



BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 040002-EG
IN RE: CONSERVATION COST RECOVERY CLAUSE
TESTIMONY AND EXHIBIT
OF
HOWARD T. BRYANT

FILED: September 24, 2004

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

HOWARD T. BRYANT

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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, the

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

3
4 Q. What is the purpose of your testimony in this proceeding?

5
6 A. The purpose of my testimony is to support the company's
7 actual conservation costs incurred during the period
8 January 2003 through December 2003, the actual and
9 projected period of January 2004 to December 2004, and
10 the projected period of January 2005 through December
11 2005. Also, I will support the level of charges
12 (benefits) for the interruptible customers allocated to
13 the period January 2005 through December 2005. The
14 balance of costs will be charged to the firm customers on
15 a per kilowatt-hour ("kWh") basis in accordance with
16 Docket No. 930759-EG, Order No. PSC-93-1845-FOF-EG, dated
17 December 29, 1993. Finally, I will support the
18 appropriate Contracted Credit Value ("CCV") for potential
19 participants in the General Service Industrial Load
20 Management Riders ("GSLM-2" and "GSLM-3") for the period
21 January 2005 through December 2005.

22
23 Q. What is the basis of this request for expenses to be
24 based on different charges for interruptible and firm
25 customers?

1 **A.** Tampa Electric believes that its conservation and load
2 management programs do not accrue capacity benefits to
3 interruptible customers. This position has been
4 supported by the Florida Public Service Commission
5 ("Commission") in Docket Nos. 900002-EG through 030002-
6 EG. The company estimates the cumulative effects of its
7 conservation and load management programs will allow the
8 interruptible customers to have lower fuel costs
9 (\$0.31/MWH) due to the reductions in marginal fuel costs.

10

11 **Q.** How were those benefits calculated?

12

13 **A.** To determine fuel savings effects, we have calculated a
14 "what if there had been no conservation programs"
15 scenario. The results indicate that the avoided
16 gigawatt-hours have actually reduced average fuel costs
17 due to the fact that higher priced marginal fuels would
18 have been burned if the gigawatt-hours had not been
19 saved. The attached analysis, Exhibit No. ___ (HTB-2),
20 Conservation Costs Projected, portrays the costs and
21 benefits.

22

23 **Q.** Will charging different amounts for firm and
24 interruptible customers conflict with the Florida Energy
25 Efficiency and Conservation Act?

1 **A.** No. The act requires the utilities, through the guidance
2 of the Commission, to cost effectively reduce peak
3 demand, energy consumption and the use of scarce
4 resources, particularly petroleum fuels. It does not
5 require all customers to pay the utilities' conservation
6 costs whether they receive the same level of benefits or
7 not. The relationships between costs and benefits
8 received are specifically the determination of the
9 Commission.

10

11 **Q.** Please describe the conservation program costs projected
12 by Tampa Electric during the period January 2003 through
13 December 2003.

14

15 **A.** For the period January 2003 through December 2003, Tampa
16 Electric projected conservation program costs to be
17 \$18,734,993. The Commission authorized collections to
18 recover these expenses in Docket No. 020002-EG, Order No.
19 PSC-02-1738-FOF-EG, issued December 10, 2002.

20

21 **Q.** For the period January 2003 through December 2003, what
22 were Tampa Electric's conservation costs and what was
23 recovered through the ECCR Clause?

24

25 **A.** For the period January 2003 through December 2003 Tampa

1 Electric incurred actual net conservation costs of
2 \$17,518,874, plus a beginning true-up over-recovery of
3 \$1,138,692 for a total of \$16,380,182. The amount
4 collected in the ECCR Clause was \$17,794,674.

5
6 **Q.** What was the true-up amount?

7
8 **A.** The true-up amount for the period January 2003 through
9 December 2003 was an over-recovery of \$1,428,023. These
10 calculations are detailed in Exhibit No. ____ (HTB-1),
11 Conservation Cost Recovery True Up, Pages 1 through 11,
12 filed May 03, 2004.

13
14 **Q.** Please describe the conservation program costs incurred
15 and projected to be incurred by Tampa Electric during the
16 period January 2004 through December 2004.

17
18 **A.** The actual costs incurred by Tampa Electric through
19 August 2004 and estimated for September 2004 through
20 December 2004 are \$16,963,026. For the period, Tampa
21 Electric anticipates an over-recovery in the ECCR Clause
22 of \$1,990,596 which includes the previous period true-up
23 and interest. A summary of these costs and estimates are
24 fully detailed in Exhibit No. ____ (HTB-2), Conservation
25 Costs Projected, pages 12 through 26.

1 Q. Please describe how the conservation program costs Tampa
2 Electric is estimating for the projected period of
3 January 2005 through December 2005 relate to the DSM
4 goals approved by the Commission in Docket No. 040033-EG.

5
6 A. In Docket No. 040033-EG, Tampa Electric filed its
7 proposed DSM goals with supporting testimony for the 2005
8 through 2014 period. The Commission approved the
9 company's DSM goals in Order No. PSC-04-0765-PAA-EG dated
10 August 9, 2005. In that supporting testimony, the
11 company identified its residential load management
12 program - Prime Time - as no longer cost-effective.
13 However, the testimony further stated that there was
14 value in the company's existing residential load
15 management resource and the potential for incremental
16 load management in the marketplace. Therefore, the
17 testimony stated that the company would request a new
18 program for residential load management - Price
19 Responsive Load Management ("PRLM") - to be deployed as a
20 pilot program for up to two years. In the interim, and
21 until the completion of the PRLM pilot, the testimony
22 stated that the company would request its Prime Time
23 program remain open at least during the term of the PRLM
24 pilot. Tampa Electric proposes not to engage in
25 promotional activities for Prime Time during the PRLM

1 pilot period. Simply keeping the program available to
2 new customers who request it during the PRLM pilot period
3 will greatly mitigate customer anger and complaints that
4 will stem from not having a program alternative during
5 the PRLM pilot. Therefore, the estimated costs for the
6 projected period of January 2005 through December 2005
7 contain those dollars associated with cost-effective DSM
8 programs necessary to achieve the Commission approved DSM
9 goals for 2005, the cost associated with the PRLM pilot
10 program and the expenses necessary to maintain the
11 existing Prime Time program while allowing for the
12 potential of a minimal number of new customers to
13 participate.

14
15 **Q.** For the period January 2005 through December 2005, what
16 are Tampa Electric's estimates of its conservation costs
17 and cost recovery factors?

18
19 **A.** The company has estimated that the total conservation
20 costs (less program revenues) during the period will be
21 \$17,921,677 plus true-up. Including true-up estimates
22 and the interruptible sales contribution at 0.031
23 cents/kWh, the cost recovery factors for firm retail rate
24 classes will be 0.098 cents/kWh for Residential (RS),
25 0.090 cents/kWh for General Service Non-Demand and

1 Temporary Service (GS, TS), 0.078 cents/kWh General
2 Service Demand (GSD) - Secondary, 0.077 cents/kWh for
3 General Service Demand (GSD) - Primary, 0.073 cents/kWh
4 for General Service Large Demand and Standby Firm (GSLD,
5 SBF) - Secondary, 0.073 cents/kWh for General Service
6 Large Demand and Standby Firm (GSLD, SBF) - Primary,
7 0.072 cents/kWh for General Service Large Demand and
8 Standby Firm (GSLD, SBF) - Subtransmission and 0.031
9 cents/kWh for Lighting (SL, OL). Exhibit No. ____ (HTB-
10 2), Conservation Costs Projected, pages 14 through 19
11 contain the Commission prescribed forms which detail
12 these estimates.

13
14 **Q.** Has Tampa Electric complied with the ECCR cost allocation
15 methodology stated in Docket No. 930759-EG, Order No.
16 PSC-93-1845-EG?

17
18 **A.** Yes, it has.

19
20 **Q.** Please explain why the incentive for GSLM-2 and GSLM-3
21 rate riders is included in your testimony.

22
23 **A.** In Docket No. 990037-EI, Tampa Electric petitioned the
24 Commission to close its non-cost-effective interruptible
25 service rate schedules while initiating the provision of

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

15
16 **Q.** What is the appropriate CCV for customers who elect to
17 take service under the GSLM-2 and GSLM-3 rate riders
18 during the January 2005 through December 2005 period?
19

20 **A.** For the January 2005 through December 2005 period, the
21 CCV will be \$4.46 per kW. If the 2005 assessment for
22 need determination indicates the availability of new non-
23 firm load, the CCV will be applied to new subscriptions
24 for service under those rate riders. The application of
25 the cost-effectiveness methodology to establish the CCV

1 is found in the attached analysis, Exhibit No. ____ (HTB-
2 2), Conservation Costs Projected, beginning on page 44
3 through 53.

