

1                   **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2                                   **PREPARED DIRECT TESTIMONY**

3   **OF**

4   **Karen A. Branick**

5  
6   **Q.**   Please state your name, address, occupation and employer.

7  
8   **A.**   My name is Karen A. Branick. My business address is 702  
9           North Franklin Street, Tampa, Florida 33602. My position  
10           is Manager - Energy Issues in the Regulatory and Business  
11           Strategy Department of Tampa Electric Company.

12  
13   **Q.**   Please provide a brief outline of your educational  
14           background and business experience.

15  
16   **A.**   I received a Bachelor of Science Degree in Chemical  
17           Engineering and Chemistry from the University of  
18           Pittsburgh, Pittsburgh, Pennsylvania in 1986. In 1987 I  
19           was employed as a chemist for Florida Power & Light Company  
20           (FPL). In 1990, I became a performance engineer; in 1991  
21           a lab supervisor; and in 1992 an operations supervisor for  
22           FPL. My career at Tampa Electric Company began in 1992 in  
23           the Production Department. My responsibilities included  
24           insurance of proper boiler chemistry and chemical  
25           engineering support during normal operations and

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FPSC-RECORDS/REPORTING

1 maintenance outages. I led projects related to alternate  
2 fuel test burns and waste water management. In 1994, I  
3 transferred to the Bulk Power & Market Development  
4 Department where I managed the customer accounts of  
5 approximately 30 of Tampa Electric's large industrial  
6 customers. I also participated in developing proposals for  
7 long term off-system sales of wholesale power. In October  
8 of 1996, I was promoted to Manager-Energy Issues in the  
9 Regulatory and Business Strategy Department. My present  
10 responsibilities include the areas of fuel adjustment,  
11 capacity cost recovery, environmental filings and rate  
12 design.

13  
14 Q. What is the purpose of your testimony in this proceeding?

15  
16 A. The purpose of my testimony is to present to the Commission  
17 the proposed Total Fuel and Purchased Power Cost Recovery  
18 factors, the proposed Capacity Cost Recovery factors and  
19 the billing refund credit factors for the period of April  
20 1997 - September 1997.

21  
22 Fuel and Purchased Power Cost Recovery Factors / Capacity Cost  
23 Recovery Clause

24  
25 Q. Did you review the projected data necessary to calculate

1 the Total Fuel and Purchased Power Cost Recovery factors  
2 for the period April 1997 - September 1997?  
3

4 **A.** Yes I have.  
5

6 **Q.** Do you wish to sponsor an exhibit consisting of Schedules  
7 H-1 (April - September, 1994 through 1997) and Schedules E-  
8 1 through E-10 (April 1997 - September 1997)?  
9

10 **A.** Yes. Also contained in this exhibit are Schedules E-2, E-  
11 3, E-5, E-6, E-7, E-8 and E-9 for the prior period October  
12 1996 - March 1997. These schedules are furnished as back-  
13 up for the projected true-up for this period and consist of  
14 two actual months and four projected months.  
15

16 (Have identified as Exhibit No. \_\_\_\_ (KAB-2), Fuel  
17 Projection.)  
18

19 **Q.** Does Schedule E-1 of Exhibit No. \_\_\_\_ (KAB-2), Fuel  
20 Projection, show the proper value for the Total Fuel and  
21 Purchased Power Cost Recovery Clause as projected for the  
22 period April 1997 - September 1997?  
23

24 **A.** Yes.  
25

- 1 Q. What is the proper value of the fuel adjustment factor for  
2 the new period?  
3
- 4 A. The proper value for the new period is 2.415 cents per kwh  
5 before the application of the factors that adjust for  
6 variations in line losses.  
7
- 8 Q. Please describe the information provided on Schedule E-1C.  
9
- 10 A. The GPIF and True-up factors are provided on Schedule E-1C.  
11 We propose that a GPIF penalty of (\$298,369) be included in  
12 the projection period. The True-up amount for the October  
13 1996 - March 1997 period is an overrecovery of \$1,590,623.  
14 This overrecovery is comprised of a final True-up  
15 underrecovery amount of (\$3,401,136) for the April 1996 -  
16 September 1996 period and an estimated overrecovery in the  
17 amount of \$4,991,759 for the October 1996 - March 1997  
18 period.  
19
- 20 Q. Please describe the information provided on Schedule E-1D.  
21
- 22 A. Schedule E-1D presents the company's on-peak and off-peak  
23 fuel charge factors for the April 1997 - September 1997  
24 period.  
25

