<u>3,271,244</u>	<u>3,385,948</u>	<u>3,497,550</u>	<u>3,606,051</u>	<u>3,711,451</u>	<u>3,813,749</u>	<u>3,813,749</u>
8. Average Investment		2,449,683	2,584,547	2,716,309	2,844,969	2,970,528	3,092,986	3,212,342	3,328,596	3,441,749	3,551,801	3,658,751	3,762,600	
9. Return on Average Investment		14,571	15,373	16,157	16,922	17,669	18,397	19,107	19,798	20,472	21,126	21,762	22,380	223,734
10. Return Requirements		<u>23,822</u>	<u>25,133</u>	<u>26,415</u>	<u>27,666</u>	<u>28,887</u>	<u>30,077</u>	<u>31,238</u>	<u>32,368</u>	<u>33,470</u>	<u>34,539</u>	<u>35,579</u>	<u>36,589</u>	<u>365,783</u>
Total Depreciation and Return		<u>73,494</u>	<u>77,906</u>	<u>82,290</u>	<u>86,642</u>	<u>90,965</u>	<u>95,256</u>	<u>99,519</u>	<u>103,750</u>	<u>107,954</u>	<u>112,124</u>	<u>116,265</u>	<u>120,377</u>	<u>1,166,542</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

66

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2011 through December 2011

RENEWABLE ENERGY SYSTEMS INITIATIVE

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	153,102	0	0	0	0	0	0	153,102
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	153,102	153,102	153,102	153,102	153,102	153,102	153,102	
4. Depreciation Expense		0	0	0	0	0	<u>1,276</u>	<u>2,552</u>	<u>2,552</u>	<u>2,552</u>	<u>2,552</u>	<u>2,552</u>	<u>2,552</u>	<u>16,588</u>
5. Cumulative Investment	0	0	0	0	0	0	153,102	153,102	153,102	153,102	153,102	153,102	153,102	153,102
6. Less: Accumulated Depreciation	0	0	0	0	0	0	<u>1,276</u>	<u>3,828</u>	<u>6,380</u>	<u>8,932</u>	<u>11,484</u>	<u>14,036</u>	<u>16,588</u>	<u>16,588</u>
7. Net Investment	0	0	0	0	0	0	<u>151,826</u>	<u>149,274</u>	<u>146,722</u>	<u>144,170</u>	<u>141,618</u>	<u>139,066</u>	<u>136,514</u>	<u>136,514</u>
8. Average Investment		0	0	0	0	0	75,913	150,550	147,998	145,446	142,894	140,342	137,790	
9. Return on Average Investment		0	0	0	0	0	452	895	880	865	850	835	820	5,597
10. Return Requirements		0	0	0	0	0	<u>739</u>	<u>1,463</u>	<u>1,439</u>	<u>1,414</u>	<u>1,390</u>	<u>1,365</u>	<u>1,341</u>	<u>9,151</u>
Total Depreciation and Return		0	0	0	0	0	<u>2,015</u>	<u>4,015</u>	<u>3,991</u>	<u>3,966</u>	<u>3,942</u>	<u>3,917</u>	<u>3,893</u>	<u>25,739</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

67

DOCKET NO. 100002-EG
ECCR 2011 PROJECTION
EXHIBIT HTB-2, SCHEDULE C-3P, PAGE 1 OF 8

C-3P
Page 1 of 8

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

	Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1	Heating & Cooling										
2	Actual	0	44,193	0	11,976	0	523,375	128	2,511	0	582,183
3	Projected	0	<u>32,154</u>	<u>1,600</u>	<u>9,980</u>	0	<u>349,216</u>	<u>125</u>	<u>125</u>	0	<u>393,200</u>
4	Total	0	76,347	1,600	21,956	0	872,591	253	2,636	0	975,383
5	Prime Time										
6	Actual	3,827	159,635	12,253	43,615	0	3,373,583	10,941	22,375	0	3,626,229
7	Projected	<u>2,109</u>	<u>100,295</u>	<u>0</u>	<u>36,250</u>	0	<u>2,321,098</u>	<u>3,275</u>	<u>16,215</u>	0	<u>2,479,242</u>
8	Total	5,936	259,930	12,253	79,865	0	5,694,681	14,216	38,590	0	6,105,471
9	Energy Audits										
10	Actual	0	617,959	12,819	84,166	195,666	0	48,865	33,976	0	993,453
11	Projected	0	<u>496,460</u>	<u>9,920</u>	<u>143,070</u>	<u>235,858</u>	0	<u>37,230</u>	<u>27,285</u>	0	<u>949,823</u>
12	Total	0	1,114,419	22,739	227,238	431,524	0	86,095	61,261	0	1,943,276
13	Cogeneration										
14	Actual	0	67,700	(19)	0	0	0	697	1,062	0	69,440
15	Projected	0	<u>47,415</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,000</u>	<u>0</u>	0	<u>48,415</u>
16	Total	0	115,115	(19)	0	0	0	1,697	1,062	0	117,855
17	Commercial Load Management										
18	Actual	18	268	0	0	0	3,434	0	0	0	3,720
19	Projected	0	<u>4,248</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,664</u>	<u>22</u>	<u>0</u>	0	<u>6,934</u>
20	Total	18	4,516	0	0	0	6,098	22	0	0	10,654
21	Commercial Lighting										
22	Actual	0	22,154	0	0	0	197,627	473	0	0	220,254
23	Projected	0	<u>7,218</u>	<u>0</u>	<u>6,508</u>	0	<u>295,000</u>	<u>185</u>	<u>5,000</u>	0	<u>313,911</u>
24	Total	0	29,372	0	6,508	0	492,627	658	5,000	0	534,165
25	Standby Generator										
26	Actual	0	22,532	15,433	2,346	0	937,085	2,409	0	0	979,805
27	Projected	0	<u>10,227</u>	<u>0</u>	<u>500</u>	0	<u>700,000</u>	<u>930</u>	<u>0</u>	0	<u>711,657</u>
28	Total	0	32,759	15,433	2,846	0	1,637,085	3,339	0	0	1,691,462
29	Conservation Value										
30	Actual	0	2,318	0	0	0	66,153	0	0	0	68,469
31	Projected	0	<u>1,548</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>9,000</u>	<u>60</u>	<u>0</u>	0	<u>10,608</u>
32	Total	0	3,864	0	0	0	75,153	60	0	0	79,077
33	Duct Repair										
34	Actual	0	48,084	340	8,624	34,223	623,241	1,281	6,833	0	722,626
35	Projected	0	<u>47,582</u>	<u>0</u>	<u>0</u>	<u>67,900</u>	<u>703,618</u>	<u>950</u>	<u>4,905</u>	0	<u>824,965</u>
36	Total	0	95,676	340	8,624	102,123	1,326,859	2,231	11,738	0	1,547,591
37	Renewable Energy Initiative										
38	Actual	0	20,898	66,962	990	0	0	155	6,384	(95,389)	0
39	Projected	0	<u>29,739</u>	<u>425,800</u>	<u>34,999</u>	<u>0</u>	<u>0</u>	<u>801</u>	<u>16,155</u>	<u>(507,584)</u>	<u>0</u>
40	Total	0	50,637	492,762	35,989	0	0	1,056	22,539	(602,963)	0
41	Renewable Energy Systems Initiative										
42	Actual	0	0	0	0	0	0	0	0	0	0
43	Projected	0	<u>45,328</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	<u>45,328</u>
44	Total	0	45,328	0	0	0	0	0	0	0	45,328
45	Industrial Load Management										
46	Actual	0	10,583	0	0	0	12,999,693	211	0	0	13,010,487
47	Projected	0	<u>6,730</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>8,700,000</u>	<u>500</u>	<u>0</u>	0	<u>8,707,230</u>
48	Total	0	17,313	0	0	0	21,699,693	711	0	0	21,717,717
49	DSM R&D										
50	Actual	0	30,947	57,703	38,162	0	0	523	2,100	0	129,435
51	Projected	0	<u>27,250</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,870</u>	<u>0</u>	0	<u>29,120</u>
52	Total	0	58,197	57,703	38,162	0	0	2,393	2,100	0	158,555
53	Commercial Cooling										
54	Actual	0	7,510	0	0	0	27,615	0	0	0	35,125
55	Projected	0	<u>12,760</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>21,500</u>	<u>175</u>	<u>0</u>	0	<u>34,435</u>
56	Total	0	20,270	0	0	0	49,115	175	0	0	69,560
57	Residential New Construction										
58	Actual	0	6,950	0	0	0	244,075	70	0	0	251,095
59	Projected	0	<u>5,927</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>217,906</u>	<u>0</u>	<u>50</u>	0	<u>223,883</u>
60	Total	0	12,877	0	0	0	461,981	70	50	0	474,978
61	Common Expenses										
62	Actual	0	275,102	0	100,299	0	0	850	11,576	0	387,827
63	Projected	0	<u>213,573</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>600</u>	<u>0</u>	0	<u>214,173</u>
64	Total	0	488,675	0	100,299	0	0	1,450	11,576	0	602,000
65	Price Responsive Load Management										
66	Actual	287,031	463,012	16,812	275,024	133,766	0	37,083	93,769	0	1,305,497
67	Projected	<u>309,556</u>	<u>286,941</u>	<u>12,875</u>	<u>106,950</u>	<u>99,000</u>	0	<u>23,905</u>	<u>71,020</u>	0	<u>910,247</u>
68	Total	596,587	749,953	28,687	381,974	232,766	0	60,988	164,789	0	2,215,744
69	Residential Building Envelope Improvement										
70	Actual	0	57,361	343	3,515	0	422,893	1,774	1,135	0	487,021
71	Projected	0	<u>41,861</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>164,320</u>	<u>1,375</u>	<u>198,488</u>	0	<u>406,044</u>
72	Total	0	99,222	343	3,515	0	587,213	3,149	199,623	0	893,065

