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ORIGINAL

January 13, 1998

HAND DELIVERED

Ms. Blanca S. Bayo, Director  
Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-(850)

Re: Conservation Cost Recovery Clause  
FPSC Docket No. 980002-EG

Dear Ms. Bayo:

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

1. Petition of Tampa Electric Company.
2. Prepared Direct Testimony of Howard T. Bryant and Exhibit (HTB-2) entitled Schedules Supporting Conservation Costs, Projected, April 1, 1998 - March 31, 1999.

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

Thank you for your assistance in connection with this matter.

Sincerely,

  
James D. Beasley

ACK \_\_\_\_\_  
AFA \_\_\_\_\_  
APP \_\_\_\_\_  
CAF \_\_\_\_\_  
CMB \_\_\_\_\_  
CTR \_\_\_\_\_  
ENG \_\_\_\_\_  
ESL \_\_\_\_\_  
LIV \_\_\_\_\_  
GFC \_\_\_\_\_  
RJR \_\_\_\_\_  
JDB \_\_\_\_\_  
WAS \_\_\_\_\_  
OTH \_\_\_\_\_

JDB/pp  
Enclosures

cc: All Parties of Record (w/encls.)

DOCUMENT NUMBER-DATE  
00674 JAN 13 98  
FPSC-RECORDS/REPORTING

DOCUMENT NUMBER-DATE  
00675 JAN 13 98  
FPSC-RECORDS/REPORTING

ORIGINAL

DOCKET NO. 980002-EG  
TAMPA ELECTRIC COMPANY  
SUBMITTED FOR FILING 1/13/98  
(PROJECTION)

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BEFORE THE 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 October 1, 1996 through and including September 30, 1997, the actual and projected period of October 1, 1997 to March 31, 1998, and the twelve month projected period of April 1, 1998 through March 31, 1999. Also, I will support the level of charges (benefits) for the interruptible Customers allocated to the period April 1, 1998 through March 31, 1999. 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.

DOCUMENT NUMBER-DATE

00675 JAN 13 98

FPSC-RECORDS/REPORTING

1 Q. What is the basis of this request for expenses to be based  
2 on different charges for interruptible and firm Customers?

3  
4 A. Tampa Electric Company believes that our conservation and  
5 load management programs do not accrue capacity benefits to  
6 interruptible Customers. This position has been supported  
7 by this Commission in Dockets 900002-EG through 970002-EG.  
8 The Company estimates the cumulative effects of its  
9 conservation and load management programs will allow the  
10 interruptible Customers to have lower fuel costs  
11 (\$0.11/MWH) due to the reductions in marginal fuel costs.

12  
13 Q. How were those benefits calculated?

14  
15 A. To determine fuel savings effects, we have calculated a  
16 "what if there had been no conservation programs." The  
17 results indicate that the avoided gigawatt-hours have  
18 actually reduced average fuel costs due to the fact that  
19 higher priced marginal fuels would be burned if the  
20 gigawatt-hours had not been saved.

21  
22 The attached analysis, Exhibit No. (HTB-2), Conservation  
23 Costs Projected, portrays costs and benefits.

24  
25 Q. Doesn't charging different amounts for firm and

- 1 interruptible Customers conflict with the Florida Energy  
2 Efficiency and Conservation Act?  
3
- 4 A. No. The act requires the utilities, through the guidance  
5 of the Florida Public Service Commission, to cost  
6 effectively reduce peak demand, energy consumption and the  
7 use of scarce resources, particularly petroleum fuels. It  
8 does not require all Customers to pay the utilities'  
9 conservation costs no matter if they receive the same level  
10 of benefits or not. The relationships between costs and  
11 benefits received are specifically the determination of the  
12 Commission.  
13
- 14 Q. Please describe the conservation program costs projected by  
15 Tampa Electric Company during the period October 1, 1996  
16 through September 30, 1997.  
17
- 18 A. For the period October 1, 1996 through September 30, 1997  
19 Tampa Electric Company projected conservation program costs  
20 to be \$19,130.114. The Commission authorized collections  
21 to recover these expenses in Docket No. 960002-EG, Order  
22 No. PSC-96-0352-FOF-EG, issued March 12, 1996 and Docket  
23 No. 970002-EG, Order No. PSC-97-0291-FOF-EG, issued March  
24 14, 1997.  
25

- 1 Q. Mr. Bryant, for the period October 1, 1996 through  
2 September 30, 1997, what were Tampa Electric's conservation  
3 costs and what was recovered through the Conservation Cost  
4 Recovery Clause?  
5
- 6 A. For the period October 1, 1996 through September 30, 1997  
7 Tampa Electric Company incurred actual net conservation  
8 costs of \$18,970,247, plus a beginning true-up over  
9 recovery of \$834,801 for a total of \$18,135,446. The  
10 amount collected in the Conservation Cost Recovery Clause  
11 was \$19,191,594.  
12
- 13 Q. What was the true-up amount?  
14
- 15 A. The true-up amount for the period October 1, 1996 through  
16 September 30, 1997 was an over recovery of \$1,067,112.  
17 These calculations are detailed in Exhibit No. (HTB-1),  
18 Conservation Cost Recovery True Up, Pages 1 through 10.  
19
- 20 Q. Please describe the conservation program costs incurred and  
21 projected to be incurred by Tampa Electric Company during  
22 the period October 1, 1997 through March 31, 1998.  
23
- 24 A. The actual costs incurred by Tampa Electric Company through  
25 November 30, 1997 and estimated for December 1, 1997

1 through March 31, 1998 are \$10,250,032.