- 1 Q. What is the purpose of Schedule E-1E?  
2
- 3 A. The purpose of Schedule E-1E is to present the standard,  
4 on-peak and off-peak fuel charge factors after adjusting  
5 for variations in line losses.  
6
- 7 Q. Has Tampa Electric included in the fuel projection any  
8 long-term off-system sales which were not included in the  
9 last projected fuel filing?  
10
- 11 A. Yes, two new sales are included. On November 4, 1996,  
12 Tampa Electric began service for a sale of peaking power to  
13 the City of Lakeland. On December 16, 1996, service began  
14 for a multi-unit power sale to the Florida Municipal Power  
15 Agency.  
16
- 17 Q. How has Tampa Electric treated the fuel revenues from these  
18 sales?  
19
- 20 A. The company has credited the actual contract fuel revenues  
21 from these two sales to the fuel clause on Schedule E6.  
22
- 23 Q. How are the non-fuel revenues from these two sales treated  
24 in the fuel clause?  
25

1 A. Tampa Electric entered into Letters of Commitment with the  
2 City of Lakeland ("Lakeland") dated August 19, 1996 and the  
3 Florida Municipal Power Agency ("FMPPA") dated October 2,  
4 1996 to provide long term capacity and energy under service  
5 schedule D. These two power sales are different from  
6 previous long-term Big Bend Sales ("Big Bend Sales") for two  
7 primary reasons. First, the sales are from different  
8 resources than the Big Bend Sales that were separated at  
9 the time of Tampa Electric's rate case. Second, each sale  
10 contains a provision for supplemental service, which is a  
11 means for the customer to obtain additional capacity and  
12 energy for short periods of time during the period of the  
13 Letter of Commitment. These differences from the  
14 previously separated sales provide the opportunity for the  
15 application of a different regulatory treatment than was  
16 required for the Big Bend sales in the last rate case and  
17 subsequent regulatory agreements.

18  
19 Q. Does the fuel projection include cost recovery for SO<sub>2</sub>  
20 emission allowances?

21  
22 A. Yes, cost recovery of SO<sub>2</sub> emission allowances is included  
23 in the Fuel and Purchased Power Cost Recovery Clause for  
24 the two month actual/four month re-projected period October  
25 1996 through March 1997. These costs are already included

1 in the fuel factor in effect for this period. Beginning  
 2 with the projection for April 1997 through September 1997,  
 3 recovery of the costs of SO<sub>2</sub> emission allowances have been  
 4 moved to the Environmental Cost Recovery Clause. This  
 5 recovery mechanism is consistent with Order No. PSC-96-  
 6 1048-FOF-EI issued August 14, 1996 which established Tampa  
 7 Electric's Environmental Cost Recovery Clause.

8  
 9 Q. Please recap the proposed Fuel and Purchased Power Cost  
 10 Recovery factors for the April 1997 - September 1997  
 11 period.

12  
 13 A.

	Fuel Charge
<u>Rate Schedule</u>	<u>Factor (cents per kwh)</u>
14 Average Factor	2.415
15 RS, GS and TS	2.432
16 RST and GST	2.941 (on-peak)
17	2.190 (off-peak)
18 SL-2, OL-1 and OL-3	2.303
19 GSD, GSLD, and SBF	2.418
20 GSdT, GSLdT. EV-X and SBFT	2.924 (on-peak)
21	2.177 (off-peak)
22 IS-1, IS-3, SBI-1, SBI-3	2.339
23 IST-1, IST-3, SBIT-1, SBIT-3	2.829 (on-peak)
24	2.106 (off-peak)
25	

