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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

HOWARD T. BRYANT

Q. Please state your name and address.

A. My name is Howard Bryant. My business address is 702 North Franklin Street in Tampa, Florida 33602.

Q. Mr. Bryant, what is the purpose of your testimony?

A. The purpose of my testimony is to support the Company's actual conservation costs incurred during the period January 1, 1999 through and including December 31, 1999, the actual and projected period of January 1, 2000 to December 31, 2000, and the twelve-month projected period of January 1, 2001 through December 31, 2001. Also, I will support the level of charges (benefits) for the interruptible customers allocated to the period January 1, 2001 through December 31, 2001. The balance of costs will be charged to the firm customers on a per kilowatt-hour basis in accordance with Docket No. 930759-EG, Order No. PSC-93-1845-FOF-EG, dated December 29, 1993. Finally, I will support the appropriate Contracted Credit Value

1 ("CCV") for participants in the General Service Industrial  
2 Load Management Riders ("GSLM-2" and "GSLM-3") for the  
3 period January 1, 2001 through December 31, 2001.  
4

5 Q. What is the basis of this request for expenses to be based  
6 on different charges for interruptible and firm customers?  
7

8 A. Tampa Electric Company believes that our conservation and  
9 load management programs do not accrue capacity benefits to  
10 interruptible customers. This position has been supported  
11 by the Florida Public Service Commission ("Commission") in  
12 Docket Nos. 900002-EG through 990002-EG. The Company  
13 estimates the cumulative effects of its conservation and  
14 load management programs will allow the interruptible  
15 customers to have lower fuel costs (\$0.29/MWH) due to the  
16 reductions in marginal fuel costs.  
17

18 Q. How were those benefits calculated?  
19

20 A. To determine fuel savings effects, we have calculated a  
21 "what if there had been no conservation programs" scenario.  
22 The results indicate that the avoided gigawatt-hours have  
23 actually reduced average fuel costs due to the fact that  
24 higher priced marginal fuels would have been burned if the  
25 gigawatt-hours had not been saved.

1 The attached analysis, Exhibit No. (HTB-2), Conservation  
2 Costs Projected, portrays costs and benefits.

3

4 Q. Doesn't charging different amounts for firm and  
5 interruptible customers conflict with the Florida Energy  
6 Efficiency and Conservation Act?

7

8 A. No. The act requires the utilities, through the guidance  
9 of the Commission, to cost effectively reduce peak demand,  
10 energy consumption and the use of scarce resources,  
11 particularly petroleum fuels. It does not require all  
12 customers to pay the utilities' conservation costs no  
13 matter if they receive the same level of benefits or not.  
14 The relationships between costs and benefits received are  
15 specifically the determination of the Commission.

16

17 Q. Please describe the conservation program costs projected by  
18 Tampa Electric Company during the period January 1, 1999  
19 through December 31, 1999.

20

21 A. For the period January 1, 1999 through December 31, 1999,  
22 Tampa Electric Company projected conservation program costs  
23 to be \$18,388,690. The Commission authorized collections  
24 to recover these expenses in Docket No. 980002-EG, Order  
25 No. PSC-98-0403-FOF-EG, issued March 18, 1998 and Docket

1 No. 990002-EG, Order No. PSC-99-0421-FOF-EG, issued March  
2 1, 1999.

3

4 Q. Mr. Bryant, for the period January 1, 1999 through December  
5 31, 1999, what were Tampa Electric's conservation costs and  
6 what was recovered through the Energy Conservation Cost  
7 Recovery ("ECCR") Clause?

8

9 A. For the period January 1, 1999 through December 31, 1999  
10 Tampa Electric Company incurred actual net conservation  
11 costs of \$18,129,268, plus a beginning true-up over  
12 recovery of \$2,485,639 for a total of \$15,643,629. The  
13 amount collected in the ECCR Clause was \$17,822,388.

14

15 Q. What was the true-up amount?

16

17 A. The true-up amount for the period January 1, 1999 through  
18 December 31, 1999 was an over-recovery of \$2,306,169.  
19 These calculations are detailed in Exhibit No. (HTB-1),  
20 Conservation Cost Recovery True Up, Pages 1 through 11.

21

22 Q. Please describe the conservation program costs incurred and  
23 projected to be incurred by Tampa Electric Company during  
24 the period January 1, 2000 through December 31, 2000.

25

1 A. The actual costs incurred by Tampa Electric Company through  
2 August 31, 2000 and estimated for September 1, 2000 through  
3 December 31, 2000 are \$16,814,182.

4  
5 For the period, Tampa Electric anticipates an over-recovery  
6 in the ECCR Clause of \$2,190,691 which includes the  
7 previous period true-up and interest. A summary of these  
8 costs and estimates are fully detailed in Exhibit No. (HTB-  
9 2), Conservation Costs Projected, Pages 1 through 15.

10

11 Q. Mr. Bryant, for the period January 1, 2001 through and  
12 including December 31, 2001, what are Tampa Electric's  
13 estimates of its conservation costs and cost recovery  
14 factors?

15

16 A. The company has estimated that the total conservation costs  
17 (less program revenues) during that period will be  
18 \$18,393,747 plus true-up. Including true-up estimates and  
19 the interruptible sales contribution at 0.029 cents/kWh,  
20 the cost recovery factors for firm retail rate classes will  
21 be 0.114 cents/kWh for Residential, 0.108 cents/kWh for  
22 General Service Non-Demand and Temporary Service (GS, TS),  
23 0.090 cents/kWh for General Service Demand (GSD) -Secondary,  
24 0.089 cents/kWh for General Service Demand (GSD) -Primary,  
25 0.083 cents/kWh for General Service Large Demand and Firm

1 Standby (GSLD, SBF)-Secondary, 0.083 cents/kWh for General  
2 Service Large Demand and Firm Standby (GSLD, SBF)-Primary,  
3 0.082 cents/kWh for General Service Large Demand and Firm  
4 Standby (GSLD, SBF) - Subtransmission and 0.037 cents/kWh  
5 for Lighting (SL, OL). Exhibit No. (HTB-2), Conservation  
6 Costs Projected, pages 3 through 8 contain the Commission  
7 prescribed forms which detail these estimates.

8

9 Q. Mr. Bryant, has Tampa Electric Company complied with the  
10 ECCR cost allocation methodology stated in Docket No.  
11 930759-EG, Order No. PSC-93-1845-EG?

12

13 A. Yes, it has.

14

15 Q. Mr. Bryant, please explain why the incentive for GSLM-2 and  
16 GSLM-3 rate riders is included in your testimony.

17

18 A. In Docket No. 990037-EI, Tampa Electric Company petitioned  
19 the Commission to close its non-cost-effective  
20 interruptible service rate schedules while initiating the  
21 provision of a cost-effective non-firm service through a  
22 new load management program. This new program would be  
23 funded through the ECCR Clause and the appropriate annual  
24 Contracted Credit Value ("CCV") for customers would be  
25 submitted for Commission approval as part of the company's

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

10

11 Q. What is the appropriate CCV for customers who elect to take  
12 service under the GSLM-2 and GSLM-3 rate riders during the  
13 January 1, 2001 through December 31, 2001 period?

14

15 A. For the January 1, 2001 through December 31, 2001 period,  
16 the CCV will be \$3.71 per kW. Should the assessment for  
17 need determination that will be conducted for 2001 indicate  
18 the availability of new non-firm load, this CCV will be  
19 applied to new subscriptions for service under those rate  
20 riders.

21

22 The application of the cost-effectiveness methodology to  
23 establish the CCV is found in the attached analysis,  
24 Exhibit No. (HTB-2), Conservation Costs Projected,  
25 beginning on page 32.

1 Q. Does this conclude your testimony?  
2  
3 A. Yes it does.  
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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, 2001 through December 31, 2001**

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	28,616	1,417.2	20.19	29,860	1,464.2	20.39	1,244	47	0.20
February	25,820	1,264.7	20.42	26,951	1,305.9	20.64	1,131	41	0.22
March	29,487	1,377.1	21.41	30,237	1,400.8	21.59	750	24	0.18
April	30,530	1,367.0	22.33	31,027	1,381.2	22.46	497	14	0.13
May	33,054	1,631.2	20.26	33,723	1,651.1	20.42	669	20	0.16
June	39,429	1,752.6	22.50	40,767	1,775.6	22.96	1,338	23	0.46
July	41,910	1,840.2	22.78	44,066	1,864.3	23.64	2,155	24	0.86
August	43,825	1,862.1	23.54	45,438	1,887.4	24.08	1,613	25	0.54
September	36,199	1,729.0	20.94	36,998	1,751.9	21.12	799	23	0.18
October	30,880	1,551.6	19.90	31,295	1,567.7	19.96	415	16	0.06
November	26,695	1,331.8	20.04	27,340	1,354.1	20.19	645	22	0.15
December	27,127	1,391.5	19.49	28,094	1,428.9	19.66	967	37	0.17
Jan 2001 - Dec 2001	393,571	18,516	21.26	405,794	18,833	21.55	12,223	317	0.29

1

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 000002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)

TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 JANUARY 2001 THROUGH DECEMBER 2001

	(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 & 1/1 Allocation Factor (%)
RS	54.73187%	7,670,033	1600	1.058177	1.035443	7,941,882	1,693	49.56%	58.65%	57.95%
GS,TS	59.49139%	970,054	186	1.058415	1.035439	1,004,431	197	6.27%	6.83%	6.79%
GSD	78.41515%	4,713,618	686	1.057711	1.035057	4,878,864	726	30.45%	25.16%	25.57%
GSLD,SBF	87.44403%	1,959,503	256	1.045933	1.027293	2,012,984	268	12.56%	9.29%	9.54%
SL/OL	1290.45988%	179,446	2	1.071429	1.035441	185,806	2	1.16%	0.07%	0.15%
<b>TOTAL</b>		<b>15,492,654</b>	<b>2,730</b>			<b>16,023,967</b>	<b>2,886</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

- (1) AVG 12 CP load factor based on actual 1999 calendar data.  
 (2) Projected mwh sales for the period January 2001 through December 2001.  
 (3) Calculated: Col (2) / (8760 x Col (1)), 8760 hours = hours in twelve months.  
 (4) Based on 1999 demand losses.  
 (5) Based on 1999 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

