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January 17, 1997

HAND DELIVERED

Ms. Blanca S. Bayo, Director  
Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: Conservation Cost Recovery Clause  
FPSC Docket No. 970002-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. - *cc 653-2-221*
2. Prepared Direct Testimony of Howard T. Bryant and Exhibit (HTB-2) entitled Schedules Supporting Conservation Costs, Projected, April 1, 1997 - March 31, 1998. - *cc 653-97*

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*  
James D. Beasley

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 AFA 1  
 AFP \_\_\_\_\_  
 CME \_\_\_\_\_  
 CMH \_\_\_\_\_  
 CTR \_\_\_\_\_  
 FPC 1  
 LEG 1  
 LIR 3  
 CPT \_\_\_\_\_  
 RCH \_\_\_\_\_  
 SEC 1  
 WTR \_\_\_\_\_  
 QTR \_\_\_\_\_

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

RECEIVED & FILED

FPSC BUREAU OF RECORDS

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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, 1995 through and including September 30, 1996, the actual and projected period of October 1, 1996 to March 31, 1997, and the twelve month projected period of April 1, 1997 through March 31, 1998. Also, I will support the level of charges (benefits) for the interruptible Customers allocated to the period April 1, 1997 through March 31, 1998. 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.

ACK \_\_\_\_\_  
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APP \_\_\_\_\_  
CAF \_\_\_\_\_  
CIV \_\_\_\_\_  
CTR \_\_\_\_\_  
ENC \_\_\_\_\_  
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LIT 3+orig  
OIT \_\_\_\_\_  
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SEC 1  
VLS \_\_\_\_\_  
OTH \_\_\_\_\_

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, 910002-EG, 920002-  
8 EG, 930002-EG, 940002-EG, 950002-EG and 960002.EG. The  
9 Company estimates the cumulative effects of its  
10 conservation and load management programs will allow the  
11 interruptible Customers to have lower fuel costs  
12 (\$0.08/MWH) due to the reductions in marginal fuel costs.

13  
14 Q. How were those benefits calculated?

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

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

25

1 Q. Doesn't charging different amounts for firm and  
2 interruptible Customers conflict with the Florida Energy  
3 Efficiency and Conservation Act?  
4

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

15 Q. Please describe the conservation program costs projected by  
16 Tampa Electric Company during the period October 1, 1995  
17 through September 30, 1996.  
18

19 A. For the period October 1, 1995 through September 30, 1996  
20 Tampa Electric Company projected conservation program costs  
21 to be \$18,543,837. The Commission authorized collections  
22 to recover these expenses in Docket No. 950002-EG, Order  
23 No. PSC-95-0398-FOF-EG, issued March 23, 1995 and Docket  
24 No. 960002-EG, Order No. PSC-96-0352-FOF-EG, issued March  
25 12, 1996.

- 1 Q. Mr. Bryant, for the period October 1, 1995 through  
2 September 30, 1996, 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, 1995 through September 30, 1996  
7 Tampa Electric Company incurred actual net conservation  
8 costs of \$19,365,417, plus a beginning true-up over  
9 recovery of \$1,580,551 for a total of \$17,784,866. The  
10 amount collected in the Conservation Cost Recovery Clause  
11 was \$18,590,022.  
12
- 13 Q. What was the true-up amount?  
14
- 15 A. The true-up amount for the period October 1, 1995 through  
16 September 30, 1996 was an over recovery of \$834,801. These  
17 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, 1996 through March 31, 1997.  
23
- 24 A. The actual costs incurred by Tampa Electric Company through  
25 November 30, 1996 and estimated for December 1, 1996

1 through March 31, 1997 are \$9,939,706.

2

3 For the period, Tampa Electric anticipates an under  
4 recovery in the conservation cost recovery of \$530,498  
5 which includes the previous period true-up and interest.  
6 A summary of these costs and estimates are fully detailed  
7 in Exhibit No. (HTB-2), Conservation Costs Projected, Pages  
8 1 through 31.

9

10 Q. Mr. Bryant, for the period April 1, 1997 through and  
11 including March 31, 1998, 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 \$19,482,403 plus true-up. Including true-up estimates and  
18 the interruptible sales contribution at 0.008 cents/KWH,  
19 the cost recovery factors for firm retail rate classes will  
20 be 0.163 cents/KWH for Residential, 0.159 cents/KWH for  
21 General Service Non-Demand and Temporary Service (GS, TS),  
22 0.133 cents/KWH for General Service Demand and Electric  
23 Vehicle-Experimental (GSD, EV-X)-Secondary, 0.132 cents/KWH  
24 for General Service Demand and Electric Vehicle-  
25 Experimental (GSD, EV-X)-Primary, 0.124 cents/KWH for

1 General Service Large Demand and Firm Standby (GSLD, SBF) -  
2 Secondary, 0.123 cents/KWH for General Service Large Demand  
3 and Firm Standby (GSLD, SBF) -Primary, 0.121 cents/KWH for  
4 General Service Large Demand and Firm Standby (GSLD, SBF) -  
5 Subtransmission and 0.063 cents/KWH for Lighting (SL, OL).  
6 Exhibit No. (HTB-2), Conservation Costs Projected, pages 3  
7 through 8 contain the Commission prescribed forms which  
8 detail these estimates.