4

5 Q. Does this conclude your testimony?

6

7 A. Yes it does.

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CONSERVATION COSTS
PROJECTED

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**Fuel Cost Impact of Conservation and Load Management Programs
On Interruptible Customers
January 1, 2005 through December 31, 2005**

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	50,089	1,540.5	32.51	52,696	1,620.5	32.52	2,607	80	0.01
February	43,206	1,367.3	31.60	45,452	1,437.3	31.62	2,246	70	0.02
March	48,941	1,524.4	32.11	50,858	1,566.4	32.47	1,917	42	0.36
April	45,113	1,490.7	30.26	46,271	1,517.7	30.49	1,158	27	0.23
May	60,966	1,830.3	33.31	62,806	1,866.3	33.65	1,840	36	0.34
June	65,627	1,902.5	34.50	67,836	1,944.5	34.89	2,209	42	0.39
July	74,025	2,064.3	35.86	76,720	2,110.3	36.36	2,695	46	0.50
August	74,517	2,070.7	35.99	76,976	2,117.7	36.35	2,459	47	0.36
September	66,864	1,917.2	34.88	69,011	1,957.2	35.26	2,147	40	0.38
October	65,115	1,795.5	36.27	66,633	1,823.5	36.54	1,518	28	0.27
November	53,924	1,533.4	35.17	55,927	1,574.4	35.52	2,003	41	0.35
December	50,215	1,634.0	30.73	53,176	1,699.0	31.30	2,961	65	0.57
Jan 2005 - Dec 2005	698,602	20,670.8	33.80	724,362	21,234.8	34.11	25,760	564	0.31

TAMPA ELECTRIC COMPANY
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
 JANUARY 2005 THROUGH DECEMBER 2005

	(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%	8,803,380	1821	1.0576	1.0472	9,219,229	1,926	49.80%	58.28%	57.62%
GS,TS	61.70%	1,066,950	197	1.0576	1.0472	1,117,350	208	6.04%	6.29%	6.28%
GSD	76.55%	5,324,965	794	1.0565	1.0466	5,573,284	839	30.11%	25.39%	25.75%
GSLD,SBF	83.61%	2,303,507	315	1.0444	1.0359	2,386,175	329	12.89%	9.95%	10.18%
SL/OL	781.26%	205.941	3	1.0576	1.0472	215,669	3	1.16%	0.09%	0.17%
TOTAL		17,704,743	3,130			18,511,707	3,305	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 2005 through December 2005.

(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

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Cost Recovery Clause Calculation
For Months January 2005 through December 2005

1. Total Incremental Cost (C-2, Page 1, Line 17)	<u>17,921,677</u>
2. Demand Related Incremental Costs	<u>13,144,609</u>
3. Energy Related Incremental Costs	4,777,068
4. Interruptible Sales (@\$0.31 per MWH)	<u>(455,829)</u>
5. Net Energy Related Incremental Costs (Line 3 + Line 4)	<u>4,321,239</u>

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS,TS</u>	<u>GSD</u>	<u>GSLD,SBF</u>	<u>SI,OL</u>	<u>Total</u>
6. Demand Allocation Percentage	57.62%	6.28%	25.75%	10.18%	0.17%	100.00%
7. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	7,573,924	825,481	3,384,737	1,338,121	22,346	13,144,609
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>(837,296)</u>	<u>(91,257)</u>	<u>(374,182)</u>	<u>(147,929)</u>	<u>(2,471)</u>	<u>(1,453,135)</u>
9. Total Demand Related Incremental Costs	<u>6,736,628</u>	<u>734,224</u>	<u>3,010,555</u>	<u>1,190,192</u>	<u>19,875</u>	<u>11,691,474</u>
10. Net Energy Related Incremental Costs	2,151,976	261,003	1,301,125	557,008	50,126	4,321,238
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>(267,656)</u>	<u>(32,463)</u>	<u>(161,830)</u>	<u>(69,279)</u>	<u>(6,233)</u>	<u>(537,461)</u>
12. Total Net Energy Related Incremental Costs	<u>1,884,320</u>	<u>228,540</u>	<u>1,139,295</u>	<u>487,729</u>	<u>43,893</u>	<u>3,783,777</u>
13. Total Incremental Costs (Line 7 + 10)	9,725,900	1,086,484	4,685,862	1,895,129	72,472	17,465,847
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>(1,104,952)</u>	<u>(123,720)</u>	<u>(536,012)</u>	<u>(217,208)</u>	<u>(8,704)</u>	<u>(1,990,596)</u>
15. Total (Line 13 + 14)	<u>8,620,948</u>	<u>962,764</u>	<u>4,149,850</u>	<u>1,677,921</u>	<u>63,768</u>	<u>15,475,251</u>
16. Firm Retail MWH Sales	8,803,380	1,066,950	5,324,965	2,303,507	205,941	17,704,743
17. Cost per KWH - Demand (Line 9/Line 16)	0.07652	0.06882	*	*	0.00965	
18. Cost per KWH - Energy (Line 12/Line 16)	0.02141	0.02142	*	*	0.02131	
19. Cost per KWH - Demand & Energy (Line 17 + Line 18)	0.09793	0.09024	*	*	0.03096	
20. Revenue Tax Expansion Factor	1.00072	1.00072	*	*	1.00072	
21. Adjustment Factor Adjusted for Taxes	0.0980	0.0903	*	*	0.0310	
22. Conservation Adjustment Factor (cents/KWH) - Secondary	0.098	0.090	0.078	0.073	0.031	
- Primary			0.077	0.073		
- Subtransmission			N/A	0.072		

(ROUNDED TO NEAREST .001 PER KWH)

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

14

EXHIBIT NO. _____
DOCKET NO. 040002-EG
TAMPA ELECTRIC COMPANY
(HTB-2)
SCHEDULE C-1
PAGE 1 OF 2

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	4,042,237	858,413
- Primary	107,613	814,302
- Subtransmission	N/A	5,206
- Total	4,149,850	1,677,921
Total Firm MWH Sales (Schedule C-1, pg 1, Line 16)		
-Secondary	5,185,521	1,172,636
- Primary	139,444	1,123,614
- Subtransmission	N/A	7,257
- Total	5,324,965	2,303,507
Cost per KWH - Demand & Energy		
-Secondary	0.07795	0.07320
- Primary	0.07717	0.07247
- Subtransmission	N/A	0.07174
Revenue Tax Expansion Factor	1.00072	1.00072
Adjustment Factor Adjusted for Taxes		
-Secondary	0.07801	0.07326
- Primary	0.07723	0.07252
- Subtransmission	N/A	0.07179
Conservation Adjustment Factor (cents/KWH)		
-Secondary	<u>0.078</u>	<u>0.073</u>
- Primary	<u>0.077</u>	<u>0.073</u>
- Subtransmission	N/A	<u>0.072</u>

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

The calculation for interruptible classes did not change the factor from the original (\$0.31 per MWH).

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2005 through December 2005

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	48,012	48,013	48,013	48,013	48,013	48,013	48,013	48,013	48,013	48,012	48,012	48,012	576,152
2 Prime Time (D)	1,104,142	1,076,223	1,050,867	860,939	865,274	857,890	870,884	860,443	855,895	854,007	1,007,964	1,011,985	11,276,513
3 Energy Audits (E)	145,549	195,598	145,642	195,639	140,493	140,559	140,559	140,558	140,495	140,448	140,402	140,356	1,806,298
4 Cogeneration (E)	10,559	10,559	10,559	10,559	10,559	10,559	10,559	10,559	10,559	10,559	10,559	10,559	126,708
5 Ceiling Insulation (E)	46,417	26,765	80,339	76,508	23,829	35,817	31,494	30,517	30,516	29,701	29,700	28,885	470,488
6 Commercial Load Mgmt (D)	1,438	1,441	1,694	1,914	2,169	1,922	2,175	1,928	2,181	1,934	1,470	1,481	21,747
7 Commercial Lighting (E)	7,820	7,820	8,084	7,821	7,820	8,085	7,820	7,821	7,820	8,085	7,820	7,820	94,636
8 Standby Generator (D)	49,096	49,096	49,096	49,096	49,096	49,096	50,596	50,596	50,596	50,596	50,596	50,596	598,152
9 Conservation Value (E)	8,028	8,028	8,078	8,028	8,028	8,078	8,028	8,028	8,078	8,028	8,028	8,078	96,536
10 Duct Repair (E)	73,346	73,347	73,347	73,346	73,347	73,347	73,346	73,347	73,347	73,347	73,346	73,347	880,160
11 Renewable Energy Initiative (E)	3,282	3,532	3,357	10,084	2,834	3,159	2,834	3,084	10,357	3,532	3,282	3,159	52,496
12 Industrial Load Management (D)	50,867	50,867	50,867	50,867	50,867	50,867	50,867	50,867	50,867	50,867	50,867	50,867	610,404
13 DSM R&D (D&E)	669	1,719	5,958	21,661	933	2,008	660	20,660	660	660	660	660	56,908
14 Commercial Cooling (E) <small>(50% D, 50% E)</small>	2,103	2,103	2,103	2,103	2,104	2,103	2,103	2,102	2,103	2,103	2,103	2,103	25,236
15 Residential New Construction (E)	881	880	881	881	881	881	880	881	880	880	880	880	10,566
16 Common Expenses (D&E) <small>(50% D, 50% E)</small>	16,332	16,348	16,301	16,377	16,380	16,356	16,428	16,425	16,359	16,380	16,351	16,288	196,325
17 Price Responsive Load Mgmt - Pilot (D&E) <small>(50% D, 50% E)</small>	37,986	234,731	177,696	111,589	60,303	62,237	56,024	56,984	56,776	56,552	55,592	55,882	1,022,352
18 Total	1,606,527	1,807,070	1,732,882	1,545,425	1,362,930	1,370,977	1,373,270	1,382,813	1,365,502	1,355,691	1,507,632	1,510,958	17,921,677
19 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Recoverable Conserv. Expenses	<u>1,606,527</u>	<u>1,807,070</u>	<u>1,732,882</u>	<u>1,545,425</u>	<u>1,362,930</u>	<u>1,370,977</u>	<u>1,373,270</u>	<u>1,382,813</u>	<u>1,365,502</u>	<u>1,355,691</u>	<u>1,507,632</u>	<u>1,510,958</u>	<u>17,921,677</u>
Summary of Demand & Energy													
Energy	373,490	503,044	480,380	507,795	356,716	370,901	362,192	371,944	369,065	361,491	360,433	359,614	4,777,068
Demand	<u>1,233,037</u>	<u>1,304,026</u>	<u>1,252,502</u>	<u>1,037,630</u>	<u>1,006,214</u>	<u>1,000,076</u>	<u>1,011,078</u>	<u>1,010,869</u>	<u>996,437</u>	<u>994,200</u>	<u>1,147,199</u>	<u>1,151,344</u>	<u>13,144,609</u>
Total Recoverable Conserv. Expenses	<u>1,606,527</u>	<u>1,807,070</u>	<u>1,732,882</u>	<u>1,545,425</u>	<u>1,362,930</u>	<u>1,370,977</u>	<u>1,373,270</u>	<u>1,382,813</u>	<u>1,365,502</u>	<u>1,355,691</u>	<u>1,507,632</u>	<u>1,510,958</u>	<u>17,921,677</u>