2

3 For the period, Tampa Electric anticipates an under  
4 recovery in the conservation cost recovery of \$84,452 which  
5 includes the previous period true-up and interest. A  
6 summary of these costs and estimates are fully detailed in  
7 Exhibit No. (HTB-2), Conservation Costs Projected, Pages 1  
8 through 31.

9

10 Q. Mr. Bryant, for the period April 1, 1998 through and  
11 including March 31, 1999, what are Tampa Electric's  
12 estimates of its conservation costs and cost recovery  
13 factor?

14

15 A. The company has estimated that the total conservation costs  
16 (less program revenues) during that period will be  
17 \$20,929,555 plus true-up. Including true-up estimates and  
18 the interruptible sales contribution at 0.011 cents/KWH,  
19 the cost recovery factors for firm retail rate classes will  
20 be 0.165 cents/KWH for Residential, 0.161 cents/KWH for  
21 General Service Non-Demand and Temporary Service (GS, TS),  
22 0.135 cents/KWH for General Service Demand and Electric  
23 Vehicle-Experimental (GSD, EV-X)-Secondary, 0.133 cents/KWH  
24 for General Service Demand and Electric Vehicle-  
25 Experimental (GSD, EV-X)-Primary, 0.125 cents/KWH for

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 980002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)  
SUBMITTED FOR FILING 1/13/98

TAMPA ELECTRIC COMPANY  
SCHEDULES SUPPORTING  
CONSERVATION COSTS  
PROJECTED  
APRIL 1, 1998 - MARCH 31, 1999

CONSERVATION COSTS  
PROJECTED

INDEX

SCHEDULE	TITLE	PAGE
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**Fuel Cost Impact of Conservation and Load Management Programs  
On Interruptible Customers  
April 1, 1998 through March 31, 1999**

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)
April	19,276	1,225.4	15.73	19,607	1,239.0	15.82	331	14	0.09
May	24,144	1,488.0	16.23	24,662	1,506.3	16.37	518	18	0.15
June	25,745	1,584.9	16.24	26,295	1,604.1	16.39	550	19	0.15
July	27,662	1,652.2	16.74	28,330	1,673.8	16.93	668	22	0.18
August	27,585	1,664.8	16.57	28,259	1,687.4	16.75	674	23	0.18
September	25,030	1,560.1	16.04	25,532	1,579.6	16.16	501	19	0.12
October	20,714	1,368.4	15.14	21,027	1,383.1	15.20	313	15	0.07
November	19,012	1,260.1	15.09	19,423	1,280.9	15.16	412	21	0.08
December	19,281	1,248.3	15.45	19,867	1,282.0	15.50	586	34	0.05
January	21,492	1,309.6	16.41	22,301	1,350.6	16.51	808	41	0.10
February	19,921	1,186.6	16.79	20,609	1,225.0	16.82	689	38	0.04
March	21,185	1,249.3	16.96	21,709	1,271.9	17.07	524	23	0.11
<b>Period</b>									
April 1998 - March 1999	271,048	16,798	16.14	277,621	17,084	16.25	6,573	286	0.11

1

TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 APRIL 1998 THROUGH MARCH 1999

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (kWh)	(3) Projected AVG 12 CP at Meter (kW)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (kWh)	(7) Projected AVG 12 CP at Generation (kW)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 1/13 Allocation Factor (%)
RS	53.58%	6,895,332	1469	1.06511	1.05952	7,305,742	1,566	49.48%	57.57%	56.94%
GS,TS	55.78%	931,132	191	1.06589	1.05952	986,553	204	6.68%	7.50%	7.44%
GSD	74.11%	4,225,995	651	1.06460	1.05839	4,472,751	693	30.29%	25.48%	25.85%
GSLD,SBF	82.90%	1,763,381	243	1.04821	1.04205	1,837,531	255	12.44%	9.38%	9.62%
SL/OL	819.04%	155,053	2	1.05556	1.05952	164,282	2	1.11%	0.07%	0.15%
TOTAL		13,970,893	2,556			14,766,859	2,720	100.00%	100.00%	100.00%

- (1) AVG 12 CP load factor based on actual 1995 calendar data.  
 (2) Projected kwh sales for the period April 1998 through March 1999.  
 (3) Calculated: Col (2) / (8760 x Col (1)). 8760 hours = hours in twelve months  
 (4) Based on 1995 demand losses.  
 (5) Based on 1995 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 April 1998 through March 1999

- 1. Total Incremental Cost (C-2, Page 1, Line 16) 20,929,555
- 2. Demand Related Incremental Costs 13,829,595
- 3. Energy Related Incremental Costs 7,099,960
- 4. Interruptible Sales (@\$0.11 per MWH) (200,286)
- 5. Net Energy Related Incremental Costs (Line 3 - Line 4) 6,899,674