2

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Summary of Cost Recovery Clause Calculation  
For Months January 2001 through December 2001

1. Total Incremental Cost (C-2, Page 1, Line 17)	<u>18,393,747</u>
2. Demand Related Incremental Costs	<u>13,124,057</u>
3. Energy Related Incremental Costs	5,269,690
4. Interruptible Sales (@\$.29 per MWH)	<u>(469,872)</u>
5. Net Energy Related Incremental Costs (Line 3 + Line 4)	<u>4,799,818</u>

RETAIL BY RATE CLASS

	RS	GS,TS	GSD	GSLD,SBF	SL,OL	Total
6. Demand Allocation Percentage	57.95%	6.79%	25.57%	9.54%	0.15%	100.00%
7. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	7,605,391	891,123	3,355,821	1,252,035	19,686	13,124,056
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>(901,349)</u>	<u>(105,611)</u>	<u>(397,713)</u>	<u>(148,384)</u>	<u>(2,334)</u>	<u>(1,555,391)</u>
9. Total Demand Related Incremental Costs	<u>6,704,042</u>	<u>785,512</u>	<u>2,958,108</u>	<u>1,103,651</u>	<u>17,352</u>	<u>11,568,665</u>
10. Net Energy Related Incremental Costs	2,378,789	300,949	1,461,545	602,857	55,678	4,799,818
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>(314,855)</u>	<u>(39,833)</u>	<u>(193,449)</u>	<u>(79,794)</u>	<u>(7,369)</u>	<u>(635,300)</u>
12. Total Net Energy Related Incremental Costs	<u>2,063,934</u>	<u>261,116</u>	<u>1,268,096</u>	<u>523,063</u>	<u>48,309</u>	<u>4,164,518</u>
<hr/>						
13. Total Incremental Costs (Line 7 + 10)	9,984,180	1,192,072	4,817,366	1,854,892	75,364	17,923,874
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>(1,216,204)</u>	<u>(145,444)</u>	<u>(591,162)</u>	<u>(228,178)</u>	<u>(9,703)</u>	<u>(2,190,691)</u>
15. Total (Line 13 + 14)	<u>8,767,976</u>	<u>1,046,628</u>	<u>4,226,204</u>	<u>1,626,714</u>	<u>65,661</u>	<u>15,733,183</u>
16. Firm Retail MWH Sales	7,670,033	970,054	4,713,618	1,959,503	179,446	15,492,654
17. Cost per KWH - Demand (Line 9/Line 16)	0.08741	0.08098	*	*	0.00967	
18. Cost per KWH - Energy (Line 12/Line 16)	0.02691	0.02692	*	*	0.02692	
19. Cost per KWH - Demand & Energy (Line 17 + Line 18)	0.11432	0.10789	*	*	0.03659	
20. Revenue Tax Expansion Factor	1.00072	1.00072	*	*	1.00072	
21. Adjustment Factor Adjusted for Taxes	0.1144	0.1080	*	*	0.0366	
22. Conservation Adjustment Factor (cents/KWH) - Secondary	0.114	0.108	0.090	0.083	0.037	
- Primary			0.089	0.083		
- Subtransmission			-	0.082		

(ROUNDED TO NEAREST .001 PER KWH)

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

EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 000002-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	4,096,476	876,142
- Primary	129,728	749,127
- Subtransmission	**	1,445
- Total	4,226,204	1,626,714
Total Firm MWH Sales (Schedule C-1, pg 1, Line 16)		
-Secondary	4,567,512	1,050,475
- Primary	146,106	907,259
- Subtransmission	**	1,768
- Total	4,713,618	1,959,503
Cost per KWH - Demand & Energy		
-Secondary	0.08969	0.08340
- Primary	0.08879	0.08257
- Subtransmission	**	0.08173
Revenue Tax Expansion Factor	1.00072	1.00072
Adjustment Factor Adjusted for Taxes		
-Secondary	0.08975	0.08346
- Primary	0.08885	0.08263
- Subtransmission	**	0.08179
Conservation Adjustment Factor (cents/KWH)		
-Secondary	<u>0.090</u>	<u>0.083</u>
- Primary	<u>0.089</u>	<u>0.083</u>
- Subtransmission	**	<u>0.082</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 (\$0.29 per MWH).

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months January 2001 through December 2001

ESTIMATED

Program Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1 Heating and Cooling (E)	51,092	51,092	57,842	65,717	65,717	80,342	80,342	94,967	80,342	65,717	57,842	51,092	802,104
2 Prime Time (D)	1,114,326	1,155,198	1,065,337	898,853	912,208	926,989	932,352	953,124	931,366	941,283	1,067,271	1,090,428	11,988,735
3 Energy Audits (E)	108,022	108,022	108,022	108,022	108,022	108,022	108,022	108,022	108,022	108,022	108,022	108,048	1,296,290
4 Cogeneration (E)	27,628	27,628	28,918	27,628	29,618	30,179	28,918	28,918	27,628	28,918	28,918	27,628	342,527
5 Ceiling Insulation (E)	35,802	40,802	45,802	55,802	55,802	75,802	80,802	80,802	75,802	60,802	50,802	35,802	694,624
6 Commercial Load Mgmt (D)	2,017	2,024	2,432	2,640	4,152	2,655	2,662	2,670	3,484	2,200	1,608	1,615	30,159
7 Commercial Lighting (E)	44,908	44,908	44,908	44,908	44,908	44,908	44,908	44,908	44,908	44,908	44,908	44,908	538,896
8 Standby Generator (D)	58,903	62,793	58,088	61,893	60,603	59,893	58,603	61,893	61,943	61,653	61,653	62,943	730,861
9 Conservation Value (E)	5,870	5,870	5,870	5,870	5,870	5,870	5,870	5,870	5,870	5,870	5,870	5,870	70,440
10 Duct Repair (E)	75,750	84,750	95,750	109,750	122,750	133,750	133,750	120,750	109,750	96,750	86,750	75,765	1,246,015
11 Green Energy Initiative (E)	4,068	4,068	4,068	4,068	4,068	4,068	4,068	4,068	4,068	4,068	4,068	4,068	48,816
12 Industrial Load Management (D)	19,326	19,326	19,326	19,326	19,326	19,326	19,326	19,326	19,326	19,326	19,326	19,326	231,912
13 DSM R&D (D&E)	20,252	252	252	20,252	252	252	20,252	252	252	20,252	252	252	83,024
<small>(50% D, 50% E)</small>													
14 Commercial Cooling (E)	758	758	758	758	758	758	758	758	758	758	758	758	9,096
15 Residential New Construction (E)	6,541	6,541	6,541	6,541	6,541	6,541	6,541	6,541	6,541	6,541	6,541	6,541	78,492
16 Common Expenses (D&E)	16,813	16,813	16,813	16,813	16,813	16,813	16,813	16,813	16,813	16,813	16,813	16,813	201,756
<small>(50% D, 50% E)</small>													
17 Total	1,592,076	1,630,845	1,560,727	1,448,841	1,457,408	1,516,168	1,543,987	1,549,682	1,496,873	1,483,881	1,561,402	1,551,857	18,393,747
18 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Recoverable Conserv. Expenses	<u>1,592,076</u>	<u>1,630,845</u>	<u>1,560,727</u>	<u>1,448,841</u>	<u>1,457,408</u>	<u>1,516,168</u>	<u>1,543,987</u>	<u>1,549,682</u>	<u>1,496,873</u>	<u>1,483,881</u>	<u>1,561,402</u>	<u>1,551,857</u>	<u>18,393,747</u>
<b>Summary of Demand &amp; Energy</b>													
Energy	378,971	382,971	407,011	447,596	452,586	498,772	512,511	504,136	472,221	440,886	403,011	369,012	5,269,690
Demand	<u>1,213,105</u>	<u>1,247,874</u>	<u>1,153,716</u>	<u>1,001,245</u>	<u>1,004,822</u>	<u>1,017,396</u>	<u>1,031,476</u>	<u>1,045,546</u>	<u>1,024,652</u>	<u>1,042,995</u>	<u>1,158,391</u>	<u>1,182,845</u>	<u>13,124,057</u>
Total Recoverable Conserv. Expenses	<u>1,592,076</u>	<u>1,630,845</u>	<u>1,560,727</u>	<u>1,448,841</u>	<u>1,457,408</u>	<u>1,516,168</u>	<u>1,543,987</u>	<u>1,549,682</u>	<u>1,496,873</u>	<u>1,483,881</u>	<u>1,561,402</u>	<u>1,551,857</u>	<u>18,393,747</u>

5

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 000002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)  
SCHEDULE C-2  
PAGE 1 of 4

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months January 2001 through December 2001

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	63,564	0	7,500	150,000	576,000	240	4,800	0	802,104
2. Prime Time (D)	1,494,129	900,323	136,723	74,400	33,600	9,243,000	46,264	60,296	0	11,988,735
3. Energy Audits (E)	0	718,670	3,444	421,620	76,800	0	43,200	32,556	0	1,296,290
4. Cogeneration (E)	0	332,431	0	0	0	0	10,096	0	0	342,527
5. Ceiling Insulation (E)	0	115,584	0	0	7,200	565,000	3,720	3,120	0	694,624
6. Commercial Load Mgmt (D)	924	13,956	1,800	3,664	0	9,000	815	0	0	30,159
7. Commerical Lighting (E)	0	29,412	0	0	24,000	484,284	1,200	0	0	538,896
8. Standby Generator (D)	0	45,972	48,000	4,800	0	630,000	2,089	0	0	730,861
9. Conservation Value (E)	0	9,840	0	0	0	60,000	600	0	0	70,440
10. Duct Repair (E)	0	206,151	4,800	240,000	240,000	517,000	17,760	20,304	0	1,246,015
11 Green Energy Initiative (E)	0	24,216	12,000	12,000	0	0	600	0	0	48,816
12 Industrial Load Management (D)	0	12,312	0	0	0	219,000	600	0	0	231,912
13 DSM R&D (D&E) (50% D, 50% E)	0	3,024	0	80,000	0	0	0	0	0	83,024
14 Commercial Cooling (E)	0	1,536	240	600	300	6,000	300	120	0	9,096
15 Residential New Construction (E)	0	25,752	1,200	0	19,200	31,140	0	1,200	0	78,492
16 Common Expenses (D&E) (50% D, 50% E)	0	200,556	0	0	0	0	600	600	0	201,756
17 Total All Programs	<u>1,495,053</u>	<u>2,703,299</u>	<u>208,207</u>	<u>844,584</u>	<u>551,100</u>	<u>12,340,424</u>	<u>128,084</u>	<u>122,996</u>	0	<u>18,393,747</u>
<b>Summary of Demand &amp; Energy</b>										
Energy	0	1,628,946	21,684	721,720	517,500	2,239,424	78,016	62,400	0	5,269,690
Demand	<u>1,495,053</u>	<u>1,074,353</u>	<u>186,523</u>	<u>122,864</u>	<u>33,600</u>	<u>10,101,000</u>	<u>50,068</u>	<u>60,596</u>	0	<u>13,124,057</u>
Total All Programs	<u>1,495,053</u>	<u>2,703,299</u>	<u>208,207</u>	<u>844,584</u>	<u>551,100</u>	<u>12,340,424</u>	<u>128,084</u>	<u>122,996</u>	0	<u>18,393,747</u>