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EXHIBIT NO. _____
DOCKET NO. 040002-EG
TAMPA ELECTRIC COMPANY
(HTB-2)
SCHEDULE C-2
PAGE 1 OF 4

TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated for Months January 2005 through December 2005

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	83,856	0	10,000	5,000	473,600	600	3,096	0	576,152
2. Prime Time (D)	1,738,002	802,858	129,824	150,100	0	8,364,868	49,797	41,064	0	11,276,513
3. Energy Audits (E)	0	1,195,338	3,500	138,500	370,000	0	47,840	51,120	0	1,806,298
4. Cogeneration (E)	0	124,512	0	0	0	0	2,196	0	0	126,708
5. Ceiling Insulation (E)	0	153,288	0	0	10,000	300,000	4,800	2,400	0	470,488
6. Commercial Load Mgmt (D)	2,758	8,844	500	1,000	0	8,345	300	0	0	21,747
7. Commerical Lighting (E)	0	6,336	0	0	10,000	78,000	300	0	0	94,636
8. Standby Generator (D)	0	11,472	504	0	0	585,000	1,176	0	0	598,152
9. Conservation Value (E)	0	6,336	0	0	0	90,000	200	0	0	96,536
10. Duct Repair (E)	0	207,336	1,200	0	150,000	500,000	10,140	11,484	0	880,160
11. Renewable Energy Initiative (E)	0	36,096	0	14,300	0	0	300	1,800	0	52,496
12. Industrial Load Management (D)	0	9,504	0	0	0	600,000	900	0	0	610,404
13. DSM R&D (D&E) (50% D, 50% E)	0	9,558	30,200	17,000	0	0	150	0	0	56,908
14. Commercial Cooling (E)	0	4,344	0	0	5,000	15,592	300	0	0	25,236
15. Residential New Construction (E)	0	2,772	0	0	0	7,494	0	300	0	10,566
16. Common Expenses (D&E) (50% D, 50% E)	0	195,925	0	0	0	0	400	0	0	196,325
17. Price Responsive Load Mgmt - Pilot (D&E) (50% D, 50% E)	0	205,303	201,813	612,286	0	0	1,542	1,408	0	1,022,352
18. Total All Programs	<u>1,740,760</u>	<u>3,063,678</u>	<u>367,541</u>	<u>943,186</u>	<u>550,000</u>	<u>11,022,899</u>	<u>120,941</u>	<u>112,672</u>	<u>0</u>	<u>17,921,677</u>
<u>Summary of Demand & Energy</u>										
Energy	0	2,025,607	120,706	477,443	550,000	1,464,686	67,722	70,904	0	4,777,068
Demand	<u>1,740,760</u>	<u>1,038,071</u>	<u>246,835</u>	<u>465,743</u>	<u>0</u>	<u>9,558,213</u>	<u>53,219</u>	<u>41,768</u>	<u>0</u>	<u>13,144,609</u>
Total All Programs	<u>1,740,760</u>	<u>3,063,678</u>	<u>367,541</u>	<u>943,186</u>	<u>550,000</u>	<u>11,022,899</u>	<u>120,941</u>	<u>112,672</u>	<u>0</u>	<u>17,921,677</u>

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TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated for Months January 2005 through December 2005

PRIME TIME

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		63,599	12,594	12,594	12,594	12,594	12,594	12,594	12,594	12,594	12,594	12,594	12,594	202,133
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		7,633,423	7,481,755	7,288,936	7,160,318	7,045,359	6,870,688	6,784,783	6,638,412	6,546,296	6,395,151	6,313,207	6,189,971	
4. Depreciation Expense		<u>127,937</u>	<u>125,960</u>	<u>123,089</u>	<u>120,410</u>	<u>118,381</u>	<u>115,967</u>	<u>113,796</u>	<u>111,860</u>	<u>109,873</u>	<u>107,845</u>	<u>105,903</u>	<u>104,193</u>	<u>1,385,214</u>
5. Cumulative Investment	7,719,001	7,633,423	7,481,755	7,288,936	7,160,318	7,045,359	6,870,688	6,784,783	6,638,412	6,546,296	6,395,151	6,313,207	6,189,971	6,189,971
6. Less: Accumulated Depre	<u>4,089,862</u>	<u>4,068,622</u>	<u>4,030,320</u>	<u>3,947,996</u>	<u>3,927,194</u>	<u>3,918,022</u>	<u>3,846,724</u>	<u>3,862,021</u>	<u>3,814,916</u>	<u>3,820,079</u>	<u>3,764,185</u>	<u>3,775,550</u>	<u>3,743,913</u>	<u>3,743,913</u>
7. Net Investment	<u>3,629,139</u>	<u>3,564,801</u>	<u>3,451,435</u>	<u>3,340,940</u>	<u>3,233,124</u>	<u>3,127,337</u>	<u>3,023,964</u>	<u>2,922,762</u>	<u>2,823,496</u>	<u>2,726,217</u>	<u>2,630,966</u>	<u>2,537,657</u>	<u>2,446,058</u>	<u>2,446,058</u>
8. Average Investment		3,596,970	3,508,118	3,396,188	3,287,032	3,180,231	3,075,651	2,973,363	2,873,129	2,774,857	2,678,592	2,584,312	2,491,858	
9. Return on Average Investment		21,402	20,873	20,207	19,558	18,922	18,300	17,692	17,095	16,510	15,938	15,377	14,827	216,701
10. Return Requirements		<u>34,842</u>	<u>33,981</u>	<u>32,897</u>	<u>31,840</u>	<u>30,805</u>	<u>29,792</u>	<u>28,803</u>	<u>27,831</u>	<u>26,878</u>	<u>25,947</u>	<u>25,034</u>	<u>24,138</u>	<u>352,788</u>
11. Total Depreciation and Return		<u>162,779</u>	<u>159,941</u>	<u>155,986</u>	<u>152,250</u>	<u>149,186</u>	<u>145,759</u>	<u>142,599</u>	<u>139,691</u>	<u>136,751</u>	<u>133,792</u>	<u>130,937</u>	<u>128,331</u>	<u>1,738,002</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 2005 through December 2005
COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		180	180	180	180	180	180	180	180	180	180	180	180	2,160
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		8,316	8,496	8,676	8,856	9,036	9,216	9,396	9,576	9,756	9,936	10,116	10,296	
4. Depreciation Expense		<u>137</u>	<u>140</u>	<u>143</u>	<u>146</u>	<u>149</u>	<u>152</u>	<u>155</u>	<u>158</u>	<u>161</u>	<u>164</u>	<u>167</u>	<u>170</u>	<u>1,842</u>
5. Cumulative Investment	8,136	8,316	8,496	8,676	8,856	9,036	9,216	9,396	9,576	9,756	9,936	10,116	10,296	10,296
6. Less: Accumulated Depreciation	<u>476</u>	<u>613</u>	<u>753</u>	<u>896</u>	<u>1,042</u>	<u>1,191</u>	<u>1,343</u>	<u>1,498</u>	<u>1,656</u>	<u>1,817</u>	<u>1,981</u>	<u>2,148</u>	<u>2,318</u>	<u>2,318</u>
7. Net Investment	<u>7,660</u>	<u>7,703</u>	<u>7,743</u>	<u>7,780</u>	<u>7,814</u>	<u>7,845</u>	<u>7,873</u>	<u>7,898</u>	<u>7,920</u>	<u>7,939</u>	<u>7,955</u>	<u>7,968</u>	<u>7,978</u>	<u>7,978</u>
8. Average Investment		7,682	7,723	7,762	7,797	7,830	7,859	7,886	7,909	7,930	7,947	7,962	7,973	
9. Return on Average Investment		46	46	46	46	47	47	47	47	47	47	47	47	560
10. Return Requirements		<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>77</u>	<u>77</u>	<u>77</u>	<u>77</u>	<u>77</u>	<u>77</u>	<u>77</u>	<u>77</u>	<u>916</u>
Total Depreciation and Return		<u>212</u>	<u>215</u>	<u>218</u>	<u>221</u>	<u>226</u>	<u>229</u>	<u>232</u>	<u>235</u>	<u>238</u>	<u>241</u>	<u>244</u>	<u>247</u>	<u>2,758</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 2004 through August 2004
Projected for Months September 2004 through December 2004