RETAIL BY RATE CLASS

	RS	GS,TS	GSD,EV,X	GSLD,SBE	SL,OL	Total
6. Demand Allocation Percentage	56.94%	7.44%	25.85%	9.62%	0.15%	100.00%
7. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	7,874,571	1,028,922	3,574,950	1,330,407	20,744	13,829,594
8. Demand Portion of End of Period True Up (O)U Recovery Shown on Schedule C-3, Pg 5, Line 11 (Allocation of D & E is based on the forecast period cost.)	31,774	4,152	14,425	5,368	84	55,803
9. Total Demand Related Incremental Costs	7,906,345	1,033,074	3,589,375	1,335,775	20,828	13,885,397
10. Net Energy Related Incremental Costs	3,413,959	460,898	2,089,911	858,319	76,586	6,899,673
11. Energy Portion of End of Period True Up (O)U Recovery Shown on Schedule C-3, Pg 5, Line 11 (Allocation of D & E is based on the forecast period cost.)	14,176	1,914	8,678	3,564	317	20,649
12. Total Net Energy Related Incremental Costs	3,428,135	462,812	2,098,589	861,883	76,903	6,928,322
13. Total Incremental Costs (Line 7 + 10)	11,288,530	1,489,820	5,664,861	2,188,726	97,330	20,729,267
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.)	45,950	6,066	23,103	8,932	401	84,452
15. Total (Line 13 + 14)	11,334,480	1,495,886	5,687,964	2,197,658	97,731	20,813,719
16. Firm Retail MWH Sales	6,895,332	931,132	4,225,995	1,763,381	155,053	13,970,893
17. Cost per KWH - Demand (Line 9/Line 16)	0.1147	0.1110	.	.	.	0.0134
18. Cost per KWH - Energy (Line 12/Line 16)	0.0497	0.0497	.	.	.	0.0496
19. Cost per KWH - Demand & Energy (Line 17 + Line 16)	0.16438	0.16065	.	.	.	0.063
20. Revenue Tax Expansion Factor	1.00083	1.00083	.	.	.	1.00083
21. Adjustment Factor Adjusted for Taxes	0.1545	0.1508	.	.	.	0.0631
22. Conservation Adjustment Factor (cents/KWH) - Secondary - Primary - Subtransmission	0.165	0.161	0.135	0.125	0.063	0.125 0.124 0.123

(ROUNDED TO NEAREST .001 PER KWH)  
• See attached Schedule C-1, page 2 of 2

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

	<u>GSD, EV-X</u>	<u>GSLD, SBF</u>
Line 15 Total (Projected Costs & T/U) (Schedule C-1, pg 1, Line 15)		
-Secondary	5,499,807	1,064,624
- Primary	188,157	1,132,922
- Subtransmission	**	112
- Total	5,687,964	2,197,658
Total Firm MWH Sales (Schedule C-1, pg 1, Line 16)		
-Secondary	4,084,835	849,819
- Primary	141,160	913,471
- Subtransmission	**	91
- Total	4,225,995	1,763,381
Cost per KWH - Demand & Energy		
-Secondary	0.13464	0.12528
- Primary	0.13329	0.12402
- Subtransmission	**	0.12308
Revenue Tax Expansion Factor	1.00083	1.00083
Adjustment Factor Adjusted for Taxes		
-Secondary	0.13475	0.12538
- Primary	0.13340	0.12413
- Subtransmission	**	0.12318
Conservation Adjustment Factor (cents/KWH)		
-Secondary	<u>0.135</u>	<u>0.125</u>
- Primary	<u>0.133</u>	<u>0.124</u>
- Subtransmission	**	<u>0.123</u>

Note: Customers in the GSD and EV-X rate classes are only served at Primary and Secondary distribution levels.

The calculation for interruptible classes did not change the factor from the original (\$0.11 per MWH).

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months April 1998 through March 1999

ESTIMATED

Program Name	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1. Heating and Cooling (E)	287,561	336,101	421,821	293,691	276,366	276,366	276,336	276,336	254,328	201,021	211,978	204,571	3,316,476
2. Prime Time (D)	1,174,678	1,146,215	982,456	981,188	991,169	994,245	1,000,484	1,003,874	990,476	1,158,393	1,176,575	1,226,017	12,825,770
3. Energy Audits (E)	105,225	105,256	105,225	105,256	105,256	105,256	105,225	98,940	98,975	100,239	100,143	100,239	1,235,235
4. Cogeneration (E)	31,188	31,188	31,188	31,188	31,188	31,188	31,188	31,188	31,193	31,194	31,194	31,194	374,279
5. Ceiling Insulation (E)	25,304	26,217	25,004	25,017	25,017	25,004	25,017	25,004	25,017	25,002	25,030	25,068	301,781
6. C & I Load Mngt (D)	5,819	5,812	5,735	5,660	5,644	5,628	5,633	5,608	5,623	5,737	5,743	5,751	68,393
7. Commercial Lighting (E)	29,458	31,798	29,458	29,458	31,138	29,458	29,458	29,458	29,458	29,468	29,468	29,468	357,548
8. Standby Generator (D)	55,350	55,850	55,350	55,350	55,350	55,350	55,350	55,350	55,374	56,879	56,879	56,879	669,311
9. Conservation Value (E)	1,456	1,756	5,206	1,456	1,456	5,206	1,456	1,456	5,206	1,463	1,463	5,213	32,793
10. Duct Repair (E)	99,529	99,529	99,529	99,529	99,529	99,529	99,729	99,229	99,614	101,609	101,609	101,995	1,200,959
11. Builder Awareness (E)	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,236	1,246	1,246	1,246	14,774
12. DSM Commercial R&D (D&E) <small>(50% D, 50% E)</small>	7,554	7,554	7,554	7,554	7,554	7,554	7,554	7,554	7,554	7,627	7,627	7,627	90,867
13. Natural Gas R&D (D&E) <small>(50% D, 50% E)</small>	9,763	9,763	9,763	9,763	9,763	9,763	9,763	9,763	9,763	9,830	9,830	9,830	117,357
14. Common Expenses (D&E) <small>(50% D, 50% E)</small>	26,999	26,999	26,999	26,999	26,999	26,999	26,999	26,999	27,004	27,006	27,006	27,006	324,014
15. Total	1,861,109	1,885,263	1,806,513	1,673,334	1,667,654	1,672,771	1,675,417	1,671,984	1,640,821	1,756,794	1,785,791	1,832,104	20,929,555
16. Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
17. Recoverable Conserv. Expense	1,861,109	1,885,263	1,806,513	1,673,334	1,667,654	1,672,771	1,675,417	1,671,984	1,640,821	1,756,794	1,785,791	1,832,104	20,929,555
Summary of Demand & Energy													
Energy	603,104	655,228	740,814	608,978	593,333	595,390	591,792	584,994	567,187	513,553	524,362	521,225	7,099,960
Demand	1,258,005	1,230,035	1,065,699	1,064,356	1,074,321	1,077,381	1,083,625	1,086,990	1,073,634	1,243,241	1,261,429	1,310,879	13,829,595
Total Recoverable Conserv. Expense	1,861,109	1,885,263	1,806,513	1,673,334	1,667,654	1,672,771	1,675,417	1,671,984	1,640,821	1,756,794	1,785,791	1,832,104	20,929,555