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EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 000002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)  
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TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated for Months January 2001 through December 2001

PRIME TIME

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	1,500,000
2. Retirements		43,489	40,170	69,725	88,820	100,675	88,136	104,491	97,594	114,467	104,924	110,020	42,356	1,004,867
3. Depreciation Base		5,397,670	5,482,500	5,537,775	5,573,955	5,598,280	5,635,144	5,655,653	5,683,059	5,693,592	5,713,668	5,728,648	5,811,292	
4. Depreciation Expense		<u>89,282</u>	<u>90,668</u>	<u>91,836</u>	<u>92,598</u>	<u>93,102</u>	<u>93,612</u>	<u>94,090</u>	<u>94,489</u>	<u>94,805</u>	<u>95,061</u>	<u>95,353</u>	<u>96,166</u>	<u>1,121,062</u>
5. Cumulative Investment	5,316,159	5,397,670	5,482,500	5,537,775	5,573,955	5,598,280	5,635,144	5,655,653	5,683,059	5,693,592	5,713,668	5,728,648	5,811,292	5,811,292
6. Less: Accumulated Depr	<u>2,302,658</u>	<u>2,348,451</u>	<u>2,398,949</u>	<u>2,421,060</u>	<u>2,424,838</u>	<u>2,417,265</u>	<u>2,422,741</u>	<u>2,412,340</u>	<u>2,409,235</u>	<u>2,389,573</u>	<u>2,379,710</u>	<u>2,365,043</u>	<u>2,418,853</u>	<u>2,418,853</u>
7. Net Investment	<u>3,013,501</u>	<u>3,049,219</u>	<u>3,083,551</u>	<u>3,116,715</u>	<u>3,149,117</u>	<u>3,181,015</u>	<u>3,212,403</u>	<u>3,243,313</u>	<u>3,273,824</u>	<u>3,304,019</u>	<u>3,333,958</u>	<u>3,363,605</u>	<u>3,392,439</u>	<u>3,392,439</u>
8. Average Investment		3,031,360	3,066,385	3,100,133	3,132,916	3,165,066	3,196,709	3,227,858	3,258,569	3,288,922	3,318,989	3,348,782	3,378,022	
9. Return on Average Investment		18,037	18,245	18,446	18,641	18,832	19,020	19,206	19,388	19,569	19,748	19,925	20,099	229,156
10. Return Requirements		<u>29,364</u>	<u>29,703</u>	<u>30,030</u>	<u>30,348</u>	<u>30,659</u>	<u>30,965</u>	<u>31,267</u>	<u>31,564</u>	<u>31,858</u>	<u>32,150</u>	<u>32,438</u>	<u>32,721</u>	<u>373,067</u>
11. Total Depreciation and Return		<u>118,646</u>	<u>120,371</u>	<u>121,866</u>	<u>122,946</u>	<u>123,761</u>	<u>124,577</u>	<u>125,357</u>	<u>126,053</u>	<u>126,663</u>	<u>127,211</u>	<u>127,791</u>	<u>128,887</u>	<u>1,494,129</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.



TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated for Months January 2001 through December 2001

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		300	300	300	300	300	300	300	300	300	300	300	300	3,600
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		1,500	1,800	2,100	2,400	2,700	3,000	3,300	3,600	3,900	4,200	4,500	4,800	
4. Depreciation Expense		<u>23</u>	<u>28</u>	<u>33</u>	<u>38</u>	<u>43</u>	<u>48</u>	<u>53</u>	<u>58</u>	<u>63</u>	<u>68</u>	<u>73</u>	<u>78</u>	<u>606</u>
5. Cumulative Investment	1,200	1,500	1,800	2,100	2,400	2,700	3,000	3,300	3,600	3,900	4,200	4,500	4,800	4,800
6. Less: Accumulated Depre	<u>42</u>	<u>65</u>	<u>93</u>	<u>126</u>	<u>164</u>	<u>207</u>	<u>255</u>	<u>308</u>	<u>366</u>	<u>429</u>	<u>497</u>	<u>570</u>	<u>648</u>	<u>648</u>
7. Net Investment	<u>1,158</u>	<u>1,435</u>	<u>1,707</u>	<u>1,974</u>	<u>2,236</u>	<u>2,493</u>	<u>2,745</u>	<u>2,992</u>	<u>3,234</u>	<u>3,471</u>	<u>3,703</u>	<u>3,930</u>	<u>4,152</u>	<u>4,152</u>
8. Average Investment		1,297	1,571	1,841	2,105	2,365	2,619	2,869	3,113	3,353	3,587	3,817	4,041	
9. Return on Average Investment		8	9	11	13	14	16	17	19	20	21	23	24	195
10 Return Requirements		<u>13</u>	<u>15</u>	<u>18</u>	<u>21</u>	<u>23</u>	<u>26</u>	<u>28</u>	<u>31</u>	<u>33</u>	<u>34</u>	<u>37</u>	<u>39</u>	<u>318</u>
Total Depreciation and Return		<u>36</u>	<u>43</u>	<u>51</u>	<u>59</u>	<u>66</u>	<u>74</u>	<u>81</u>	<u>89</u>	<u>96</u>	<u>102</u>	<u>110</u>	<u>117</u>	<u>924</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  
(HTB-2)  
SCHEDULE C-2  
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TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Actual for Months January 2000 through August 2000  
Projected for Months September 2000 through December 2000

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
<b>1. Heating &amp; Cooling</b>										
2. Actual	0	33,588	0	5,698	109,475	264,225	130	3,096	0	416,212
3. Projected	0	21,180	0	2,500	60,000	140,250	80	1,600	0	225,610
4. Total	0	54,768	0	8,198	169,475	404,475	210	4,696	0	641,822
<b>5. Prime Time</b>										
6. Actual	846,457	487,071	128,694	39,463	23,473	6,137,743	30,511	39,997	0	7,733,409
7. Projected	459,889	274,058	47,200	22,400	11,200	3,097,000	14,800	17,100	0	3,943,645
8. Total	1,306,346	761,127	175,894	61,863	34,673	9,234,743	45,311	57,097	0	11,677,054
<b>9. Energy Audits</b>										
10. Actual	0	403,724	3,521	262,458	52,476	0	25,889	21,342	0	769,410
11. Projected	0	239,309	1,148	129,740	25,600	0	15,506	11,460	0	422,763
12. Total	0	643,033	4,669	392,198	78,076	0	41,395	32,802	0	1,192,173
<b>13. Cogeneration</b>										
14. Actual	0	176,142	0	0	0	0	5,029	0	0	181,171
15. Projected	0	109,886	0	0	0	0	3,906	0	0	113,792
16. Total	0	286,028	0	0	0	0	8,937	0	0	294,963
<b>17. Ceiling Insulation</b>										
18. Actual	0	69,994	0	0	5,127	438,100	2,924	1,799	0	517,944
19. Projected	0	38,598	0	0	2,400	154,000	1,240	1,040	0	197,188
20. Total	0	108,592	0	0	7,527	592,100	4,164	2,839	0	715,132
<b>21. Commercial Load Management</b>										
22. Actual	48	6,021	0	0	2,519	5,345	544	0	0	14,477
23. Projected	88	5,071	200	200	0	2,200	200	0	0	7,939
24. Total	136	11,092	200	200	2,519	7,545	744	0	0	22,416
<b>25. Commercial Lighting</b>										
26. Actual	0	15,071	0	0	12,328	255,593	572	4	0	283,568
27. Projected	0	9,796	0	0	7,200	134,524	400	0	0	151,920
28. Total	0	24,867	0	0	19,528	390,117	972	4	0	435,488
<b>29. Standby Generator</b>										
30. Actual	0	28,254	50,642	1,861	0	407,091	488	0	0	488,336
31. Projected	0	13,302	16,000	1,800	0	200,000	268	0	0	233,170
32. Total	0	43,556	66,642	3,461	0	607,091	756	0	0	721,506
<b>33. Conservation Value</b>										
34. Actual	0	5,632	29	0	0	26,581	301	0	0	32,543
35. Projected	0	3,288	0	0	0	87,840	200	0	0	91,328
36. Total	0	8,920	29	0	0	114,421	501	0	0	123,871
<b>37. Duct Repair</b>										
38. Actual	0	106,668	2,810	(57,728)	149,951	283,485	12,170	12,037	0	509,402
39. Projected	0	68,687	1,600	30,000	84,400	77,584	5,611	6,768	0	274,650
40. Total	0	175,355	4,410	(27,728)	234,351	361,069	17,781	18,805	0	784,052
<b>45. Green Energy Initiative</b>										
46. Actual	0	0	0	0	0	0	0	0	0	0
47. Projected	0	8,064	0	0	0	0	0	0	0	8,064
48. Total	0	8,064	0	0	0	0	0	0	0	8,064
<b>49. Industrial Load Management</b>										
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
<b>53. DSM R&amp;D (D&amp;E)</b>										
54. Actual	0	0	0	0	0	0	0	0	0	0
55. Projected	0	0	0	0	0	0	0	0	0	0
56. Total	0	0	0	0	0	0	0	0	0	0
<b>57. Commercial Cooling</b>										
58. Actual	0	284	0	0	0	0	0	0	0	284
59. Projected	0	558	80	200	0	1,500	100	40	0	2,476
60. Total	0	840	80	200	0	1,500	100	40	0	2,760
<b>61. Residential New Construction</b>										
62. Actual	0	1,632	0	28	0	0	10	0	0	1,670
63. Projected	0	8,578	400	0	4,000	2,700	200	60	0	15,936
64. Total	0	10,208	400	28	4,000	2,700	210	60	0	17,606
<b>65. Common Expenses</b>										
66. Actual	0	109,810	0	0	0	56	91	0	0	110,057
67. Projected	0	68,818	0	0	0	0	200	200	0	69,218
68. Total	0	178,628	0	0	0	56	291	200	0	179,275
69. Total All Programs	1,306,462	2,313,086	252,333	438,420	550,149	11,715,817	121,372	116,543	0	16,814,182

