



BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 050002-EG
IN RE: CONSERVATION COST RECOVERY CLAUSE
TESTIMONY AND EXHIBIT
OF
HOWARD T. BRYANT

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FPSC COMMISSION CLERK

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

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 ECRC
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 2004 through December 2004, the actual and
16 projected period January 2005 to December 2005, and the
17 projected period January 2006 through December 2006.
18 Also, I will support the level of charges (benefits) for
19 the non-firm interruptible customers allocated to the
20 period January 2006 through December 2006. The balance
21 of costs will be charged to the firm customers on a per
22 kilowatt-hour ("kWh") basis in accordance with Docket No.
23 930759-EG, Order No. PSC-93-1845-FOF-EG, dated December
24 29, 1993. Finally, I will support the appropriate
25 Contracted Credit Value ("CCV") for potential

1 participants in the General Service Industrial Load
2 Management Riders ("GSLM-2" and "GSLM-3") for the period
3 January 2006 through December 2006.
4

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

8 **A.** Yes. Exhibit No. _____ (HTB-2), containing one document,
9 was prepared under my direction and supervision. It
10 includes Schedules C-1 through C-5 and associated data
11 which support the development of the conservation cost
12 recovery factors for 2006.
13

14 **Q.** What is the basis of this request for expenses to be
15 based on different charges for interruptible and firm
16 customers?
17

18 **A.** Tampa Electric's conservation and load management
19 programs do not accrue capacity benefits to interruptible
20 customers. This position has been affirmed by the
21 Commission in Docket Nos. 900002-EG through 040002-EG.
22 The company estimates the cumulative effects of its
23 conservation and load management programs will allow the
24 interruptible customers to have lower fuel costs
25 (\$0.48/MWH) due to the reductions in marginal fuel costs.

1 Q. How were those benefits calculated?

2

3 A. To determine fuel savings effects, the company calculated
4 a "what if there had been no conservation programs"
5 scenario. The results indicate that the avoided
6 gigawatt-hours have actually reduced average fuel costs
7 due to the fact that higher priced marginal fuels would
8 have been burned if the gigawatt-hours had not been
9 saved. Exhibit No. ___ (HTB-2), Conservation Costs
10 Projected, provides the costs and benefits.

11

12 Q. Will charging different amounts for firm and
13 interruptible customers conflict with the Florida Energy
14 Efficiency and Conservation Act?

15

16 A. No. The act requires utilities, through the guidance of
17 the Commission, to cost effectively reduce peak demand,
18 energy consumption and the use of scarce resources,
19 particularly petroleum fuels. It does not require all
20 customers to pay the utilities' conservation costs
21 whether they receive the same level of benefits or not.
22 The relationships between costs and benefits received are
23 specifically the determination of the Commission.

24

25 Q. Please describe the conservation program costs projected

1 by Tampa Electric during the period January 2004 through
2 December 2004.

3
4 **A.** For the period January 2004 through December 2004, Tampa
5 Electric projected conservation program costs to be
6 \$19,071,707. The Commission authorized collections to
7 recover these expenses in Docket No. 030002-EG, Order No.
8 PSC-03-1375-FOF-EG, issued December 4, 2003.

9
10 **Q.** For the period January 2004 through December 2004, what
11 were Tampa Electric's conservation costs and what was
12 recovered through the ECCR clause?

13
14 **A.** For the period January 2004 through December 2004, Tampa
15 Electric incurred actual net conservation costs of
16 \$16,357,137, plus a beginning true-up over-recovery of
17 \$1,428,023 for a total of \$14,929,114. The amount
18 collected in the ECCR clause was \$17,308,586.

19
20 **Q.** What was the true-up amount?

21
22 **A.** The true-up amount for the period January 2004 through
23 December 2004 was an over-recovery of \$2,405,000. These
24 calculations are detailed in Exhibit No. ____ (HTB-1),
25 Conservation Cost Recovery True Up, Pages 1 through 11,

1 filed May 2, 2005.

2

3 Q. Please describe the conservation program costs incurred
4 and projected to be incurred by Tampa Electric during the
5 period January 2005 through December 2005.

6

7 A. The actual costs incurred by Tampa Electric through
8 August 2005 and estimated for September 2005 through
9 December 2005 are \$15,673,289. For the period, Tampa
10 Electric anticipates an over-recovery in the ECCR Clause
11 of \$2,569,752 which includes the 2004 true-up and
12 interest. A summary of these costs and estimates are
13 fully detailed in Exhibit No. ___ (HTB-2), Conservation
14 Costs Projected, pages 11 through 25.

15

16 Q. Please summarize the proposed conservation costs and cost
17 recovery factors for the period January 2006 through
18 December 2006.

19

20 A. The company has estimated that the total conservation
21 costs (less program revenues) during the period will be
22 \$15,640,119 plus true-up. Including true-up estimates
23 and the interruptible sales contribution at 0.048
24 cents/kWh, the cost recovery factors for firm retail rate
25 classes are as follows:

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Cost Recovery Factors

<u>Rate Schedule</u>	<u>(cents per kWh)</u>
RS	0.076
GS and TS	0.070
GSD - Secondary	0.060
GSD - Primary	0.060
GSLD and SBF - Secondary	0.057
GSLD and SBF - Primary	0.056
GSLD and SBF - Subtransmission	0.055
SL and OL	0.024

Exhibit No. ____ (HTB-2), Conservation Costs Projected, pages 13 through 18 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.

A. In Docket No. 990037-EI, Tampa Electric petitioned the

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

17
18 **Q.** What is the appropriate CCV for customers who elect to
19 take service under the GSLM-2 and GSLM-3 rate riders
20 during the January 2006 through December 2006 period?

21
22 **A.** For the January 2006 through December 2006 period, the
23 CCV will be \$5.17 per kW. If the 2006 assessment for
24 need determination indicates the availability of new non-
25 firm load, the CCV will be applied to new subscriptions

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for service under those rate riders. The application of the cost-effectiveness methodology to establish the CCV is found in the attached analysis, Exhibit No. ____ (HTB-2), Conservation Costs Projected, beginning on page 43 through 52.

Q. Does this conclude your testimony?

A. Yes it does.

CONSERVATION COSTS
PROJECTED

INDEX

<u>SCHEDULE</u>	<u>TITLE</u>	<u>PAGE</u>
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**Fuel Cost Impact of Conservation and Load Management Programs
On Interruptible Customers
January 1, 2006 through December 31, 2006**

Month	Fuel Costs With Conservation and Load Management			Fuel Costs Without Conservation and Load Management			Fuel Benefits		
	(1) (\$000)	(2) (GWH)	(3) (\$/MWH)	(4) (\$000)	(5) (GWH)	(6) (\$/MWH)	(4) - (1) (\$000)	(5) - (2) (GWH)	(6) - (3) (\$/MWH)
January	65,545	1,585.9	41.33	69,317	1,669.3	41.52	3,772	83.4	0.19
February	57,681	1,407.1	40.99	61,536	1,480.9	41.55	3,855	73.8	0.56
March	67,540	1,556.5	43.39	69,184	1,596.1	43.35	1,644	39.6	(0.04)
April	60,455	1,553.2	38.92	61,955	1,582.1	39.16	1,500	28.9	0.24
May	75,461	1,872.1	40.31	77,968	1,909.6	40.83	2,507	37.5	0.52
June	82,473	1,969.6	41.87	85,629	2,013.2	42.53	3,156	43.6	0.66
July	93,284	2,105.3	44.31	96,895	2,150.5	45.06	3,611	45.2	0.75
August	93,889	2,114.6	44.40	97,439	2,160.8	45.09	3,550	46.2	0.69
September	89,153	1,980.8	45.01	92,150	2,020.6	45.61	2,997	39.8	0.60
October	78,661	1,829.1	43.01	80,684	1,858.0	43.43	2,023	28.9	0.42
November	61,982	1,547.9	40.04	64,512	1,590.3	40.57	2,530	42.4	0.53
December	66,975	1,671.9	40.06	70,620	1,740.8	40.57	3,645	68.9	0.51
Jan 2006 - Dec 2006	893,099	21,194.0	42.14	927,889	21,772.2	42.62	34,790	578.2	0.48

TAMPA ELECTRIC COMPANY
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
 JANUARY 2006 THROUGH DECEMBER 2006

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MwH)	(3) Projected AVG 12 CP at Meter (Mw)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MwH)	(7) Projected AVG 12 CP at Generation (Mw)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 1/13 Allocation Factor (%)
RS	55.19%	9,151,915	1893	1.0576	1.0472	9,584,228	2,002	50.22%	58.68%	58.03%
GS,TS	61.70%	1,064,099	197	1.0576	1.0472	1,114,364	208	5.84%	6.10%	6.08%
GSD	76.55%	5,425,120	809	1.0565	1.0466	5,678,109	855	29.75%	25.07%	25.43%
GSLD,SBF	83.61%	2,405,640	328	1.0444	1.0359	2,491,973	343	13.06%	10.06%	10.29%
SL/OL	781.26%	205,736	3	1.0576	1.0472	215,454	3	1.13%	0.09%	0.17%
TOTAL		18,252,510	3,230			19,084,128	3,411	100.00%	100.00%	100.00%

- (1) AVG 12 CP load factor based on actual 2003 calendar data.
- (2) Projected MWH sales for the period January 2006 through December 2006
- (3) Calculated: Col (2) / (8760 x Col (1)), 8760 hours = hours in twelve months.
- (4) Based on 2003 demand losses.
- (5) Based on 2003 energy losses.
- (6) Col (2) x Col (5).
- (7) Col (3) x Col (4).
- (8) Col (6) / total for Col (6).
- (9) Col(7) / total for Col(7).
- (10) Col (8) x 1/13 + Col (9) x 12/13

NOTE: Interruptible rates not included in demand allocation of capacity payments

12

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Cost Recovery Clause Calculation
For Months January 2006 through December 2006