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EXHIBIT NO. 980002-EG  
DOCKET NO. 980002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)  
SCHEDULE C-2  
PAGE 1 of 4

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months April 1998 through March 1999

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	86,386	606	1,209	322,980	2,901,995	3,300	0	0	3,316,476
2. Prime Time (D)	1,192,795	968,148	289,151	131,981	14,508	10,140,027	68,141	21,019	0	12,825,770
3. Energy Audits (E)	0	765,241	7,054	362,361	29,016	0	61,963	9,600	0	1,235,235
4. Cogeneration (E)	0	371,736	0	0	0	0	2,543	0	0	374,279
5. Ceiling Insulation (E)	0	52,316	0	2,538	1,200	240,600	5,127	0	0	301,781
6. C & I Load Mngt (D)	3,512	19,068	1,200	1,200	0	41,313	2,100	0	0	68,393
7. Commerical Lighting (E)	0	51,105	0	600	1,500	300,000	2,421	1,920	0	357,546
8. Standby Generator (D)	0	48,244	6,000	9,000	500	604,500	1,067	0	0	669,311
9. Conservation Value (E)	0	2,373	0	0	300	30,000	120	0	0	32,793
10. Duct Repair (E)	0	226,848	12,000	149,350	62,868	725,400	23,284	1,209	0	1,200,959
11. Builder Awareness (E)	0	8,291	0	0	0	0	483	6,000	0	14,774
12. DSM Commercial R&D (D&E) (50% D, 50% E)	0	29,667	0	60,000	0	0	1,200	0	0	90,867
13. Natural Gas R&D (D&E) (50% D, 50% E)	0	23,733	3,024	90,000	0	0	600	0	0	117,357
14. Common Expenses (D&E) (50% D, 50% E)	0	321,084	0	0	0	0	2,930	0	0	324,014
15. Total All Programs	1,196,307	2,974,240	319,035	808,239	432,872	14,983,835	175,279	39,748	0	20,929,555
Summary of Demand & Energy										
Energy	0	1,751,538	21,172	591,058	417,864	4,197,995	101,606	18,729	0	7,099,902
Demand	1,196,307	1,222,702	297,863	217,181	15,008	10,785,840	73,673	21,019	0	13,829,593
Total All Programs	1,196,307	2,974,240	319,035	808,239	432,872	14,983,835	175,279	39,748	0	20,929,555

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return

Estimated for Months April 1998 through March 1999

PRIME TIME

	Beginning of Period	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1. Investment		80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	960,000
2. Retirements		85,559	79,903	104,842	79,993	117,545	92,013	88,255	103,356	183,495	74,182	93,602	90,215	1,192,960
3. Depreciation Base		4,723,790	4,723,887	4,699,045	4,699,052	4,661,507	4,649,494	4,641,239	4,617,883	4,514,388	4,520,206	4,506,604	4,498,389	
4. Depreciation Expense		78,776	78,731	78,524	78,317	78,005	77,592	77,423	77,159	76,102	75,288	75,223	75,025	926,165
5. Cumulative Investment	4,729,349	4,723,790	4,723,887	4,699,045	4,699,052	4,661,507	4,649,494	4,641,239	4,617,883	4,514,388	4,520,206	4,506,604	4,498,389	4,498,389
6. Less: Accumulated Depreciation	2,447,911	2,441,128	2,439,956	2,413,638	2,411,962	2,372,422	2,358,001	2,347,169	2,320,972	2,213,579	2,214,685	2,196,306	2,181,116	2,181,116
7. Net Investment	2,281,438	2,282,662	2,283,931	2,285,407	2,287,090	2,289,085	2,291,493	2,294,070	2,296,911	2,300,809	2,305,521	2,310,298	2,315,273	2,315,273
8. Average Investment		2,282,050	2,283,297	2,284,669	2,286,249	2,288,088	2,290,289	2,292,782	2,295,491	2,298,860	2,303,165	2,307,910	2,312,786	
9. Return on Average Investment		13,578	13,586	13,594	13,603	13,614	13,627	13,642	13,658	13,678	13,704	13,732	13,761	163,777
10. Return Requirements		22,105	22,118	22,131	22,146	22,164	22,185	22,209	22,235	22,268	22,310	22,356	22,403	266,630
11. Total Depreciation and Return		100,881	100,849	100,655	100,463	100,169	99,777	99,632	99,394	98,370	97,998	97,579	97,428	1,192,795