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EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 000002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)  
SCHEDULE C-3  
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TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2000 through August 2000  
Projected for Months September 2000 through December 2000

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		149,177	164,262	205,413	141,212	127,553	187,265	98,499	158,965	125,000	125,000	125,000	125,000	1,732,346
2. Retirements		28,195	35,289	81,489	61,172	87,108	77,139	80,936	107,894	82,295	104,561	62,093	41,800	849,971
3. Depreciation Base		4,554,766	4,683,739	4,807,663	4,887,703	4,928,148	5,038,274	5,055,837	5,106,908	5,149,613	5,170,052	5,232,959	5,316,159	
4. Depreciation Expense		<u>74,905</u>	<u>76,988</u>	<u>79,095</u>	<u>80,795</u>	<u>81,789</u>	<u>83,054</u>	<u>84,118</u>	<u>84,690</u>	<u>85,471</u>	<u>85,997</u>	<u>86,692</u>	<u>87,909</u>	<u>991,513</u>
5. Cumulative Investment	<u>4,433,784</u>	4,554,766	4,683,739	4,807,663	4,887,703	4,928,148	5,038,274	5,055,837	5,106,908	5,149,613	5,170,052	5,232,959	5,316,159	5,316,159
6. Less: Accumulated Depreciation	<u>2,161,116</u>	<u>2,207,826</u>	<u>2,249,525</u>	<u>2,247,131</u>	<u>2,266,754</u>	<u>2,261,445</u>	<u>2,267,360</u>	<u>2,270,542</u>	<u>2,247,338</u>	<u>2,250,514</u>	<u>2,231,950</u>	<u>2,256,549</u>	<u>2,302,658</u>	<u>2,302,658</u>
7. Net Investment	<u>2,272,668</u>	<u>2,346,940</u>	<u>2,434,214</u>	<u>2,560,532</u>	<u>2,620,949</u>	<u>2,666,703</u>	<u>2,770,914</u>	<u>2,785,295</u>	<u>2,859,570</u>	<u>2,899,099</u>	<u>2,938,102</u>	<u>2,976,410</u>	<u>3,013,501</u>	<u>3,013,501</u>
8. Average Investment		2,309,804	2,390,577	2,497,373	2,590,741	2,643,826	2,718,809	2,778,105	2,822,433	2,879,335	2,918,601	2,957,256	2,994,956	
9. Return on Average Investment		13,743	14,224	14,859	15,415	15,731	16,177	16,530	16,793	17,132	17,366	17,596	17,820	193,386
10. Return Requirements		<u>22,374</u>	<u>23,157</u>	<u>24,190</u>	<u>25,096</u>	<u>25,610</u>	<u>26,336</u>	<u>26,911</u>	<u>27,339</u>	<u>27,891</u>	<u>28,272</u>	<u>28,646</u>	<u>29,011</u>	<u>314,833</u>
11. Total Depreciation and Return		<u>97,279</u>	<u>100,145</u>	<u>103,285</u>	<u>105,891</u>	<u>107,409</u>	<u>109,390</u>	<u>111,029</u>	<u>112,029</u>	<u>113,362</u>	<u>114,269</u>	<u>115,338</u>	<u>116,920</u>	<u>1,306,346</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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EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 000002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)  
SCHEDULE C-3  
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TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months January 2000 through August 2000  
Projected for Months September 2000 through December 2000

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	300	300	300	300	1,200
2. Retirements		0	0	0	0	0	0	0	0	335	0	0	0	335
3. Depreciation Base		335	335	335	335	335	335	335	335	300	600	900	1,200	
4. Depreciation Expense		<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>5</u>	<u>8</u>	<u>13</u>	<u>18</u>	<u>92</u>
5. Cumulative Investment	<u>335</u>	335	335	335	335	335	335	335	335	300	600	900	1,200	1,200
6. Less: Accumulated Depre	<u>285</u>	<u>291</u>	<u>297</u>	<u>303</u>	<u>309</u>	<u>315</u>	<u>321</u>	<u>327</u>	<u>333</u>	<u>3</u>	<u>11</u>	<u>24</u>	<u>42</u>	<u>42</u>
7. Net Investment	<u>50</u>	<u>44</u>	<u>38</u>	<u>32</u>	<u>26</u>	<u>20</u>	<u>14</u>	<u>8</u>	<u>2</u>	<u>297</u>	<u>589</u>	<u>876</u>	<u>1,158</u>	<u>1,158</u>
8. Average Investment		47	41	35	29	23	17	11	5	150	443	733	1,017	
9. Return on Average Investment		0	0	0	0	0	0	0	0	1	3	4	6	14
10. Return Requirements		0	0	0	0	0	0	0	0	2	5	7	10	24
11. Total Depreciation and Return		<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>7</u>	<u>13</u>	<u>20</u>	<u>28</u>	<u>116</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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EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 000002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-2)  
 SCHEDULE C-3  
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TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Actual for Months January 2000 through August 2000  
Projected for Months September 2000 through December 2000

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	20,031	47,348	49,259	29,144	67,791	73,722	56,202	72,715	59,590	59,590	59,590	46,840	641,822
2 Prime Time	1,114,141	1,093,230	1,025,743	866,298	939,925	912,800	862,274	918,998	905,051	900,958	1,059,027	1,078,609	11,677,054
3 Energy Audits	75,198	215,402	77,392	91,872	77,806	98,123	54,475	79,142	105,680	105,680	105,680	105,723	1,192,173
4 Cogeneration	26,392	30,764	25,001	15,829	25,516	29,994	7,519	20,156	27,807	29,090	29,090	27,807	294,965
5 Ceiling Insulation	15,528	32,319	56,196	59,314	50,104	113,165	106,139	85,179	62,797	62,797	40,797	30,797	715,132
6 Commercial Load Management	1,182	1,796	2,077	3,446	1,936	1,681	1,499	860	3,387	1,510	1,517	1,525	22,416
7 Commercial Lighting	71,228	36,699	12,814	81,407	38,033	11,440	30,177	1,770	44,706	44,706	31,254	31,254	435,488
8 Standby Generator	106,376	56,815	52,695	55,922	54,176	56,106	53,182	53,064	58,934	57,651	57,651	58,934	721,506
9 Conservation Value	8,180	1,700	2,007	406	13,010	970	65	6,205	22,832	22,832	22,832	22,832	123,871
10 Duct Repair	33,566	55,430	61,671	111,100	60,063	72,668	40,149	74,755	71,675	69,951	66,503	66,521	784,052
11 Green Energy Initiative	0	0	0	0	0	0	0	0	2,016	2,016	2,016	2,016	8,064
12 Industrial Load Management	0	0	0	0	0	0	0	0	0	0	0	0	0
13 DSM R&D (D&E)	0	0	0	0	0	600	(600)	0	0	0	0	0	0
14 Commercial Cooling	0	0	0	0	0	136	(136)	284	494	494	744	744	2,760
15 Residential New Construction	0	0	0	0	0	438	(408)	1,640	3,309	3,309	4,209	5,109	17,606
16 Common Expenses	<u>13,183</u>	<u>16,327</u>	<u>15,710</u>	<u>16,091</u>	<u>15,717</u>	<u>15,319</u>	<u>6,561</u>	<u>11,149</u>	<u>16,804</u>	<u>16,804</u>	<u>16,804</u>	<u>16,804</u>	<u>177,273</u>
17 Total	1,485,005	1,587,830	1,380,565	1,330,829	1,344,077	1,387,162	1,217,098	1,325,917	1,385,082	1,377,388	1,497,714	1,495,515	16,814,182
18 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Recoverable Conservation Expenses	<u>1,485,005</u>	<u>1,587,830</u>	<u>1,380,565</u>	<u>1,330,829</u>	<u>1,344,077</u>	<u>1,387,162</u>	<u>1,217,098</u>	<u>1,325,917</u>	<u>1,385,082</u>	<u>1,377,388</u>	<u>1,497,714</u>	<u>1,495,515</u>	<u>16,814,182</u>

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EXHIBIT NO. \_\_\_\_\_  
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TAMPA ELECTRIC COMPANY  
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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up

Actual for Months January 2000 through August 2000  
Projected for Months September 2000 through December 2000