9  
10 Q. Mr. Bryant, has Tampa Electric Company compiled with the  
11 ECCR cost allocation methodology stated in Docket No.  
12 930759-EG, Order No. PSC-93-1845-EG?

13  
14 A. Yes, it has.

15  
16 Q. Does this conclude your testimony?

17  
18 A. Yes it does.

19

20

21

22

23

24

25

DOCKET NO 970002-EG  
TAMPA ELECTRIC COMPANY  
(HTB-2)  
SUBMITTED FOR FILING 1/17/97

TAMPA ELECTRIC COMPANY  
SCHEDULES SUPPORTING  
CONSERVATION COSTS  
PROJECTED  
APRIL 1, 1997 - MARCH 31, 1998

DOCKET NO 970002-EG  
00653 JAN 17 97  
FPSC-RECORDS/REPORTING



CONSERVATION COSTS  
PROJECTED

INDEX

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C-3	Program Costs - Actual and Projected	9
C-4	Calculation of Conservation Revenues	15
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**FUEL COST IMPACT OF CONSERVATION AND LOAD MANAGEMENT PROGRAMS  
ON INTERRUPTIBLE CUSTOMERS  
APRIL 1, 1997 THROUGH MARCH 31, 1998**

MONTH	FUEL COSTS W/ CONSER & LD MGT			FUEL COSTS W/O CONSER & LD MGT			FUEL BENEFITS		
	(1) (\$ 000)	(2) (GWH)	(3) (\$/MWH)	(4) (\$ 000)	(5) (GWH)	(6) (\$/MWH)	(4)-(1) (\$ 000)	(5)-(2) (GWH)	(6)-(3) (\$/MWH)
APR	17,276	1,190	14.52	17,550	1,203	14.59	274	13	0.07
MAY	21,691	1,456	14.90	22,080	1,473	14.99	389	17	0.09
JUN	23,296	1,539	15.14	23,780	1,559	15.25	484	20	0.11
JUL	24,577	1,604	15.32	25,104	1,625	15.45	527	21	0.13
AUG	24,458	1,621	15.09	24,979	1,644	15.19	521	23	0.10
SEP	22,399	1,513	14.80	22,805	1,533	14.88	406	20	0.08
OCT	19,805	1,330	14.89	20,086	1,344	14.94	281	14	0.05
NOV	17,538	1,228	14.28	17,922	1,247	14.37	384	19	0.09
DEC	17,301	1,223	14.15	17,760	1,253	14.17	459	30	0.02
JAN	18,140	1,262	14.37	18,839	1,305	14.44	699	43	0.07
FEB	16,438	1,147	14.33	17,117	1,185	14.44	679	38	0.11
MAR	17,240	1,192	14.46	17,685	1,215	14.56	445	23	0.10
PERIOD	240,159	16,305	14.73	245,707	16,586	14.81	5,548	281	0.08

TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS  
 APRIL 1997 THROUGH MARCH 1998

	(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%	6,699,138	1427	1.06611	1.05952	7,097,871	1,521	50.01%	58.10%	57.48%
GS,TS	55.78%	887,036	182	1.06589	1.05952	939,832	194	6.62%	7.41%	7.35%
GSD	74.11%	3,975,561	612	1.06460	1.05839	4,207,694	652	29.64%	24.90%	25.26%
GSLD,SBF	82.90%	1,726,337	238	1.04821	1.04205	1,798,929	249	12.67%	9.51%	9.75%
SL/OL	819.04%	142,430	2	1.05556	1.05952	150,907	2	1.06%	0.08%	0.16%
TOTAL		13,430,502	2,461			14,195,233	2,618	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 1997 through March 1998.  
 (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

DOCKET NO. 970002-EG  
 TAMPA ELECTRIC COMPANY  
 (HTB-2)

TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Summary of Cost Recovery Clause Calculation  
For Months April 1997 through March 1998

1 Total Incremental Cost (C-2, Page 1, Line 18)	19,482,403
2 Demand Related Incremental Costs	13,053,499
3 Energy Related Incremental Costs	6,428,904
4 Interruptible Sales (@\$0.08 per MWH)	(153,036)
5 Net Energy Related Incremental Costs (Line 3 - Line 4)	6,275,868

RETAIL BY RATE CLASS

	RS	GS,TS	GSD,EV-X	GSLD.SBF	SL,OL	Total
6 Demand Allocation Percentage	57.48%	7.35%	25.26%	9.75%	0.16%	100.00%
7 Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	7,503,151	959,432	3,297,314	1,272,716	20,886	13,053,499
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.)	204,308	26,125	89,785	34,656	568	355,442
9 Total Demand Related Incremental Costs	7,707,459	985,557	3,387,099	1,307,372	21,454	13,408,941
10 Net Energy Related Incremental Costs	3,138,562	415,462	1,860,167	795,152	66,524	6,275,867
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.)	87,546	11,589	51,887	22,180	1,854	175,056
12 Total Net Energy Related Incremental Costs	3,226,108	427,051	1,912,054	817,332	68,378	6,450,923
13 Total Incremental Costs (Line 7 + 10)	10,641,713	1,374,894	5,157,481	2,067,868	87,410	19,329,366
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.)	291,854	37,714	141,672	56,836	2,422	530,498
15 Total (Line 13 + 14)	10,933,567	1,412,608	5,299,153	2,124,704	89,832	19,859,864
16 Firm Retail MWH Sales	6,699,138	887,036	3,975,561	1,726,337	142,430	13,430,502
17 Cost per KWH - Demand (Line 9/Line 16)	0.1151	0.1111	*	*	0.0151	
18 Cost per KWH - Energy (Line 12/Line 16)	0.0482	0.0481	*	*	0.0480	
19 Cost per KWH - Demand & Energy (Line 17 + Line 18)	0.16321	0.15925	*	*	0.0631	
20 Revenue Tax Expansion Factor	1.00083	1.00083	*	*	1.00083	
21 Adjustment Factor Adjusted for Taxes	0.1633	0.1594	*	*	0.0631	
22 Conservation Adjustment Factor (cents/KWH) - Secondary	0.163	0.159	0.133	0.124	0.063	
- Primary			0.132	0.123		
- Subtransmission			-	0.121		