DOCKET NO. 100002-EG
 ECCR 2011 PROJECTION
 EXHIBIT HTB-2, SCHEDULE C-3P, PAGE 2 OF 8

C-3P
 Page 2 of 8

TAMPA ELECTRIC COMPANY
 Conservation Program Costs Continued

Actual for Months January 2010 through July 2010
 Projected for Months August 2010 through December 2010

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	0	0	0	0	0	0	0	0	0
75 Projected	0	18,662	0	0	0	50,000	0	0	0	68,662
76 Total	0	18,662	0	0	0	50,000	0	0	0	68,662
77 Energy Education Outreach										
78 Actual	0	1,163	45,195	4,222	0	0	644	6,295	0	57,519
79 Projected	0	0	50	2,000	0	0	0	150	0	2,200
80 Total	0	1,163	45,245	6,222	0	0	644	6,445	0	59,719
81 Residential Re-Commissioning										
82 Actual	0	0	0	0	0	0	0	0	0	0
83 Projected	0	4,203	0	0	0	18,000	0	0	0	22,203
84 Total	0	4,203	0	0	0	18,000	0	0	0	22,203
85 Residential Low- Income Weatherization										
86 Actual	0	3,299	100	0	0	3,065	3	162	0	6,629
87 Projected	0	25,382	34,582	0	0	217,186	500	0	0	277,650
88 Total	0	28,681	34,682	0	0	220,251	503	162	0	284,279
89 Commercial Duct Repair										
90 Actual	0	8,872	0	0	0	699,000	202	426	0	708,500
91 Projected	0	20,491	0	0	0	450,000	275	0	0	470,766
92 Total	0	29,363	0	0	0	1,149,000	477	426	0	1,179,266
93 Commercial Energy Recovery Ventilation										
94 Actual	0	0	0	0	0	0	0	0	0	0
95 Projected	0	17,720	0	0	0	0	0	0	0	17,720
96 Total	0	17,720	0	0	0	0	0	0	0	17,720
97 Commercial Building Envelope Improvement										
98 Actual	0	3,737	0	0	0	1,016	0	0	0	4,753
99 Projected	0	13,634	0	0	0	4,240	300	0	0	18,174
100 Total	0	17,371	0	0	0	5,256	300	0	0	22,927
101 Commercial Energy Efficient Motors										
102 Actual	0	409	0	0	0	69	0	0	0	478
103 Projected	0	2,499	0	0	0	625	100	0	0	3,224
104 Total	0	2,908	0	0	0	694	100	0	0	3,702
105 Commercial Demand Response										
106 Actual	0	9,517	0	2,309,839	0	0	399	1,955	0	2,321,710
107 Projected	0	7,401	0	1,400,000	0	0	800	0	0	1,408,201
108 Total	0	16,918	0	3,709,839	0	0	1,199	1,955	0	3,729,911
109 Commercial Chiller Replacement										
110 Actual	0	3,982	0	0	0	9,317	0	0	0	13,299
111 Projected	0	1,225	0	0	0	16,000	125	0	0	17,350
112 Total	0	5,207	0	0	0	25,317	125	0	0	30,649
113 Commercial Occupancy Sensors (Lighting)										
114 Actual	0	6,884	0	0	0	38,136	106	0	0	45,126
115 Projected	0	4,708	0	0	0	18,500	65	0	0	23,273
116 Total	0	11,592	0	0	0	56,636	171	0	0	68,399
117 Commercial Refrigeration (Anti-Condensate)										
118 Actual	0	135	0	0	0	0	0	0	0	135
119 Projected	0	675	0	12	0	500	125	0	0	1,312
120 Total	0	810	0	12	0	500	125	0	0	1,447
121 Commercial Water Heating										
122 Actual	0	135	0	0	0	0	0	0	0	135
123 Projected	0	707	0	0	0	600	125	0	0	1,432
124 Total	0	842	0	0	0	600	125	0	0	1,567
125 Commercial HVAC Re-commissioning										
126 Actual	0	0	0	0	0	0	0	0	0	0
127 Projected	0	1,216	0	0	0	0	0	0	0	1,216
128 Total	0	1,216	0	0	0	0	0	0	0	1,216
129 Commercial Electronic Commutated Motors										
130 Actual	0	0	0	0	0	0	0	0	0	0
131 Projected	0	1,216	0	0	0	0	0	0	0	1,216
132 Total	0	1,216	0	0	0	0	0	0	0	1,216
133 Cool Roof										
134 Actual	0	0	0	0	0	0	0	0	0	0
135 Projected	0	680	0	0	0	0	0	0	0	680
136 Total	0	680	0	0	0	0	0	0	0	680
137 Total All Programs	602,541	3,433,022	711,768	4,623,049	786,413	34,429,350	182,332	529,952	(602,983)	44,675,444