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1. Heating & Cooling										
2. Actual	0	49,640	21	6,216	7,363	432,575	141	1,750	0	497,706
3. Projected	0	26,364	0	1,000	13,260	195,295	72	1,032	0	237,023
4. Total	0	76,004	21	7,216	20,623	627,870	213	2,782	0	734,729
5. Prime Time										
6. Actual	1,318,504	405,690	39,541	108,378	12,998	5,668,461	27,991	21,097	0	7,602,660
7. Projected	655,892	276,543	45,688	51,872	19,568	2,860,244	15,450	12,212	0	3,936,469
8. Total	1,974,396	682,233	85,229	160,250	31,566	8,528,705	43,441	33,309	0	11,539,129
9. Energy Audits										
10. Actual	0	571,588	3,821	222,187	135,690	0	34,773	28,242	(821)	995,480
11. Projected	0	361,975	808	171,578	190,972	68	19,940	14,636	0	756,915
12. Total	0	933,503	4,629	393,763	326,662	68	51,713	42,878	(821)	1,752,395
13. Cogeneration										
14. Actual	0	108,241	0	0	0	0	660	1,752	0	110,653
15. Projected	0	62,340	0	0	0	0	592	0	0	62,932
16. Total	0	170,581	0	0	0	0	1,252	1,752	0	173,585
17. Ceiling Insulation										
18. Actual	0	85,959	44	3,092	4,166	310,290	3,346	1,424	0	408,321
19. Projected	0	48,088	0	0	6,632	76,800	1,604	800	0	133,924
20. Total	0	134,047	44	3,092	10,798	387,090	4,950	2,224	0	542,245
21. Commercial Load Management										
22. Actual	0	4,295	0	9,250	0	6,648	313	0	0	20,706
23. Projected	745	1,648	0	0	0	2,626	203	0	0	5,222
24. Total	745	5,943	0	9,250	0	9,474	516	0	0	25,928
25. Commercial Lighting										
26. Actual	0	2,293	0	0	3,426	149,011	59	0	0	154,789
27. Projected	0	1,386	0	0	6,632	36,000	40	0	0	44,058
28. Total	0	3,679	0	0	10,058	185,011	99	0	0	198,847
29. Standby Generator										
30. Actual	0	6,620	161	0	0	439,458	706	0	0	446,945
31. Projected	0	0	88	0	0	192,000	196	0	0	194,439
32. Total	0	8,775	249	0	0	631,458	902	0	0	641,384
33. Conservation Value										
34. Actual	0	1,395	0	0	0	46,609	0	0	0	48,004
35. Projected	0	479	0	0	0	1,956	25	0	0	2,460
36. Total	0	1,874	0	0	0	48,565	25	0	0	50,464
37. Duct Repair										
38. Actual	0	113,420	(403)	5,517	105,476	350,410	6,757	6,441	0	587,618
39. Projected	0	88,120	400	0	132,616	176,916	3,320	3,668	0	385,040
40. Total	0	181,540	(3)	5,517	238,092	527,326	10,077	10,109	0	972,658
45. Renewable Energy Initiative										
46. Actual	0	19,906	3,907	921	788	0	117	870	0	26,509
47. Projected	0	5,444	0	36,500	0	0	80	76	0	42,099
48. Total	0	25,350	3,907	37,421	788	0	197	945	0	68,608
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	3,072	445	45,900	0	0	81	5	0	49,503
55. Projected	0	1,388	0	(25,000)	0	0	50	0	0	23,562
56. Total	0	4,460	445	20,900	0	0	131	5	0	25,941
57. Commercial Cooling										
58. Actual	0	2,143	0	0	1,372	8,032	0	0	0	11,547
59. Projected	0	2,112	0	0	2,545	6,600	0	0	0	11,357
60. Total	0	4,255	0	0	4,017	14,632	0	0	0	22,904
61. Residential New Construction										
62. Actual	0	777	0	0	225	400	0	0	0	1,402
63. Projected	0	296	0	0	0	600	0	0	0	896
64. Total	0	1,073	0	0	225	1,000	0	0	0	2,298
65. Common Expenses										
66. Actual	0	115,554	40	0	0	0	29	0	0	115,623
67. Projected	0	63,268	(40)	0	0	0	100	0	0	63,328
68. Total	0	178,822	0	0	0	0	129	0	0	178,951
69. Price Responsive Load Mgmt - Pilot										
70. Actual	0	8,086	0	293	0	0	109	2,060	0	10,548
71. Projected	0	20,296	1,560	0	0	0	372	184	0	22,412
72. Total	0	28,382	1,560	293	0	0	481	2,244	0	32,960
73. Total All Programs	1,975,141	2,440,521	96,081	637,702	642,829	10,961,199	114,126	96,248	(821)	15,963,026

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TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2004 through August 2004
Projected for Months September 2004 through December 2004

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		115,883	117,349	120,036	112,185	101,808	101,955	89,845	70,004	103,400	111,536	111,536	111,536	1,267,072
2. Retirements		33,854	71,653	92,754	67,137	66,199	111,724	115,443	130,853	64,132	53,315	100,210	138,233	1,045,507
3. Depreciation Base		7,579,464	7,625,160	7,652,442	7,697,490	7,733,099	7,723,330	7,697,732	7,636,883	7,676,151	7,734,372	7,745,698	7,719,001	
4. Depreciation Expense		<u>125,641</u>	<u>126,705</u>	<u>127,313</u>	<u>127,916</u>	<u>128,588</u>	<u>128,804</u>	<u>128,509</u>	<u>127,788</u>	<u>127,609</u>	<u>128,421</u>	<u>129,001</u>	<u>128,872</u>	<u>1,535,167</u>
5. Cumulative Investment	<u>7,497,435</u>	7,579,464	7,625,160	7,652,442	7,697,490	7,733,099	7,723,330	7,697,732	7,636,883	7,676,151	7,734,372	7,745,698	7,719,001	7,719,001
6. Less: Accumulated Depreciation	<u>3,600,202</u>	<u>3,691,989</u>	<u>3,747,041</u>	<u>3,781,600</u>	<u>3,842,379</u>	<u>3,904,768</u>	<u>3,921,848</u>	<u>3,934,914</u>	<u>3,931,849</u>	<u>3,995,326</u>	<u>4,070,432</u>	<u>4,099,223</u>	<u>4,089,862</u>	<u>4,089,862</u>
7. Net Investment	<u>3,897,233</u>	<u>3,887,475</u>			<u>3,855,111</u>	<u>3,828,331</u>	<u>3,801,482</u>	<u>3,762,818</u>	<u>3,705,034</u>	<u>3,680,825</u>	<u>3,663,940</u>	<u>3,646,475</u>	<u>3,629,139</u>	<u>3,629,139</u>
8. Average Investment		3,892,354	3,882,797	3,874,481	3,862,977	3,841,721	3,814,907	3,782,150	3,733,926	3,692,930	3,672,383	3,655,208	3,637,807	
9. Return on Average Investment		23,160	23,103	23,053	22,985	22,858	22,699	22,504	22,217	21,973	21,851	21,748	21,645	269,796
10. Return Requirements		<u>37,705</u>	<u>37,612</u>	<u>37,530</u>	<u>37,420</u>	<u>37,213</u>	<u>36,954</u>	<u>36,637</u>	<u>36,169</u>	<u>35,772</u>	<u>35,573</u>	<u>35,406</u>	<u>35,238</u>	<u>439,229</u>
11. Total Depreciation and Return		<u>163,346</u>	<u>164,317</u>	<u>164,843</u>	<u>165,336</u>	<u>165,801</u>	<u>165,758</u>	<u>165,146</u>	<u>163,957</u>	<u>163,381</u>	<u>163,994</u>	<u>164,407</u>	<u>164,110</u>	<u>1,974,396</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 2004 through August 2004
Projected for Months September 2004 through December 2004

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	0	0	0	0	0	8,136	0	0	0	8,136
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	8,136	8,136	8,136	8,136	
4. Depreciation Expense		0	0	0	0	0	0	0	0	68	136	136	136	476
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	8,136	8,136	8,136	8,136	8,136
6. Less: Accumulated Deprec	0	0	0	0	0	0	0	0	0	68	204	340	476	476
7. Net Investment	0	0	0	0	0	0	0	0	0	8,068	7,932	7,796	7,660	7,660
8. Average Investment		0	0	0	0	0	0	0	0	4,034	8,000	7,864	7,728	
9. Return on Average Investment		0	0	0	0	0	0	0	0	24	48	47	46	165
10. Return Requirements		0	0	0	0	0	0	0	0	39	78	77	75	269
11. Total Depreciation and Return		0	0	0	0	0	0	0	0	107	214	213	211	745