(ROUNDED TO NEAREST .001 PER KWH)

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

CAPITOL INC  
 DOCKET NO. 970002-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, EV-X</u>	<u>GSLD, SBF</u>
Line 15 Total (Projected Costs & T/U) (Schedule C-1, pg 1, Line 15)		.
-Secondary	5,104,618	1,004,304
- Primary	194,535	1,120,166
- Subtransmission	**	234
- Total	5,299,153	2,124,704
 Total Firm MWH Sales (Schedule C-1, pg 1, Line 16)		
-Secondary	3,828,196	811,680
- Primary	147,365	914,464
- Subtransmission	**	193
- Total	3,975,561	1,726,337
 Cost per KWH - Demand & Energy		
-Secondary	0.13334	0.12373
- Primary	0.13201	0.12249
- Subtransmission	**	0.12124
 Revenue Tax Expansion Factor	1.00083	1.00083
 Adjustment Factor Adjusted for Taxes		
-Secondary	0.13345	0.12383
- Primary	0.13212	0.12260
- Subtransmission	**	0.12134
 Conservation Adjustment Factor (cents/KWH)		
-Secondary	<u>0.133</u>	<u>0.124</u>
- Primary	<u>0.132</u>	<u>0.123</u>
- Subtransmission	**	<u>0.121</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 (\$0.08 per MWH).

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months April 1997 through March 1998

ESTIMATED

Program Name	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
1 Heating and Cooling (E)	247,667	247,667	247,667	247,667	247,667	247,667	247,667	247,667	247,681	247,803	247,803	247,803	2,972,426
2 Prime Time (D)	908,212	905,664	921,482	923,707	928,544	931,846	935,030	1,116,945	1,119,008	1,165,091	1,152,572	1,141,106	12,149,207
3 Energy Audits (E)	66,205	149,370	66,150	66,150	145,150	66,150	66,150	145,150	66,223	66,499	147,869	66,499	1,117,565
4 Cogeneration (E)	29,609	29,609	29,609	29,609	29,609	29,609	29,609	29,609	29,623	29,736	29,736	29,736	355,703
5 Ceiling Insulation (E)	23,534	23,534	23,534	23,534	23,534	23,534	23,534	23,534	23,540	23,555	23,555	23,555	282,477
6 C & I Load Mngt (D)	5,384	5,392	5,398	5,403	5,409	5,412	5,379	3,434	3,436	3,442	3,447	3,442	54,978
7 Commercial Lighting (E)	17,830	17,830	17,830	17,830	17,830	17,830	17,830	17,830	17,830	18,283	18,283	18,283	215,319
8 Standby Generator (D)	49,859	49,859	49,859	49,859	49,859	49,859	49,859	49,859	49,859	49,862	49,862	49,862	598,317
9 Conservation Value (E)	1,735	1,735	1,735	1,735	1,735	1,735	1,735	1,735	1,744	1,741	1,741	1,741	20,847
10 Duct Repair (E)	84,136	96,136	113,136	101,636	101,636	101,636	101,636	101,636	101,654	97,651	97,651	97,651	1,196,195
11 Builder Awareness (E)	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	1,382	16,584
12 Green Pricing Initiative (E)	66	66	66	66	66	66	66	66	66	66	66	66	792
13 DSM Commercial R&D (D&E)	3,870	3,870	3,870	3,870	3,870	3,870	3,870	3,870	3,878	3,871	3,871	3,871	46,451
14 Natural Gas R&D (D&E) <small>(50% D, 50% E)</small>	6,573	6,573	6,573	6,573	6,573	6,573	6,573	6,573	6,581	6,574	6,574	6,574	78,887
15 Common Expenses (D&E) <small>(50% D, 50% E)</small>	31,199	31,199	31,759	31,199	31,199	31,759	31,199	31,199	31,763	31,201	31,201	31,778	376,655
16 Total	1,477,261	1,569,886	1,520,050	1,510,220	1,594,063	1,518,928	1,521,519	1,780,489	1,704,268	1,746,757	1,815,613	1,723,349	19,482,403
17 Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Recoverable Conserv. Expense	1,477,261	1,569,886	1,520,050	1,510,220	1,594,063	1,518,928	1,521,519	1,780,489	1,704,268	1,746,757	1,815,613	1,723,349	19,482,403