1. Total Incremental Cost (C-2, Page 1, Line 17)	<u>15,640,119</u>
2. Demand Related Incremental Costs	<u>11,379,666</u>
3. Energy Related Incremental Costs	4,260,453
4. Interruptible Sales (@\$0.48 per MWH)	<u>(680,144)</u>
5. Net Energy Related Incremental Costs (Line 3 + Line 4)	<u>3,580,309</u>

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS,TS</u>	<u>GSD</u>	<u>GSLD,SBF</u>	<u>SL,OL</u>	<u>Total</u>
6. Demand Allocation Percentage	58.03%	6.08%	25.43%	10.29%	0.17%	100.00%
7. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	6,603,620	691,884	2,893,849	1,170,968	19,345	11,379,666
8. Demand Portion of End of Period True Up (O)U Recovery Shown on Schedule C-3, Pg 5, Line 12 (Allocation of D & E is based on the forecast period cost.)	<u>(1,088,596)</u>	<u>(114,056)</u>	<u>(477,046)</u>	<u>(193,032)</u>	<u>(3,189)</u>	<u>(1,875,919)</u>
9. Total Demand Related Incremental Costs	<u>5,515,024</u>	<u>577,828</u>	<u>2,416,803</u>	<u>977,936</u>	<u>16,156</u>	<u>9,503,747</u>
10. Net Energy Related Incremental Costs	1,798,030	209,090	1,065,142	467,588	40,457	3,580,307
11. Energy Portion of End of Period True Up (O)U Recovery Shown on Schedule C-3, Pg 5, Line 13 (Allocation of D & E is based on the forecast period cost.)	<u>(348,443)</u>	<u>(40,520)</u>	<u>(206,415)</u>	<u>(90,615)</u>	<u>(7,840)</u>	<u>(693,833)</u>
12. Total Net Energy Related Incremental Costs	<u>1,449,587</u>	<u>168,570</u>	<u>858,727</u>	<u>376,973</u>	<u>32,617</u>	<u>2,886,474</u>
<hr/>						
13. Total Incremental Costs (Line 7 + 10)	8,401,650	900,974	3,958,991	1,638,556	59,802	14,959,973
14. Total True Up (Over)/Under Recovery (Line 8 + 11) (Schedule C-3, Pg 5, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(1,437,039)</u>	<u>(154,576)</u>	<u>(683,461)</u>	<u>(283,647)</u>	<u>(11,029)</u>	<u>(2,569,752)</u>
15. Total (Line 13 + 14)	<u>6,964,611</u>	<u>746,398</u>	<u>3,275,530</u>	<u>1,354,909</u>	<u>48,773</u>	<u>12,390,221</u>
16. Firm Retail MWH Sales	9,151,915	1,064,099	5,425,120	2,405,640	205,736	18,252,510
17. Cost per KWH - Demand (Line 9/Line 16)	0.06026	0.05430	*	*	0.00785	
18. Cost per KWH - Energy (Line 12/Line 16)	0.01584	0.01584	*	*	0.01585	
19. Cost per KWH - Demand & Energy (Line 17 + Line 18)	0.07610	0.07014	*	*	0.02370	
20. Revenue Tax Expansion Factor	1.00072	1.00072	*	*	1.00072	
21. Adjustment Factor Adjusted for Taxes	0.0762	0.0702	*	*	0.0237	
22. Conservation Adjustment Factor (cents/KWH) - Secondary	0.076	0.070	0.060	0.057	0.024	
- Primary			0.060	0.056		
- Subtransmission			N/A	0.055		

(ROUNDED TO NEAREST .001 PER KWH)

* See attached Schedule C-1, page 2 of 2.

13

Calculation of ECCR Factors for Customers Served at
Levels Other than Secondary Distribution

	<u>GSD</u>	<u>GSLD, SBF</u>
Line 15 Total (Projected Costs & T/U) (Schedule C-1, pg 1, Line 15)		
-Secondary	3,193,014	721,035
- Primary	82,516	627,859
- Subtransmission	N/A	6,016
- Total	3,275,530	1,354,909
Total Firm MWH Sales (Schedule C-1, pg 1, Line 16)		
-Secondary	5,287,107	1,274,117
- Primary	138,013	1,120,676
- Subtransmission	N/A	10,847
- Total	5,425,120	2,405,640
Cost per KWH - Demand & Energy		
-Secondary	0.06039	0.05659
- Primary	0.05979	0.05603
- Subtransmission	N/A	0.05546
Revenue Tax Expansion Factor	1.00072	1.00072
Adjustment Factor Adjusted for Taxes		
-Secondary	0.06044	0.05663
- Primary	0.05983	0.05607
- Subtransmission	N/A	0.05550
Conservation Adjustment Factor (cents/KWH)		
-Secondary	<u>0.060</u>	<u>0.057</u>
- Primary	<u>0.060</u>	<u>0.056</u>
- Subtransmission	N/A	<u>0.055</u>

Note: Customers in the GSD rate class are only served at primary and secondary distribution levels.

The calculation for the interruptible classes did not change the factor from the original (\$0.48 per MWH)

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2006 through December 2006

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	42,438	42,439	42,437	42,439	42,438	42,438	42,438	42,439	42,437	42,439	42,437	42,439	509,258
2 Prime Time (D)	958,000	948,702	922,987	762,932	748,406	765,366	755,843	746,819	745,753	729,200	865,214	875,770	9,824,992
3 Energy Audits (E)	125,579	125,582	125,579	125,583	125,579	126,963	126,964	126,964	126,962	126,964	125,580	125,583	1,513,882
4 Cogeneration (E)	8,176	8,176	8,176	8,176	8,176	8,187	8,187	8,180	8,179	8,176	8,176	8,176	98,141
5 Ceiling Insulation (E)	34,271	34,471	34,271	34,271	34,471	34,371	39,371	39,571	34,371	34,371	34,471	34,271	422,552
6 Commercial Load Mgmt (D)	926	925	923	1,423	1,421	1,420	1,418	1,416	1,415	1,415	913	912	14,527
7 Commercial Lighting (E)	7,739	7,740	7,738	7,740	7,738	7,740	7,738	7,740	7,739	7,739	7,739	7,740	92,870
8 Standby Generator (D)	57,096	57,071	57,071	57,096	57,072	57,822	57,848	57,823	57,823	57,847	57,822	57,822	690,213
9 Conservation Value (E)	330	340	30,330	330	340	30,330	330	340	330	30,330	340	330	94,000
10 Duct Repair (E)	77,806	77,806	77,806	77,806	77,806	77,956	77,956	77,956	77,956	77,956	77,806	77,806	934,422
11 Renewable Energy Initiative (E)	10,879	10,539	11,549	9,459	9,159	9,169	9,079	8,779	9,789	8,699	7,659	7,409	112,168
12 Industrial Load Management (D)	32,417	32,417	32,417	32,417	32,417	32,417	32,417	32,417	32,417	32,417	32,417	32,417	389,004
13 DSM R&D (D&E) <small>(50% D, 50% E)</small>	330	15,330	330	330	15,330	330	330	330	330	15,330	330	330	48,960
14 Commercial Cooling (E)	1,404	1,405	1,404	1,405	1,404	1,405	1,404	1,405	1,404	1,405	1,404	1,405	16,854
15 Residential New Construction (E)	448	448	448	448	448	448	448	448	448	448	448	448	5,376
16 Common Expenses (D&E) <small>(50% D, 50% E)</small>	17,269	17,084	17,319	17,207	17,269	17,207	17,319	17,256	17,220	17,256	17,270	17,252	206,928
17 Price Responsive Load Mgmt - Pilot (D&E) <small>(50% D, 50% E)</small>	54,446	54,446	54,446	54,446	54,446	67,046	54,452	54,452	54,453	54,447	54,446	54,446	665,972
18 Total	1,429,554	1,434,921	1,425,231	1,233,508	1,233,920	1,280,615	1,233,542	1,224,335	1,219,026	1,246,439	1,334,472	1,344,556	15,640,119
19 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Recoverable Conserv. Expenses	<u>1,429,554</u>	<u>1,434,921</u>	<u>1,425,231</u>	<u>1,233,508</u>	<u>1,233,920</u>	<u>1,280,615</u>	<u>1,233,542</u>	<u>1,224,335</u>	<u>1,219,026</u>	<u>1,246,439</u>	<u>1,334,472</u>	<u>1,344,556</u>	<u>15,640,119</u>
													0
Summary of Demand & Energy													
Energy	345,092	352,376	375,785	343,648	351,081	381,298	349,965	349,841	345,616	382,043	342,083	341,621	4,260,453
Demand	<u>1,084,462</u>	<u>1,082,545</u>	<u>1,049,446</u>	<u>889,860</u>	<u>882,839</u>	<u>899,317</u>	<u>883,577</u>	<u>874,494</u>	<u>873,410</u>	<u>864,396</u>	<u>992,389</u>	<u>1,002,935</u>	<u>11,379,666</u>
Total Recoverable Conserv. Expenses	<u>1,429,554</u>	<u>1,434,921</u>	<u>1,425,231</u>	<u>1,233,508</u>	<u>1,233,920</u>	<u>1,280,615</u>	<u>1,233,542</u>	<u>1,224,335</u>	<u>1,219,026</u>	<u>1,246,439</u>	<u>1,334,472</u>	<u>1,344,556</u>	<u>15,640,119</u>

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TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2006 through December 2006