- 1 Q. How does Tampa Electric Company's proposed average fuel  
2 charge factor of 2.415 cents per kwh compare to the average  
3 fuel charge factor for the October 1996 - March 1997  
4 period?  
5
- 6 A. The proposed fuel charge factor is 0.014 cents per kwh (or  
7 14 cents per 1000 kwh) higher than the average fuel charge  
8 factor of 2.401 cents per kwh for the October 1996 - March  
9 1997 period.  
10
- 11 Q. Are you also requesting Commission approval of the  
12 projected Capacity Cost Recovery factors for the Company's  
13 various rate schedules?  
14
- 15 A. Yes.  
16
- 17 Q. Have you prepared or caused to be prepared under your  
18 direction or supervision an exhibit which supports this  
19 request?  
20
- 21 A. Yes. It consists of five pages identified as Exhibit No.  
22 \_\_\_\_\_ KAB-3, Capacity Cost Recovery.  
23
- 24 Q. What payments are included in Tampa Electric's capacity  
25 cost recovery factor?



1 A. Tampa Electric is requesting recovery, through the capacity  
2 cost recovery factor, of capacity payments made pursuant to  
3 cogeneration, small power production and purchased power  
4 agreements to which we are a party.

5  
6 Q. Please re-cap the proposed Capacity Cost Recovery Clause  
7 factors for the April 1997 - September 1997 period.

8  
9 A.

10 <u>Rate Schedule</u>	Capacity Cost Recovery 11 <u>Factor (cents per kwh)</u>
12 RS	0.179
13 GS and TS	0.173
14 GSD, EV-X	0.132
15 GSLD and SBF	0.118
16 IS-1, IS-3, SBI-1, SBI-3	0.010
17 SL-2, OL-1 and OL-3	0.021

18  
19 These factors can be seen in Exhibit No. \_\_\_ (KAB-3), page  
20 3 of 5.

21  
22 Stipulation Refund

23  
24 Q. Is Tampa Electric requesting to modify the Revenue Credit  
25 Refund Factor for the period April 1997 through September

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1997?

A. Yes. In Tampa Electric's Fuel Projection for the period October 1996 through March 1997, Tampa Electric requested approval of Revenue Credit Refund Factors for that period. The Credit Refund is for \$25 million dollars, plus interest, over the twelve-month period October 1996 through September 1997 per the stipulation approved in Docket 950379-EI, Order No. PSC-96-0670-S-1. The FPSC approved the factors in Order No. PSC -96-0670-EI .

The factor was based on projected twelve month retail energy sales. Exhibit No. \_\_\_\_ (KAB -4) shows the new factors by rate class based on the outstanding refund balance as of 12/31/96, re-projected retail energy sales for the period January 1997 through September 1997 and a projected commercial paper rate of six percent. Based on these changes, the new factors adjusted for line losses are

<u>Rate Class</u>	<u>Credit Factor cents/KWH</u>
Average Factor	0.168
RS, RST, GS, GST, TS	0.169
GSD, GSDT, GSLD, GSLDT	
EV-X, SBF, SBFT	0.169
IS-1, IST-1, IS-3, IST-3, SBI-1,	

1           SBIT-1, SBI-3, SBIT-3                           0.168  
 2           SL, OL   0.163

3

4   **Q.**   What is the composite effect of the above changes on a  
 5           1,000 kwh residential Customer?

6

7   **A.**   A residential bill for 1,000 kwh will decrease \$0.07  
 8           beginning April 1997. See table below.

9

	Oct. 96	Apr. 97
	Thru	thru
<u>Type of Charge</u>	<u>Mar. 97</u>	<u>Sept. 97</u>
Customer	\$ 8.50	\$ 8.50
Energy	43.42	43.42
Conservation	1.62	1.63
Environmental	0.41	0.33
Fuel	24.18	24.32
Capacity	1.98	1.79
Deferred Revenue Plan		
Refund	(1.74)	(1.69)
FGR Tax	<u>2.01</u>	<u>2.01</u>
Total	\$ 80.38	\$ 80.31

23

24   **Q.**   When should the new charges and refund go into effect?