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

PRIME TIME

	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		50,333	7,602	1,135	203	386	0	208	0	181	102	85	0	60,235
3. Depreciation Base		28,182	20,580	19,445	19,242	18,856	18,856	18,648	18,648	18,467	18,365	18,280	18,280	
4. Depreciation Expense		<u>889</u>	<u>406</u>	<u>334</u>	<u>322</u>	<u>317</u>	<u>314</u>	<u>313</u>	<u>311</u>	<u>309</u>	<u>307</u>	<u>305</u>	<u>305</u>	<u>4,432</u>
5. Cumulative Investment	<u>78,515</u>	28,182	20,580	19,445	19,242	18,856	18,856	18,648	18,648	18,467	18,365	18,280	18,280	18,280
6. Less: Accumulated Depreciation	<u>63,062</u>	<u>13,618</u>	<u>6,422</u>	<u>5,621</u>	<u>5,740</u>	<u>5,671</u>	<u>5,985</u>	<u>6,090</u>	<u>6,401</u>	<u>6,529</u>	<u>6,734</u>	<u>6,954</u>	<u>7,259</u>	<u>7,259</u>
7. Net Investment	<u>15,453</u>	<u>14,564</u>	<u>14,158</u>	<u>13,824</u>	<u>13,502</u>	<u>13,185</u>	<u>12,871</u>	<u>12,558</u>	<u>12,247</u>	<u>11,938</u>	<u>11,631</u>	<u>11,326</u>	<u>11,021</u>	<u>11,021</u>
8. Average Investment		15,009	14,361	13,991	13,663	13,344	13,028	12,715	12,403	12,093	11,785	11,479	11,174	
9. Return on Average Investment		89	85	83	81	79	77	76	74	72	70	68	66	920
10. Return Requirements		<u>146</u>	<u>139</u>	<u>136</u>	<u>132</u>	<u>129</u>	<u>126</u>	<u>124</u>	<u>121</u>	<u>118</u>	<u>114</u>	<u>111</u>	<u>108</u>	<u>1,504</u>
11. Total Depreciation and Return		<u>1,035</u>	<u>545</u>	<u>470</u>	<u>454</u>	<u>446</u>	<u>440</u>	<u>437</u>	<u>432</u>	<u>427</u>	<u>421</u>	<u>416</u>	<u>413</u>	<u>5,936</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

70

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	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	324	0	0	0	0	0	0	0	0	324
3. Depreciation Base		324	324	324	0	0	0	0	0	0	0	0	0	
4. Depreciation Expense		<u>5</u>	<u>5</u>	<u>5</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>18</u>
5. Cumulative Investment	324	324	324	324	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	306	<u>311</u>	<u>316</u>	<u>321</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>18</u>	<u>13</u>	<u>8</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		16	11	6	2	0	0	0	0	0	0	0	0	
9. Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return Requirements		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
11. Total Depreciation and Return		<u>5</u>	<u>5</u>	<u>5</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>18</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

71

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

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		250,069	99,373	217,670	103,400	173,942	79,673	138,754	158,072	158,072	158,072	158,072	158,072	1,853,242
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		1,284,108	1,383,481	1,601,151	1,704,551	1,878,493	1,958,166	2,096,920	2,254,992	2,413,064	2,571,136	2,729,208	2,887,280	
4. Depreciation Expense		<u>19,318</u>	<u>22,230</u>	<u>24,872</u>	<u>27,548</u>	<u>29,859</u>	<u>31,972</u>	<u>33,792</u>	<u>36,266</u>	<u>38,900</u>	<u>41,535</u>	<u>44,170</u>	<u>46,804</u>	<u>397,266</u>
5. Cumulative Investment	1,034,039	1,284,108	1,383,481	1,601,151	1,704,551	1,878,493	1,958,166	2,096,920	2,254,992	2,413,064	2,571,136	2,729,208	2,887,280	2,887,280
6. Less: Accumulated Depreciation	108,538	<u>127,856</u>	<u>150,086</u>	<u>174,958</u>	<u>202,506</u>	<u>232,365</u>	<u>264,337</u>	<u>298,129</u>	<u>334,395</u>	<u>373,295</u>	<u>414,830</u>	<u>459,000</u>	<u>505,804</u>	<u>505,804</u>
7. Net Investment	<u>925,501</u>	<u>1,156,252</u>	<u>1,233,395</u>	<u>1,426,193</u>	<u>1,502,045</u>	<u>1,646,128</u>	<u>1,693,829</u>	<u>1,798,791</u>	<u>1,920,597</u>	<u>2,039,769</u>	<u>2,156,306</u>	<u>2,270,208</u>	<u>2,381,476</u>	<u>2,381,476</u>
8. Average Investment		1,040,877	1,194,824	1,329,794	1,464,119	1,574,087	1,669,979	1,746,310	1,859,694	1,980,183	2,098,038	2,213,257	2,325,842	
9. Return on Average Investment		6,191	7,107	7,910	8,709	9,363	9,933	10,387	11,061	11,778	12,479	13,164	13,834	121,916
10. Return Requirements		<u>10,122</u>	<u>11,619</u>	<u>12,932</u>	<u>14,238</u>	<u>15,308</u>	<u>16,239</u>	<u>16,982</u>	<u>18,084</u>	<u>19,256</u>	<u>20,402</u>	<u>21,522</u>	<u>22,617</u>	<u>199,321</u>
Total Depreciation and Return		<u>29,440</u>	<u>33,849</u>	<u>37,804</u>	<u>41,786</u>	<u>45,167</u>	<u>48,211</u>	<u>50,774</u>	<u>54,350</u>	<u>58,156</u>	<u>61,937</u>	<u>65,692</u>	<u>69,421</u>	<u>596,587</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59480% .
Return requirements are calculated using an income tax multiplier of 1.634900.