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	96,786	3,780	30,000	0	375,000	500	3,192	0	509,258
2. Prime Time (D)	1,200,566	643,164	129,824	150,100	0	7,607,267	52,011	42,060	0	9,824,992
3. Energy Audits (E)	0	989,460	10,680	38,326	375,000	0	54,156	46,260	0	1,513,882
4. Cogeneration (E)	0	95,845	0	0	0	0	2,296	0	0	98,141
5. Ceiling Insulation (E)	0	155,880	4,580	4,700	0	250,000	4,920	2,472	0	422,552
6. Commercial Load Mgmt (D)	2,327	3,300	0	0	0	8,600	300	0	0	14,527
7. Commercial Lighting (E)	0	12,270	0	0	0	80,000	600	0	0	92,870
8. Standby Generator (D)	0	8,372	504	0	0	680,250	1,087	0	0	690,213
9. Conservation Value (E)	0	3,960	0	0	0	90,000	40	0	0	94,000
10. Duct Repair (E)	0	222,108	5,640	10,950	150,000	522,000	11,856	11,868	0	934,422
11. Renewable Energy Initiative (E)	0	39,648	0	180,000	0	0	200	4,400	(112,080)	112,168
12. Industrial Load Management (D)	0	9,504	0	0	0	378,600	900	0	0	389,004
13. DSM R&D (D&E) (50% D, 50% E)	0	3,960	30,000	15,000	0	0	0	0	0	48,960
14. Commercial Cooling (E)	0	2,772	0	0	0	13,782	300	0	0	16,854
15. Residential New Construction (E)	0	2,376	0	0	0	3,000	0	0	0	5,376
16. Common Expenses (D&E) (50% D, 50% E)	0	206,628	0	0	0	0	300	0	0	206,928
17. Price Responsive Load Mgmt - Pilot (D&E) (50% D, 50% E)	0	192,648	12,700	432,204	0	0	9,220	19,200	0	665,972
18. Total All Programs	<u>1,202,893</u>	<u>2,688,681</u>	<u>197,708</u>	<u>861,280</u>	<u>525,000</u>	<u>10,008,499</u>	<u>138,686</u>	<u>129,452</u>	<u>(112,080)</u>	<u>15,640,119</u>
Summary of Demand & Energy										
Energy	0	1,822,723	46,030	487,578	525,000	1,333,782	79,628	77,792	(112,080)	4,260,453
Demand	<u>1,202,893</u>	<u>865,958</u>	<u>151,678</u>	<u>373,702</u>	0	<u>8,674,717</u>	<u>59,058</u>	<u>51,660</u>	0	<u>11,379,666</u>
Total All Programs	<u>1,202,893</u>	<u>2,688,681</u>	<u>197,708</u>	<u>861,280</u>	<u>525,000</u>	<u>10,008,499</u>	<u>138,686</u>	<u>129,452</u>	<u>(112,080)</u>	<u>15,640,119</u>

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2006 through December 2006

PRIME TIME

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		2,617	2,617	2,617	2,617	2,617	2,617	2,617	2,617	2,617	2,617	2,617	2,617	31,404
2. Retirements		166,980	215,040	166,689	169,277	134,777	143,047	123,339	112,266	121,200	147,197	29,273	92,966	1,622,050
3. Depreciation Base		5,759,929	5,547,506	5,383,434	5,216,774	5,084,614	4,944,184	4,823,462	4,713,813	4,595,230	4,450,650	4,423,994	4,333,645	
4. Depreciation Expense		<u>97,369</u>	<u>94,229</u>	<u>91,091</u>	<u>88,335</u>	<u>85,845</u>	<u>83,573</u>	<u>81,397</u>	<u>79,477</u>	<u>77,575</u>	<u>75,382</u>	<u>73,955</u>	<u>72,980</u>	<u>1,001,208</u>
5. Cumulative Investment	5,924,292	5,759,929	5,547,506	5,383,434	5,216,774	5,084,614	4,944,184	4,823,462	4,713,813	4,595,230	4,450,650	4,423,994	4,333,645	4,333,645
6. Less: Accumulated Depre	<u>3,697,838</u>	<u>3,628,227</u>	<u>3,507,416</u>	<u>3,431,818</u>	<u>3,350,876</u>	<u>3,301,944</u>	<u>3,242,470</u>	<u>3,200,528</u>	<u>3,167,739</u>	<u>3,124,114</u>	<u>3,052,299</u>	<u>3,096,981</u>	<u>3,076,995</u>	<u>3,076,995</u>
7. Net Investment	<u>2,226,454</u>	<u>2,131,702</u>	<u>2,040,090</u>	<u>1,951,616</u>	<u>1,865,898</u>	<u>1,782,670</u>	<u>1,701,714</u>	<u>1,622,934</u>	<u>1,546,074</u>	<u>1,471,116</u>	<u>1,398,351</u>	<u>1,327,013</u>	<u>1,256,650</u>	<u>1,256,650</u>
8. Average Investment		2,179,078	2,085,896	1,995,853	1,908,757	1,824,284	1,742,192	1,662,324	1,584,504	1,508,595	1,434,734	1,362,682	1,291,832	
9. Return on Average Investment		12,966	12,411	11,875	11,357	10,854	10,366	9,891	9,428	8,976	8,537	8,108	7,686	122,455
10. Return Requirements		<u>21,109</u>	<u>20,205</u>	<u>19,333</u>	<u>18,489</u>	<u>17,670</u>	<u>16,876</u>	<u>16,103</u>	<u>15,349</u>	<u>14,613</u>	<u>13,898</u>	<u>13,200</u>	<u>12,513</u>	<u>199,358</u>
11. Total Depreciation and Return		<u>118,478</u>	<u>114,434</u>	<u>110,424</u>	<u>106,824</u>	<u>103,515</u>	<u>100,449</u>	<u>97,500</u>	<u>94,826</u>	<u>92,188</u>	<u>89,280</u>	<u>87,155</u>	<u>85,493</u>	<u>1,200,566</u>

NOTES:

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

Return on Average Investment is calculated using a monthly rate of 0.59500% .

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

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TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2006 through December 2006

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	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	
4. Depreciation Expense		<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>1,692</u>
5. Cumulative Investment	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460
6. Less: Accumulated Depreciation	<u>2,150</u>	<u>2,291</u>	<u>2,432</u>	<u>2,573</u>	<u>2,714</u>	<u>2,855</u>	<u>2,996</u>	<u>3,137</u>	<u>3,278</u>	<u>3,419</u>	<u>3,560</u>	<u>3,701</u>	<u>3,842</u>	<u>3,842</u>
7. Net Investment	<u>6,310</u>	<u>6,169</u>	<u>6,028</u>	<u>5,887</u>	<u>5,746</u>	<u>5,605</u>	<u>5,464</u>	<u>5,323</u>	<u>5,182</u>	<u>5,041</u>	<u>4,900</u>	<u>4,759</u>	<u>4,618</u>	<u>4,618</u>
8. Average Investment		6,240	6,099	5,958	5,817	5,676	5,535	5,394	5,253	5,112	4,971	4,830	4,689	
9. Return on Average Investment		37	36	35	35	34	33	32	31	30	30	29	28	390
10. Return Requirements		<u>60</u>	<u>59</u>	<u>57</u>	<u>57</u>	<u>55</u>	<u>54</u>	<u>52</u>	<u>50</u>	<u>49</u>	<u>49</u>	<u>47</u>	<u>46</u>	<u>635</u>
Total Depreciation and Return		<u>201</u>	<u>200</u>	<u>198</u>	<u>198</u>	<u>196</u>	<u>195</u>	<u>193</u>	<u>191</u>	<u>190</u>	<u>190</u>	<u>188</u>	<u>187</u>	<u>2,327</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59500% .
Return requirements are calculated using an income tax multiplier of 1.6280016.

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TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2005 through August 2005
Projected for Months September 2005 through December 2005

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1. Heating & Cooling										
2. Actual	0	53,586	0	27,757	24,423	381,650	75	2,143	0	489,634
3. Projected	0	30,348	1,080	1,000	3,170	192,000	40	885	0	228,523
4. Total	0	83,934	1,080	28,757	27,593	573,650	115	3,028	0	718,157
5. Prime Time										
6. Actual	1,172,054	303,684	7,055	79,193	0	5,400,487	22,403	-21,934	0	7,006,810
7. Projected	505,367	176,742	19,132	33,240	0	2,435,404	11,400	13,213	0	3,194,498
8. Total	1,677,421	480,426	26,187	112,433	0	7,835,891	33,803	35,147	0	10,201,308
9. Energy Audits										
10. Actual	0	530,001	710	29,368	195,980	0	30,018	21,175	(2,973)	804,279
11. Projected	0	295,910	3,200	13,340	208,995	0	18,252	14,487	0	554,184
12. Total	0	825,911	3,910	42,708	404,975	0	48,270	35,662	(2,973)	1,358,463
13. Cogeneration										
14. Actual	0	47,451	0	0	0	0	1,122	501	0	49,074
15. Projected	0	38,874	0	0	0	0	400	0	0	39,274
16. Total	0	86,325	0	0	0	0	1,522	501	0	88,348
17. Ceiling Insulation										
18. Actual	0	81,780	33	5,364	3,762	121,200	2,860	976	0	215,975
19. Projected	0	48,772	1,080	1,400	6,332	51,000	1,700	489	0	110,773
20. Total	0	130,552	1,113	6,764	10,094	172,200	4,560	1,465	0	326,748
21. Commercial Load Management										
22. Actual	1,676	3,179	0	0	0	5,648	287	0	0	10,790
23. Projected	819	740	0	0	0	2,600	0	0	0	4,159
24. Total	2,495	3,919	0	0	0	8,248	287	0	0	14,949
25. Commercial Lighting										
26. Actual	0	5,380	0	0	3,481	12,996	288	0	0	22,145
27. Projected	0	3,964	0	0	0	26,000	200	0	0	30,164
28. Total	0	9,344	0	0	3,481	38,996	488	0	0	52,309
29. Standby Generator										
30. Actual	0	9,093	0	0	0	363,018	819	0	0	372,930
31. Projected	0	2,511	164	0	0	217,500	153	0	0	220,328
32. Total	0	11,604	164	0	0	580,518	972	0	0	593,258
33. Conservation Value										
34. Actual	0	1,499	0	0	0	59,823	7	0	0	61,329
35. Projected	0	1,320	0	0	0	42,000	20	0	0	43,340
36. Total	0	2,819	0	0	0	101,823	27	0	0	104,669
37. Duct Repair										
38. Actual	0	110,141	988	6,631	57,097	383,650	6,765	6,259	0	571,531
39. Projected	0	73,578	1,480	3,400	94,895	210,000	3,652	3,224	0	390,329
40. Total	0	183,719	2,468	10,031	152,092	593,650	10,417	9,483	0	961,860
45. Renewable Energy Initiative										
46. Actual	0	17,543	53	16,265	0	0	199	8,995	(66,666)	(23,611)
47. Projected	0	6,872	0	44,200	0	0	25	2,740	(26,760)	27,077
48. Total	0	24,415	53	60,465	0	0	224	11,735	(93,426)	3,466
49. Industrial Load Management										
50. Actual	0	0	0	0	0	0	0	0	0	0
51. Projected	0	0	0	0	0	0	0	0	0	0
52. Total	0	0	0	0	0	0	0	0	0	0
53. DSM R&D										
54. Actual	0	0	0	2,224	0	0	7	0	0	2,231
55. Projected	0	0	0	0	0	0	0	0	0	0
56. Total	0	0	0	2,224	0	0	7	0	0	2,231
57. Commercial Cooling										
58. Actual	0	2,897	0	205	1,216	5,546	36	0	0	9,900
59. Projected	0	1,084	0	0	(4)	2,000	20	0	0	3,100
60. Total	0	3,981	0	205	1,212	7,546	56	0	0	13,000
61. Residential New Construction										
62. Actual	0	959	0	0	0	1,400	0	0	0	2,359
63. Projected	0	952	0	0	0	1,100	0	0	0	2,052
64. Total	0	1,911	0	0	0	2,500	0	0	0	4,411
65. Common Expenses										
66. Actual	0	116,944	0	0	0	0	47	0	0	116,991
67. Projected	0	64,148	0	0	0	0	40	0	0	64,188
68. Total	0	181,092	0	0	0	0	87	0	0	181,179
69. Price Responsive Load Mgmt - Pilot										
70. Actual	0	225,154	206,899	371,217	0	0	3,526	24,669	0	831,465
71. Projected	0	87,068	400	124,800	0	0	3,200	2,000	0	217,468
72. Total	0	312,222	207,299	496,017	0	0	6,726	26,669	0	1,048,933
73. Total All Programs	1,679,916	2,342,174	242,274	759,604	599,447	9,915,022	107,561	123,690	(96,399)	15,673,289