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 April 1998 through March 1999

C & I LOAD MANAGEMENT

	Beginning of Period	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1. Investment		350	350	350	350	350	350	350	350	350	350	350	350	4,200
2. Retirements		1,453	171	9,694	0	2,784	91	0	3,997	0	85	0	0	18,275
3. Depreciation Base		24,197	24,376	15,032	15,382	12,948	13,207	13,557	9,910	10,260	10,525	10,875	11,225	
4. Depreciation Expense		412	405	328	253	236	218	223	196	188	173	178	184	2,974
5. Cumulative Investment	25,300	24,197	24,376	15,032	15,382	12,948	13,207	13,557	9,910	10,260	10,525	10,875	11,225	11,225
6. Less: Accumulated Depreciation	21,003	19,962	20,196	10,830	11,083	8,535	8,662	8,885	8,084	5,252	5,340	5,518	5,702	5,702
7. Net Investment	4,297	4,235	4,180	4,202	4,299	4,413	4,545	4,672	4,826	5,008	5,185	5,357	5,523	5,523
8. Average Investment		4,266	4,208	4,191	4,251	4,356	4,479	4,609	4,749	4,917	5,097	5,271	5,440	
9. Return on Average Investment		25	25	25	25	26	27	27	28	29	30	31	32	330
10. Return Requirements		41	41	41	41	42	44	44	46	47	49	50	52	538
Total Depreciation and Return		453	446	369	294	278	262	267	242	215	222	228	236	3,512

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  
Conservation Program Costs

Actual for Months October 1997 through November 1997  
Projected for Months December 1997 through March 1998

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicles	Other	Program Revenues	Total
1 Heating & Cooling										
2 Actual	0	11,184	537	4,887	64,807	447,870	1,315	196	0	530,896
3 Projected	0	32,337	150	300	91,000	721,950	1,325	0	0	847,062
4 Total	0	43,521	687	5,187	155,807	1,169,820	2,640	196	0	1,377,958
5 Prime Time										
6 Actual	175,867	123,318	20,229	16,255	12,132	1,609,731	7,499	6,264	0	1,871,295
7 Projected	404,111	307,630	78,767	40,748	6,800	3,747,773	22,283	4,143	0	4,512,235
8 Total	579,978	430,948	98,996	57,003	18,932	5,357,504	29,782	10,407	0	6,383,530
9 Energy Audits										
10 Actual	0	111,404	1,180	186,841	12,292	0	8,029	53	0	319,799
11 Projected	0	248,538	1,849	78,989	8,670	0	20,394	2,450	0	361,870
12 Total	0	359,962	3,129	265,840	21,962	0	28,423	2,453	0	681,769
13 Cogeneration										
14 Actual	0	46,639	0	0	0	0	1,688	68	0	48,327
15 Projected	0	121,056	0	0	0	0	1,577	68	0	122,701
16 Total	0	167,695	0	0	0	0	3,265	68	0	171,028
17 Ceiling Insulation										
18 Actual	0	8,722	0	0	0	87,875	621	0	0	77,318
19 Projected	0	18,229	0	595	0	80,150	1,980	0	0	86,509
20 Total	0	24,940	0	595	0	148,125	2,201	0	0	173,827
21 C & I Load Management										
22 Actual	601	1,345	0	0	0	4,847	434	0	0	7,227
23 Projected	1,884	5,878	375	400	0	11,751	615	0	0	21,004
24 Total	2,485	7,324	375	400	0	16,598	1,049	0	0	28,231
25 Commercial Lighting										
26 Actual	0	4,330	0	0	0	54,128	341	0	0	58,799
27 Projected	0	15,261	0	0	100	80,000	805	0	0	106,196
28 Total	0	19,591	0	0	100	144,128	1,146	0	0	164,995
29 Standby Generator										
30 Actual	0	4,021	0	0	0	105,126	293	0	0	109,440
31 Projected	0	13,758	2,000	2,750	0	197,000	378	0	0	213,884
32 Total	0	17,779	2,000	2,750	0	302,126	669	0	0	323,324
33 Conservation Value										
34 Actual	0	818	0	0	0	8,000	40	0	0	8,958
35 Projected	0	818	0	0	0	8,000	40	0	0	9,156
36 Total	0	1,636	0	0	0	16,000	80	0	0	18,114
37 Duct Repair										
38 Actual	0	20,638	11	0	0	85,075	1,251	0	0	106,975
39 Projected	0	64,230	7,000	48,175	17,000	35,000	6,879	300	0	209,584
40 Total	0	84,868	7,011	48,175	17,000	340,075	8,130	300	0	506,559
41 Builder Awareness										
42 Actual	0	0	0	0	0	0	32	400	0	432
43 Projected	0	2,382	0	0	0	0	170	2,500	0	3,052
44 Total	0	2,382	0	0	0	0	202	2,900	0	5,484
45 DSM Commercial R&D										
46 Actual	0	38	826	8,670	0	0	107	0	0	9,641
47 Projected	0	8,671	500	17,000	0	0	349	0	0	21,520
48 Total	0	8,709	1,326	25,670	0	0	456	0	0	31,161
49 Natural Gas R&D										
50 Actual	0	77	0	0	0	0	37	0	0	114
51 Projected	0	6,216	950	28,500	0	0	199	0	0	35,865
52 Total	0	6,293	950	28,500	0	0	236	0	0	35,979
53 Common Expenses										
54 Actual	0	34,844	0	0	0	0	532	0	0	35,376
55 Projected	0	110,760	0	540	0	0	863	0	0	112,163
56 Total	0	145,604	0	540	0	0	1,395	0	0	147,353
57 Total All Programs	582,683	1,320,260	114,474	435,640	213,801	7,487,378	78,614	18,324	0	10,250,032