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)	1,273,632	1,260,501	1,110,329	1,189,825	1,332,156	1,645,337	1,584,469	1,600,765	1,655,112	1,453,198	1,239,271	1,253,809	16,598,404
3. Total Revenues	1,273,632	1,260,501	1,110,329	1,189,825	1,332,156	1,645,337	1,584,469	1,600,765	1,655,112	1,453,198	1,239,271	1,253,809	16,598,404
4. Prior Period True-up	192,181	192,181	192,181	192,181	192,181	192,181	192,181	192,181	192,181	192,181	192,181	192,178	2,306,169
5. Conservation Revenue Applicable to Period	1,465,813	1,452,682	1,302,510	1,382,006	1,524,337	1,837,518	1,776,650	1,792,946	1,847,293	1,645,379	1,431,452	1,445,987	18,904,573
6. Conservation Expenses (C-3, Page 4, Line 14)	1,465,005	1,587,830	1,380,565	1,330,829	1,344,077	1,387,162	1,217,098	1,325,917	1,385,082	1,377,388	1,497,714	1,495,515	16,814,182
7. True-up This Period (Line 5 - Line 6)	(19,192)	(135,148)	(78,055)	51,177	180,260	450,356	559,552	467,029	462,211	267,991	(66,262)	(49,528)	2,090,391
8. Interest Provision This Period (C-3, Page 6, Line 10)	10,452	9,378	8,178	7,419	7,358	8,309	10,013	11,731	13,465	14,725	14,298	12,982	100,300
9. True-up & Interest Provision Beginning of Period	2,306,169	2,105,248	1,787,297	1,525,239	1,391,654	1,387,091	1,653,575	2,030,959	2,317,538	2,601,033	2,691,568	2,447,423	2,306,169
10. Prior Period True-up Collected (Refunded)	(192,181)	(192,181)	(192,181)	(192,181)	(192,181)	(192,181)	(192,181)	(192,181)	(192,181)	(192,181)	(192,181)	(192,178)	(2,306,169)
11. End of Period Total Net True-up	2,105,248	1,787,297	1,525,239	1,391,654	1,387,091	1,653,575	2,030,959	2,317,538	2,601,033	2,691,568	2,447,423	2,218,699	2,190,691
* Net of Revenue Taxes													
(A) Included in Line 6									Summary of Allocation	Forecast	Ratio	True Up	
12.									Demand	13,124,057	0.71	1,555,391	
13.									Energy	5,269,690	0.29	635,300	
									Total	18,393,747	1.00	2,190,691	

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(HTB-2)  
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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of Interest Provision

Actual for Months January 2000 through August 2000  
Projected for Months September 2000 through December 2000

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)	\$2,306,169	\$2,105,248	\$1,787,297	\$1,525,239	\$1,391,654	\$1,387,091	\$1,653,575	\$2,030,959	\$2,317,538	\$2,601,033	\$2,691,568	\$2,447,423	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>2,094,796</u>	<u>1,777,919</u>	<u>1,517,061</u>	<u>1,384,235</u>	<u>1,379,733</u>	<u>1,645,266</u>	<u>2,020,946</u>	<u>2,305,807</u>	<u>2,587,568</u>	<u>2,676,843</u>	<u>2,433,125</u>	<u>2,205,717</u>	
3. Total Beginning & Ending True-up	<u>\$4,400,965</u>	<u>\$3,883,167</u>	<u>\$3,304,358</u>	<u>\$2,909,474</u>	<u>\$2,771,387</u>	<u>\$3,032,357</u>	<u>\$3,674,521</u>	<u>\$4,336,766</u>	<u>\$4,905,106</u>	<u>\$5,277,876</u>	<u>\$5,124,693</u>	<u>\$4,653,140</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$2,200,483</u>	<u>\$1,941,584</u>	<u>\$1,652,179</u>	<u>\$1,454,737</u>	<u>\$1,385,694</u>	<u>\$1,516,179</u>	<u>\$1,837,261</u>	<u>\$2,168,383</u>	<u>\$2,452,553</u>	<u>\$2,638,938</u>	<u>\$2,562,347</u>	<u>\$2,326,570</u>	
5. Interest Rate - First Day of Month	<u>5.800%</u>	<u>5.800%</u>	<u>5.800%</u>	<u>6.070%</u>	<u>6.180%</u>	<u>6.570%</u>	<u>6.580%</u>	<u>6.500%</u>	<u>6.480%</u>	<u>6.700%</u>	<u>6.700%</u>	<u>6.700%</u>	
6. Interest Rate - First Day of Next Month	<u>5.800%</u>	<u>5.800%</u>	<u>6.070%</u>	<u>6.180%</u>	<u>6.570%</u>	<u>6.580%</u>	<u>6.500%</u>	<u>6.480%</u>	<u>6.700%</u>	<u>6.700%</u>	<u>6.700%</u>	<u>6.700%</u>	
7. Total (Line 5 + Line 6)	<u>11.400%</u>	<u>11.600%</u>	<u>11.870%</u>	<u>12.250%</u>	<u>12.750%</u>	<u>13.150%</u>	<u>13.080%</u>	<u>12.980%</u>	<u>13.180%</u>	<u>13.400%</u>	<u>13.400%</u>	<u>13.400%</u>	
8. Average Interest Rate (50% of Line 7)	<u>5.700%</u>	<u>5.800%</u>	<u>5.935%</u>	<u>6.125%</u>	<u>6.375%</u>	<u>6.575%</u>	<u>6.540%</u>	<u>6.490%</u>	<u>6.590%</u>	<u>6.700%</u>	<u>6.700%</u>	<u>6.700%</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.475%</u>	<u>0.483%</u>	<u>0.495%</u>	<u>0.510%</u>	<u>0.531%</u>	<u>0.548%</u>	<u>0.545%</u>	<u>0.541%</u>	<u>0.549%</u>	<u>0.558%</u>	<u>0.558%</u>	<u>0.558%</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$10,452</u>	<u>\$9,378</u>	<u>\$8,178</u>	<u>\$7,419</u>	<u>\$7,358</u>	<u>\$8,309</u>	<u>\$10,013</u>	<u>\$11,731</u>	<u>\$13,465</u>	<u>\$14,725</u>	<u>\$14,298</u>	<u>\$12,982</u>	<u>\$100,300</u>

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TAMPA ELECTRIC COMPANY  
(HTB-2)  
SCHEDULE C-3  
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TAMPA ELECTRIC COMPANY  
Energy Conservation  
Calculation of Conservation Revenues

Actual for Months January 2000 through August 2000  
Projected for Months September 2000 through December 2000

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,140,271	149,115	1,273,632
February	1,119,137	137,969	1,260,501
March	1,009,503	112,437	1,110,329
April	1,080,302	121,641	1,189,825
May	1,199,471	130,026	1,332,156
June	1,466,507	125,654	1,645,337
July	1,414,539	104,469	1,584,469
August	1,431,864	102,192	1,600,765
September	1,477,319	123,584	1,655,112
October	1,302,364	139,706	1,453,198
November	1,119,064	146,963	1,239,271
December	1,128,429	149,181	1,253,809
Total	<u>14,888,770</u>	<u>1,542,937</u>	<u>16,598,404</u>

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TAMPA ELECTRIC COMPANY  
(HTB-2)  
SCHEDULE C-4  
PAGE 1 of 1



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** HEATING AND COOLING

**Program Description:** Incentive Program for the installation of high efficiency residential heating and cooling equipment.

**Program Projections:** January 1, 2000 to December 31, 2000

1,306 units to be installed and approved.

January 1, 2001 to December 31, 2001

2,400 units to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures estimated for the period are \$641,822.

January 1, 2001 to December 31, 2001

Expenditures estimated for the period are \$802,104.

**Program Progress Summary:**

Through December 31, 1999 - 140,249 units have been installed and approved.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** PRIME TIME

**Program Description:** Load management program for cycling residential appliances - heating, air conditioning, water heating and pool pumps.

**Program Projections:** January 1, 2000 to December 31, 2000

76,132 customers on this program (cumulative).

January 1, 2001 to December 31, 2001

76,732 customers will be participating (cumulative).

**Program Fiscal Expenditures:**

January 1, 2000 to December 31, 2000

Estimated expenditures are \$11,677,054.

January 1, 2001 to December 31, 2001

\$11,988,735 estimated.

**Program Progress**

**Summary:** 77,025 customers were participating through December 31, 1999.

Breakdown is as follows:

Water Heating	71,560
Air Conditioning	55,081
Heating	58,309
Pool Pump	14,265

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY AUDITS

**Program Description:** Audits of residential, commercial and industrial customers' facilities to help define potential areas of energy savings. Additionally, mail-in self-evaluating audits are available for customers.

**Program Projections:** January 1, 2000 to December 31, 2000

Residential - 17,417 (RCS - 0; Free - 5,107; Mail-in - 12,310)

Comm/Ind - 373 (Paid - 0; Free - 373)

January 1, 2001 to December 31, 2001

Residential - 17,200 (RCS - 0; Alt - 5,200; Mail-in - 12,000)

Comm/Ind - 437 (Paid - 2; Free - 435)

**Program Fiscal  
Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures are expected to be \$1,192,173.

January 1, 2001 to December 31, 2001

Estimated costs are \$1,296,290.

**Program Progress  
Summary:**

Through December 31, 1999 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	180,494
Residential Mail-in	41,815
Commercial-Ind (Fee)	223
Commercial-Ind (Free)	12,864
Commercial Mail-in	1,447

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COGENERATION

**Program Description:** To encourage the development of cost-effective commercial and industrial cogeneration facilities. To evaluate and administer standard offer and negotiated contracts for the purchase of firm capacity and energy.

**Program Projections:** January 1, 2000 to December 31, 2000

SO2 scrubber construction is currently underway for Clean Air Act Compliance at two existing qualifying facilities. Will continue communication and interaction with all present and potential cogeneration customers.

January 1, 2001 to December 31, 2001

Start the development and publication of the 20-Year Cogeneration Forecast.

**Program Fiscal Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures are estimated to be \$294,965.

January 1, 2001 to December 31, 2001

Expenditures are estimated to be \$342,527.

**Program Progress Summary:**

The projected total maximum generation by electrically interconnected cogeneration during 2001 will be approximately 612 MW.

Continuing interaction with current and potential cogeneration developers for discussion regarding current cogeneration activities and future cogeneration construction activities. Currently there are sixteen (16) Qualifying Facilities with generation on-line in our service area.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** CEILING INSULATION

**Program Description:** Incentive program used to promote the addition of insulation in existing residential living units.

**Program Projections:** January 1, 2000 to December 31, 2000

Approximately 5,697 units during this period.

January 1, 2001 to December 31, 2001

5,050 units expected for this period.

**Program Fiscal Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures are estimated to be \$715,132.

January 1, 2001 to December 31, 2001

\$694,624 are the expected costs.

**Program Progress Summary:**

Through December 31, 1999 - 51,081 installations have been certified and paid.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL LOAD MANAGEMENT

**Program Description:** Load management program for commercial customers.

**Program Projections:** January 1, 2000 to December 31, 2000

No installations expected.