72

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1 Heating and Cooling	61,420	69,851	47,106	77,801	88,870	108,910	128,415	76,392	76,028	76,028	76,028	88,724	975,383
2 Prime Time	612,868	608,076	593,336	444,194	447,108	454,984	464,663	459,294	461,256	459,427	558,170	541,095	6,105,471
3 Energy Audits	91,466	106,907	138,008	123,334	153,917	112,695	287,126	216,673	192,282	178,728	181,322	180,818	1,943,276
4 Cogeneration	8,270	9,406	9,837	10,629	7,498	8,509	15,291	9,683	9,683	9,683	9,683	9,683	117,855
5 Commercial Load Mgmt	5	5	5	891	888	1,043	883	1,063	1,878	2,013	990	990	10,654
6 Commercial Lighting	8,289	36,430	2,343	68,870	36,118	20,279	47,927	53,918	55,507	55,507	109,829	39,150	534,165
7 Standby Generator	147,527	140,543	140,015	136,493	145,304	133,342	136,581	141,999	142,356	142,356	142,356	142,590	1,691,462
8 Conservation Value	211	538	491	66,434	140	468	187	3,222	3,222	3,222	202	740	79,077
9 Duct Repair	127,196	53,566	205,987	81,999	101,390	106,113	86,375	117,371	120,744	120,744	233,053	233,053	1,547,591
10 Renewable Energy Initiative	0	0	0	0	0	0	0	0	0	0	0	0	0
11 Renewable Energy Systems Initiative	0	0	0	0	0	0	0	0	203	203	22,461	22,461	45,328
12 Industrial Load Management	1,683,623	1,807,256	2,023,648	1,929,920	1,955,475	1,851,331	1,759,234	1,801,446	1,801,446	1,701,446	1,701,446	1,701,446	21,717,717
13 DSM R&D	36,482	33,438	35,331	12,375	5,263	4,561	1,985	5,824	5,824	5,824	5,824	5,824	158,555
14 Commercial Cooling	689	2,614	1,848	6,021	5,227	15,749	2,997	5,155	7,320	7,320	7,320	7,320	69,560
15 Residential New Construction	26,931	30,485	35,015	862	32,632	89,149	36,021	145	1,468	1,458	110,411	110,411	474,978
16 Common Expenses	26,413	63,593	36,384	79,526	50,973	44,744	86,194	43,012	42,824	42,743	42,797	42,797	602,000
17 Price Responsive Load Mgmt	110,300	156,378	180,654	211,456	187,764	193,305	265,640	178,392	171,541	183,575	186,506	190,234	2,215,744
18 Residential Building Envelope Improvement	62,485	72,288	55,404	63,342	87,851	86,224	59,427	72,663	72,787	72,787	94,341	93,466	893,065
19 Residential Electronic Commutated Motors	0	0	0	0	0	0	0	0	4,329	4,329	29,329	30,675	68,662
20 Energy Education Outreach	990	4,449	5,399	9,409	35,469	3,477	(1,674)	2,040	40	40	40	40	59,719
21 Residential Re-Commissioning	0	0	0	0	0	0	0	0	933	933	9,933	10,404	22,203
22 Residential Low-Income Weatherization	307	452	670	764	527	349	3,560	3,333	7,660	7,660	116,253	142,744	284,279
23 Commercial Duct Repair	40,563	62,942	83,500	91,186	121,516	108,049	200,744	93,514	93,842	93,842	93,842	95,726	1,179,266
24 Commercial Energy Recovery Ventilation	0	0	0	0	0	0	0	0	4,329	4,329	4,531	4,531	17,720
25 Commercial Building Envelope Improvement	614	1,016	1,083	301	519	328	690	2,035	3,463	3,463	3,665	5,548	22,927
26 Commercial Energy Efficient Motors	0	0	47	41	69	0	321	576	662	662	662	662	3,702
27 Commercial Demand Response	500,754	259,796	250,792	499,064	2,361	527,329	281,612	282,941	280,773	280,773	282,941	280,773	3,729,911
28 Commercial Chiller Replacement	340	6,066	538	269	710	1,906	3,470	3,394	3,489	3,489	3,489	3,489	30,649
29 Commercial Occupancy Sensors (Lighting)	543	20,853	2,501	2,120	7,890	4,964	6,255	4,533	4,685	4,685	4,685	4,685	68,399
30 Commercial Refrigeration (Anti-Condensate)	0	0	94	0	0	0	41	280	263	263	263	263	1,447
31 Commercial Water Heating	0	0	94	0	0	0	41	280	288	288	288	288	1,567
32 Commercial HVAC Re-Commissioning	0	0	0	0	0	0	0	0	203	203	405	405	1,216
33 Commercial Electronic Commutated Motors	0	0	0	0	0	0	0	0	203	203	405	405	1,216
34 Cool Roof	0	0	0	0	0	0	0	0	69	69	271	271	680
35 Total	3,548,466	3,547,762	3,850,130	3,897,301	3,475,477	3,877,808	3,834,006	3,579,158	3,571,590	3,468,295	4,033,740	3,991,711	44,675,444
36 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Recoverable Conservation Expenses	<u>3,548,466</u>	<u>3,547,762</u>	<u>3,850,130</u>	<u>3,897,301</u>	<u>3,475,477</u>	<u>3,877,808</u>	<u>3,834,006</u>	<u>3,579,158</u>	<u>3,571,590</u>	<u>3,468,295</u>	<u>4,033,740</u>	<u>3,991,711</u>	<u>44,675,444</u>

73

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

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>3,822,263</u>	<u>3,451,171</u>	<u>3,325,129</u>	<u>2,976,662</u>	<u>3,409,618</u>	<u>4,113,384</u>	<u>4,154,979</u>	<u>4,224,956</u>	<u>4,261,929</u>	<u>3,902,188</u>	<u>3,364,576</u>	<u>3,308,616</u>	<u>44,315,471</u>
3. Total Revenues	3,822,263	3,451,171	3,325,129	2,976,662	3,409,618	4,113,384	4,154,979	4,224,956	4,261,929	3,902,188	3,364,576	3,308,616	44,315,471
4. Prior Period True-up	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(119,502)</u>	<u>(1,434,024)</u>								
5. Conservation Revenue Applicable to Period	3,702,761	3,331,669	3,205,627	2,857,160	3,290,116	3,993,882	4,035,477	4,105,454	4,142,427	3,782,686	3,245,074	3,189,114	42,881,447
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>3,548,466</u>	<u>3,547,762</u>	<u>3,850,130</u>	<u>3,897,301</u>	<u>3,475,477</u>	<u>3,877,808</u>	<u>3,834,006</u>	<u>3,579,158</u>	<u>3,571,590</u>	<u>3,468,295</u>	<u>4,033,740</u>	<u>3,991,711</u>	<u>44,675,444</u>
7. True-up This Period (Line 5 - Line 6)	154,295	(216,093)	(644,503)	(1,040,141)	(185,361)	116,074	201,471	526,296	570,837	314,391	(788,666)	(802,597)	(1,793,997)
8. Interest Provision This Period (C-3, Page 6, Line 10)	(221)	(205)	(274)	(404)	(657)	(769)	(617)	(511)	(367)	(199)	(234)	(437)	(4,895)
9. True-up & Interest Provision Beginning of Period	(1,434,024)	(1,160,448)	(1,257,244)	(1,782,519)	(2,703,562)	(2,770,078)	(2,535,271)	(2,214,915)	(1,569,628)	(879,656)	(445,962)	(1,115,360)	(1,434,024)
10. Prior Period True-up Collected/(Refunded)	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>119,502</u>	<u>1,434,024</u>								
11. End of Period Total Net True-up	<u>(1,160,448)</u>	<u>(1,257,244)</u>	<u>(1,782,519)</u>	<u>(2,703,562)</u>	<u>(2,770,078)</u>	<u>(2,535,271)</u>	<u>(2,214,915)</u>	<u>(1,569,628)</u>	<u>(879,656)</u>	<u>(445,962)</u>	<u>(1,115,360)</u>	<u>(1,798,892)</u>	<u>(1,798,892)</u>

* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	32,220,663	0.76	(1,367,158)
Energy	9,965,709	0.24	(431,734)
Total	42,186,372	1.00	(1,798,892)

74

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

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)	(\$1,434,024)	(\$1,160,448)	(\$1,257,244)	(\$1,782,519)	(\$2,703,562)	(\$2,770,078)	(\$2,535,271)	(\$2,214,915)	(\$1,569,628)	(\$879,656)	(\$445,962)	(\$1,115,360)	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>(1,160,227)</u>	<u>(1,257,039)</u>	<u>(1,782,245)</u>	<u>(2,703,158)</u>	<u>(2,769,421)</u>	<u>(2,534,502)</u>	<u>(2,214,298)</u>	<u>(1,569,117)</u>	<u>(879,289)</u>	<u>(445,763)</u>	<u>(1,115,126)</u>	<u>(1,798,455)</u>	
3. Total Beginning & Ending True-up	<u>(\$2,594,251)</u>	<u>(\$2,417,487)</u>	<u>(\$3,039,489)</u>	<u>(\$4,485,677)</u>	<u>(\$5,472,983)</u>	<u>(\$5,304,580)</u>	<u>(\$4,749,569)</u>	<u>(\$3,784,032)</u>	<u>(\$2,448,917)</u>	<u>(\$1,325,419)</u>	<u>(\$1,561,088)</u>	<u>(\$2,913,815)</u>	
4. Average True-up Amount (50% of Line 3)	<u>(\$1,297,126)</u>	<u>(\$1,208,744)</u>	<u>(\$1,519,745)</u>	<u>(\$2,242,839)</u>	<u>(\$2,736,492)</u>	<u>(\$2,652,290)</u>	<u>(\$2,374,785)</u>	<u>(\$1,892,016)</u>	<u>(\$1,224,459)</u>	<u>(\$662,710)</u>	<u>(\$780,544)</u>	<u>(\$1,456,908)</u>	
5. Interest Rate - First Day of Month	<u>0.200%</u>	0.200%	0.210%	0.210%	0.230%	0.340%	0.350%	0.280%	0.360%	0.360%	0.360%	0.360%	
6. Interest Rate - First Day of Next Month	<u>0.200%</u>	<u>0.210%</u>	<u>0.210%</u>	<u>0.230%</u>	<u>0.340%</u>	<u>0.350%</u>	<u>0.280%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
7. Total (Line 5 + Line 6)	<u>0.400%</u>	<u>0.410%</u>	<u>0.420%</u>	<u>0.440%</u>	<u>0.570%</u>	<u>0.690%</u>	<u>0.630%</u>	<u>0.640%</u>	<u>0.720%</u>	<u>0.720%</u>	<u>0.720%</u>	<u>0.720%</u>	
8. Average Interest Rate (50% of Line 7)	<u>0.200%</u>	<u>0.205%</u>	<u>0.210%</u>	<u>0.220%</u>	<u>0.285%</u>	<u>0.345%</u>	<u>0.315%</u>	<u>0.320%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	<u>0.360%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.017%</u>	<u>0.017%</u>	<u>0.018%</u>	<u>0.018%</u>	<u>0.024%</u>	<u>0.029%</u>	<u>0.026%</u>	<u>0.027%</u>	<u>0.030%</u>	<u>0.030%</u>	<u>0.030%</u>	<u>0.030%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>(\$221)</u>	<u>(\$205)</u>	<u>(\$274)</u>	<u>(\$404)</u>	<u>(\$657)</u>	<u>(\$769)</u>	<u>(\$617)</u>	<u>(\$511)</u>	<u>(\$367)</u>	<u>(\$199)</u>	<u>(\$234)</u>	<u>(\$437)</u>	<u>(\$4,895)</u>

75

TAMPA ELECTRIC COMPANY
Energy Conservation
Calculation of Conservation Revenues

Actual for Months January 2010 through July 2010
Projected for Months August 2010 through December 2010

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,639,971	-	3,822,263
February	1,461,111	-	3,451,171
March	1,431,325	-	3,325,129
April	1,333,353	-	2,976,662
May	1,503,716	-	3,409,618
June	1,831,356	-	4,113,384
July	1,841,654	-	4,154,979
August	1,829,448	-	4,224,956
September	1,846,549	-	4,261,929
October	1,663,376	-	3,902,188
November	1,414,862	-	3,364,576
December	1,394,178	-	3,308,616
Total	<u>19,190,900</u>	<u>0</u>	<u>44,315,471</u>

76

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, 2010 to December 31, 2010

There are 5,000 units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 3,000 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$975,383.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$1,148,136.

Program Progress Summary:

Through December 31, 2009, there were 167,446 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, 2010 to December 31, 2010

There are 45,620 projected customers for this program on a cumulative basis.

January 1, 2011 to December 31, 2011

There are 43,520 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Estimated expenditures are \$6,105,471.

January 1, 2011 to December 31, 2011

Estimated expenditures are \$5,947,560.

Program Progress Summary:

There were 48,080 cumulative customers participating through December 31, 2009.

Breakdown is as follows:

Water Heating	43,807
Air Conditioning	32,760
Heating	34,190
Pool Pump	9,927

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, 2010 to December 31, 2010

Residential – 11,105 (RCS - 0; Free -9,500; On-line – 1,600, Phone in 5)

Comm/Ind – 800 (Paid - 0; Free – 800)

January 1, 2011 to December 31, 2011

Residential – 12,020 (RCS - 0; Free – 10,000; On-line – 2,000, Phone-in 20)

Comm/Ind – 1,201 (Paid - 1 Free – 1,200)

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are expected to be \$1,943,276.

January 1, 2011 to December 31, 2011

Expenditures are expected to be \$3,447,171.

Program Progress Summary:

Through December 31, 2009 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	255,214
Residential Cust. Assisted ⁽¹⁾	114,662
Commercial-Ind (Fee)	226
Commercial-Ind (Free)	19,167
Commercial Mail-in	1,477

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

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COGENERATION

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

Program Projections: January 1, 2010 to December 31, 2010

Communication and interaction will continue with all present and potential cogeneration customers. Tampa Electric is currently working with a customer to evaluate the economics of additional capacity in 2011, but a final decision will not be made for several months. In addition, nearly 10 MW of cogeneration capacity was added in 2010, as previously planned. However, approximately 40 MW of customer cogeneration will be supplied to another utility, as its purchase power agreement with Tampa Electric expired in 2010.

January 1, 2011 to December 31, 2011

The development and publication of the 20-Year Cogeneration Forecast will occur in.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$117,855.

January 1, 2011 to December 31, 2011

Expenditures are estimated to be \$123,924.

**Program Progress
Summary:**

The projected total maximum generation by electrically interconnected cogeneration during 2011 will be approximately 561 MW. This is a decrease of 40 MW due to the expiration of a purchase power agreement noted above.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities. Currently there are 11 Qualifying Facilities with generation on-line in our service area.

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, 2010 to December 31, 2010

There are no new installations expected.