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months October 1997 through November 1997  
Projected for Months December 1997 through March 1998

PRIME TIME

	Beginning of Period	October	November	December	January	February	March	Total
1. Investment		56,880	67,160	80,000	80,000	80,000	80,000	444,040
2. Retirements		65,630	65,500	66,049	75,000	82,399	91,079	415,657
3. Depreciation Base		4,144,035	4,723,876	4,737,827	4,742,827	4,740,428	4,729,349	
4. Depreciation Expense		69,140	69,081	78,848	79,005	79,027	78,915	454,016
5. Cumulative Investment	4,152,785	4,144,035	4,723,876	4,737,827	4,742,827	4,740,428	4,729,349	4,729,349
6. Less: Accumulated Depreciation	2,312,786	2,316,296	2,446,643	2,459,442	2,463,447	2,460,075	2,447,911	2,447,911
7. Net Investment	1,839,999	1,827,739	2,277,233	2,278,385	2,279,380	2,280,353	2,281,438	2,281,438
8. Average Investment		1,833,869	2,052,486	2,277,809	2,278,883	2,279,867	2,280,896	
9. Return on Average Investment		10,912	12,212	13,553	13,559	13,565	13,571	77,372
10. Return Requirements		17,765	19,881	22,064	22,074	22,084	22,094	125,962
11. Total Depreciation and Return		86,905	88,962	100,912	101,079	101,111	101,009	579,978

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 October 1997 through November 1997  
Projected for Months December 1997 through March 1998

C & I LOAD MANAGEMENT

	Beginning of Period	October	November	December	January	February	March	Total
1. Investment		0	0	350	350	350	350	1,400
2. Retirements		4,296	61	394	0	396	904	6,051
3. Depreciation Base		12,592	25,594	25,550	25,900	25,854	25,300	
4. Depreciation Expense		246	209	426	429	431	426	2,167
5. Cumulative Investment	16,888	12,592	25,594	25,550	25,900	25,854	25,300	25,300
6. Less: Accumulated Depreciation	8,141	4,091	20,985	21,017	21,446	21,481	21,003	21,003
7. Net Investment	8,747	8,501	4,609	4,533	4,454	4,373	4,297	4,297
8. Average Investment		8,624	6,555	4,571	4,494	4,414	4,335	
9. Return on Average Investment		51	39	27	27	26	26	196
10. Return Requirements		83	63	44	44	42	42	318
11. Total Depreciation and Return		329	272	470	473	473	468	2,485

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 October 1997 through November 1997  
Projected for Months December 1997 through March 1998

Program Name	October Actual	November Actual	December Projected	January Projected	February Projected	March Projected	Grand Total
1. Heating and Cooling	283,479	247,417	247,429	195,191	205,851	198,591	1,377,958
2. Prime Time	910,919	1,060,376	1,128,799	1,133,328	1,151,031	1,199,077	6,583,530
3. Energy Audits	260,930	58,869	65,150	98,971	98,878	98,971	681,769
4. Cogeneration	24,032	24,295	29,137	31,188	31,188	31,188	171,028
5. Ceiling Insulation	65,129	12,189	23,481	25,031	24,980	25,017	175,827
6. C & I Load Management	4,140	3,087	3,492	5,839	5,839	5,834	28,231
7. Commercial Lighting	23,312	35,487	17,792	29,458	29,458	29,458	164,965
8. Standby Generator	58,445	50,995	49,834	55,350	55,350	55,350	320,324
9. Conservation Value	0	0	1,740	1,456	1,456	5,206	9,858
10. Duct Repair	68,126	38,849	101,522	99,229	99,229	99,604	506,559
11. Builder Awareness	9	423	1,377	1,225	1,225	1,225	5,464
12. DSM Commercial R&D	9,553	88	3,858	7,554	7,554	7,554	36,161
13. Natural Gas R&D	22	92	6,576	9,763	9,763	9,763	35,979
14. Common Expenses	14,887	20,289	31,186	26,999	26,999	26,999	147,359
15. Total	1,722,983	1,552,456	1,711,373	1,720,582	1,748,801	1,793,837	10,250,032
16. Less: Included in Base Rates	0	0	0	0	0	0	0
17. Recoverable Conservation Expenses	1,722,983	1,552,456	1,711,373	1,720,582	1,748,801	1,793,837	10,250,032

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up

Actual for Months October 1997 through November 1997  
Projected for Months December 1997 through March 1998