January 1, 2001 to December 31, 2001

2 installations expected.

**Program Fiscal  
Expenditures:**

January 1, 2000 to December 31, 2000

\$22,416 are expected costs.

January 1, 2001 to December 31, 2001

Expenses of \$30,159 are estimated.

**Program Progress  
Summary:**

Through December 31, 1999 - 19 commercial installations are in service.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL INDOOR LIGHTING

**Program Description:** An incentive program to encourage investment in more efficient lighting technology in existing commercial facilities.

**Program Projections:** January 1, 2000 to December 31, 2000

64 customers are expected to participate during this period.

January 1, 2001 to December 31, 2001

72 customers are expected to participate during this period.

**Program Fiscal Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures estimated for the period are \$435,488.

January 1, 2001 to December 31, 2001

Expenditures estimated for this period are \$538,896.

**Program Progress Summary:**

Through December 31, 1999 - 761 customers have participated.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** STANDBY GENERATOR

**Program Description:** A program designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand.

**Program Projections:** January 1, 2000 to December 31, 2000

1 installation is expected.

January 1, 2001 to December 31, 2001

2 installations are expected.

**Program Fiscal  
Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures estimated for the period are \$721,506.

January 1, 2001 to December 31, 2001

Expenditures estimated for the period are \$730,861.

**Program Progress  
Summary:**

Through December 31, 1999 - 42 customers are participating.



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** CONSERVATION VALUE

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

**Program Projections:** January 1, 2000 to December 31, 2000

5 customers are expected to participate during this period.

January 1, 2001 to December 31, 2001

3 customers are expected to participate during this period.

**Program Fiscal  
Expenditures:**

January 1, 2000 to December 31, 2000

Estimated expenses are \$123,871.

January 1, 2001 to December 31, 2001

Estimated expenses are \$70,440.

**Program Progress  
Summary:**

Through December 31, 1999 - Five (5) customers have earned incentive dollars. We are actively working with several customers on evaluations of various measures.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** DUCT REPAIR

**Program Description:** An incentive program to encourage the repair of the air distribution system in a residence.

**Program Projections:** January 1, 2000 to December 31, 2000

1,420 repairs to be made.

January 1, 2001 to December 31, 2001

3,000 repairs to be made.

**Program Fiscal  
Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures estimated for the period are \$784,052.

January 1, 2001 to December 31, 2001

Expenditures estimated for the period are \$1,246,015.

**Program Progress**

**Summary:**

Through December 31, 1999 - 25,439 customers have participated.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** GREEN ENERGY INITIATIVE

**Program Description:** A three-year pilot program designed to assist in the delivery of renewable energy to program participants. This specific effort will provide funding for program administration, evaluation and market research.

**Program Projections:** January 1, 2000 to December 31, 2000

See Program Progress Summary below.

January 1, 2001 to December 31, 2001

See Program Progress Summary below.

**Program Fiscal  
Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures estimated for the period are \$8,064.

January 1, 2001 to December 31, 2001

Expenditures estimated for the period are \$48,816.

**Program Progress  
Summary:**

This initiative was approved in Docket No. 000697-EI at the September 5, 2000 FPSC Agenda Conference. As stated above, it will provide funding for program administration, evaluation and market research. Maximum expenditures for this effort during the three-year pilot is projected to be \$1000,000. Program participation is expected to begin the fourth quarter of 2000.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** INDUSTRIAL LOAD MANAGEMENT

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

**Program Projections:** January 1, 2000 to December 31, 2000

No customers are expected to participate.

January 1, 2001 to December 31, 2001

See Program Progress Summary below.

**Program Fiscal Expenditures:**

January 1, 2000 to December 31, 2000

No expenses are expected.

January 1, 2001 to December 31, 2001

Expenditures are estimated to be \$231,912.

**Program Progress Summary:**

Program approved by FPSC in Docket No. 990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999. For 2000, no participation is expected based on the assessment for need determination. Should the assessment indicate an opportunity for customer participation during 2001, the projected expenditures above have been based on the current interruptible class load average per customer with the additional assumption that one incremental customer would replicate that average.

### PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** DSM R&D

**Program Description:** A program directed at R&D for end-use technologies 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, 2000 to December 31, 2000

No expenses are expected.

January 1, 2001 to December 31, 2001

Expenditures are estimated at \$83,024.

**Program Progress Summary:**

Pursuant to Order No. PSC-95-0691-FOF-EG in Docket No. 941173-EG, Tampa Electric Company submitted a final report on commercial R & D projects to the Florida Public Service Commission on June 30, 2000. Based on the Commission's directive in Order No. PSC-00-0754-PAA-EG, Docket No. 991791-EG, Tampa Electric will pursue residential and commercial R & D projects during the next five years that have potential DSM opportunities.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL COOLING

**Program Description:** An incentive program to encourage the installation of high efficiency direct expansion (DX) cooling systems in commercial buildings.

**Program Projections:** January 1, 2000 to December 31, 2000

6 customers are expected to participate.

January 1, 2001 to December 31, 2001

24 customers are expected to participate.

**Program Fiscal  
Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures are estimated at \$2,760.

January 1, 2001 to December 31, 2001

Expenditures are estimated at \$9,096.

**Program Progress  
Summary:**

Program approved by FPSC in Docket No. 991791-EG, Order No. PSC-00-0754-PAA-EG, issued April 17, 2000. Program delivery to the marketplace is underway.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL NEW CONSTRUCTION

**Program Description:** A program for the new construction market designed to reduce the growth of peak demand and energy through the installation of high efficiency equipment and building envelope options.

**Program Projections:** January 1, 2000 to December 31, 2000

30 customers are expected to participate.

January 1, 2001 to December 31, 2001

360 customers are expected to participate

**Program Fiscal  
Expenditures:**

January 1, 2000 to December 31, 2000

Expenditures are estimated at \$17,606.

January 1, 2001 to December 31, 2001

Expenditures are estimated at \$78,492.

**Program Progress  
Summary:**

Program approved by FPSC in Docket No. 991791-EG, Order No. PSC-00-0754-PAA-EG, issued April 17, 2000. Program delivery to the marketplace is underway.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMON EXPENSES

**Program Description:** Expenditures which cover a number of conservation programs.

**Program Projections:** N/A

**Program Fiscal**

**Expenditures:** January 1, 2000 to December 31, 2000

Expenditures are estimated to be \$177,273.

January 1, 2001 to December 31, 2001

Expenditures are estimated at \$201,756.

**Program Progress**

**Summary:** N/A



INPUT DATA -- PART 1  
PROGRAM: Industrial Load Management

I. PROGRAM DEMAND SAVINGS AND LINE LOSSES

(1) CUSTOMER KW REDUCTION AT THE METER .....	2,850.00 KW /CUST
(2) GENERATOR KW REDUCTION PER CUSTOMER .....	2,806.60 KW GEN/CUST
(3) KW LINE LOSS PERCENTAGE .....	3.4 %
(4) GENERATION KWH REDUCTION PER CUSTOMER .....	585,817 KWH/CUST/YR
(5) KWH LINE LOSS PERCENTAGE .....	2.7 %
(6) GROUP LINE LOSS MULTIPLIER .....	1.0000
(7) CUSTOMER KWH PROGRAM INCREASE AT METER .....	0.0 KWH/CUST/YR
(8)* CUSTOMER KWH REDUCTION AT METER .....	570,000 KWH/CUST/YR

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR CONSERVATION PROGRAM .....	30 YEARS
(2) GENERATOR ECONOMIC LIFE .....	30 YEARS
(3) T & D ECONOMIC LIFE .....	30 YEARS
(4) K FACTOR FOR GENERATION .....	1.6043
(5) K FACTOR FOR T & D .....	1.6043
(6)* SWITCH REV REQ(0) OR VAL-OF-DEF (1) .....	0

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NONRECURRING COST PER CUSTOMER ....	1,500.00 \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER .....	1,200.00 \$/CUST/YR
(3) UTILITY COST ESCALATION RATE .....	2.3 %
(4) CUSTOMER EQUIPMENT COST .....	10,000.00 \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE .....	2.3 %
(6) CUSTOMER O & M COST .....	0.00 \$/CUST/YR
(7) CUSTOMER O & M ESCALATION RATE .....	2.3 %
(8)* CUSTOMER TAX CREDIT PER INSTALLATION .....	0.00 \$/CUST
(9)* CUSTOMER TAX CREDIT ESCALATION RATE .....	0.0 %
(10)* INCREASED SUPPLY COSTS .....	0.00 \$/CUST/YR
(11)* SUPPLY COSTS ESCALATION RATE .....	0.0 %
(12)* UTILITY DISCOUNT RATE .....	9.51%
(13)* UTILITY AFUDC RATE .....	7.79%
(14)* UTILITY NON RECURRING REBATE/INCENTIVE ...	0.00 \$/CUST
(15)* UTILITY RECURRING REBATE/INCENTIVE .....	112,902.00 \$/CUST/YR
(16)* UTILITY REBATE/INCENTIVE ESCAL RATE .....	0.0 %

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

IV. AVOIDED GENERATOR, TRANS. AND DIST. COSTS

(1) BASE YEAR .....	2000
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT .....	2003
(3) IN-SERVICE YEAR FOR AVOIDED T & D .....	2003
(4) BASE YEAR AVOIDED GENERATING UNIT COST .....	286.97 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST .....	0.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST .....	0.00 \$/KW
(7) GEN, TRAN, & DIST COST ESCALATION RATE .....	2.4 %
(8) GENERATOR FIXED O & M COST .....	2.09 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE .....	2.3 %
(10) TRANSMISSION FIXED O & M COST .....	0.00 \$/KW/YR
(11) DISTRIBUTION FIXED O & M COST .....	0.00 \$/KW/YR
(12) T&D FIXED O&M ESCALATION RATE .....	2.3 %
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS .....	0.287 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RAT .....	2.3 %
(15) GENERATOR CAPACITY FACTOR .....	2.7 %
(16) AVOIDED GENERATING UNIT FUEL COST .....	2.677 CENTS/KWH
(17) AVOIDED GEN UNIT FUEL ESCALATION RATE .....	3.808 %
(18)* AVOIDED PURCHASE CAPACITY COST PER KW .....	0.00 \$/KW/YR
(19)* CAPACITY COST ESCALATION RATE .....	0.0 %