Summary of Demand & Energy

Energy	492,985	588,150	522,210	510,430	589,430	510,710	510,430	589,430	510,854	507,539	588,909	507,827	6,428,904
Demand	984,276	981,736	997,840	999,790	1,004,633	1,008,218	1,011,089	1,191,059	1,193,414	1,239,218	1,226,704	1,215,522	13,053,499
Total Recoverable Conserv. Expense	1,477,261	1,569,886	1,520,050	1,510,220	1,594,063	1,518,928	1,521,519	1,780,489	1,704,268	1,746,757	1,815,613	1,723,349	19,482,403

TAMPA ELECTRIC COMPANY  
Conservation Program Costs

Estimated for Months April 1997 through March 1998

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	134,426	0	0	300,000	2,532,000	6,000	0	0	2,972,426
2 Prime Time (D)	1,079,086	795,673	84,833	96,000	38,400	9,970,803	64,299	20,113	0	12,149,207
3 Energy Audits (E)	0	702,904	2,400	318,370	33,936	0	59,955	0	0	1,117,565
4 Cogeneration (E)	0	343,508	0	0	0	0	11,439	756	0	355,703
5 Ceiling Insulation (E)	0	38,808	0	0	0	240,000	3,669	0	0	282,477
6 C & I Load Mngt (D)	5,072	15,312	900	1,200	0	31,405	1,089	0	0	54,978
7 Commerical Lighting (E)	0	30,300	0	0	1,200	181,350	2,469	0	0	215,319
8 Standby Generator (D)	0	20,928	6,000	6,000	0	564,000	1,389	0	0	598,317
9 Conservation Value (E)	0	2,727	0	0	0	18,000	120	0	0	20,847
10 Duct Repair (E)	0	91,800	36,000	158,500	16,800	880,000	13,095	0	0	1,196,195
11 Builder Awareness (E)	0	3,984	0	0	0	0	600	12,000	0	16,584
12 Green Pricing Initiative (E)	0	792	0	0	0	0	0	0	0	792
13 DSM Commercial R&D (D&E) (50% D, 50% E)	0	15,948	6,000	24,000	0	0	503	0	0	46,451
14 Natural Gas R&D (D&E) (50% D, 50% E)	0	3,984	2,400	72,000	0	0	503	0	0	78,887
15 Common Expenses (D&E) (50% D, 50% E)	0	372,792	0	2,257	0	0	1,606	0	0	376,655
16 Total All Programs	1,084,158	2,573,886	138,533	678,327	390,336	14,417,558	166,736	32,869	0	19,482,403
Summary of Demand & Energy										
Energy	0	1,545,611	42,600	525,998	351,936	3,851,350	98,653	12,756	0	6,428,904
Demand	1,084,158	1,028,275	95,933	152,329	38,400	10,566,208	68,083	20,113	0	13,053,499
Total All Programs	1,084,158	2,573,886	138,533	678,327	390,336	14,417,558	166,736	32,869	0	19,482,403

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Estimated for Months April 1997 through March 1998

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		126,610	97,357	68,299	86,931	93,101	67,868	65,630	65,500	66,049	75,000	82,399	91,079	985,823
3 Depreciation Base		4,265,914	4,248,557	4,260,258	4,253,327	4,240,226	4,252,358	4,266,728	4,281,228	4,295,179	4,300,179	4,297,780	4,286,701	
4 Depreciation Expense		71,487	70,954	70,907	70,947	70,780	70,772	70,992	71,233	71,470	71,628	71,650	71,537	854,357
5 Cumulative Investment	4,312,524	4,265,914	4,248,557	4,260,258	4,253,327	4,240,226	4,252,358	4,266,728	4,281,228	4,295,179	4,300,179	4,297,780	4,286,701	4,286,701
6 Less: Accumulated Depreciation	2,432,688	2,377,565	2,351,162	2,353,770	2,337,786	2,315,465	2,318,369	2,323,731	2,329,464	2,334,885	2,331,513	2,320,764	2,301,222	2,301,222
7 Net Investment	1,879,836	1,888,349	1,897,395	1,906,488	1,915,541	1,924,761	1,933,989	1,942,997	1,951,764	1,960,294	1,968,666	1,977,016	1,985,479	1,985,479
8 Average Investment		1,884,093	1,892,872	1,901,942	1,911,015	1,920,151	1,929,375	1,938,493	1,947,381	1,956,029	1,964,480	1,972,841	1,981,248	
9 Return on Average Investment		11,210	11,263	11,317	11,371	11,425	11,480	11,534	11,587	11,638	11,689	11,738	11,788	138,040
10 Return Requirements		18,250	18,336	18,424	18,512	18,600	18,689	18,777	18,864	18,947	19,030	19,109	19,191	224,729
11 Total Depreciation and Return		89,737	89,290	89,331	89,459	89,380	89,461	89,769	90,097	90,417	90,658	90,759	90,728	1,079,086