25

1 A. They should go into effect commensurate with the first  
2 billing cycle in April 1997.  
3  
4 Q. Does this conclude your testimony?  
5  
6 A. Yes it does.  
7  
8  
9  
10  
11  
12

## TAMPA ELECTRIC COMPANY

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FPSC-RECORDS/REPORTING

**FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD OF: APRIL 1997 THRU SEPTEMBER 1997**

	DOLLARS	MWH	cents/KWH
1. Fuel Cost of System Net Generation (E3)	205,716,191	9,712,909	2.11797
2. Nuclear Fuel Disposal Cost	0	0	0.00000
3. Coal Car Investment	0	0	0.00000
4. Adjustments to Fuel Cost (FL Meade / Wauchula Wheeling)	(18,000)	9,712,909	(0.00019)
4a. Adjustments to Fuel Cost (Allowances)	0	9,712,909	0.00000
<b>6. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4a)</b>	<b>205,698,191</b>	<b>9,712,909</b>	<b>2.11778</b>
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	11,292,400	365,771	3.08729
7. Energy Cost of Sch C,X Economy Purchases (Broker) (E9)	1,142,800	27,572	4.14478
8. Energy Cost of Economy Purchases (Non-Broker) (E9)	0	0	0.00000
9. Energy Cost of Sch. E Economy Purchases (E9)	0	0	0.00000
10. Capacity Cost of Sch. E Economy Purchases (E2)	0	0	0.00000
11. Energy Payments to Qualifying Facilities (E8)	4,752,900	228,147	2.08328
<b>12. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 11)</b>	<b>17,188,100</b>	<b>621,480</b>	<b>2.76563</b>
<b>13. TOTAL AVAILABLE KWH (LINE 6 + LINE 12)</b>		<b>10,334,389</b>	
14. Fuel Cost of Economy Sales (E6)	13,363,400	845,283	1.6094
15. Gain on Economy Sales - 80% (E6)	1,775,440	845,283	0.21004
16. Fuel Cost of Schedule D Sales - Jurisd. (E6)	785,800	48,139	1.63236
16a. Fuel Cost of Schedule D Sales - Separated (E6)	3,214,100	231,226	1.39003
16b. Fuel Cost of Schedule D HPP Sales - Contract (E6)	1,980,000	88,101	2.22472
16c. Fuel Cost of Schedule J Sales - Jurisd. (E6)	29,800	1,858	1.60560
17. Fuel Cost of Other Power Sales	2,571,900	171,284	1.50154
<b>18. TOTAL FUEL COST AND GAINS OF POWER SALES</b>	<b>23,700,440</b>	<b>1,395,889</b>	<b>1.71013</b>
19. Net Inadvertant Interchange		0	
19a. Wheeling Rec'd. less Wheeling Delv'd.		0	
19b. Interchange and Wheeling Losses		25,400	
<b>20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 6 + 12 + 18 + 19)</b>	<b>199,185,861</b>	<b>8,923,110</b>	<b>2.23226</b>
21. Net Unbilled	3,963,137	177,540	0.04441
22. Company Use	409,841	18,360	0.00494
23. T & D Losses	9,751,562	436,849	0.11763
24. System MWH Sales	199,185,851	8,290,361	2.40262
25. Wholesale MWH Sales	(1,884,920)	(77,897)	2.41976
26. Jurisdictional MWH Sales	197,300,931	8,212,464	2.40248
26a. Jurisdictional Loss Multiplier			1.00013
27. Jurisdictional MWH Sales Adjusted for Line Loss	197,326,580	8,212,464	2.40277
28. True-up **	(1,590,623)	8,212,464	(0.01937)
29. Peabody Coal Contract Buy-Out Amort. (Jurisdictionalized)	2,693,543	8,212,464	0.03280
30. Total Jurisdictional Fuel Cost (Excl. GPIF)	198,429,500	8,212,464	2.41620
31. Revenue Tax Factor			1.00083
32. Fuel Factor (Excl. GPIF) Adjusted for Taxes	198,594,196	8,212,464	2.41821
33. GPIF ** (Already Adjusted for Taxes)	(296,369)	8,212,464	(0.00363)
34. Fuel Factor Adjusted for Taxes Including GPIF	198,295,827	8,212,464	2.41458
<b>35. Fuel Factor Rounded to Nearest .001 cents per KWH</b>			<b>2.416</b>