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TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2005 through August 2005
Projected for Months September 2005 through December 2005

PRIME TIME

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		50,333	7,602	1,135	203	386	0	208	0	2,617	2,617	2,617	2,617	70,334
2. Retirements		149,177	164,262	205,413	141,212	127,553	187,265	98,499	158,965	104,710	163,739	94,538	135,830	1,731,163
3. Depreciation Base		7,486,276	7,329,616	7,125,338	6,984,329	6,857,162	6,669,897	6,571,606	6,412,641	6,310,548	6,149,426	6,057,505	5,924,292	
4. Depreciation Expense		<u>125,595</u>	<u>123,466</u>	<u>120,458</u>	<u>117,581</u>	<u>115,346</u>	<u>112,725</u>	<u>110,346</u>	<u>108,202</u>	<u>106,027</u>	<u>103,833</u>	<u>101,724</u>	<u>99,848</u>	<u>1,345,151</u>
5. Cumulative Investment	<u>7,585,120</u>	7,486,276	7,329,616	7,125,338	6,984,329	6,857,162	6,669,897	6,571,606	6,412,641	6,310,548	6,149,426	6,057,505	5,924,292	5,924,292
6. Less: Accumulated Depreciation	<u>4,083,850</u>	<u>4,060,268</u>	<u>4,019,472</u>	<u>3,934,517</u>	<u>3,910,886</u>	<u>3,898,679</u>	<u>3,824,139</u>	<u>3,835,986</u>	<u>3,785,223</u>	<u>3,786,540</u>	<u>3,726,634</u>	<u>3,733,820</u>	<u>3,697,838</u>	<u>3,697,838</u>
7. Net Investment	<u>3,501,270</u>	<u>3,426,008</u>	<u>3,310,144</u>	<u>3,190,821</u>	<u>3,073,443</u>	<u>2,958,483</u>	<u>2,845,758</u>	<u>2,735,620</u>	<u>2,627,418</u>	<u>2,524,008</u>	<u>2,422,792</u>	<u>2,323,685</u>	<u>2,226,454</u>	<u>2,226,454</u>
8. Average Investment		3,463,639	3,368,076	3,250,483	3,132,132	3,015,963	2,902,121	2,790,689	2,681,519	2,575,713	2,473,400	2,373,239	2,275,070	
9. Return on Average Investment		20,609	20,040	19,340	18,636	17,945	17,268	16,605	15,955	15,325	14,717	14,121	13,537	204,098
10. Return Requirements		<u>33,551</u>	<u>32,625</u>	<u>31,486</u>	<u>30,339</u>	<u>29,214</u>	<u>28,112</u>	<u>27,033</u>	<u>25,975</u>	<u>24,949</u>	<u>23,959</u>	<u>22,989</u>	<u>22,038</u>	<u>332,270</u>
11. Total Depreciation and Return		<u>159,146</u>	<u>156,091</u>	<u>151,944</u>	<u>147,920</u>	<u>144,560</u>	<u>140,837</u>	<u>137,379</u>	<u>134,177</u>	<u>130,976</u>	<u>127,792</u>	<u>124,713</u>	<u>121,886</u>	<u>1,677,421</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.
Return on Average Investment is calculated using a monthly rate of 0.59500%
Return requirements are calculated using an income tax multiplier of 1.6280016.

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TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2005 through August 2005
Projected for Months September 2005 through December 2005

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		0	0	0	324	0	0	0	0	0	0	0	0	324
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		8,136	8,136	8,136	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	
4. Depreciation Expense		<u>136</u>	<u>136</u>	<u>136</u>	<u>138</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>141</u>	<u>1,674</u>
5. Cumulative Investment	<u>8,136</u>	8,136	8,136	8,136	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460	8,460
6. Less: Accumulated Deprec	<u>476</u>	<u>612</u>	<u>748</u>	<u>884</u>	<u>1,022</u>	<u>1,163</u>	<u>1,304</u>	<u>1,445</u>	<u>1,586</u>	<u>1,727</u>	<u>1,868</u>	<u>2,009</u>	<u>2,150</u>	<u>2,150</u>
7. Net Investment	<u>7,660</u>	<u>7,524</u>	<u>7,388</u>	<u>7,252</u>	<u>7,438</u>	<u>7,297</u>	<u>7,156</u>	<u>7,015</u>	<u>6,874</u>	<u>6,733</u>	<u>6,592</u>	<u>6,451</u>	<u>6,310</u>	<u>6,310</u>
8. Average Investment		7,592	7,456	7,320	7,345	7,368	7,227	7,086	6,945	6,804	6,663	6,522	6,381	
9. Return on Average Investment		45	44	44	44	44	43	42	41	40	40	39	38	504
10. Return Requirements		<u>73</u>	<u>72</u>	<u>72</u>	<u>72</u>	<u>72</u>	<u>70</u>	<u>68</u>	<u>67</u>	<u>65</u>	<u>65</u>	<u>63</u>	<u>62</u>	<u>821</u>
11. Total Depreciation and Return		<u>209</u>	<u>208</u>	<u>208</u>	<u>210</u>	<u>213</u>	<u>211</u>	<u>209</u>	<u>208</u>	<u>206</u>	<u>206</u>	<u>204</u>	<u>203</u>	<u>2,495</u>

NOTES:

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

Return on Average Investment is calculated using a monthly rate of 0.59500% .

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

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TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2005 through August 2005
Projected for Months September 2005 through December 2005

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Projected	October Projected	November Projected	December Projected	Grand Total
1 Heating and Cooling	40,801	52,200	52,354	54,678	77,364	75,618	93,580	43,039	57,410	57,534	56,764	56,815	718,157
2 Prime Time	1,033,393	1,025,538	1,008,654	808,280	775,859	779,028	795,205	780,853	769,885	768,982	758,895	896,736	10,201,308
3 Energy Audits	23,002	111,010	104,320	108,612	134,715	76,975	113,071	132,574	161,575	166,444	112,021	114,144	1,358,463
4 Cogeneration	11,999	9,951	4,821	4,115	3,490	8,368	3,692	2,638	9,898	9,805	9,766	9,805	88,348
5 Ceiling Insulation	22,159	25,926	36,805	26,311	27,167	17,569	22,541	37,497	30,568	27,821	26,149	26,235	326,748
6 Commercial Load Management	1,084	2,289	1,029	1,040	1,601	1,253	1,306	1,188	1,266	1,266	814	813	14,949
7 Commercial Lighting	(850)	2,565	6,713	1,431	706	291	9,722	1,567	7,541	7,541	7,541	7,541	52,309
8 Standby Generator	48,471	49,430	52,999	41,976	45,148	45,063	47,660	42,183	49,220	57,934	56,587	56,587	593,258
9 Conservation Value	88	245	460	2,185	57,999	166	83	103	16,330	340	10,330	16,340	104,669
10 Duct Repair	61,210	92,226	75,000	70,075	74,842	49,847	72,625	75,706	106,977	109,420	86,346	87,586	961,860
11 Renewable Energy Initiative	4,376	1,625	21,276	5,607	4,924	2,401	931	(64,751)	(2,727)	7,358	27,293	(4,847)	3,466
12 Industrial Load Management	0	0	0	48	(48)	0	0	0	0	0	0	0	0
13 DSM R&D	0	0	0	7	0	0	2,224	0	0	0	0	0	2,231
14 Commercial Cooling	1,432	1,102	2,782	323	365	96	771	3,029	770	780	770	780	13,000
15 Residential New Construction	89	109	1,046	822	119	91	0	83	538	538	538	438	4,411
16 Common Expenses	11,690	15,415	21,173	15,513	14,226	11,758	12,153	15,063	16,022	16,069	16,022	16,075	181,179
17 Price Responsive Load Mgmt - Pilot	3,127	15,649	51,674	127,494	148,280	127,087	185,885	172,269	60,921	54,999	50,774	50,774	1,048,933
18 Total	1,262,071	1,405,280	1,441,106	1,268,517	1,366,757	1,195,611	1,361,449	1,243,041	1,286,194	1,286,831	1,220,610	1,335,822	15,673,289
19 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Recoverable Conservation Expenses	<u>1,262,071</u>	<u>1,405,280</u>	<u>1,441,106</u>	<u>1,268,517</u>	<u>1,366,757</u>	<u>1,195,611</u>	<u>1,361,449</u>	<u>1,243,041</u>	<u>1,286,194</u>	<u>1,286,831</u>	<u>1,220,610</u>	<u>1,335,822</u>	<u>15,673,289</u>
	0	0	0	0	0	0	0	0	0	0	0	0	0