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL .....	1,370 CENTS/KWH
(2) NON-FUEL ESCALATION RATE .....	1.0 %
(3) CUSTOMER DEMAND CHARGE PER KW .....	7.25 \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE .....	1.0 %
(5)* DIVERSITY and ANNUAL DEMAND ADJUSTMENT FACTOR FOR CUSTOMER BILL .....	0.0

\*\*\*CALCULATED BENEFITS AND COSTS \*\*\*

(1)* TRC TEST - BENEFIT/COST RATIO .....	56.6
(2)* PARTICIPANT NET BENEFITS (NPV) .....	1,384
(3)* RIM TEST - BENEFIT/COST RATIO .....	1.2

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EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 000002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)

CALCULATION OF AFUDC AND IN-SERVICE COST OF PLANT  
 PLANT: 2003 AVOIDED UNIT

(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)
1994	-9	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1995	-8	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1996	-7	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1997	-6	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1998	-5	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
1999	-4	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
2000	-3	0.0%	1.0000	0.0%	0.00	0.00	0.00	0.00	0.00	0.00
2001	-2	1.1%	1.0114	42.0%	121.90	60.95	60.95	4.58	126.48	126.48
2002	-1	1.1%	1.0229	58.0%	170.25	207.02	211.60	6.51	176.76	303.24
2003	0			0.0%	0.00			0.00	0.00	
					1.00	292.15		11.09	303.24	

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IN-SERVICE YEAR = 2003  
 PLANT COSTS (2000 \$) \$286.97  
 AFUDC RATE: 7.79%

INPUT DATA - PART 2  
 PROGRAM: Industrial Load Management

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
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
2000	1	1	2.30	2.79	0.00	0.00	1.00	1.00
2001	1	1	2.18	2.73	0.00	0.00	1.00	1.00
2002	1	1	2.13	2.45	0.00	0.00	1.00	1.00
2003	1	1	2.21	2.31	0.00	0.00	1.00	1.00
2004	1	1	2.23	2.28	0.00	0.00	1.00	1.00
2005	1	1	2.13	2.38	0.00	0.00	1.00	1.00
2006	1	1	2.22	2.49	0.00	0.00	1.00	1.00
2007	1	1	2.24	2.67	0.00	0.00	1.00	1.00
2008	1	1	2.29	2.72	0.00	0.00	1.00	1.00
2009	1	1	2.35	2.83	0.00	0.00	1.00	1.00
2010	1	1	2.43	3.01	0.00	0.00	1.00	1.00
2011	1	1	2.57	3.12	0.00	0.00	1.00	1.00
2012	1	1	2.60	3.41	0.00	0.00	1.00	1.00
2013	1	1	2.67	3.50	0.00	0.00	1.00	1.00
2014	1	1	2.73	3.61	0.00	0.00	1.00	1.00
2015	1	1	2.81	3.77	0.00	0.00	1.00	1.00
2016	1	1	2.91	3.95	0.00	0.00	1.00	1.00
2017	1	1	3.01	4.10	0.00	0.00	1.00	1.00
2018	1	1	3.13	4.30	0.00	0.00	1.00	1.00
2019	1	1	3.23	4.49	0.00	0.00	1.00	1.00
2020	1	1	3.31	4.66	0.00	0.00	1.00	1.00
2021	1	1	3.43	4.87	0.00	0.00	1.00	1.00
2022	1	1	3.52	5.04	0.00	0.00	1.00	1.00
2023	1	1	3.62	5.14	0.00	0.00	1.00	1.00
2024	1	1	3.72	5.35	0.00	0.00	1.00	1.00
2025	1	1	3.82	5.49	0.00	0.00	1.00	1.00
2026	1	1	3.93	5.71	0.00	0.00	1.00	1.00
2027	1	1	4.05	5.93	0.00	0.00	1.00	1.00
2028	1	1	4.15	6.10	0.00	0.00	1.00	1.00
2029	1	1	4.23	6.23	0.00	0.00	1.00	1.00

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AVOIDED GENERATION UNIT BENEFITS  
PROGRAM: Industrial Load Management

\* UNIT SIZE OF AVOIDED GENERATION UNIT = 2,607.0 KW  
\* INSERVICE COSTS OF AVOIDED GEN. UNIT (000) = \$851.2

(1) YEAR	(1A)* REVENUE REQUIREMENT FACTOR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(2A)* AVOIDED ANNUAL UNIT KWH GEN (000)	(3) AVOIDED UNIT FIXED O&M COST \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M COST \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(6A)* AVOIDED PURCHASED CAPACITY COSTS \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2000	0.000	0	0	0	0	0	0	0	0
2001	0.000	0	0	0	0	0	0	0	0
2002	0.000	0	0	0	0	0	0	0	0
2003	0.199	170	664	6	2	20	0	0	198
2004	0.193	164	664	6	2	21	0	0	193
2005	0.185	157	664	7	2	21	0	0	187
2006	0.177	151	664	7	2	22	0	0	182
2007	0.170	145	664	7	2	23	0	0	177
2008	0.164	139	664	7	2	24	0	0	173
2009	0.158	134	664	7	2	25	0	0	168
2010	0.151	129	664	7	2	26	0	0	164
2011	0.145	124	664	8	2	27	0	0	161
2012	0.139	119	664	8	3	28	0	0	157
2013	0.133	113	664	8	3	29	0	0	153
2014	0.127	108	664	8	3	30	0	0	149
2015	0.121	103	664	8	3	31	0	0	145
2016	0.115	98	664	8	3	32	0	0	142
2017	0.109	93	664	9	3	34	0	0	138
2018	0.104	89	664	9	3	35	0	0	135
2019	0.101	86	664	9	3	36	0	0	134
2020	0.099	84	664	9	3	38	0	0	134
2021	0.096	82	664	9	3	39	0	0	133
2022	0.094	80	664	10	3	40	0	0	133
2023	0.091	78	664	10	3	42	0	0	133
2024	0.089	76	664	10	3	44	0	0	133
2025	0.087	74	664	10	3	45	0	0	133
2026	0.084	72	664	11	3	47	0	0	133
2027	0.082	70	664	11	4	49	0	0	133
2028	0.080	68	664	11	4	51	0	0	133
2029	0.077	66	664	11	4	53	0	0	133
NOMINAL		2,869	17,823	231	75	910	0	0	4,088
NPV		1,023		61	20	222	0	0	1,326

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 000002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)

AVOIDED T & D AND PROGRAM FUEL SAVINGS  
 PROGRAM: Industrial Load Management

\* INSERVICE COSTS OF AVOIDED TRANS. (000) = \$0.0  
 \* INSERVICE COSTS OF AVOIDED DIST. (000) = \$0.0

(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)
2000	0	0	0	0	0	0	8
2001	0	0	0	0	0	0	15
2002	0	0	0	0	0	0	14
2003	0	0	0	0	0	0	14
2004	0	0	0	0	0	0	13
2005	0	0	0	0	0	0	14
2006	0	0	0	0	0	0	15
2007	0	0	0	0	0	0	16
2008	0	0	0	0	0	0	16
2009	0	0	0	0	0	0	17
2010	0	0	0	0	0	0	18
2011	0	0	0	0	0	0	18
2012	0	0	0	0	0	0	20
2013	0	0	0	0	0	0	21
2014	0	0	0	0	0	0	21
2015	0	0	0	0	0	0	22
2016	0	0	0	0	0	0	23
2017	0	0	0	0	0	0	24
2018	0	0	0	0	0	0	25
2019	0	0	0	0	0	0	26
2020	0	0	0	0	0	0	27
2021	0	0	0	0	0	0	29
2022	0	0	0	0	0	0	30
2023	0	0	0	0	0	0	30
2024	0	0	0	0	0	0	31
2025	0	0	0	0	0	0	32
2026	0	0	0	0	0	0	33
2027	0	0	0	0	0	0	35
2028	0	0	0	0	0	0	36
2029	0	0	0	0	0	0	36
NOMINAL	0	0	0	0	0	0	680
NPV:	0	0	0	0	0	0	188

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 000002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-2)

(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)
2000	293	8	0	0	8	8
2001	586	16	0	0	16	16
2002	586	14	0	0	14	14
2003	586	14	0	0	14	14
2004	586	13	0	0	13	13
2005	586	14	0	0	14	14
2006	586	15	0	0	15	15
2007	586	16	0	0	16	16
2008	586	16	0	0	16	16
2009	586	17	0	0	17	17
2010	586	18	0	0	18	18
2011	586	18	0	0	18	18
2012	586	20	0	0	20	20
2013	586	21	0	0	21	21
2014	586	21	0	0	21	21
2015	586	22	0	0	22	22
2016	586	23	0	0	23	23
2017	586	24	0	0	24	24
2018	586	25	0	0	25	25
2019	586	26	0	0	26	26
2020	586	27	0	0	27	27
2021	586	29	0	0	29	29
2022	586	30	0	0	30	30
2023	586	30	0	0	30	30
2024	586	31	0	0	31	31
2025	586	32	0	0	32	32
2026	586	33	0	0	33	33
2027	586	35	0	0	35	35
2028	586	36	0	0	36	36
2029	586	36	0	0	36	36
NOMINAL	17,282	680	0	0	680	680
NPV:		188		0	188	188

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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EXHIBIT NO. \_\_\_\_\_  
 DOCKET NO. 000002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-2)