January 1, 2011 to December 31, 2011

One installation is expected.

Program Fiscal Expenditures: January 1, 2010 to December 31, 2010

Expenses of \$10,654 are estimated.

January 1, 2011 to December 31, 2011

Expenses of \$6,730 are estimated.

Program Progress Summary: Through December 31, 2009 there were seven commercial installations in service.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL LIGHTING

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

Program Projections: January 1, 2010 to December 31, 2010

During this period, 150 customers are expected to participate.

January 1, 2011 to December 31, 2011

During this period, 555 customers are expected to participate

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$534,165.

January 1, 2011 to December 31, 2011

Expenditures estimated for this period are \$503,223.

Program Progress Summary:

Through December 31, 2009, there were 1,282 customers that participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: STANDBY GENERATOR

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

Program Projections: January 1, 2010 to December 31, 2010

Five installations are expected.

January 1, 2011 to December 31, 2011

One installation is expected.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$1,691,462.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$1,986,340.

**Program Progress
Summary:**

Through December 31, 2009, there are 84 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, 2010 to December 31, 2010

One customer is expected to participate during this period.

January 1, 2011 to December 31, 2011

Three customers are expected to participate during this period.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Estimated expenses are \$79,077.

January 1, 2011 to December 31, 2011

Estimated expenses are \$157,773.

Program Progress Summary:

Through December 31, 2009, there were 31 customers that earned incentive dollars. We continue to work with customers on evaluations of various measures.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: DUCT REPAIR

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

Program Projections: January 1, 2010 to December 31, 2010

There are 6,200 repairs projected to be made.

January 1, 2011 to December 31, 2011

There are 13,645 repairs projected to be made.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$1,547,591.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$2,889,228.

**Program Progress
Summary:**

Through December 31, 2009, there are 78,666 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, 2010 to December 31, 2010

There are 2,641 customers with 3,719 subscribed blocks estimated for this period on a cumulative basis.

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

January 1, 2011 to December 31, 2011

There are 2,700 customers with 4,000 subscribed blocks estimated for this period on a cumulative basis.

There are 1,000 blocks estimated to be purchased for this period on a one time basis.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

For the period, the company anticipated excess revenues of approximately \$207,000 to be used for new renewable generation.

January 1, 2011 to December 31, 2011

For the period, expenditures are estimated to be \$270,188.

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

Program Progress Summary:

Through December 31, 2009, there were 2,730 customers with 3,822 blocks subscribed. In addition, there were 1,376 blocks of renewable energy purchased on a one time basis.

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, 2010 to December 31, 2010

No new customers are expected to participate.

January 1, 2011 to December 31, 2011

No new customers are expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures estimated for the period are \$21,717,717.

January 1, 2011 to December 31, 2011

Expenditures estimated for the period are \$21,016,001.

**Program Progress
Summary:**

Through December 31, 2009, 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, 2010 to December 31, 2010

Expenditures are estimated at \$158,555.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$42,667.

**Program Progress
Summary:**

For 2010, Tampa Electric continues its pilot program to evaluate the feasibility of a commercial price responsive load management rate. The project was approved by the Commission in Docket No. 090228-EG, Order No. PSC-09-0501-TRF-EG, issued July 15, 2009.

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, 2010 to December 31, 2010

There are 141 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 250 customers expected to participate.

Program Fiscal Expenditures: January 1, 2010 to December 31, 2010

Expenditures are estimated at \$69,560.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$192,636.

Program Progress Summary: Through December 31, 2009, there were 1,121 units installed and approved.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY PLUS HOMES

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, 2010 to December 31, 2010

There are 600 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 1,200 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$474,978.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,325,136.

Program Progress Summary:

Through December 31, 2009, a total of 297 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, 2010 to December 31, 2010

Expenditures are estimated to be \$602,000.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$611,824.

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, 2010 to December 31, 2010

There are 1,480 projected customers for this program on a cumulative basis.

January 1, 2011 to December 31, 2011

There are 2,880 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated at \$2,215,744.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$3,311,087.

Program Progress Summary:

Through December 31, 2009, there were 674 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, 2010 to December 31, 2010

Ceiling Insulation – 1,960
Wall Insulation - 9
Window Upgrades – 1,200
Window Film - 555

January 1, 2011 to December 31, 2011

Ceiling Insulation – 1,950
Wall Insulation - 12
Window Upgrades – 1,250
Window Film - 750

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$893,065.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,431,836.

Program Progress Summary:

Through December 31, 2009, there were 85,202 customers that participated in the company's residential building envelope improvement program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: EDUCATIONAL EDUCATION OUTREACH

Program Description: Originally, a three-year pilot program designed to save demand and energy by increasing customer awareness of energy use in personal residences. This program is aimed at schools within the Tampa Electric service area and designed to educate students on energy awareness through scripted, professionally written presentations using humor, interactive theater and classroom guides to teach students the benefits of energy efficiency.

In Docket 100159-EG, Tampa Electric petitioned the Commission to modify this program to provide energy education through two distinct initiatives: 1) public education, and 2) energy awareness. If approved, the program known as Energy Education Outreach will continue presentations to service area schools and expand presentations to public forums, homeowner associations, trade shows, etc.

Program Projections: January 1, 2010 to December 31, 2010.

51 program presentations are projected to be completed for Hillsborough County schools for the 2009 – 2010 school year.

January 1, 2011 to December 31, 2011.

There are 4,000 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$59,719

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$138,852.

Program Progress Summary:

Through 2009, Tampa Electric partnered with 16 local schools to present the pilot program to 13,820 students in 612 classes, resulting in 59 additional audits being completed.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL LOW-INCOME WEATHERIZATION

Program Description: A program designed to assist low-income families in reducing their energy usage by providing and/or installing the necessary materials for the various conservation measures, as well as educating families on energy conservation techniques that promote behavioral changes to help customers control their energy usage.

In Docket 100159-EG, Tampa Electric petitioned the Commission to expand the installation of energy saving measures and include education and delivery of energy efficiency kits to customers working with agencies providing energy related assistance. If approved, the program will be known as Neighborhood Weatherization and Agency Assistance.

Program Projections: January 1, 2010 to December 31, 2010

There are 950 customers expected to participate.

January 1, 2011 to December 31, 2011

There are 2,500 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$284,279.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$775,488.

Program Progress

Summary:

Through December 31, 2009, a total of 333 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, 2010 to December 31, 2010

There are 5,745 repairs expected to be made.

January 1, 2011 to December 31, 2011

There are 5,500 repairs projected to be made.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,179,266.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,715,184.

**Program Progress
Summary:**

Through December 31, 2009, a total of 1,237 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, 2010 to December 31, 2010

Ceiling Insulation - 5
Wall Insulation - 1
Window Film - 15

January 1, 2011 to December 31, 2011

Ceiling Insulation - 5
Roof Insulation - 5
Wall Insulation - 1
Window Film - 30

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$22,927.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$162,408.

Program Progress

Summary:

Through December 31, 2009, a total of 36 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, 2010 to December 31, 2010

There are 8 motors projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 20 motors projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$3,702.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$20,076.