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TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2005 through August 2005
Projected for Months September 2005 through December 2005

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	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>1,205,510</u>	<u>1,098,159</u>	<u>1,054,098</u>	<u>1,116,100</u>	<u>1,147,994</u>	<u>1,509,067</u>	<u>1,567,779</u>	<u>1,624,317</u>	<u>1,586,982</u>	<u>1,418,917</u>	<u>1,210,839</u>	<u>1,223,905</u>	<u>15,763,667</u>
3. Total Revenues	1,205,510	1,098,159	1,054,098	1,116,100	1,147,994	1,509,067	1,567,779	1,624,317	1,586,982	1,418,917	1,210,839	1,223,905	15,763,667
4. Prior Period True-up	<u>200,417</u>	<u>200,417</u>	<u>200,417</u>	<u>200,417</u>	<u>200,417</u>	<u>200,417</u>	<u>200,417</u>	<u>200,417</u>	<u>200,417</u>	<u>200,417</u>	<u>200,417</u>	<u>200,413</u>	<u>2,405,000</u>
5. Conservation Revenue Applicable to Period	1,405,927	1,298,576	1,254,515	1,316,517	1,348,411	1,709,484	1,768,196	1,824,734	1,787,399	1,619,334	1,411,256	1,424,318	18,168,667
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>1,262,071</u>	<u>1,405,280</u>	<u>1,441,106</u>	<u>1,268,517</u>	<u>1,366,757</u>	<u>1,195,611</u>	<u>1,361,449</u>	<u>1,243,041</u>	<u>1,286,194</u>	<u>1,286,831</u>	<u>1,220,610</u>	<u>1,335,822</u>	<u>15,673,289</u>
7. True-up This Period (Line 5 - Line 6)	143,856	(106,704)	(186,591)	48,000	(18,346)	513,873	406,747	581,693	501,205	332,503	190,646	88,496	2,495,378
8. Interest Provision This Period (C-3, Page 6, Line 10)	4,801	4,729	4,198	3,820	3,553	5,487	4,816	7,261	7,808	9,195	9,444	9,262	74,374
9. True-up & Interest Provision Beginning of Period	2,405,000	2,353,240	2,050,848	1,668,038	1,519,441	1,304,231	1,623,174	1,834,320	2,222,857	2,531,453	2,672,734	2,672,407	2,405,000
10. Prior Period True-up Collected (Refunded)	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,417)</u>	<u>(200,413)</u>	<u>(2,405,000)</u>
11. End of Period Total Net True-up	<u>2,353,240</u>	<u>2,050,848</u>	<u>1,668,038</u>	<u>1,519,441</u>	<u>1,304,231</u>	<u>1,623,174</u>	<u>1,834,320</u>	<u>2,222,857</u>	<u>2,531,453</u>	<u>2,672,734</u>	<u>2,672,407</u>	<u>2,569,752</u>	<u>2,569,752</u>

* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	11,379,666	0.73	1,875,919
Energy	<u>4,260,453</u>	<u>0.27</u>	<u>693,833</u>
Total	<u>15,640,119</u>	<u>1.00</u>	<u>2,569,752</u>

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TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2005 through August 2005
Projected for Months September 2005 through December 2005

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	\$2,405,000	\$2,353,240	\$2,050,848	\$1,668,038	\$1,519,441	\$1,304,231	\$1,623,174	\$1,834,320	\$2,222,857	\$2,531,453	\$2,672,734	\$2,672,407	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>2,348,439</u>	<u>2,046,119</u>	<u>1,663,840</u>	<u>1,515,621</u>	<u>1,300,678</u>	<u>1,617,687</u>	<u>1,829,504</u>	<u>2,215,596</u>	<u>2,523,645</u>	<u>2,663,539</u>	<u>2,662,963</u>	<u>2,560,490</u>	
3. Total Beginning & Ending True-up	<u>\$4,753,439</u>	<u>\$4,399,359</u>	<u>\$3,714,688</u>	<u>\$3,183,659</u>	<u>\$2,820,119</u>	<u>\$2,921,918</u>	<u>\$3,452,678</u>	<u>\$4,049,916</u>	<u>\$4,746,502</u>	<u>\$5,194,992</u>	<u>\$5,335,697</u>	<u>\$5,232,897</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$2,376,720</u>	<u>\$2,199,680</u>	<u>\$1,857,344</u>	<u>\$1,591,830</u>	<u>\$1,410,060</u>	<u>\$1,460,959</u>	<u>\$1,726,339</u>	<u>\$2,024,958</u>	<u>\$2,373,251</u>	<u>\$2,597,496</u>	<u>\$2,667,849</u>	<u>\$2,616,449</u>	
5. Interest Rate - First Day of Month	<u>2.340%</u>	2.500%	2.650%	2.780%	2.980%	3.060%	3.270%	3.430%	3.640%	4.250%	4.250%	4.250%	
6. Interest Rate - First Day of Next Month	<u>2.500%</u>	<u>2.650%</u>	<u>2.780%</u>	<u>2.980%</u>	<u>3.060%</u>	<u>3.270%</u>	<u>3.430%</u>	<u>3.640%</u>	<u>4.250%</u>	<u>4.250%</u>	<u>4.250%</u>	<u>4.250%</u>	
7. Total (Line 5 + Line 6)	<u>4.840%</u>	<u>5.150%</u>	<u>5.430%</u>	<u>5.760%</u>	<u>6.040%</u>	<u>6.330%</u>	<u>6.700%</u>	<u>7.070%</u>	<u>7.890%</u>	<u>8.500%</u>	<u>8.500%</u>	<u>8.500%</u>	
8. Average Interest Rate (50% of Line 7)	<u>2.420%</u>	<u>2.575%</u>	<u>2.715%</u>	<u>2.880%</u>	<u>3.020%</u>	<u>3.165%</u>	<u>3.350%</u>	<u>3.535%</u>	<u>3.945%</u>	<u>4.250%</u>	<u>4.250%</u>	<u>4.250%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.202%</u>	<u>0.215%</u>	<u>0.226%</u>	<u>0.240%</u>	<u>0.252%</u>	<u>0.264%</u>	<u>0.279%</u>	<u>0.295%</u>	<u>0.329%</u>	<u>0.354%</u>	<u>0.354%</u>	<u>0.354%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$4,801</u>	<u>\$4,729</u>	<u>\$4,198</u>	<u>\$3,820</u>	<u>\$3,553</u>	<u>\$5,487</u>	<u>\$4,816</u>	<u>\$7,261</u>	<u>\$7,808</u>	<u>\$9,195</u>	<u>\$9,444</u>	<u>\$9,262</u>	<u>\$74,374</u>

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TAMPA ELECTRIC COMPANY
Energy Conservation
Calculation of Conservation Revenues

Actual for Months January 2005 through August 2005
Projected for Months September 2005 through December 2005

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,332,538	140,559	1,205,510
February	1,216,350	129,006	1,098,159
March	1,170,972	135,759	1,054,098
April	1,245,629	135,070	1,116,100
May	1,278,794	132,667	1,147,994
June	1,581,848	131,724	1,509,067
July	1,734,548	136,052	1,567,779
August	1,796,064	122,316	1,624,317
September	1,768,921	100,312	1,586,982
October	1,584,217	104,482	1,418,917
November	1,359,672	101,418	1,210,839
December	1,369,884	104,695	1,223,905
Total	<u>17,439,437</u>	<u>1,474,060</u>	<u>15,763,667</u>

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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, 2005 to December 31, 2005

There are 3,226 units projected to be installed and approved.

January 1, 2006 to December 31, 2006

There are 1,500 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$718,157.

January 1, 2006 to December 31, 2006

Expenditures estimated for the period are \$509,258.

**Program Progress
Summary:**

Through December 31, 2004, there were 156,057 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, 2005 to December 31, 2005

There are 65,403 projected customers for this program on a cumulative basis.

January 1, 2006 to December 31, 2006

There are 63,903 projected customers for this program on a cumulative basis.

**Program Fiscal
Expenditures:**

January 1, 2005 to December 31, 2005

Estimated expenditures are \$10,201,308.

January 1, 2006 to December 31, 2006

Estimated expenditures are \$9,824,992.

**Program Progress
Summary:**

There were 71,133 cumulative customers participating through December 31, 2004.

Breakdown is as follows:

Water Heating	64,930
Air Conditioning	48,610
Heating	50,840
Pool Pump	13,464

Per Commission Order No. 040033-EG issued February 16, 2005, this program is closed to new participants.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: ENERGY AUDITS

Program Description: These are on-site and mail-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, 2005 to December 31, 2005

Residential - 9,299 (RCS - 0; Free - 7,559; On-line - 1,740)

Comm/Ind - 423 (Paid - 0; Free - 423)

January 1, 2006 to December 31, 2006

Residential - 9,825 (RCS - 0; Alt - 8,100; On-line - 1,725)

Comm/Ind - 426 (Paid - 1 Free - 425)

Program Fiscal Expenditures:

January 1, 2005 to December 31, 2005

Expenditures are expected to be \$1,358,463.

January 1, 2006 to December 31, 2006

Expenditures are expected to be \$1,513,882.