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 2004 through August 2004
Projected for Months September 2004 through December 2004

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	44,180	48,862	44,340	82,445	54,087	76,845	84,452	62,495	59,256	59,256	59,256	59,255	734,729
2 Prime Time	1,075,672	1,075,709	1,043,968	881,205	874,145	903,140	882,851	865,970	899,818	902,667	1,064,244	1,069,740	11,539,129
3 Energy Audits	54,531	203,703	88,703	144,835	97,017	120,176	116,621	169,894	174,223	177,612	177,564	227,516	1,752,395
4 Cogeneration	11,243	12,606	13,378	19,830	14,413	13,663	13,335	12,185	15,733	15,733	15,733	15,733	173,585
5 Ceiling Insulation	47,294	26,576	91,347	92,147	22,900	39,925	33,889	54,243	33,481	33,481	33,481	33,481	542,245
6 Commercial Load Management	659	606	1,338	1,753	1,206	1,877	12,139	1,128	1,466	1,573	1,105	1,078	25,928
7 Commercial Lighting	322	1,103	22,914	1,943	36	439	254	127,778	11,015	11,014	11,015	11,014	198,847
8 Standby Generator	58,377	53,035	60,872	56,875	50,844	61,808	54,054	51,080	48,519	48,882	48,519	48,519	641,384
9 Conservation Value	421	636	86	65	38	0	46,609	149	0	0	2,460	0	50,464
10 Duct Repair	54,632	55,748	64,371	57,067	84,444	84,844	55,435	131,077	96,260	96,260	96,260	96,260	972,658
11 Renewable Energy Initiative	1,333	2,985	3,809	6,780	5,177	1,679	3,130	1,616	1,431	11,381	15,406	13,881	68,608
12 Industrial Load Management	0	0	0	0	0	0	0	0	0	0	0	0	0
13 DSM R&D	43	1,262	136	590	1,273	61	46,009	129	(24,686)	405	314	405	25,941
14 Commercial Cooling	1,127	353	379	3,561	3,485	1,032	834	776	2,840	2,839	2,839	2,839	22,904
15 Residential New Construction	204	149	127	160	1,630	0	(942)	74	74	374	74	374	2,298
16 Common Expenses	7,963	15,254	13,954	20,964	10,600	17,989	13,896	15,003	15,818	15,879	15,800	15,831	178,951
17 Price Responsive Load Mgmt - Pilot	0	0	0	0	0	0	3,718	6,830	5,603	5,603	5,603	5,603	32,960
18 Total	1,358,001	1,498,587	1,449,722	1,370,220	1,221,295	1,323,478	1,366,284	1,500,427	1,340,851	1,382,959	1,549,673	1,601,529	16,963,026
19 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Recoverable Conservation Expenses	<u>1,358,001</u>	<u>1,498,587</u>	<u>1,449,722</u>	<u>1,370,220</u>	<u>1,221,295</u>	<u>1,323,478</u>	<u>1,366,284</u>	<u>1,500,427</u>	<u>1,340,851</u>	<u>1,382,959</u>	<u>1,549,673</u>	<u>1,601,529</u>	<u>16,963,026</u>

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EXHIBIT NO. _____
DOCKET NO. 040002-EG
TAMPA ELECTRIC COMPANY
(HTB-2)
SCHEDULE C-3
PAGE 4 OF 6

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2004 through August 2004
Projected for Months September 2004 through December 2004

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>1,391,039</u>	<u>1,230,076</u>	<u>1,224,771</u>	<u>1,203,526</u>	<u>1,369,364</u>	<u>1,669,301</u>	<u>1,735,351</u>	<u>1,636,687</u>	<u>1,736,889</u>	<u>1,584,562</u>	<u>1,362,797</u>	<u>1,357,126</u>	<u>17,501,489</u>
3. Total Revenues	1,391,039	1,230,076	1,224,771	1,203,526	1,369,364	1,669,301	1,735,351	1,636,887	1,736,889	1,584,562	1,362,797	1,357,126	17,501,489
4. Prior Period True-up	<u>119,002</u>	<u>119,002</u>	<u>119,002</u>	<u>119,002</u>	<u>119,002</u>	<u>119,002</u>	<u>119,002</u>	<u>119,002</u>	<u>119,002</u>	<u>119,002</u>	<u>119,002</u>	<u>119,001</u>	<u>1,428,023</u>
5. Conservation Revenue Applicable to Period	1,510,041	1,349,078	1,343,773	1,322,528	1,488,366	1,788,303	1,854,353	1,755,689	1,855,891	1,703,564	1,481,799	1,476,127	18,929,512
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>1,358,001</u>	<u>1,498,587</u>	<u>1,449,722</u>	<u>1,370,220</u>	<u>1,221,295</u>	<u>1,323,478</u>	<u>1,366,284</u>	<u>1,500,427</u>	<u>1,340,851</u>	<u>1,382,959</u>	<u>1,549,673</u>	<u>1,601,529</u>	<u>16,963,026</u>
7. True-up This Period (Line 5 - Line 6)	152,040	(149,509)	(105,949)	(47,692)	267,071	464,825	488,069	255,262	515,040	320,605	(67,874)	(125,402)	1,966,486
8. Interest Provision This Period (C-3, Page 6, Line 10)	1,257	1,116	888	746	756	1,115	1,738	2,227	3,012	3,857	3,876	3,522	24,110
9. True-up & Interest Provision Beginning of Period	1,428,023	1,462,318	1,194,923	970,860	804,912	953,737	1,300,675	1,671,480	1,809,967	2,209,017	2,414,477	2,231,477	1,428,023
10. Prior Period True-up Collected (Refunded)	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,002)</u>	<u>(119,001)</u>	<u>(1,428,023)</u>
11. End of Period Total Net True-up	<u>1,462,318</u>	<u>1,194,923</u>	<u>970,860</u>	<u>804,912</u>	<u>953,737</u>	<u>1,300,675</u>	<u>1,671,480</u>	<u>1,809,967</u>	<u>2,209,017</u>	<u>2,414,477</u>	<u>2,231,477</u>	<u>1,990,596</u>	<u>1,990,596</u>

Net of Revenue Taxes

(A) Included in Line 6

<u>Summary of Allocation</u>	<u>Forecast</u>	<u>Ratio</u>	<u>True Up</u>
Demand	13,144,609	0.73	1,453,135
Energy	<u>4,777,068</u>	<u>0.27</u>	<u>537,461</u>
Total	<u>17,921,677</u>	<u>1.00</u>	<u>1,990,596</u>

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TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2004 through August 2004
Projected for Months September 2004 through December 2004

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)	\$1,428,023	\$1,462,318	\$1,194,923	\$970,860	\$804,912	\$953,737	\$1,300,675	\$1,671,480	\$1,809,967	\$2,209,017	\$2,414,477	\$2,231,477	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>1,461,061</u>	<u>1,193,807</u>	<u>969,972</u>	<u>804,166</u>	<u>952,981</u>	<u>1,299,560</u>	<u>1,669,742</u>	<u>1,807,740</u>	<u>2,206,005</u>	<u>2,410,620</u>	<u>2,227,601</u>	<u>1,987,074</u>	
3. Total Beginning & Ending True-up	<u>\$2,889,084</u>	<u>\$2,656,125</u>	<u>\$2,164,895</u>	<u>\$1,775,026</u>	<u>\$1,757,893</u>	<u>\$2,253,297</u>	<u>\$2,970,417</u>	<u>\$3,479,220</u>	<u>\$4,015,972</u>	<u>\$4,619,637</u>	<u>\$4,642,078</u>	<u>\$4,218,551</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$1,444,542</u>	<u>\$1,328,063</u>	<u>\$1,082,448</u>	<u>\$887,513</u>	<u>\$878,947</u>	<u>\$1,126,649</u>	<u>\$1,485,209</u>	<u>\$1,739,610</u>	<u>\$2,007,986</u>	<u>\$2,309,819</u>	<u>\$2,321,039</u>	<u>\$2,109,276</u>	
5. Interest Rate - First Day of Month	<u>1.080%</u>	1.030%	0.980%	0.980%	1.030%	1.040%	1.330%	1.470%	1.600%	2.000%	2.000%	2.000%	
6. Interest Rate - First Day of Next Month	<u>1.030%</u>	<u>0.980%</u>	<u>0.980%</u>	<u>1.030%</u>	<u>1.040%</u>	<u>1.330%</u>	<u>1.470%</u>	<u>1.600%</u>	<u>2.000%</u>	<u>2.000%</u>	<u>2.000%</u>	<u>2.000%</u>	
7. Total (Line 5 + Line 6)	<u>2.090%</u>	<u>2.010%</u>	<u>1.960%</u>	<u>2.010%</u>	<u>2.070%</u>	<u>2.370%</u>	<u>2.800%</u>	<u>3.070%</u>	<u>3.600%</u>	<u>4.000%</u>	<u>4.000%</u>	<u>4.000%</u>	
8. Average Interest Rate (50% of Line 7)	<u>1.045%</u>	<u>1.005%</u>	<u>0.980%</u>	<u>1.005%</u>	<u>1.035%</u>	<u>1.185%</u>	<u>1.400%</u>	<u>1.535%</u>	<u>1.800%</u>	<u>2.000%</u>	<u>2.000%</u>	<u>2.000%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.087%</u>	<u>0.084%</u>	<u>0.082%</u>	<u>0.084%</u>	<u>0.086%</u>	<u>0.099%</u>	<u>0.117%</u>	<u>0.128%</u>	<u>0.150%</u>	<u>0.167%</u>		<u>0.167%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$1,257</u>	<u>\$1,116</u>	<u>\$888</u>	<u>\$746</u>	<u>\$756</u>	<u>\$1,115</u>	<u>\$1,738</u>	<u>\$2,227</u>	<u>\$3,012</u>	<u>\$3,857</u>	<u>\$3,876</u>	<u>\$3,522</u>	<u>\$24,110</u>