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 1997 through March 1998

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		0	0	0	0	0	373	4,296	61	394	0	396	904	6,424
3. Depreciation Base		19,011	19,361	19,711	20,061	20,411	20,388	16,442	16,731	16,687	17,037	16,991	16,437	
4. Depreciation Expense		314	320	326	331	337	340	307	276	278	281	284	279	3,673
5. Cumulative Investment	18,661	19,011	19,361	19,711	20,061	20,411	20,388	16,442	16,731	16,687	17,037	16,991	16,437	16,437
6. Less: Accumulated Depreciation	6,834	7,148	7,468	7,794	8,125	8,462	8,429	4,440	4,655	4,539	4,820	4,708	4,083	4,083
Q 7. Net Investment	11,827	11,863	11,893	11,917	11,936	11,949	11,959	12,002	12,076	12,148	12,217	12,283	12,354	12,354
8. Average Investment		11,845	11,878	11,905	11,927	11,943	11,954	11,981	12,039	12,112	12,183	12,250	12,319	
9. Return on Average Investment		70	71	71	71	71	71	71	72	72	72	73	73	858
10. Return Requirements		114	116	116	116	116	116	116	117	117	117	119	119	1,399
Total Depreciation and Return		428	436	442	447	453	456	423	393	395	398	403	398	5,072

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 1996 through November 1996  
Projected for Months December 1996 through March 1997

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
1 Heating & Cooling										
2 Actual	0	24,619	537	4,887	64,907	447,870	1,315	198	0	544,331
3 Projected	0	50,030	211	930	95,000	737,000	2,500	13	0	885,684
4 Total	0	74,649	748	5,817	159,907	1,184,870	3,815	209	0	1,430,015
5 Prime Time										
6 Actual	180,336	85,223	20,229	16,255	12,132	1,039,731	7,499	6,254	0	1,937,669
7 Projected	362,130	274,023	26,194	30,000	13,383	3,777,791	21,395	3,418	0	4,508,834
8 Total	542,466	359,246	46,423	46,255	25,515	5,387,522	28,894	10,182	0	6,446,503
9 Energy Audits										
10 Actual	0	119,555	1,180	186,841	12,292	0	8,029	53	0	327,850
11 Projected	0	241,803	886	100,381	7,830	0	19,151	0	0	370,051
12 Total	0	361,358	2,066	287,222	20,122	0	27,180	53	0	698,001
13 Cogeneration										
14 Actual	0	54,427	0	0	0	0	1,688	0	0	56,115
15 Projected	0	114,789	0	0	0	0	3,870	186	0	118,845
16 Total	0	169,216	0	0	0	0	5,558	186	0	174,960
17 Ceiling Insulation										
18 Actual	0	5,522	0	0	0	67,975	621	0	0	74,118
19 Projected	0	12,316	0	0	0	75,000	1,052	0	0	88,368
20 Total	0	17,838	0	0	0	142,975	1,673	0	0	162,486
21 C & I Load Management										
22 Actual	860	854	0	0	0	4,847	434	0	0	6,995
23 Projected	1,663	6,030	225	400	0	7,500	541	57	0	16,416
24 Total	2,523	6,884	225	400	0	12,347	975	57	0	23,411
25 Commercial Lighting										
26 Actual	0	8,524	0	0	0	54,128	341	0	0	62,993
27 Projected	0	8,904	0	0	300	67,000	658	0	0	76,862
28 Total	0	17,428	0	0	300	121,128	999	0	0	139,855
29 Standby Generator										
30 Actual	0	393	0	0	0	105,126	293	0	0	105,812
31 Projected	0	6,907	2,292	2,250	0	158,000	596	0	0	170,045
32 Total	0	7,300	2,292	2,250	0	263,126	889	0	0	275,857
33 Conservation Value										
34 Actual	0	0	0	0	0	0	0	0	0	0
35 Projected	0	941	0	0	0	7,500	55	0	0	8,496
36 Total	0	941	0	0	0	7,500	55	0	0	8,496
37 Duct Repair										
38 Actual	0	12,187	11	0	0	85,075	1,251	0	0	98,524
39 Projected	0	25,832	12,049	11,000	9,200	180,000	3,520	13	0	241,614
40 Total	0	38,019	12,060	11,000	9,200	265,075	4,771	13	0	340,138
41 Builder Awareness										
42 Actual	0	990	0	0	0	0	32	400	0	1,422
43 Projected	0	1,594	180	0	0	0	150	3,250	0	5,174
44 Total	0	2,584	180	0	0	0	182	3,650	0	6,596
45 Green Pricing Initiative										
46 Actual	0	0	0	0	0	0	0	0	0	0
47 Projected	0	264	0	0	0	0	0	0	0	264
48 Total	0	264	0	0	0	0	0	0	0	264
49 DSM Commercial R&D										
50 Actual	0	3,337	826	8,670	0	0	107	0	0	12,940
51 Projected	0	5,648	5,811	12,950	0	0	123	0	0	24,532
52 Total	0	8,985	6,637	21,620	0	0	230	0	0	37,472
53 Natural Gas R&D										
54 Actual	0	1,161	0	0	0	0	37	0	0	1,198
55 Projected	0	2,657	4,911	24,961	0	0	123	0	0	32,652
56 Total	0	3,818	4,911	24,961	0	0	160	0	0	33,850
57 Common Expenses										
58 Actual	0	41,247	0	0	0	0	532	0	0	41,779
59 Projected	0	118,948	0	560	0	0	515	0	0	120,023
60 Total	0	160,195	0	560	0	0	1,047	0	0	161,802
61 Total All Programs	544,989	1,228,725	75,542	400,085	215,044	7,384,543	76,428	14,350	0	9,939,706