Program Progress Summary:

Through December 31, 2004 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	220,275
Residential Cust. Assisted ⁽¹⁾	105,606
Commercial-Ind (Fee)	226
Commercial-Ind (Free)	15,478
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, 2005 to December 31, 2005

Communication and interaction will continue with all present and potential cogeneration customers, including the City of Tampa regarding increased capacity at the McKay Bay waste to energy (WTE) facility. Tampa Electric will begin discussions with Hillsborough County regarding an announced addition to its WTE facility as well.

January 1, 2006 to December 31, 2006

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

Program Fiscal Expenditures:

January 1, 2005 to December 31, 2005

Expenditures are estimated to be \$88,348.

January 1, 2006 to December 31, 2006

Expenditures are estimated to be \$98,141.

Program Progress Summary:

The projected total maximum generation by electrically interconnected cogeneration during 2005 will be approximately 395 MW.

Continuing interaction with current and potential cogeneration developers for discussion regarding current cogeneration activities and future cogeneration construction activities. Currently there are 14 Qualifying Facilities with generation on-line in our service area.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: CEILING INSULATION

Program Description: This is a residential conservation program designed to reduce weather-sensitive peaks by providing incentives to encourage the installation of efficient levels of ceiling insulation.

Program Projections: January 1, 2005 to December 31, 2005

Approximately 1,722 participants are expected during this period.

January 1, 2006 to December 31, 2006

Approximately 2,500 participants are expected during this period.

**Program Fiscal
Expenditures:**

January 1, 2005 to December 31, 2005

Expenditures are estimated to be \$326,478.

January 1, 2006 to December 31, 2006

Expenditures are estimated to be \$422,552.

**Program Progress
Summary:**

Through December 31, 2004, there were 75,904 installations that received incentives.

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, 2005 to December 31, 2005

There are no new installations expected.

January 1, 2006 to December 31, 2006

One installation expected.

**Program Fiscal
Expenditures:**

January 1, 2005 to December 31, 2005

Expenses of \$14,949 are estimated.

January 1, 2006 to December 31, 2006

Expenses of \$14,527 are estimated.

**Program Progress
Summary:**

Through December 31, 2004, there were 19 commercial installations in service.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL INDOOR 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, 2005 to December 31, 2005

During this period, 22 customers are expected to participate.

January 1, 2006 to December 31, 2006

During this period, 35 customers are expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$52,309.

January 1, 2006 to December 31, 2006

Expenditures estimated for this period are \$92,870.

**Program Progress
Summary:**

Through December 31, 2003, there were 1,014 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, 2005 to December 31, 2005

One installation is expected.

January 1, 2006 to December 31, 2006

One installation is expected.

**Program Fiscal
Expenditures:**

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$593,258.

January 1, 2006 to December 31, 2006

Expenditures estimated for the period are \$690,213.

**Program Progress
Summary:**

Through December 31, 2004, there are 34 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, 2005 to December 31, 2005

Two customers are expected to participate during this period.

January 1, 2006 to December 31, 2006

One customer is expected to participate during this period.

Program Fiscal Expenditures:

January 1, 2005 to December 31, 2005

Estimated expenses are \$104,669.

January 1, 2006 to December 31, 2006

Estimated expenses are \$94,000.

Program Progress Summary:

Through December 31, 2004, there were 23 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, 2005 to December 31, 2005

There are 2,797 repairs projected to be made.

January 1, 2006 to December 31, 2006

There are 2,750 repairs projected to be made.

Program Fiscal Expenditures:

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$961,860.

January 1, 2006 to December 31, 2006

Expenditures estimated for the period are \$934,422.

Program Progress Summary:

Through December 31, 2003, there are 42,364 customers that have participated.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: RENEWABLE ENERGY INITIATIVE

Program Description: This is a three-year pilot initiative designed to assist in the delivery of renewable energy for the company's Pilot Program. This specific effort provides funding for program administration, evaluation and market research.

Program Projections: January 1, 2005 to December 31, 2005

There are 1,193 customers with 1,533 subscribed blocks estimated for this period on a cumulative basis.

January 1, 2006 to December 31, 2006

There are 1,641 customers with 2,237 subscribed blocks estimated for this period on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$3,466.

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$112,168.

Program Progress Summary:

Through December 31, 2004, there were 492 customers with 674 blocks subscribed. Recovery of expenses in excess of annual revenues was approved in Order No. PSC-04-0386-TRF-EI, Docket No. 030959-EI, issued April 6, 2004.

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, 2005 to December 31, 2005

No customers are expected to participate.

January 1, 2006 to December 31, 2006

See Program Progress Summary below.

Program Fiscal Expenditures:

January 1, 2005 to December 31, 2005

No expenses are expected.

January 1, 2006 to December 31, 2006

Expenditures estimated for the period are \$389,004.

Program Progress Summary:

Program approved by FPSC in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999. For 2005, current assessment for participation has program open for customers, however, no participation is expected. Should the 2006 assessment indicate an opportunity for customer participation, the projected expenditures above have been based on the current interruptible class load average per customer with the additional assumption that each incremental customer would replicate that average.

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, 2005 to December 31, 2005

Expenditures are estimated at \$2,231.

January 1, 2006 to December 31, 2006

Expenditures are estimated at \$48,960.

**Program Progress
Summary:**

Tampa Electric's current activities for traditional R&D include the following: 1) the evaluation of a new type of energy recovery ventilation system designed to reduce the amount of moisture in commercial fresh air HVAC intakes; and 2) the evaluation and monitoring of a photovoltaic (PV) system installed at a local school also used as a storm center.

Testing is designed to evaluate the demand and energy consumption and operating characteristics of these products. This information will be used to determine potential DSM opportunities as directed in Order No. PSC-05-0181-PAA-EG, Docket No. 040033-EG.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOLING

Program Description: This is an incentive program to encourage the installation of high efficiency direct expansion (DX) commercial air conditioning equipment.

Program Projections: January 1, 2005 to December 31, 2005

There are 30 customers expected to participate.

January 1, 2006 to December 31, 2006

There are 40 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2005 to December 31, 2005

Expenditures are estimated at \$13,000.

January 1, 2006 to December 31, 2006

Expenditures are estimated at \$16,854.

Program Progress Summary:

Through December 31, 2004, there were 365 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, 2005 to December 31, 2005

There are 10 customers expected to participate.

January 1, 2006 to December 31, 2006

There are 12 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2005 to December 31, 2005

Expenditures are estimated at \$4,411.

January 1, 2006 to December 31, 2006

Expenditures are estimated at \$5,376.

Program Progress Summary:

Through December 31, 2004, 23 approved homes have participated.

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Projections: N/A

Program Fiscal Expenditures: January 1, 2005 to December 31, 2005

Expenditures are estimated to be \$181,179.

January 1, 2006 to December 31, 2006

Expenditures are estimated at \$206,928.

Program Progress Summary: N/A

PROGRAM DESCRIPTION AND PROGRESS

Program Title: PRICE RESPONSIVE LOAD MANAGEMENT - PILOT PROGRAM

Program Description: A load management project 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, 2005 to December 31, 2005

There are 250 customers expected to participate.

January 1, 2006 to December 31, 2006

Customer Sample set at 250 customers participating.

Program Fiscal Expenditures:

January 1, 2005 to December 31, 2005

Expenditures are estimated at \$1,048,933.

January 1, 2006 to December 31, 2006

Expenditures are estimated at \$665,972.

Program Progress Summary:

Equipment installation for the customer sample began in May 2005. Currently, 233 customers are participating in the new price responsive rate. The remaining 17 customers of the total 250 customer sample will be added before year-end 2005. Tampa Electric is collecting data that will be utilized to determine customer acceptance and cost-effectiveness of the program.

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

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PROGRAM DEMAND SAVINGS & LINE LOSSES

I. (1) CUSTOMER KW REDUCTION AT THE METER	2,297 KW /CUST
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	2,552 KW GEN/CUST
I. (3) KW LINE LOSS PERCENTAGE	6.5 %
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	590,168 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	555,938 KWH/CUST/YR

ECONOMIC LIFE & K FACTORS

II. (1) STUDY PERIOD FOR CONSERVATION PROGRAM	26 YEARS
II. (2) GENERATOR ECONOMIC LIFE	26 YEARS
II. (3) T & D ECONOMIC LIFE	26 YEARS
II. (4) K FACTOR FOR GENERATION	1.6926
II. (5) K FACTOR FOR T & D	1.6926
II. (6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1)	0

UTILITY & CUSTOMER COSTS

III. (1) UTILITY NONRECURRING COST PER CUSTOMER	1,611 \$/CUST
III. (2) UTILITY RECURRING COST PER CUSTOMER	1,299 \$/CUST/YR
III. (3) UTILITY COST ESCALATION RATE	2.2 %
III. (4) CUSTOMER EQUIPMENT COST	11,345 \$/CUST
III. (5) CUSTOMER EQUIPMENT ESCALATION RATE	2.2 %
III. (6) CUSTOMER O & M COST	0 \$/CUST/YR
III. (7) CUSTOMER O & M ESCALATION RATE	2.2 %
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	0.0909
III. (13)* UTILITY AFUDC RATE	0.0779
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00 \$/CUST
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	143,700 \$/CUST/YR
III. (16)* UTILITY REBATE/INCENTIVE ESCAL RATE	0 %

AVOIDED GENERATOR, TRANS. & DIST COSTS

IV. (1) BASE YEAR	2005
IV. (2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2007
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2007
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	199.06 \$/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	2,566 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.2 %
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	2.2 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.8195 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.2 %
IV. (15) GENERATOR CAPACITY FACTOR	2.7 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST	8.72 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	2.6139 %
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	1.370 CENTS/KWH
V. (2) NON-FUEL ESCALATION RATE	1 %
V. (3) CUSTOMER DEMAND CHARGE PER KW	7.25 \$/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	64.98
(2)* PARTICIPANT NET BENEFITS (NPV)	1,821
(3)* RIM TEST - BENEFIT/COST RATIO	1.20

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CALCULATION OF AFUDC AND IN-SERVICE COST OF PLANT
 PLANT: 2007 Avoided Unit