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TAMPA ELECTRIC COMPANY
Energy Conservation
Calculation of Conservation Revenues

Actual for Months January 2004 through August 2004
Projected for Months September 2004 through December 2004

(1)	(2)	(3)	(4)
Months	Firm MWH Sales	Interruptible MWH Sales	Clause Revenue Net of Revenue Taxes
January	1,340,935	144,905	1,391,039
February	1,189,330	139,415	1,230,076
March	1,185,355	157,193	1,224,771
April	1,174,549	128,741	1,203,526
May	1,324,412	157,059	1,369,364
June	1,614,301	138,888	1,669,301
July	1,685,990	106,234	1,735,351
August	1,584,724	132,491	1,636,687
September	1,685,556	123,145	1,736,889
October	1,541,515	123,489	1,584,562
November	1,329,226	124,799	1,362,797
December	1,322,910	122,847	1,357,126
Total	<u>16,978,803</u>	<u>1,599,206</u>	<u>17,501,489</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, 2004 to December 31, 2004

There are 3,580 units projected to be installed and approved.

January 1, 2005 to December 31, 2005

There are 3,200 units projected to be installed and approved.

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Expenditures estimated for the period are \$734,729.

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$576,152.

Program Progress Summary:

Through December 31, 2003, there were 152,576 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, 2004 to December 31, 2004

There are 70,858 projected customers for this program on a cumulative basis.

January 1, 2005 to December 31, 2005

There are 69,060 projected customers for this program on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Estimated expenditures are \$11,539,129.

January 1, 2005 to December 31, 2005

Estimated expenditures are \$11,276,513.

Program Progress Summary:

There were 73,303 cumulative customers participating through December 31, 2003.

Breakdown is as follows:

Water Heating	67,277
Air Conditioning	49,570
Heating	51,933
Pool Pump	13,720

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, 2004 to December 31, 2004

Residential - 20,245 (RCS - 0; Free -8,995; Mail-in - 8,821; On-line - 2,429)

Comm/Ind - 575 (Paid - 0; Free - 575)

January 1, 2005 to December 31, 2005

Residential - 10,300 (RCS - 0; Alt - 8,500; On-line - 1,800)

Comm/Ind - 476 (Paid - 1 Free - 475)

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Expenditures are expected to be \$1,752,395.

January 1, 2005 to December 31, 2005

Expenditures are expected to be \$1,806,298.

Program Progress Summary:

Through December 31, 2003 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	211,910
Residential Cust. Assisted ⁽¹⁾	92,986
Commercial-Ind (Fee)	226
Commercial-Ind (Free)	14,831
Commercial Mail-in	1,477

(1) Includes Mail-in and On-line audits. Mail-in audit program scheduled to be 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, 2004 to December 31, 2004

Communication and interaction will continue with all present and potential cogeneration customers.

January 1, 2005 to December 31, 2005

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

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Expenditures are estimated to be \$173,585.

January 1, 2005 to December 31, 2005

Expenditures are estimated to be \$126,708.

Program Progress Summary:

The projected total maximum generation by electrically interconnected cogeneration during 2004 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, 2004 to December 31, 2004

Approximately 3,871 participants are expected during this period.

January 1, 2005 to December 31, 2005

Approximately 3,000 participants are expected during this period.

**Program Fiscal
Expenditures:**

January 1, 2004 to December 31, 2004

Expenditures are estimated to be \$542,245.

January 1, 2005 to December 31, 2005

Expenditures are estimated to be \$470,488.

**Program Progress
Summary:**

Through December 31, 2003, there were 71,930 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, 2004 to December 31, 2004

11 installations expected.

January 1, 2005 to December 31, 2005

Two installations expected.

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Expenses of \$25,928 are estimated.

January 1, 2005 to December 31, 2005

Expenses of \$21,747 are estimated.

Program Progress Summary:

Through December 31, 2003, there are 8 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, 2004 to December 31, 2004

During this period, 53 customers are expected to participate.

January 1, 2005 to December 31, 2005

During this period, 38 customers are expected to participate.

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Expenditures estimated for the period are \$198,847.

January 1, 2005 to December 31, 2005

Expenditures estimated for this period are \$94,636.

Program Progress Summary:

Through December 31, 2003, there were 956 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, 2004 to December 31, 2004

One installation is expected.

January 1, 2005 to December 31, 2005

One installation is expected.

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Expenditures estimated for the period are \$641,384.

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$598,152.

Program Progress Summary:

Through December 31, 2003, there are 40 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, 2004 to December 31, 2004

One customer is expected to participate during this period.

January 1, 2005 to December 31, 2005

One customer is expected to participate during this period.

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Estimated expenses are \$50,464.

January 1, 2005 to December 31, 2005

Estimated expenses are \$96,536.

Program Progress Summary:

Through December 31, 2003, there were 22 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, 2004 to December 31, 2004

There are 3,192 repairs projected to be made.

January 1, 2005 to December 31, 2005

There are 3,000 repairs projected to be made.

**Program Fiscal
Expenditures:**

January 1, 2004 to December 31, 2004

Expenditures estimated for the period are \$972,658.

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$880,160.

**Program Progress
Summary:**

Through December 31, 2003, there are 39,049 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, 2004 to December 31, 2004

There are 449 customers with 629 subscribed blocks estimated for this period on a cumulative basis.

January 1, 2005 to December 31, 2005

There are 720 customers with 1,009 subscribed blocks estimated for this period on a cumulative basis.

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Expenditures estimated for the period are \$68,608.

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$52,496.

Program Progress Summary:

Through December 31, 2003, there are 231 customers with 320 blocks subscribed.

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, 2004 to December 31, 2004

No customers are expected to participate.

January 1, 2005 to December 31, 2005

See Program Progress Summary below.

**Program Fiscal
Expenditures:**

January 1, 2004 to December 31, 2004

No expenses are expected.

January 1, 2005 to December 31, 2005

Expenditures estimated for the period are \$610,404.

**Program Progress
Summary:**

Program approved by FPSC in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999. For 2004, current assessment for participation has program open for customers, however, no participation is expected. Should the 2005 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, 2004 to December 31, 2004

Expenditures are estimated at \$25,941.

January 1, 2005 to December 31, 2005

Expenditures are estimated at \$56,908.

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; 2) the evaluation and monitoring of a 30kW microturbine fueled by landfill gas with final report completed July 2004; and 3) 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-00-0754-PAA-EG, Docket No. 991791-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, 2004 to December 31, 2004

There are 49 customers expected to participate.

January 1, 2005 to December 31, 2005

There are 45 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Expenditures are estimated at \$22,904.

January 1, 2005 to December 31, 2005

Expenditures are estimated at \$25,236.

Program Progress Summary:

Through December 31, 2003, there were 290 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, 2004 to December 31, 2004

There are 4 customers expected to participate.

January 1, 2005 to December 31, 2005

There are 25 customers expected to participate.

**Program Fiscal
Expenditures:**

January 1, 2004 to December 31, 2004

Expenditures are estimated at \$2,298.

January 1, 2005 to December 31, 2005

Expenditures are estimated at \$10,566.

**Program Progress
Summary:**

Through December 31, 2003, 21 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, 2004 to December 31, 2004

Expenditures are estimated to be \$178,991.

January 1, 2005 to December 31, 2005

Expenditures are estimated at \$196,325.

**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, 2004 to December 31, 2004

Initial program research to begin, no customers will participate in 2004.

January 1, 2005 to December 31, 2005

There are 240 customers expected to participate.

Program Fiscal Expenditures:

January 1, 2004 to December 31, 2004

Expenditures are estimated at \$32,960.

January 1, 2005 to December 31, 2005

Expenditures are estimated at \$1,022,352.