B. CONSERVATION REVENUES	October Actual	November Actual	December Projected	January Projected	February Projected	March Projected	Grand Total
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	1,737,526	1,399,061	1,451,938	1,606,376	1,481,018	1,403,141	9,079,060
3. Total Revenues	1,737,526	1,399,061	1,451,938	1,606,376	1,481,018	1,403,141	9,079,060
4. Prior Period True-up	177,852	177,852	177,852	177,852	177,852	177,852	1,067,112
5. Conservation Revenue Applicable to Period	1,915,378	1,576,913	1,629,790	1,784,228	1,658,870	1,580,993	10,146,172
6. Conservation Expenses (C-3, Page 4, Line 14)	1,722,983	1,552,456	1,711,373	1,720,582	1,748,801	1,793,837	10,250,032
7. True-up This Period (Line 5 - Line 6)	192,395	24,457	(81,583)	63,646	(89,931)	(212,844)	(103,860)
8. Interest Provision This Period (C-3, Page 6, Line 10)	4,953	4,686	3,904	3,126	2,187	552	19,408
9. True-up & Interest Provision Beginning of Period	1,067,112	1,086,608	937,899	682,368	571,288	305,692	1,067,112
10. Prior Period True-up Collected (Refunded)	(177,852)	(177,852)	(177,852)	(177,852)	(177,852)	(177,852)	(1,067,112)
11. End of Period Total Net True-up	1,086,608	937,899	682,368	571,288	305,692	(84,452)	(84,452)

\* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	13,829,595	0.66	(55,803)
Energy	7,099,960	0.34	(28,649)
Total	20,929,555	1.00	(84,452)

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of Interest Provision

Actual for Months October 1997 through November 1997  
Projected for Months December 1997 through March 1998

C. INTEREST PROVISION	October Actual	November Actual	December Projected	January Projected	February Projected	March Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	\$1,067,112	\$1,086,608	\$937,899	\$682,368	\$571,288	\$305,692	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	1,081,655	933,213	678,464	568,162	303,505	(85,004)	
3. Total Beginning & Ending True-up	\$2,148,767	\$2,019,821	\$1,616,363	\$1,250,530	\$874,793	\$220,688	
4. Average True-up Amount (50% of Line 3)	\$1,074,384	\$1,009,911	\$808,182	\$625,265	\$437,397	\$110,344	
5. Interest Rate - First Day of Month	5.530%	5.530%	5.600%	6.000%	6.000%	6.000%	
6. Interest Rate - First Day of Next Month	5.530%	5.600%	6.000%	6.000%	6.000%	6.000%	
7. Total (Line 5 + Line 6)	11.060%	11.130%	11.600%	12.000%	12.000%	12.000%	
8. Average Interest Rate (50% of Line 7)	5.530%	5.565%	5.800%	6.000%	6.000%	6.000%	
9. Monthly Average Interest R Line 8/12)	0.461%	0.464%	0.483%	0.500%	0.500%	0.500%	
10. Interest Provision (Line 4 x Line 9)	\$4,953	\$4,686	\$3,904	\$3,126	\$2,187	\$552	\$19,408

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TAMPA ELECTRIC COMPANY  
Energy Conservation  
Calculation of Conservation Revenues

Actual for Months October 1997 through November 1997  
Projected for Months December 1997 through March 1998

(1) Months	(2) Firm MWH Sales	(3) Interruptible MWH Sales	(4) Clause Revenue Net of Revenue Taxes
October	1,323,478	154,675	1,737,526
November	1,107,834	157,072	1,399,061
December	981,460	162,692	1,451,938
January	1,080,172	151,923	1,606,376
February	996,572	149,221	1,481,018
March	952,691	152,254	1,403,141
Total	6,442,207	928,037	9,079,060

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**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** HEATING AND COOLING

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

**Program Projections:** October 1, 1997 to March 31, 1998  
1,512 units to be installed and approved.  
April 1, 1998 to March 31, 1999  
4,000 units to be installed and approved.

**Program Fiscal Expenditures:** October 1, 1997 to March 31, 1998  
Expenditures estimated for the period are \$1,377,958.  
April 1, 1998 to March 31, 1999  
Expenditures estimated for the period are \$3,316,476.

**Program Progress Summary:** Through September 30, 1997 - 134,250 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:** October 1, 1997 to March 31, 1998

78,574 Customers on this program (cumulative).

April 1, 1998 to March 31, 1999

81,574 Customers will be participating (cumulative).

**Program Fiscal Expenditures:**

October 1, 1997 to March 31, 1998

Estimated expenditures are \$6,583,530

April 1, 1998 to March 31, 1999

\$12,825,770 estimated.

**Program Progress Summary:**

77,568 Customers through September 30, 1997

Breakdown is as follows:

Water Heating	73,149
Air Conditioning	61,496
Heating	61,343
Pool Pump	14,395

**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:** October 1, 1997 to March 31, 1998

Residential - 7,606 (RCS-0; Alt-2,351;  
Mail-in-5,255)

Comm/Ind - 355 (Paid - 1; Free - 152;  
Mail-in-202)

April 1, 1998 to March 31, 1999

Residential - 17,500 (RCS-0; Alt-4,500;  
Mail-in-13,000)

Comm/Ind - 804 (Paid - 4; Free - 300;  
Mail-in-500)

**Program Fiscal**

**Expenditures:**

October 1, 1997 to March 31, 1998

Expenditures are expected to be \$681,769.

April 1, 1998 to March 31, 1999

Estimated costs are \$1,235,235.

**Program Progress**

**Summary:**

Through September 30, 1997 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	167,269
Residential Mail-in	12,621
Commercial-Ind (Fee)	223
Commercial-Ind (Free)	12,109
Commercial Mail-in	531

**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:** October 1, 1997 to March 31, 1998

Construction is complete on all current qualifying facilities, will continue communication and interaction with all present and potential cogeneration Customers.

April 1, 1998 to March 31, 1999

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

**Program Fiscal Expenditures:**

October 1, 1997 to March 31, 1998

Expenditures are estimated to be \$171,028.

April 1, 1998 to March 31, 1999

Expenditures are estimated to be \$374,279.