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
YEAR	NO. YEARS BEFORE INSERVICE	PLANT ESCALATION RATE (%)	CUMULATIVE ESCALATION FACTOR	YEARLY EXPENDITURE (%)	ANNUAL SPENDING (\$/KW)	CUMULATIVE AVERAGE SPENDING (\$/KW)	CUMULATIVE SPENDING WITH AFUDC (\$/KW)	YEARLY TOTAL AFUDC (\$/KW)	INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
1999	-8	0	1	0	0	0	0	0	0	0
2000	-7	0	1	0	0	0	0	0	0	0
2001	-6	0	1	0	0	0	0	0	0	0
2002	-5	0	1	0	0	0	0	0	0	0
2003	-4	0	1	0	0	0	0	0	0	0
2004	-3	0	1	0	0	0	0	0	0	0
2005	-2	0	1	0.4900	98	48.77	48.77	3.83	101.37	101.37
2006	-1	0.023	1	0.5100	101.52	148.30	152.13	11.59	113.11	214.48
2007	0	0	0	0.0000	0	0.00	0.00	0.00	0.00	0.00
					1.000	199.06		15.42	214.48	

IN-SERVICE YEAR = 2007

PLANT COSTS (2005 \$) 199.06
 AFUDC RATE: 7.79%

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

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COSTS (C/KWH)	AVOIDED MARGINAL FUEL COST (C/KWH)	INCREASED MARGINAL FUEL COST (C/KWH)	REPLACEMENT FUEL COST (C/KWH)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KWH EFFECTIVENESS FACTOR	OTHER COSTS (\$000)	OTHER BENEFITS (\$000)
2005	1	1	4.24	5.93	0	0	1	1	0	0
2006	1	1	4.36	5.88	0	0	1	1	0	0
2007	1	1	4.26	5.15	0	0	1	1	0	0
2008	1	1	4.13	5.83	0	0	1	1	0	0
2009	1	1	4.08	5.18	0	0	1	1	0	0
2010	1	1	4.33	5.40	0	0	1	1	0	0
2011	1	1	4.31	4.96	0	0	1	1	0	0
2012	1	1	4.34	5.21	0	0	1	1	0	0
2013	1	1	4.27	5.42	0	0	1	1	0	0
2014	1	1	4.30	5.22	0	0	1	1	0	0
2015	1	1	4.39	5.56	0	0	1	1	0	0
2016	1	1	4.43	5.53	0	0	1	1	0	0
2017	1	1	4.66	6.13	0	0	1	1	0	0
2018	1	1	4.93	6.39	0	0	1	1	0	0
2019	1	1	5.20	6.69	0	0	1	1	0	0
2020	1	1	5.40	7.20	0	0	1	1	0	0
2021	1	1	5.77	7.61	0	0	1	1	0	0
2022	1	1	6.10	8.00	0	0	1	1	0	0
2023	1	1	6.36	8.35	0	0	1	1	0	0
2024	1	1	6.65	8.96	0	0	1	1	0	0
2025	1	1	6.93	9.62	0	0	1	1	0	0
2026	1	1	7.32	9.70	0	0	1	1	0	0
2027	1	1	7.66	10.31	0	0	1	1	0	0
2028	1	1	7.81	10.59	0	0	1	1	0	0
2029	1	1	8.23	11.19	0	0	1	1	0	0
2030	1	1	8.58	11.44	0	0	1	1	0	0

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AVOIDED GENERATION UNIT BENEFITS
PROGRAM: GSLM 2&3

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* UNIT SIZE OF AVOIDED GENERATION UNIT = 2,552 KW
* INSERVICE COSTS OF AVOIDED GEN. UNIT (000) = \$547

(1)	(1A)*	(2)	(2A)*	(3)	(4)	(5)	(6)	(6A)*	(7)
YEAR	REVENUE REQUIREMENT FACTOR	AVOIDED GEN UNIT CAPACITY COST \$(000)	AVOIDED ANNUAL UNIT KWH GEN (000)	AVOIDED UNIT FIXED O&M COST \$(000)	AVOIDED GEN UNIT VARIABLE O&M COST \$(000)	AVOIDED GEN UNIT FUEL COST \$(000)	REPLACEMENT FUEL COST \$(000)	AVOIDED PURCHASED CAPACITY COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)
2005	0.000	0	0	0	0	0	0	0	0
2006	0.000	0	0	0	0	0	0	0	0
2007	0.218	119	604	7	5	55	0	0	187
2008	0.210	115	604	7	5	57	0	0	184
2009	0.201	110	604	7	5	58	0	0	181
2010	0.193	106	604	7	6	60	0	0	178
2011	0.185	101	604	7	6	61	0	0	176
2012	0.177	97	604	8	6	63	0	0	174
2013	0.170	93	604	8	6	65	0	0	172
2014	0.163	89	604	8	6	66	0	0	170
2015	0.156	85	604	8	6	68	0	0	168
2016	0.149	82	604	8	6	70	0	0	166
2017	0.142	78	604	9	6	72	0	0	164
2018	0.135	74	604	9	7	74	0	0	163
2019	0.128	70	604	9	7	76	0	0	161
2020	0.121	66	604	9	7	78	0	0	159
2021	0.113	62	604	9	7	80	0	0	158
2022	0.107	59	604	9	7	82	0	0	157
2023	0.103	56	604	10	7	84	0	0	157
2024	0.099	54	604	10	7	86	0	0	158
2025	0.096	52	604	10	8	88	0	0	158
2026	0.092	50	604	10	8	91	0	0	159
2027	0.088	48	604	11	8	93	0	0	160
2028	0.085	46	604	11	8	95	0	0	161
2029	0.081	44	604	11	8	98	0	0	162
2030	0.077	42	604	11	9	100	0	0	163
NOMINAL		1800	14486	213	161	1819	0	0	3994
NPV		784		72	54	604	0	0	1,514

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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EXHIBIT NO. _____
DOCKET NO. 050002-EG
TAMPA ELECTRIC COMPANY
(HTB-2)

AVOIDED T & D AND PROGRAM FUEL SAVINGS
PROGRAM: GSLM 2&3

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* INSERVICE COSTS OF AVOIDED TRANS. (000) = \$0
* INSERVICE COSTS OF AVOIDED DIST. (000) = \$0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
YEAR	AVOIDED TRANSMISSION CAPACITY COST \$(000)	AVOIDED TRANSMISSION O&M COST \$(000)	TOTAL AVOIDED TRANSMISSION COST \$(000)	AVOIDED DISTRIBUTION CAPACITY COST \$(000)	AVOIDED DISTRIBUTION O&M COST \$(000)	TOTAL AVOIDED DISTRIBUTION COST \$(000)	PROGRAM FUEL SAVINGS \$(000)
2005	0	0	0	0	0	0	18
2006	0	0	0	0	0	0	35
2007	0	0	0	0	0	0	30
2008	0	0	0	0	0	0	34
2009	0	0	0	0	0	0	31
2010	0	0	0	0	0	0	32
2011	0	0	0	0	0	0	29
2012	0	0	0	0	0	0	31
2013	0	0	0	0	0	0	32
2014	0	0	0	0	0	0	31
2015	0	0	0	0	0	0	33
2016	0	0	0	0	0	0	33
2017	0	0	0	0	0	0	36
2018	0	0	0	0	0	0	38
2019	0	0	0	0	0	0	39
2020	0	0	0	0	0	0	43
2021	0	0	0	0	0	0	45
2022	0	0	0	0	0	0	47
2023	0	0	0	0	0	0	49
2024	0	0	0	0	0	0	53
2025	0	0	0	0	0	0	57
2026	0	0	0	0	0	0	57
2027	0	0	0	0	0	0	61
2028	0	0	0	0	0	0	63
2029	0	0	0	0	0	0	66
2030	0	0	0	0	0	0	67
NOMINAL	0	0	0	0	0	0	1,089
NPV:	0	0	0	0	0	0	377

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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(1)	(2)	(3)	(4)	(5)	(6)	(7)
YEAR	REDUCTION IN KWH GENERATION NET NEW CUST KWH (000)	AVOIDED MARGINAL FUEL COST - REDUCED KWH \$(000)	INCREASE IN KWH GENERATION NET NEW CUST KWH (000)	INCREASED MARGINAL FUEL COST - INCREASE KWH \$(000)	NET AVOIDED PROGRAM FUEL SAVINGS \$(000)	EFFECTIVE PROGRAM FUEL SAVINGS \$(000)
2005	295	18	0	0	18	18
2006	590	35	0	0	35	35
2007	590	30	0	0	30	30
2008	590	34	0	0	34	34
2009	590	31	0	0	31	31
2010	590	32	0	0	32	32
2011	590	29	0	0	29	29
2012	590	31	0	0	31	31
2013	590	32	0	0	32	32
2014	590	31	0	0	31	31
2015	590	33	0	0	33	33
2016	590	33	0	0	33	33
2017	590	36	0	0	36	36
2018	590	38	0	0	38	38
2019	590	39	0	0	39	39
2020	590	43	0	0	43	43
2021	590	45	0	0	45	45
2022	590	47	0	0	47	47
2023	590	49	0	0	49	49
2024	590	53	0	0	53	53
2025	590	57	0	0	57	57
2026	590	57	0	0	57	57
2027	590	61	0	0	61	61
2028	590	63	0	0	63	63
2029	590	66	0	0	66	66
2030	590	67	0	0	67	67
NOMINAL	15,049	1,089	0	0	1,089	1,089
NPV:		377		0	377	377