Program Progress Summary:

Through December 31, 2009, seven 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, 2010 to December 31, 2010

There are 35 MW of demand response available for control.

January 1, 2011 to December 31, 2011

There are 36 MW of demand response projected to be available for control.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$3,729,911.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$3,401,148.

Program Progress Summary:

Tampa Electric is currently subscribed for 35 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, 2010 to December 31, 2010

There are six units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 11 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$30,649.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$110,880.

**Program Progress
Summary:**

Through December 31, 2009, a total of 20 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, 2010 to December 31, 2010

There are 53 units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 71 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$68,399.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$84,923.

**Program Progress
Summary:**

Through December 31, 2009, a total of 23 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, 2010 to December 31, 2010

There is one unit projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are six units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,447.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$5,640.

Program Progress Summary:

Through December 31, 2009, 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, 2010 to December 31, 2010

There is one unit projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are five units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,567.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$5,028.

Program Progress Summary:

Through December 31, 2009, no customers have participated in this program.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL ELECTRONICALLY COMMUTATED MOTOR

Program Description: This is a conservation program designed to reduce future growth of demand and energy consumption by encouraging residential customers to replace their existing motor in HVAC air-handlers with an Electronically Commutated Motor.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 2,222 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$68,662.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$525,084.

Program Progress Summary:

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RESIDENTIAL HVAC RE-COMMISSIONING

Program Description: This is a conservation program designed to reduce demand and energy consumption by helping residential customers ensure HVAC equipment is operating at optimal efficiency through maintenance and equipment tune-ups.

Program Projections: January 1, 2010 to December 31, 2010

There are no HVAC systems projected to be re-commissioned and approved.

January 1, 2011 to December 31, 2011

There are 1,440 HVAC systems projected to be re-commissioned and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$22,203.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$214,104.

Program Progress Summary:

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL HVAC RE-COMMISSIONING

Program Description: This is a conservation program designed to reduce demand and energy consumption by helping residential customers ensure HVAC equipment is operating at optimal efficiency through maintenance and equipment tune-ups.

Program Projections: January 1, 2010 to December 31, 2010

There are no HVAC systems projected to be re-commissioned and approved.

January 1, 2011 to December 31, 2011

There are 700 HVAC systems projected to be re-commissioned and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,216.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$319,116.

Program Progress Summary:

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ELECTRONICALLY COMMUNTATED MOTOR

Program Description: This is a conservation program designed to reduce demand and energy consumption by helping customers ensure HVAC and refrigeration equipment is operating at optimal efficiency by incenting maintenance and tune-up of equipment.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 20 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$1,216.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$19,104.

Program Progress Summary:

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOL ROOF

Program Description: This is a conservation program designed to reduce of demand and energy consumption by providing incentives to encourage commercial/industrial customers to install a cool roof system above conditioned spaces.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 5 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$680.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$41,016.

Program Progress Summary:

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL ENERGY RECOVERY VENTILATION

Program Description: This is a conservation program designed to reduce of demand and energy consumption by encouraging commercial/industrial customers to install efficient ventilation systems to reduce humidity and HVAC loads in buildings.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 16 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$17,720.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$87,468.

Program Progress Summary:

As a new program, progress summaries will begin with 2010 activities.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY SYSTEMS INITIATIVE

Program Description: This is a five-year renewable energy pilot conservation program designed to reduce demand and energy consumption by encouraging the installation of solar photovoltaic and solar water heating technologies on existing and new residential and commercial premises.

Program Projections: January 1, 2010 to December 31, 2010

There are no units projected to be installed and approved.

January 1, 2011 to December 31, 2011

There are 236 renewable systems projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2010 to December 31, 2010

Expenditures are estimated to be \$45,328.

January 1, 2011 to December 31, 2011

Expenditures are estimated at \$1,531,018.

**Program Progress
Summary:**

As a new program, progress summaries will begin with 2010 activities.

INPUT DATA - PART 1
PROGRAM TITLE: GSLM 2&3

PSC FORM CE 1.1
 PAGE 1 OF 1
 RUN DATE: September 7, 2010

PROGRAM DEMAND SAVINGS & LINE LOSSES

I. (1) CUSTOMER KW REDUCTION AT THE METER	3,232.00 KW /CUST
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	2,493.22 KW GEN/CUST
I. (3) KW LINE LOSS PERCENTAGE	6.5 %
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	661,585.99 KWH/CUST/YR
I. (5) KWH LINE LOSS PERCENTAGE	5.8 %
I. (6) GROUP LINE LOSS MULTIPLIER	1
I. (7) CUSTOMER KWH PROGRAM INCREASE AT METER	0 KWH/CUST/YR
I. (8)* CUSTOMER KWH REDUCTION AT METER	623,214 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	1.5975
II. (5) K FACTOR FOR T & D	1.5975
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0

UTILITY & CUSTOMER COSTS

III. (1) UTILITY NONRECURRING COST PER CUSTOMER	109,412.00 \$/CUST
III. (2) UTILITY RECURRING COST PER CUSTOMER	1,431.00 \$/CUST/YR
III. (3) UTILITY COST ESCALATION RATE	2.1 %
III. (4) CUSTOMER EQUIPMENT COST	0.00 \$/CUST
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.5 %
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR
III. (7) CUSTOMER O & M ESCALATION RATE	2.5 %
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	0.0799
III. (13)* UTILITY AFUDC RATE	0.0779
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00 \$/CUST
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	246,950.00 \$/CUST/YR
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %

AVOIDED GENERATOR, TRANS. & DIST COSTS

IV. (1) BASE YEAR	2011
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2013
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2013
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	653.55 \$/KW
IV. (5) BASE YEAR AVOIDED TRANSMISSION COST	0 \$/KW
IV. (6) BASE YEAR DISTRIBUTION COST	0 \$/KW
IV. (7) GEN, TRAN, & DIST COST ESCALATION RATE	2.3 %
IV. (8) GENERATOR FIXED O & M COST	20.35 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.1 %
IV. (10) TRANSMISSION FIXED O & M COST	0 \$/KW/YR
IV. (11) DISTRIBUTION FIXED O & M COST	0 \$/KW/YR
IV. (12) T&D FIXED O&M ESCALATION RATE	2.1 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.379 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.1 %
IV. (15) GENERATOR CAPACITY FACTOR	1.5 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST	8.05 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	2.28 %
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	1.756 CENTS/KWH
V. (2) NON-FUEL ESCALATION RATE	1 %
V. (3) CUSTOMER DEMAND CHARGE PER KW	10.610 \$/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	31.15
(2)* PARTICIPANT NET BENEFITS (NPV)	6,229
(3)* RIM TEST - BENEFIT/COST RATIO	1.2000