**Program Progress Summary:**

The projected total maximum generation by electrically interconnected cogeneration during 1998 will be approximately 580 MW and 3,760 GWH.

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:** October 1, 1997 to March 31, 1998  
Approximately 2098 units during this period.  
April 1, 1998 to March 31, 1999  
3,000 units expected for this period.

**Program Fiscal Expenditures:** October 1, 1997 to March 31, 1998  
Expenditures are estimated to be \$175,827.  
April 1, 1998 to March 31, 1999  
\$301,781 are the expected costs.

**Program Progress Summary:** Through September 30, 1997 - 24,708 installations have been certified and paid.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL/INDUSTRIAL LOAD MANAGEMENT

**Program Description:** Load Management program for  
Commercial/Industrial Customers.

**Program Projections:** October 1, 1997 to March 31, 1998

2 installations expected.

April 1, 1998 to March 31, 1999

8 installations expected.

**Program Fiscal  
Expenditures:**

October 1, 1997 to March 31, 1998

\$28,231 are expected costs.

April 1, 1998 to March 31, 1999

Expenses of \$68,393 are estimated.

**Program Progress  
Summary:**

Through September 30, 1997 - 35 C/I  
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:** October 1, 1997 to March 31, 1998  
55 Customers are expected to participate during this period.

April 1, 1998 to March 31, 1999  
125 Customers are expected to participate during this period.

**Program Fiscal Expenditures:** October 1, 1997 to March 31, 1998  
Expenditures estimated for the period are \$164,965.

April 1, 1998 to March 31, 1999  
Expenditures estimated for this period are \$357,546.

**Program Progress Summary:** Through September 30, 1997 - 563 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:** October 1, 1997 to March 31, 1998  
2 installations are expected.  
April 1, 1998 to March 31, 1999  
4 installations are expected.

**Program Fiscal Expenditures:** October 1, 1997 to March 31, 1998  
Expenditures estimated for the period are \$325,324.  
April 1, 1998 to March 31, 1999  
Expenditures estimated for the period are \$669,311.

**Program Progress Summary:** Through September 30, 1997 - 41 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:** October 1, 1997 to March 31, 1998  
1 Customer is expected to participate.  
April 1, 1998 to March 31, 1999  
4 Customers are expected to participate.

**Program Fiscal Expenditures:** October 1, 1997 to March 31, 1998  
Estimated expenses are \$9,858.  
April 1, 1998 to March 31, 1999  
Estimated expenses are \$32,793.

**Program Progress Summary:** Through September 30, 1997 - Four 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:** October 1, 1997 to March 31, 1998  
1,742 repairs to be made.  
April 1, 1998 to March 31, 1999  
4,500 repairs to be made.

**Program Fiscal Expenditures:** October 1, 1997 to March 31, 1998  
Expenditures estimated for the period are \$506,559.  
April 1, 1998 to March 31, 1999  
Expenditures estimated for the period are \$1,200,959.

**Program Progress Summary:** Through September 30, 1997 - 20,110 Customers have participated.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** BUILDER AWARENESS

**Program Description:** A three-year program designed to decrease demand and energy by improving construction techniques used on air distribution systems in new residential structures.

**Program Projections:** October 1, 1997 to March 31, 1998  
14 homes are expected to participate.  
April 1, 1998 to March 31, 1999  
60 homes are expected to participate.

**Program Fiscal Expenditures:** October 1, 1997 to March 31, 1998  
Expenses are estimated at \$5,484.  
April 1, 1998 to March 31, 1999  
Expenses are estimated at \$14,774.

**Program Progress Summary:** Through September 30, 1997 - 25 homes have qualified for participation. We are actively working with building construction and HVAC contractors in various stages of participation.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** DSM COMMERCIAL R&D

**Program Description:** A three-year program directed at R&D commercial end-use technologies not yet commercially available or insufficient data exists for measure evaluations specific to central Florida climate.

**Program Projections:** See Program Progress Summary.

**Program Fiscal Expenditures:** October 1, 1997 to March 31, 1998  
Expenditures are estimated at \$36,161.  
April 1, 1998 to March 31, 1999  
Expenditures are estimated at \$90,867.

**Program Progress Summary:** Commercial Desiccant Application - Testing in progress at an adult high school. Preliminary results indicate the unit is reducing moisture load to the school. Additional testing to be performed in the spring and early summer (1998) to observe any anomalies for the fall test data. Anticipated completion 4th quarter of 1998.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** Natural Gas R&D

**Program Description:** A three-year R&D program designed to gather data on the performance and cost-effectiveness of gas technologies for heating, cooling, dehumidification and water heating.

**Program Projections:** October 1, 1997 to March 31, 1998.  
See Program Progress Summary below.  
April 1, 1998 to March 31, 1999.  
See Program Progress Summary below.

**Program Fiscal Expenditures:** October 1, 1997 to March 31, 1998  
Expenses are estimated to be \$35,979.  
April 1, 1998 to March 31, 1999.  
Expenses are estimated to be \$117,357.

**Program Progress Summary:** Site selection and data gathering are at various stages of completion for the end-use applications listed above. Tampa Electric Company filed a detailed progress report pursuant to Docket No. 950521-EG, Order No. PSC-94-1313-FOF-EG on August 29, 1997.

**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:** October 1, 1997 to March 31, 1998  
Expenditures are estimated to be \$147,359.  
April 1, 1998 to March 31, 1999  
Expenditures are estimated at \$324,014.

**Program Progress Summary:** N/A