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
UTILITY PROGRAM COSTS & REBATES				← PARTICIPATING CUSTOMER COSTS & BENEFITS →													
YEAR	UTIL NONREC. COSTS \$(000)	UTIL RECUR COSTS \$(000)	TOTAL UTIL PGM COSTS \$(000)	UTIL NONREC. REBATES \$(000)	UTIL RECUR. REBATES \$(000)	TOTAL REBATE/ INCENT. COSTS \$(000)	PARTIC. CUST. EQUIP COSTS \$(000)	PARTIC. CUST. O & M COSTS \$(000)	TOTAL COSTS PARTIC. CUST \$(000)	REDUCT. IN CUST. KWH (000)	RED. REV. - FUEL PORTION \$(000)	RED. REV. NONFUEL PORTION \$(000)	EFFECT. REV. REDUCT. TO CUST \$(000)	INC. IN CUST. KWH (000)	INC. REV. - FUEL PORTION \$(000)	INC. REV. NONFUEL PORTION	EFFECT. REVENUE INC. IN BILL \$(000)
2005	2	1	2	0	72	72	11	0	11	278	12	4	16	0	0	0	0
2006	0	1	1	0	144	144	0	0	0	556	24	8	32	0	0	0	0
2007	0	1	1	0	144	144	0	0	0	556	24	8	31	0	0	0	0
2008	0	1	1	0	144	144	0	0	0	556	23	3	31	0	0	0	0
2009	0	1	1	0	144	144	0	0	0	556	23	8	31	0	0	0	0
2010	0	1	1	0	144	144	0	0	0	556	24	8	32	0	0	0	0
2011	0	1	1	0	144	144	0	0	0	556	24	8	32	0	0	0	0
2012	0	2	2	0	144	144	0	0	0	556	24	8	32	0	0	0	0
2013	0	2	2	0	144	144	0	0	0	556	24	8	32	0	0	0	0
2014	0	2	2	0	144	144	0	0	0	556	24	8	32	0	0	0	0
2015	0	2	2	0	144	144	0	0	0	556	24	8	33	0	0	0	0
2016	0	2	2	0	144	144	0	0	0	556	25	8	33	0	0	0	0
2017	0	2	2	0	144	144	0	0	0	556	26	9	35	0	0	0	0
2018	0	2	2	0	144	144	0	0	0	556	27	9	36	0	0	0	0
2019	0	2	2	0	144	144	0	0	0	556	29	9	38	0	0	0	0
2020	0	2	2	0	144	144	0	0	0	556	30	9	39	0	0	0	0
2021	0	2	2	0	144	144	0	0	0	556	32	9	41	0	0	0	0
2022	0	2	2	0	144	144	0	0	0	556	34	9	43	0	0	0	0
2023	0	2	2	0	144	144	0	0	0	556	35	9	44	0	0	0	0
2024	0	2	2	0	144	144	0	0	0	556	37	9	46	0	0	0	0
2025	0	2	2	0	144	144	0	0	0	556	39	9	48	0	0	0	0
2026	0	2	2	0	144	144	0	0	0	556	41	9	50	0	0	0	0
2027	0	2	2	0	144	144	0	0	0	556	43	9	52	0	0	0	0
2028	0	2	2	0	144	144	0	0	0	556	43	10	53	0	0	0	0
2029	0	2	2	0	144	144	0	0	0	556	46	10	55	0	0	0	0
2030	0	2	2	0	144	144	0	0	0	556	48	10	57	0	0	0	0
NOMINAL	2	44	46	0	3,664	3,664	11	0	11	14,176	783	221	1,005	0	0	0	0
NPV	2	16	18	0	1,473	1,473	11	0	11		274	85	359		0	0	0

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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TOTAL RESOURCE COST TESTS
PROGRAM: GSLM 2&3

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T & D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)	
2005	0	2	11	0	14	0	0	18	0	18	4	4	
2006	0	1	0	0	1	0	0	35	0	35	33	35	
2007	0	1	0	0	1	187	0	30	0	217	216	216	
2008	0	1	0	0	1	184	0	34	0	219	217	383	
2009	0	1	0	0	1	181	0	31	0	212	210	532	
2010	0	1	0	0	1	178	0	32	0	210	209	667	
2011	0	1	0	0	1	176	0	29	0	205	204	787	
2012	0	2	0	0	2	174	0	31	0	204	203	898	
2013	0	2	0	0	2	172	0	32	0	204	202	998	
2014	0	2	0	0	2	170	0	31	0	201	199	1,089	
2015	0	2	0	0	2	168	0	33	0	201	199	1,173	
2016	0	2	0	0	2	166	0	33	0	199	197	1,248	
2017	0	2	0	0	2	164	0	36	0	201	199	1,318	
2018	0	2	0	0	2	163	0	38	0	200	199	1,382	
2019	0	2	0	0	2	161	0	39	0	201	199	1,441	
2020	0	2	0	0	2	159	0	43	0	202	200	1,496	
2021	0	2	0	0	2	158	0	45	0	203	201	1,546	
2022	0	2	0	0	2	157	0	47	0	204	202	1,592	
2023	0	2	0	0	2	157	0	49	0	206	204	1,634	
2024	0	2	0	0	2	158	0	53	0	210	209	1,674	
2025	0	2	0	0	2	158	0	57	0	215	213	1,712	
2026	0	2	0	0	2	159	0	57	0	216	214	1,746	
2027	0	2	0	0	2	160	0	61	0	221	219	1,778	
2028	0	2	0	0	2	161	0	63	0	223	221	1,808	
2029	0	2	0	0	2	162	0	66	0	228	225	1,836	
2030	0	2	0	0	2	163	0	67	0	230	228	1,862	
NOMINAL	0	46	11	0	57	3,994	0	1,089	0	5,083	5,025		
NPV:	0	18	11	0	29	1,514	0	377	0	1,891	1,862		
Discount Rate		0.0909	Benefit/Cost Ratio - [col (11)/col (6)]:					64.98					

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PARTICIPANT COSTS AND BENEFITS
PROGRAM: GSLM 2&3

PSC FORM CE 2.4
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September 6, 2005

(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)
2005	16	0	72	0	87	11	0	0	11	76	76
2006	32	0	144	0	176	0	0	0	0	176	237
2007	31	0	144	0	175	0	0	0	0	175	384
2008	31	0	144	0	174	0	0	0	0	174	519
2009	31	0	144	0	174	0	0	0	0	174	642
2010	32	0	144	0	176	0	0	0	0	176	756
2011	32	0	144	0	176	0	0	0	0	176	860
2012	32	0	144	0	176	0	0	0	0	176	956
2013	32	0	144	0	176	0	0	0	0	176	1,043
2014	32	0	144	0	176	0	0	0	0	176	1,123
2015	33	0	144	0	177	0	0	0	0	177	1,197
2016	33	0	144	0	177	0	0	0	0	177	1,265
2017	35	0	144	0	178	0	0	0	0	178	1,328
2018	36	0	144	0	180	0	0	0	0	180	1,386
2019	38	0	144	0	181	0	0	0	0	181	1,440
2020	39	0	144	0	183	0	0	0	0	183	1,489
2021	41	0	144	0	185	0	0	0	0	185	1,535
2022	43	0	144	0	187	0	0	0	0	187	1,578
2023	44	0	144	0	188	0	0	0	0	188	1,617
2024	46	0	144	0	190	0	0	0	0	190	1,653
2025	48	0	144	0	192	0	0	0	0	192	1,687
2026	50	0	144	0	194	0	0	0	0	194	1,718
2027	52	0	144	0	196	0	0	0	0	196	1,747
2028	53	0	144	0	197	0	0	0	0	197	1,774
2029	55	0	144	0	199	0	0	0	0	199	1,798
2030	57	0	144	0	201	0	0	0	0	201	1,821
NOMINAL	1,005	0	3,664	0	4,669	11	0	0	11	4,658	
NPV:	359	0	1,473	0	1,832	11	0	0	11	1,821	

In service year of gen unit: 2004
Discount rate: 0.0909

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RATE IMPACT TEST
PROGRAM: GSLM 2&3

PSC FORM CE 2.5
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September 6, 2005

(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)
2005	0	2	72	4	0	78	18	0	0	0	18	(60)	(60)
2006	0	1	144	8	0	153	35	0	0	0	35	(118)	(169)
2007	0	1	144	8	0	153	217	0	0	0	217	64	(115)
2008	0	1	144	8	0	153	219	0	0	0	219	66	(64)
2009	0	1	144	8	0	153	212	0	0	0	212	59	(23)
2010	0	1	144	8	0	153	210	0	0	0	210	57	14
2011	0	1	144	8	0	153	205	0	0	0	205	52	45
2012	0	2	144	8	0	153	204	0	0	0	204	51	73
2013	0	2	144	8	0	153	204	0	0	0	204	50	98
2014	0	2	144	8	0	154	201	0	0	0	201	47	119
2015	0	2	144	8	0	154	201	0	0	0	201	47	139
2016	0	2	144	8	0	154	199	0	0	0	199	45	156
2017	0	2	144	9	0	154	201	0	0	0	201	47	172
2018	0	2	144	9	0	154	200	0	0	0	200	46	187
2019	0	2	144	9	0	154	201	0	0	0	201	46	201
2020	0	2	144	9	0	154	202	0	0	0	202	48	214
2021	0	2	144	9	0	154	203	0	0	0	203	48	226
2022	0	2	144	9	0	155	204	0	0	0	204	50	237
2023	0	2	144	9	0	155	206	0	0	0	206	52	248
2024	0	2	144	9	0	155	210	0	0	0	210	56	259
2025	0	2	144	9	0	155	215	0	0	0	215	60	269
2026	0	2	144	9	0	155	216	0	0	0	216	61	279
2027	0	2	144	9	0	155	221	0	0	0	221	65	289
2028	0	2	144	10	0	155	223	0	0	0	223	68	298
2029	0	2	144	10	0	156	228	0	0	0	228	72	307
2030	0	2	144	10	0	156	230	0	0	0	230	74	315
NOMINAL	0	46	3,664	221	0	3,931	5,083	0	0	0	5,083	1,151	
NPV:	0	18	1,473	85	0	1,576	1,891	0	0	0	1,891	315	
Discount rate:			0.0909				Benefit/Cost Ratio - [col (12)/col (7)]:			1.20			

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EXHIBIT NO. _____
DOCKET NO. 060002-EG
TAMPA ELECTRIC COMPANY
(HTB-2)