111

TOTAL RESOURCE COST TESTS
PROGRAM: GSLM 2&3

PSC FORM CE 2.3
Page 1 of 1
September 7, 2010

(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)	
2011	0	110	0	0	110	0	0	19	0	19	(91)	(91)	
2012	0	114	0	0	114	0	0	58	0	58	(56)	(143)	
2013	0	3	0	0	3	811	0	80	0	891	888	619	
2014	0	3	0	0	3	790	0	78	0	868	865	1,306	
2015	0	3	0	0	3	766	0	80	41	887	884	1,956	
2016	0	3	0	0	3	743	0	83	43	870	866	2,546	
2017	0	3	0	0	3	721	0	84	46	851	848	3,081	
2018	0	3	0	0	3	701	0	86	48	835	832	3,566	
2019	0	3	0	0	3	683	0	82	50	815	811	4,005	
2020	0	3	0	0	3	664	0	84	53	800	797	4,404	
2021	0	4	0	0	4	645	0	86	55	787	783	4,767	
2022	0	4	0	0	4	626	0	90	58	774	771	5,098	
2023	0	4	0	0	4	608	0	95	61	764	760	5,400	
2024	0	4	0	0	4	590	0	96	64	749	746	5,675	
2025	0	4	0	0	4	571	0	96	67	735	731	5,924	
2026	0	4	0	0	4	553	0	100	71	724	720	6,151	
2027	0	4	0	0	4	534	0	105	74	714	710	6,359	
2028	0	4	0	0	4	519	0	110	78	706	702	6,549	
2029	0	4	0	0	4	509	0	106	82	697	693	6,722	
2030	0	4	0	0	4	502	0	109	86	697	693	6,883	
2031	0	4	0	0	4	494	0	110	90	695	690	7,032	
2032	0	4	0	0	4	487	0	120	95	701	697	7,170	
2033	0	5	0	0	5	480	0	117	99	696	692	7,298	
2034	0	5	0	0	5	473	0	116	104	693	689	7,415	
2035	0	5	0	0	5	466	0	120	110	696	691	7,525	
NOMINAL	0	311	0	0	311	13,938	0	2,309	1,476	17,723	17,412		
NPV:	0	250	0	0	250	6,341	0	944	489	7,774	7,525		
Discount Rate		0.0799	Benefit/Cost Ratio - [col (11)/col (6)]:					31.15					

112

PARTICIPANT COSTS AND BENEFITS
PROGRAM: GSLM 2&3

PSC FORM CE 2.4
Page 1 of 1
September 7, 2010

(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)
2011	19	0	123	0	143	0	0	0	0	143	143
2012	60	0	370	0	430	0	0	0	0	430	541
2013	80	0	494	0	574	0	0	0	0	574	1,033
2014	81	0	494	0	575	0	0	0	0	575	1,490
2015	83	0	494	0	577	0	0	0	0	577	1,914
2016	85	0	494	0	579	0	0	0	0	579	2,309
2017	88	0	494	0	582	0	0	0	0	582	2,675
2018	91	0	494	0	585	0	0	0	0	585	3,017
2019	92	0	494	0	586	0	0	0	0	586	3,334
2020	95	0	494	0	588	0	0	0	0	588	3,629
2021	97	0	494	0	591	0	0	0	0	591	3,903
2022	100	0	494	0	594	0	0	0	0	594	4,158
2023	102	0	494	0	596	0	0	0	0	596	4,395
2024	105	0	494	0	599	0	0	0	0	599	4,616
2025	107	0	494	0	601	0	0	0	0	601	4,821
2026	110	0	494	0	604	0	0	0	0	604	5,011
2027	114	0	494	0	608	0	0	0	0	608	5,189
2028	117	0	494	0	610	0	0	0	0	610	5,354
2029	118	0	494	0	612	0	0	0	0	612	5,507
2030	121	0	494	0	615	0	0	0	0	615	5,650
2031	124	0	494	0	618	0	0	0	0	618	5,783
2032	128	0	494	0	622	0	0	0	0	622	5,907
2033	131	0	494	0	625	0	0	0	0	625	6,022
2034	134	0	494	0	628	0	0	0	0	628	6,129
2035	137	0	494	0	631	0	0	0	0	631	6,229
NOMINAL	2,521	0	11,854	0	14,375	0	0	0	0	14,375	
NPV:	1,015	0	5,214	0	6,229	0	0	0	0	6,229	
In service year of gen unit:			2013								
Discount rate:			0.0799								

113

RATE IMPACT TEST
PROGRAM: GSLM 2&3

PSC FORM CE 2.5
Page 1 of 1
September 7, 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	INCENTIVES \$(000)	REVENUE LOSSES \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT UNIT & FUEL BENEFITS \$(000)	AVOIDED T & D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS TO ALL CUSTOMERS \$(000)	CUMULATIVE DISCOUNTED NET BENEFIT \$(000)
2011	0	110	123	19	0	253	19	0	0	0	19	(234)	(234)
2012	0	114	370	60	0	544	58	0	0	0	58	(486)	(684)
2013	0	3	494	80	0	577	891	0	0	0	891	315	(414)
2014	0	3	494	81	0	578	868	0	0	0	868	290	(184)
2015	0	3	494	83	0	580	846	0	0	41	887	307	42
2016	0	3	494	85	0	583	826	0	0	43	870	287	237
2017	0	3	494	88	0	585	805	0	0	46	851	266	405
2018	0	3	494	91	0	589	787	0	0	48	835	246	549
2019	0	3	494	92	0	590	765	0	0	50	815	225	671
2020	0	3	494	95	0	592	748	0	0	53	800	209	775
2021	0	4	494	97	0	595	731	0	0	55	787	192	864
2022	0	4	494	100	0	598	716	0	0	58	774	177	940
2023	0	4	494	102	0	600	703	0	0	61	764	164	1005
2024	0	4	494	105	0	603	685	0	0	64	749	147	1059
2025	0	4	494	107	0	605	668	0	0	67	735	130	1103
2026	0	4	494	110	0	608	653	0	0	71	724	116	1140
2027	0	4	494	114	0	612	640	0	0	74	714	103	1170
2028	0	4	494	117	0	615	628	0	0	78	706	92	1195
2029	0	4	494	118	0	616	615	0	0	82	697	81	1215
2030	0	4	494	121	0	620	611	0	0	86	697	77	1233
2031	0	4	494	124	0	623	604	0	0	90	695	72	1248
2032	0	4	494	128	0	627	606	0	0	95	701	74	1263
2033	0	5	494	131	0	629	597	0	0	99	696	67	1276
2034	0	5	494	134	0	632	589	0	0	104	693	61	1286
2035	0	5	494	137	0	636	586	0	0	110	696	60	1296
NOMINAL	0	311	11,854	2,521	0	14,686	16,247	0	0	1476	17,723	3,037	
NPV:	0	250	5,214	1,015	0	6,479	7,285	0	0	489	7,774	1,296	
Discount rate:			0.0799				Benefit/Cost Ratio - [col (12)/col (7)]:			1.20			

114

**RESIDENTIAL SERVICE
2011 VARIABLE PRICING (RSVP-1) RATES
Proposed 2010-2019 DSM Plan
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	4.845	4.225	0.336	0.404	33.921	38.886	43.731
P3	4.845	4.225	0.336	0.404	6.095	11.06	15.905
P2	4.845	4.225	0.336	0.404	(0.744)	4.221	9.066
P1	4.845	4.225	0.336	0.404	(1.395)	3.57	8.415