TAMPA ELECTRIC COMPANY  
Schedule of Capital Investment, Depreciation and Return  
Actual for Months October 1996 through November 1996  
Projected for Months December 1996 through March 1997

PRIME TIME

	Beginning of Period	October	November	December	January	February	March	Total
1. Investment		104,924	110,020	43,000	76,300	76,300	76,300	486,844
2. Retirements		109,865	41,080	76,609	83,395	77,150	101,212	489,311
3. Depreciation Base		4,310,050	4,378,990	4,345,381	4,338,286	4,337,436	4,312,524	
4. Depreciation Expense		71,875	72,409	72,703	72,364	72,298	72,083	433,732
5. Cumulative Investment	4,314,991	4,310,050	4,378,990	4,345,381	4,338,286	4,337,436	4,312,524	4,312,524
6. Less: Accumulated Depreciation	2,488,267	2,450,277	2,481,606	2,477,700	2,466,669	2,461,817	2,432,688	2,432,688
7. Net Investment	1,826,724	1,859,773	1,897,384	1,867,681	1,871,617	1,875,619	1,879,836	1,879,836
8. Average Investment		1,843,249	1,878,579	1,882,533	1,869,649	1,873,618	1,877,728	
9. Return on Average Investment		10,967	11,178	11,201	11,124	11,148	11,172	66,790
10. Return Requirements		17,854	18,198	18,235	18,110	18,149	18,188	108,734
11. Total Depreciation and Return		89,729	90,607	90,938	90,474	90,447	90,271	542,466

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  
Actual for Months October 1996 through November 1996  
Projected for Months December 1996 through March 1997

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		449	0	1,496	0	0	0	1,945
3. Depreciation Base		18,757	18,757	17,611	17,961	18,311	18,661	
4. Depreciation Expense		316	313	303	296	302	308	1,838
5. Cumulative Investment	19,206	18,757	18,757	17,611	17,961	18,311	18,661	18,661
6. Less: Accumulated Depreciation	6,941	6,808	7,121	5,928	6,224	6,526	6,834	6,834
7. Net Investment	12,265	11,949	11,636	11,683	11,737	11,785	11,827	11,827
8. Average Investment		12,107	11,793	11,660	11,710	11,761	11,806	
9. Return on Average Investment		72	70	69	70	70	70	421
10. Return Requirements		117	114	112	114	114	114	685
11. Total Depreciation and Return		433	427	415	410	416	422	2,523

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 1996 through November 1996  
Projected for Months December 1996 through March 1997

Program Name	October Actual	November Actual	December Projected	January Projected	February Projected	March Projected	Grand Total
1. Heating and Cooling	291,658	252,673	142,683	247,667	247,667	247,667	1,430,015
2. Prime Time	895,483	1,042,186	1,093,039	1,150,473	1,138,300	1,127,022	6,446,503
3. Energy Audits	262,679	65,271	92,601	66,150	145,150	66,150	698,001
4. Cogeneration	28,386	27,729	30,018	29,609	29,609	29,609	174,960
5. Ceiling Insulation	64,273	9,845	17,766	23,534	23,534	23,534	162,486
6. C & I Load Management	4,486	2,509	6,045	3,451	3,457	3,463	23,411
7. Commercial Lighting	24,787	38,206	23,372	17,830	17,830	17,830	139,855
8. Standby Generator	56,091	49,721	20,468	49,859	49,859	49,859	275,857
9. Conservation Value	0	0	3,291	1,735	1,735	1,735	8,496
10. Duct Repair	62,147	36,377	58,206	64,136	64,136	55,136	340,138
11. Builder Awareness	289	1,133	1,028	1,382	1,382	1,382	6,596
12. Green Pricing Initiative	0	0	66	66	66	66	264
13. DSM Commercial R&D	11,311	1,629	12,922	3,870	3,870	3,870	37,472
14. Natural Gas R&D	702	496	12,933	6,573	6,573	6,573	33,850
15. Common Expenses	23,945	17,834	25,866	31,199	31,199	31,759	161,802
16. Total	1,726,237	1,545,609	1,540,304	1,697,534	1,764,367	1,665,655	9,939,706
17. Less: Included in Base Rates	0	0	0	0	0	0	0
18. Recoverable Conservation Expenses	1,726,237	1,545,609	1,540,304	1,697,534	1,764,367	1,665,655	9,939,706

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of True-up

Actual for Months October 1996 through November 1996  
Projected for Months December 1996 through March 1997

	October Actual	November Actual	December Projected	January Projected	February Projected	March Projected	Grand Total
B. CONSERVATION REVENUES							
1. Residential Conservation Audit Fees (A)	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	1,569,994	1,384,043	1,395,377	1,512,458	1,398,686	1,305,811	8,566,369
3. Total Revenues	1,569,994	1,384,043	1,395,377	1,512,458	1,398,686	1,305,811	8,566,369
4. Prior Period True-up	139,134	139,134	139,134	139,134	139,134	139,131	834,801
5. Conservation Revenue Applicable to Period	1,709,128	1,523,177	1,534,511	1,651,592	1,537,820	1,444,942	9,401,170
6. Conservation Expenses (C-3, Page 4, Line 14)	1,726,237	1,545,609	1,540,304	1,697,534	1,764,367	1,665,655	9,939,706
7. True-up This Period (Line 5 - Line 6)	(17,109)	(22,432)	(5,793)	(45,942)	(226,547)	(220,713)	(538,536)
8. Interest Provision This Period (C-3, Page 6, Line 10)	3,413	2,711	2,150	1,439	69	(1,744)	8,038
9. True-up & Interest Provision Beginning of Period	834,801	681,971	523,116	380,339	196,702	(168,910)	834,801
10. Prior Period True-up Collecte (Refunded)	(139,134)	(139,134)	(139,134)	(139,134)	(139,134)	(139,131)	(834,801)
11. End of Period Total Net True-up	681,971	523,116	380,339	196,702	(168,910)	(530,498)	(530,498)

\* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	13,053,499	0.67	(355,442)
Energy	6,428,904	0.33	(175,056)
Total	19,482,403	1.00	(530,498)

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TAMPA ELECTRIC COMPANY  
Energy Conservation Adjustment  
Calculation of Interest Provision

Actual for Months October 1996 through November 1996  
Projected for Months December 1996 through March 1997

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)	\$834,801	\$681,971	\$523,116	\$380,339	\$196,702	(\$168,910)	
2.	Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	678,558	520,405	378,189	195,263	(168,979)	(528,754)	
3.	Total Beginning & Ending True-up	\$1,513,359	\$1,202,376	\$901,305	\$575,602	\$27,723	(\$697,664)	
4.	Average True-up Amount (50% of Line 3)	\$756,680	\$601,188	\$450,653	\$287,801	\$13,862	(\$348,832)	
5.	Interest Rate - First Day of Month	5.440%	5.380%	5.450%	6.000%	6.000%	6.000%	
6.	Interest Rate - First Day of Next Month	5.380%	5.450%	6.000%	6.000%	6.000%	6.000%	
7.	Total (Line 5 + Line 6)	10.820%	10.830%	11.450%	12.000%	12.000%	12.000%	
8.	Average Interest Rate (50% of Line 7)	5.410%	5.415%	5.725%	6.000%	6.000%	6.000%	
9.	Monthly Average Interest Rate (Line 8/12)	0.451%	0.451%	0.477%	0.500%	0.500%	0.500%	
10.	Interest Provision (Line 4 x Line 9)	\$3,413	\$2,711	\$2,150	\$1,439	\$69	(\$1,744)	\$8,038

1.1

TAMPA ELECTRIC COMPANY  
Energy Conservation  
Calculation of Conservation Revenues

Actual for Months October 1996 through November 1996  
Projected for Months December 1996 through March 1997

(1)	(2)	(3)	(4)
Months	Firm MWH Sales	Interruptible MWH Sales	Clause Revenue Net of Revenue Taxes *
October	1,233,974	152,213	1,569,994
November	1,118,322	158,955	1,384,043
December	963,344	166,228	1,395,377
January	1,036,700	163,569	1,512,458
February	959,015	175,565	1,398,686
March	903,918	177,958	1,305,811
Total	6,215,273	994,488	8,566,369

\* Revenue Factor of \$1.62/MWH For Residential Firm MWH Sales  
\* Revenue Factor of \$0.07/MWH For Interruptible MWH Sales  
Revenue tax factor 0.000833

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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, 1996 to March 31, 1997  
2,545 units to be installed and approved.  
April 1, 1997 to March 31, 1998  
5,800 units to be installed and approved.

**Program Fiscal Expenditures:** October 1, 1996 to March 31, 1997  
Expenditures estimated for the period are \$1,430,015.  
April 1, 1997 to March 31, 1998  
Expenditures estimated for the period are \$2,972,426.

**Program Progress Summary:** Through September 30, 1996 - 130,256 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, 1996 to March 31, 1997

78,457 Customers on this program (cumulative).

April 1, 1997 to March 31, 1998

84,007 Customers will be participating (cumulative).

Program Fiscal Expenditures:

October 1, 1996 to March 31, 1997

Estimated expenditures are \$6,446,503

April 1, 1997 to March 31, 1998

\$12,149,207 estimated.

Program Progress Summary:

76,088 Customers through September 30, 1996

Breakdown is as follows:

Water Heating	71,877
Air Conditioning	62,128
Heating	60,230
Pool Pump	14,055

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, 1996 to March 31, 1997

Residential - 8,580 (RCS-6; Alt-2,555;  
Mail-in-6,019)

Comm/Ind - 616 (Paid - 6; Free - 384;  
Mail-in-226)

April 1, 1997 to March 31, 1998

Residential - 19,650 (RCS-50, Alt-6,600;  
Mail-in-13,000)

Comm/Ind - 1,493 (Paid - 18; Free - 975;  
Mail-in-500)

Program Fiscal

Expenditures:

October 1, 1996 to March 31, 1997

Expenditures are expected to be \$698,001.

April 1, 1997 to March 31, 1998

Estimated costs are \$1,117,565.

Program Progress

Summary:

Through September 30, 1996 the following audit totals are:

Residential RCS (Fee)	3,890
Residential Alt (Free)	163,092
Commercial-Ind (Fee)	222
Commercial-Ind (Free)	11,770

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, 1996 to March 31, 1997

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

April 1, 1997 to March 31, 1998

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

**Program Fiscal Expenditures:**

October 1, 1996 to March 31, 1997

Expenditures are estimated to be \$174,960.