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(1) YEAR	(2)-(7) ← UTILITY PROGRAM COSTS & REBATES →						(8)-(18) ← PARTICIPATING CUSTOMER COSTS & BENEFITS →											
	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 \$(000)	EFFECT. REVENUE INC. IN BILL \$(000)	
2000	2	1	2	0	56	56	10	0	10	285	7	4	10	0	0	0	0	
2001	0	1	1	0	113	113	0	0	0	570	12	8	20	0	0	0	0	
2002	0	1	1	0	113	113	0	0	0	570	12	8	20	0	0	0	0	
2003	0	1	1	0	113	113	0	0	0	570	13	8	21	0	0	0	0	
2004	0	1	1	0	113	113	0	0	0	570	13	8	21	0	0	0	0	
2005	0	1	1	0	113	113	0	0	0	570	12	8	20	0	0	0	0	
2006	0	1	1	0	113	113	0	0	0	570	13	8	21	0	0	0	0	
2007	0	1	1	0	113	113	0	0	0	570	13	8	21	0	0	0	0	
2008	0	1	1	0	113	113	0	0	0	570	13	8	22	0	0	0	0	
2009	0	1	1	0	113	113	0	0	0	570	13	9	22	0	0	0	0	
2010	0	2	2	0	113	113	0	0	0	570	14	9	22	0	0	0	0	
2011	0	2	2	0	113	113	0	0	0	570	15	9	23	0	0	0	0	
2012	0	2	2	0	113	113	0	0	0	570	15	9	24	0	0	0	0	
2013	0	2	2	0	113	113	0	0	0	570	15	9	24	0	0	0	0	
2014	0	2	2	0	113	113	0	0	0	570	16	9	25	0	0	0	0	
2015	0	2	2	0	113	113	0	0	0	570	16	9	25	0	0	0	0	
2016	0	2	2	0	113	113	0	0	0	570	17	9	26	0	0	0	0	
2017	0	2	2	0	113	113	0	0	0	570	17	9	26	0	0	0	0	
2018	0	2	2	0	113	113	0	0	0	570	18	9	27	0	0	0	0	
2019	0	2	2	0	113	113	0	0	0	570	18	9	28	0	0	0	0	
2020	0	2	2	0	113	113	0	0	0	570	19	10	28	0	0	0	0	
2021	0	2	2	0	113	113	0	0	0	570	20	10	29	0	0	0	0	
2022	0	2	2	0	113	113	0	0	0	570	20	10	30	0	0	0	0	
2023	0	2	2	0	113	113	0	0	0	570	21	10	30	0	0	0	0	
2024	0	2	2	0	113	113	0	0	0	570	21	10	31	0	0	0	0	
2025	0	2	2	0	113	113	0	0	0	570	22	10	32	0	0	0	0	
2026	0	2	2	0	113	113	0	0	0	570	22	10	33	0	0	0	0	
2027	0	2	2	0	113	113	0	0	0	570	23	10	33	0	0	0	0	
2028	0	2	2	0	113	113	0	0	0	570	24	10	34	0	0	0	0	
2029	0	2	2	0	113	113	0	0	0	570	24	10	35	0	0	0	0	
	2	50	52	0	3,331	3,331	10	0	10	16,815	496	268	764	0	0	0	0	
	2	15	17	0	1,158	1,158	10	0	10		147	88	235		0	0	0	

\* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

TOTAL RESOURCE COST TESTS  
 PROGRAM: Industrial Load Management

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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)	
2000	0	2	10	0	12	0	0	8	0	8	(4)	(4)	
2001	0	1	0	0	1	0	0	16	0	16	15	10	
2002	0	1	0	0	1	0	0	14	0	14	13	20	
2003	0	1	0	0	1	198	0	14	0	211	210	181	
2004	0	1	0	0	1	193	0	13	0	206	205	323	
2005	0	1	0	0	1	187	0	14	0	201	200	450	
2006	0	1	0	0	1	182	0	15	0	196	195	563	
2007	0	1	0	0	1	177	0	16	0	193	191	664	
2008	0	1	0	0	1	173	0	16	0	189	187	755	
2009	0	1	0	0	1	168	0	17	0	185	184	836	
2010	0	2	0	0	2	164	0	18	0	182	181	909	
2011	0	2	0	0	2	161	0	18	0	179	177	974	
2012	0	2	0	0	2	157	0	20	0	177	175	1,033	
2013	0	2	0	0	2	153	0	21	0	173	172	1,085	
2014	0	2	0	0	2	149	0	21	0	170	169	1,133	
2015	0	2	0	0	2	145	0	22	0	167	166	1,175	
2016	0	2	0	0	2	142	0	23	0	165	163	1,213	
2017	0	2	0	0	2	138	0	24	0	162	160	1,247	
2018	0	2	0	0	2	135	0	25	0	160	159	1,278	
2019	0	2	0	0	2	134	0	26	0	160	158	1,307	
2020	0	2	0	0	2	134	0	27	0	161	159	1,332	
2021	0	2	0	0	2	133	0	29	0	162	160	1,356	
2022	0	2	0	0	2	133	0	30	0	163	161	1,378	
2023	0	2	0	0	2	133	0	30	0	163	161	1,398	
2024	0	2	0	0	2	133	0	31	0	164	162	1,416	
2025	0	2	0	0	2	133	0	32	0	165	163	1,433	
2026	0	2	0	0	2	133	0	33	0	166	164	1,448	
2027	0	2	0	0	2	133	0	35	0	168	165	1,463	
2028	0	2	0	0	2	133	0	36	0	169	167	1,476	
2029	0	2	0	0	2	133	0	36	0	170	168	1,488	
NOMINAL	0	52	10	0	62	4,086	0	680	0	4,766	4,704		
NPV:	0	17	10	0	27	1,326	0	188	0	1,514	1,488		
Discount Rate		9.51%	Benefit/Cost Ratio - [col (11)/col (6)]:					56.6					

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PARTICIPANT COSTS AND BENEFITS  
PROGRAM: Industrial Load Management

(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)
2000	10	0	56	0	67	10	0	0	10	57	57
2001	20	0	113	0	133	0	0	0	0	133	179
2002	20	0	113	0	133	0	0	0	0	133	289
2003	21	0	113	0	134	0	0	0	0	134	391
2004	21	0	113	0	134	0	0	0	0	134	484
2005	20	0	113	0	133	0	0	0	0	133	569
2006	21	0	113	0	134	0	0	0	0	134	646
2007	21	0	113	0	134	0	0	0	0	134	717
2008	22	0	113	0	134	0	0	0	0	134	782
2009	22	0	113	0	135	0	0	0	0	135	842
2010	22	0	113	0	135	0	0	0	0	135	896
2011	23	0	113	0	136	0	0	0	0	136	947
2012	24	0	113	0	137	0	0	0	0	137	992
2013	24	0	113	0	137	0	0	0	0	137	1,035
2014	25	0	113	0	137	0	0	0	0	137	1,073
2015	25	0	113	0	138	0	0	0	0	138	1,108
2016	26	0	113	0	139	0	0	0	0	139	1,141
2017	26	0	113	0	139	0	0	0	0	139	1,171
2018	27	0	113	0	140	0	0	0	0	140	1,198
2019	28	0	113	0	141	0	0	0	0	141	1,223
2020	28	0	113	0	141	0	0	0	0	141	1,246
2021	29	0	113	0	142	0	0	0	0	142	1,267
2022	30	0	113	0	143	0	0	0	0	143	1,286
2023	30	0	113	0	143	0	0	0	0	143	1,304
2024	31	0	113	0	144	0	0	0	0	144	1,320
2025	32	0	113	0	145	0	0	0	0	145	1,335
2026	33	0	113	0	145	0	0	0	0	145	1,349
2027	33	0	113	0	146	0	0	0	0	146	1,361
2028	34	0	113	0	147	0	0	0	0	147	1,373
2029	35	0	113	0	147	0	0	0	0	147	1,384
NOMINAL	764	0	3,331	0	4,094	10	0	0	10	4,084	
NPV:	235	0	1,158	0	1,394	10	0	0	10	1,384	

In service year of gen unit: 2003  
Discount rate: 9.51%

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RATE IMPACT TEST  
PROGRAM: Industrial Load Management

(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)
2000	0	2	56	4	0	62	8	0	0	0	8	(54)	(54)
2001	0	1	113	8	0	122	16	0	0	0	16	(106)	(151)
2002	0	1	113	8	0	122	14	0	0	0	14	(108)	(241)
2003	0	1	113	8	0	122	211	0	0	0	211	89	(173)
2004	0	1	113	8	0	122	206	0	0	0	206	84	(115)
2005	0	1	113	8	0	122	201	0	0	0	201	79	(65)
2006	0	1	113	8	0	123	196	0	0	0	196	74	(22)
2007	0	1	113	8	0	123	193	0	0	0	193	70	15
2008	0	1	113	8	0	123	189	0	0	0	189	66	47
2009	0	1	113	9	0	123	185	0	0	0	185	62	74
2010	0	2	113	9	0	123	182	0	0	0	182	59	98
2011	0	2	113	9	0	123	179	0	0	0	179	56	119
2012	0	2	113	9	0	123	177	0	0	0	177	53	137
2013	0	2	113	9	0	123	173	0	0	0	173	50	152
2014	0	2	113	9	0	124	170	0	0	0	170	47	165
2015	0	2	113	9	0	124	167	0	0	0	167	44	176
2016	0	2	113	9	0	124	165	0	0	0	165	41	188
2017	0	2	113	9	0	124	162	0	0	0	162	38	194
2018	0	2	113	9	0	124	160	0	0	0	160	36	201
2019	0	2	113	9	0	124	160	0	0	0	160	36	208
2020	0	2	113	10	0	124	161	0	0	0	161	37	213
2021	0	2	113	10	0	124	162	0	0	0	162	37	219
2022	0	2	113	10	0	125	163	0	0	0	163	38	224
2023	0	2	113	10	0	125	163	0	0	0	163	38	229
2024	0	2	113	10	0	125	164	0	0	0	164	39	233
2025	0	2	113	10	0	125	165	0	0	0	165	40	237
2026	0	2	113	10	0	125	166	0	0	0	166	41	241
2027	0	2	113	10	0	125	168	0	0	0	168	42	245
2028	0	2	113	10	0	125	169	0	0	0	169	43	248
2029	0	2	113	10	0	126	170	0	0	0	170	44	251
NOMINAL	0	52	3,331	268	0	3,650	4,766	0	0	0	4,766	1,115	
NPV:	0	17	1,158	88	0	1,263	1,514	0	0	0	1,514	251	
Discount rate:				9.51%		Benefit/Cost Ratio - [col (12)/col (7)]:			1.2				

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(HTB-2)