Program Progress Summary:

N/A

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

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RUN DATE: September 21, 2004

PROGRAM DEMAND SAVINGS & LINE LOSSES

I. (1) CUSTOMER KW REDUCTION AT THE METER	3171 KW /CUST
I. (2) GENERATOR KW REDUCTION PER CUSTOMER	3456.804 KW GEN/CUST
J. (3) KW LINE LOSS PERCENTAGE	6.5 %
I. (4) GENERATION KWH REDUCTION PER CUSTOMER	779193 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	734000 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	1570.00 \$/CUST
III. (2) UTILITY RECURRING COST PER CUSTOMER	1256.00 \$/CUST/YR
III. (3) UTILITY COST ESCALATION RATE	2.5 %
III. (4) CUSTOMER EQUIPMENT COST	11025.00 \$/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	0.0939
III. (13)* UTILITY AFUDC RATE	0.0779
III. (14)* UTILITY NON RECURRING REBATE/INCENTIVE	0.00 \$/CUST
III. (15)* UTILITY RECURRING REBATE/INCENTIVE	163700.00 \$/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	2008
IV. (3) IN-SERVICE YEAR FOR AVOIDED T & D	2008
IV. (4) BASE YEAR AVOIDED GENERATING UNIT COST	230.18 \$/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	2.544 \$/KW/YR
IV. (9) GENERATOR FIXED O&M ESCALATION RATE	2.5 %
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	2.5 %
IV. (13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.8135 CENTS/KWH
IV. (14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.5 %
IV. (15) GENERATOR CAPACITY FACTOR	2.7 %
IV. (16) AVOIDED GENERATING UNIT FUEL COST	6.27 CENTS/KWH
IV. (17) AVOIDED GEN UNIT FUEL ESCALATION RATE	1.43 %
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	75.10
(2)* PARTICIPANT NET BENEFITS (NPV)	1,994
(3)* RIM TEST - BENEFIT/COST RATIO	1.200

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TAMPA ELECTRIC COMPANY
(HTB-2)

CALCULATION OF AFUDC AND IN-SERVICE COST OF PLANT
 PLANT: 2008 Avoided Unit

PSC FORM CE 1.1E
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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	-9	0	1	0	0	0	0	0	0	0
2000	-8	0	1	0	0	0	0	0	0	0
2001	-7	0	1	0	0	0	0	0	0	0
2002	-6	0	1	0	0	0	0	0	0	0
2003	-5	0	1	0	0	0	0	0	0	0
2004	-4	0	1	0	0	0	0	0	0	0
2005	-3	0	1	0	0	0.00	0.00	0.00	0.00	0.00
2006	-2	0.023	1.023	0.350	82.42	41.21	41.21	3.21	85.63	85.63
2007	-1	0.023	1.046529	0.65	156.58	160.71	163.92	12.76	169.34	254.97
2008	0	0	0	0.00	0	0.00	0.00	0.00	0.00	254.97
				1.000	239.00			15.97	254.97	

IN-SERVICE YEAR = 2008

PLANT COSTS (2005 \$) 230.18

AFUDC RATE: 7.79%

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

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	2.82	3.50	0	0	1	1	0	0
2006	1	1	3.06	3.83	0	0	1	1	0	0
2007	1	1	3.21	4.18	0	0	1	1	0	0
2008	1	1	3.26	4.15	0	0	1	1	0	0
2009	1	1	2.99	3.72	0	0	1	1	0	0
2010	1	1	3.73	4.99	0	0	1	1	0	0
2011	1	1	3.89	5.30	0	0	1	1	0	0
2012	1	1	3.81	5.32	0	0	1	1	0	0
2013	1	1	3.14	4.78	0	0	1	1	0	0
2014	1	1	3.45	5.00	0	0	1	1	0	0
2015	1	1	3.23	5.03	0	0	1	1	0	0
2016	1	1	3.51	5.37	0	0	1	1	0	0
2017	1	1	3.50	5.22	0	0	1	1	0	0
2018	1	1	3.53	5.20	0	0	1	1	0	0
2019	1	1	3.24	4.96	0	0	1	1	0	0
2020	1	1	3.77	5.59	0	0	1	1	0	0
2021	1	1	4.00	5.96	0	0	1	1	0	0
2022	1	1	4.01	5.93	0	0	1	1	0	0
2023	1	1	3.79	5.71	0	0	1	1	0	0
2024	1	1	4.01	5.99	0	0	1	1	0	0
2025	1	1	3.94	5.89	0	0	1	1	0	0
2026	1	1	4.33	6.52	0	0	1	1	0	0
2027	1	1	4.48	6.81	0	0	1	1	0	0
2028	1	1	4.45	6.71	0	0	1	1	0	0
2029	1	1	4.08	6.14	0	0	1	1	0	0
2030	1	1	4.70	7.05	0	0	1	1	0	0

EXHIBIT NO. _____
DOCKET NO. 040002-EG
TAMPA ELECTRIC COMPANY
(HTB-2)

AVOIDED GENERATION UNIT BENEFITS
PROGRAM: GSLM 2&3

PSC FORM CE 2.1
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September 21, 2004

* UNIT SIZE OF AVOIDED GENERATION UNIT = 3,457 KW
* INSERVICE COSTS OF AVOIDED GEN. UNIT (000) = \$881

(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	0.000	0	0	0	0	0	0	0	0
2008	0.218	192	818	9	7	53	0	0	262
2009	0.210	185	818	10	7	54	0	0	256
2010	0.201	177	818	10	8	55	0	0	250
2011	0.193	170	818	10	8	56	0	0	244
2012	0.185	163	818	10	8	57	0	0	238
2013	0.177	156	818	11	8	57	0	0	233
2014	0.170	150	818	11	8	58	0	0	228
2015	0.163	144	818	11	9	59	0	0	223
2016	0.156	138	818	12	9	60	0	0	218
2017	0.149	131	818	12	9	61	0	0	213
2018	0.142	125	818	12	9	62	0	0	208
2019	0.135	119	818	12	9	62	0	0	203
2020	0.128	113	818	13	10	63	0	0	198
2021	0.121	106	818	13	10	64	0	0	193
2022	0.113	100	818	13	10	65	0	0	189
2023	0.107	95	818	14	10	66	0	0	185
2024	0.103	91	818	14	11	67	0	0	182
2025	0.099	87	818	14	11	68	0	0	181
2026	0.096	84	818	15	11	69	0	0	179
2027	0.092	81	818	15	11	70	0	0	178
2028	0.088	78	818	16	12	71	0	0	176
2029	0.085	75	818	16	12	72	0	0	175
2030	0.081	71	818	16	12	73	0	0	173
NOMINAL		2831	18805	290	219	1444	0	0	4783
NPV		1,122		89	67	462	0	0	1,741

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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EXHIBIT NO. _____
DOCKET NO. 040002-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	0	14
2006	0	0	0	0	0	0	0	30
2007	0	0	0	0	0	0	0	33
2008	0	0	0	0	0	0	0	32
2009	0	0	0	0	0	0	0	29
2010	0	0	0	0	0	0	0	39
2011	0	0	0	0	0	0	0	41
2012	0	0	0	0	0	0	0	41
2013	0	0	0	0	0	0	0	37
2014	0	0	0	0	0	0	0	39
2015	0	0	0	0	0	0	0	39
2016	0	0	0	0	0	0	0	42
2017	0	0	0	0	0	0	0	41
2018	0	0	0	0	0	0	0	40
2019	0	0	0	0	0	0	0	39
2020	0	0	0	0	0	0	0	44
2021	0	0	0	0	0	0	0	46
2022	0	0	0	0	0	0	0	46
2023	0	0	0	0	0	0	0	44
2024	0	0	0	0	0	0	0	47
2025	0	0	0	0	0	0	0	46
2026	0	0	0	0	0	0	0	51
2027	0	0	0	0	0	0	0	53
2028	0	0	0	0	0	0	0	52
2029	0	0	0	0	0	0	0	48
2030	0	0	0	0	0	0	0	55
NOMINAL	0	0	0	0	0	0	0	1,068
NPV:	0	0	0	0	0	0	0	379

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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TAMPA ELECTRIC COMPANY
(HTB-2)

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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	390	14	0	0	14	14
2006	779	30	0	0	30	30
2007	779	33	0	0	33	33
2008	779	32	0	0	32	32
2009	779	29	0	0	29	29
2010	779	39	0	0	39	39
2011	779	41	0	0	41	41
2012	779	41	0	0	41	41
2013	779	37	0	0	37	37
2014	779	39	0	0	39	39
2015	779	39	0	0	39	39
2016	779	42	0	0	42	42
2017	779	41	0	0	41	41
2018	779	40	0	0	40	40
2019	779	39	0	0	39	39
2020	779	44	0	0	44	44
2021	779	46	0	0	46	46
2022	779	46	0	0	46	46
2023	779	44	0	0	44	44
2024	779	47	0	0	47	47
2025	779	46	0	0	46	46
2026	779	51	0	0	51	51
2027	779	53	0	0	53	53
2028	779	52	0	0	52	52
2029	779	48	0	0	48	48
2030	779	55	0	0	55	55
NOMINAL	19,869	1,068	0	0	1,068	1,068
NPV:		379		0	379	379