April 1, 1997 to March 31, 1998

Expenditures are estimated to be \$355,703.

**Program Progress  
Summary:**

The projected total maximum generation by electrically interconnected cogeneration during 1997 will be approximately 585 MW and 3,780 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, 1996 to March 31, 1997  
Approximately 1579 units during this period.  
April 1, 1997 to March 31, 1998  
2,500 units expected for this period.

**Program Fiscal Expenditures:** October 1, 1996 to March 31, 1997  
Expenditures are estimated to be \$162,486.  
April 1, 1997 to March 31, 1998  
\$282,477 are the expected costs.

**Program Progress Summary:** Through September 30, 1996 - 20,247 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, 1996 to March 31, 1997

4 installations expected.

April 1, 1997 to March 31, 1998

14 installations expected.

Program Fiscal  
Expenditures:

October 1, 1996 to March 31, 1997

\$23,411 are expected costs.

April 1, 1997 to March 31, 1998

Expenses of \$54,978 are estimated.

Program Progress  
Summary:

Through September 30, 1996 - 41 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, 1996 to March 31, 1997  
82 Customers are expected to participate during this period.  
April 1, 1997 to March 31, 1998  
250 Customers are expected to participate during this period.

**Program Fiscal Expenditures:** October 1, 1996 to March 31, 1997  
Expenditures estimated for the period are \$139,855.  
April 1, 1997 to March 31, 1998  
Expenditures estimated for this period are \$215,319.

**Program Progress Summary:** Through September 30, 1996 - 441 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, 1996 to March 31, 1997

2 installations are expected.

April 1, 1997 to March 31, 1998

8 installations are expected.

**Program Fiscal  
Expenditures:**

October 1, 1996 to March 31, 1997

Expenditures estimated for the period are \$275,857.

April 1, 1997 to March 31, 1998

Expenditures estimated for the period are \$598,317.

**Program Progress  
Summary:**

Through September 30, 1996 - 48 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, 1996 to March 31, 1997  
2 Customers are expected to participate.  
April 1, 1997 to March 31, 1998  
10 Customers are expected to participate.

**Program Fiscal Expenditures:** October 1, 1996 to March 31, 1997  
Estimated expenses are \$8,496.  
April 1, 1997 to March 31, 1998  
Estimated expenses are \$20,847.

**Program Progress Summary:** Through September 30, 1996 - 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, 1996 to March 31, 1997  
3,346 repairs to be made.  
April 1, 1997 to March 31, 1998  
8,400 repairs to be made.

**Program Fiscal Expenditures:** October 1, 1996 to March 31, 1997  
Expenditures estimated for the period are \$340,138.  
April 1, 1997 to March 31, 1998  
Expenditures estimated for the period are \$1,196,195.

**Program Progress Summary:** Through September 30, 1996 - 14,992 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, 1996 to March 31, 1997  
40 homes are expected to participate.  
April 1, 1997 to March 31, 1998  
120 homes are expected to participate.

**Program Fiscal Expenditures:** October 1, 1996 to March 31, 1997  
Expenses are estimated at \$6,596.  
April 1, 1997 to March 31, 1998  
Expenses are estimated at \$16,584.

**Program Progress Summary:** Through September 30, 1996 - One(1)home qualified for participation. We are actively working with five(5) sets of building construction and HVAC contractors in various stages of participation.

PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** GREEN PRICING INITIATIVE

**Program Description:** A program designed to determine the level of interest ratepayers have toward alternate funding sources to promote the installation of renewable technologies.

**Program Projections:** October 1, 1996 to March 31, 1997  
See Program Progress Summary below.  
April 1, 1997 to March 31, 1998  
See Program Progress Summary below.

**Program Fiscal Expenditures:** October 1, 1996 to March 31, 1997  
Expenses are estimated at \$264.  
April 1, 1997 to March 31, 1998  
Expenses are estimated at \$792.

**Program Progress Summary:** This initiative was started in response to Order No. PSC-95-0691-FOF-EG, Docket No. 941173-EG, issued June 9, 1995. Survey responses were analyzed and results indicated a very limited number of Customers is interested in contributing to a green pricing fund.

**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, 1996 to March 31, 1997  
Expenditures are estimated at \$37,472.  
April 1, 1997 to March 31, 1998  
Expenditures are estimated at \$46,451.

**Program Progress Summary:** ETAC testing has been completed on moisture content in refrigerants and the level of charge of field air-conditioning systems. Field monitoring and data collection have been completed on the following technologies: Tempcooler, moisture controller for commercial refrigerators, and geothermal heat pump for cooling.

**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, 1996 to March 31, 1997.  
See Program Progress Summary below.  
April 1, 1997 to March 31, 1998.  
See Program Progress Summary below.

**Program Fiscal Expenditures:** October 1, 1996 to March 31, 1997  
Expenses are estimated to be \$33,850.  
April 1, 1997 to March 31, 1998.  
Expenses are estimated to be \$78,887.

**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 30, 1996.

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, 1996 to March 31, 1997  
Expenditures are estimated to be \$161,802.  
April 1, 1997 to March 31, 1998  
Expenditures are estimated at \$376,655.

**Program Progress Summary:** N/A