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

(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	82	82	11	0	11	367	10	5	15	0	0	0	0
2006	0	1	1	0	164	164	0	0	0	734	22	10	33	0	0	0	0
2007	0	1	1	0	164	164	0	0	0	734	24	10	34	0	0	0	0
2008	0	1	1	0	164	164	0	0	0	734	24	10	34	0	0	0	0
2009	0	1	1	0	164	164	0	0	0	734	22	10	32	0	0	0	0
2010	0	1	1	0	164	164	0	0	0	734	27	11	38	0	0	0	0
2011	0	1	1	0	164	164	0	0	0	734	29	11	39	0	0	0	0
2012	0	1	1	0	164	164	0	0	0	734	28	11	39	0	0	0	0
2013	0	2	2	0	164	164	0	0	0	734	23	11	34	0	0	0	0
2014	0	2	2	0	164	164	0	0	0	734	25	11	36	0	0	0	0
2015	0	2	2	0	164	164	0	0	0	734	24	11	35	0	0	0	0
2016	0	2	2	0	164	164	0	0	0	734	26	11	37	0	0	0	0
2017	0	2	2	0	164	164	0	0	0	734	26	11	37	0	0	0	0
2018	0	2	2	0	164	164	0	0	0	734	26	11	37	0	0	0	0
2019	0	2	2	0	164	164	0	0	0	734	24	12	35	0	0	0	0
2020	0	2	2	0	164	164	0	0	0	734	28	12	39	0	0	0	0
2021	0	2	2	0	164	164	0	0	0	734	29	12	41	0	0	0	0
2022	0	2	2	0	164	164	0	0	0	734	29	12	41	0	0	0	0
2023	0	2	2	0	164	164	0	0	0	734	28	12	40	0	0	0	0
2024	0	2	2	0	164	164	0	0	0	734	29	12	42	0	0	0	0
2025	0	2	2	0	164	164	0	0	0	734	29	12	41	0	0	0	0
2026	0	2	2	0	164	164	0	0	0	734	32	12	44	0	0	0	0
2027	0	2	2	0	164	164	0	0	0	734	33	13	45	0	0	0	0
2028	0	2	2	0	164	164	0	0	0	734	33	13	45	0	0	0	0
2029	0	2	2	0	164	164	0	0	0	734	30	13	43	0	0	0	0
2030	0	2	2	0	164	164	0	0	0	734	35	13	47	0	0	0	0
NOMINAL	2	45	48	0	4,174	4,174	11	0	11	18,717	694	292	986	0	0	0	0
NPV	2	16	17	0	1,640	1,640	11	0	11		256	110	365	0	0	0	0

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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TOTAL RESOURCE COST TESTS
PROGRAM: GSLM 2&3

PSC FORM CE 2.3
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September 21, 2004

(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	13	0	0	14	0	14	0	0	
2006	0	1	0	0	1	0	0	30	0	30	29	26	
2007	0	1	0	0	1	0	0	33	0	33	31	53	
2008	0	1	0	0	1	262	0	32	0	295	293	277	
2009	0	1	0	0	1	256	0	29	0	285	284	475	
2010	0	1	0	0	1	250	0	39	0	289	287	658	
2011	0	1	0	0	1	244	0	41	0	285	283	824	
2012	0	1	0	0	1	238	0	41	0	279	278	972	
2013	0	2	0	0	2	233	0	37	0	270	268	1,103	
2014	0	2	0	0	2	228	0	39	0	266	265	1,221	
2015	0	2	0	0	2	223	0	39	0	262	260	1,327	
2016	0	2	0	0	2	218	0	42	0	260	258	1,423	
2017	0	2	0	0	2	213	0	41	0	253	252	1,509	
2018	0	2	0	0	2	208	0	40	0	248	247	1,586	
2019	0	2	0	0	2	203	0	39	0	242	240	1,654	
2020	0	2	0	0	2	198	0	44	0	242	240	1,717	
2021	0	2	0	0	2	193	0	46	0	240	238	1,773	
2022	0	2	0	0	2	189	0	46	0	235	233	1,824	
2023	0	2	0	0	2	185	0	44	0	229	227	1,869	
2024	0	2	0	0	2	182	0	47	0	229	227	1,910	
2025	0	2	0	0	2	181	0	46	0	227	225	1,948	
2026	0	2	0	0	2	179	0	51	0	230	228	1,982	
2027	0	2	0	0	2	178	0	53	0	231	229	2,014	
2028	0	2	0	0	2	176	0	52	0	228	226	2,043	
2029	0	2	0	0	2	175	0	48	0	222	220	2,068	
2030	0	2	0	0	2	173	0	55	0	228	226	2,092	
NOMINAL	0	46	11	0	57	4,783	0	1,068	0	5,852	5,795		
NPV:	0	17	11	0	28	1,741	0	379	0	2,120	2,092		
Discount Rate		0.0939	Benefit/Cost Ratio - [col (11)/col (6)]:					75.1					

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EXHIBIT NO. _____
DOCKET NO. 040002-EG
TAMPA ELECTRIC COMPANY
(HTB-2)

PARTICIPANT COSTS AND BENEFITS
PROGRAM: GSLM 2&3

PSC FORM CE 2.4
Page 1 of 1
September 21, 2004

(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	15	0	82	0	97	11	0	0	11	86	86
2006	33	0	164	0	196	0	0	0	0	196	266
2007	34	0	164	0	197	0	0	0	0	197	431
2008	34	0	164	0	198	0	0	0	0	198	582
2009	32	0	164	0	196	0	0	0	0	196	719
2010	38	0	164	0	202	0	0	0	0	202	848
2011	39	0	164	0	203	0	0	0	0	203	966
2012	39	0	164	0	202	0	0	0	0	202	1,074
2013	34	0	164	0	198	0	0	0	0	198	1,170
2014	36	0	164	0	200	0	0	0	0	200	1,260
2015	35	0	164	0	199	0	0	0	0	199	1,341
2016	37	0	164	0	201	0	0	0	0	201	1,415
2017	37	0	164	0	201	0	0	0	0	201	1,484
2018	37	0	164	0	201	0	0	0	0	201	1,546
2019	35	0	164	0	199	0	0	0	0	199	1,603
2020	39	0	164	0	203	0	0	0	0	203	1,656
2021	41	0	164	0	205	0	0	0	0	205	1,705
2022	41	0	164	0	205	0	0	0	0	205	1,749
2023	40	0	164	0	204	0	0	0	0	204	1,790
2024	42	0	164	0	205	0	0	0	0	205	1,827
2025	41	0	164	0	205	0	0	0	0	205	1,861
2026	44	0	164	0	208	0	0	0	0	208	1,893
2027	45	0	164	0	209	0	0	0	0	209	1,922
2028	45	0	164	0	209	0	0	0	0	209	1,948
2029	43	0	164	0	206	0	0	0	0	206	1,972
2030	47	0	164	0	211	0	0	0	0	211	1,994
NOMINAL	986	0	4,174	0	5,160	11	0	0	11	5,149	
NPV:	365	0	1,640	0	2,005	11	0	0	11	1,994	

In service year of gen unit: 2004
Discount rate: 0.0939

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EXHIBIT NO. _____
DOCKET NO. 040002-EG
TAMPA ELECTRIC COMPANY
(HTB-2)

RATE IMPACT TEST
PROGRAM: GSLM 2&3

(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 & 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	82	5	0	89	14	0	0	0	14	(75)	(75)
2006	0	1	164	10	0	175	30	0	0	0	30	(145)	(208)
2007	0	1	164	10	0	175	33	0	0	0	33	(143)	(328)
2008	0	1	164	10	0	175	295	0	0	0	295	119	(236)
2009	0	1	164	10	0	176	285	0	0	0	285	110	(160)
2010	0	1	164	11	0	176	289	0	0	0	289	113	(88)
2011	0	1	164	11	0	176	285	0	0	0	285	109	(24)
2012	0	1	164	11	0	176	279	0	0	0	279	103	31
2013	0	2	164	11	0	176	270	0	0	0	270	94	77
2014	0	2	164	11	0	176	266	0	0	0	266	90	117
2015	0	2	164	11	0	176	262	0	0	0	262	85	152
2016	0	2	164	11	0	177	260	0	0	0	260	83	183
2017	0	2	164	11	0	177	253	0	0	0	253	77	209
2018	0	2	164	11	0	177	248	0	0	0	248	72	231
2019	0	2	164	12	0	177	242	0	0	0	242	65	250
2020	0	2	164	12	0	177	242	0	0	0	242	65	267
2021	0	2	164	12	0	177	240	0	0	0	240	63	281
2022	0	2	164	12	0	178	235	0	0	0	235	57	294
2023	0	2	164	12	0	178	229	0	0	0	229	52	304
2024	0	2	164	12	0	178	229	0	0	0	229	51	313
2025	0	2	164	12	0	178	227	0	0	0	227	49	322
2026	0	2	164	12	0	178	230	0	0	0	230	52	329
2027	0	2	164	13	0	178	231	0	0	0	231	52	337
2028	0	2	164	13	0	179	228	0	0	0	228	50	343
2029	0	2	164	13	0	179	222	0	0	0	222	44	348
2030	0	2	164	13	0	179	228	0	0	0	228	49	353
NOMINAL	0	46	4,174	292	0	4,512	5,852	0	0	0	5,852	1,339	
NPV:	0	17	1,640	110	0	1,767	2,120	0	0	0	2,120	353	
Discount rate:			0.0939			Benefit/Cost Ratio - [col (12)/col (7)]:			1.2				

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