\* For Informational Purposes Only

\*\* Calculation Based on Jurisdictional KWH Sales

**CALCULATION OF TOTAL TRUE-UP  
(PROJECTED PERIOD)  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD: APRIL 1997 THRU SEPTEMBER 1997**

**SCHEDULE E1-A**

1. ESTIMATED OVER/(UNDER) RECOVERY (2 months actual, 4 months estimated period) (Schedule E1-B)	\$4,991,759
2. FINAL TRUE-UP (6 months actual period) (Per True-Up Filed in November 1996)	(\$3,401,136)
3. TOTAL OVER/(UNDER) RECOVERY (Lines 1 + 2) To be included in 6 month projected period (Schedule E1, line 29)	\$1,590,623
4. JURISDICTIONAL MWH SALES (Projected period)	8,212,484
5. TRUE-UP FACTOR (Lines 3/4) * (100 cents/1000 KWH)	\$0.019

**CALCULATION OF ESTIMATED TRUE-UP  
(2 MONTHS ACTUAL, 4 MONTHS ESTIMATED)  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD OF: OCTOBER 1996 THRU MARCH 1997**

	ACTUAL		ESTIMATED				TOTAL PERIOD
	Oct-96	Nov-96	Dec-96	Jan-97	Feb-97	Mar-97	
A 1. FUEL COST OF SYSTEM NET GENERATION	30,942,349	29,627,173	26,989,055	31,061,471	28,716,288	29,954,999	177,291,335
2. FUEL COST OF POWER SOLD *	4,711,849	7,144,073	3,179,920	5,808,200	5,023,080	5,208,080	30,875,202
3. FUEL COST OF PURCHASED POWER	562,718	293,399	199,500	414,700	678,300	841,100	2,989,717
3a. DEMAND & NON-FUEL COST OF PUR. PWR.	0	0	0	0	0	0	0
3b. ENERGY PAYMENTS TO QUALIFIED FACILITIES	549,328	492,161	924,800	534,300	557,200	605,700	3,263,489
4. ENERGY COST OF ECONOMY PURCHASES	123,462	89,094	12,900	22,900	26,000	26,600	300,956
5. ADJUSTMENTS TO FUEL COST (FT. MEADE / WAUCHULA WHEELING)	(2,519)	(1,070)	(3,000)	(3,000)	(3,000)	(3,000)	(15,589)
5a. ADJUSTMENTS TO FUEL COST (ALLOWANCES)**	232,420	220,014	155,943	107,186	99,151	114,929	929,643
6. TOTAL FUEL & NET POWER TRANSACTION (Sum of Lines A1 Through A5a)	27,695,909	23,576,698	24,899,278	26,529,357	25,050,859	26,332,248	153,884,349
*INCLUDES ECONOMY SALES PROFITS (80%)							
** ACTUALS INCLUDE POLK PROJ. RESERVE DOLLARS OF (\$170) FOR OCTOBER 1996.							
B 1. JURISDICTIONAL MWH SALES	1,234,127	1,118,481	1,129,572	1,200,270	1,134,580	1,081,876	6,898,906
2. NON-JURISDICTIONAL MWH SALES	9,816	13,537	298	5,338	4,590	4,600	38,179
3. TOTAL SALES (Lines B1 + B2)	1,243,943	1,132,018	1,129,870	1,205,608	1,139,170	1,086,476	6,937,085
4. JURISDIC. % OF TOTAL SALES (Line B1/B3)	0.9921090	0.9880417	0.9997363	0.9955724	0.9959708	0.9957661	
C 1. JURISDICTIONAL FUEL RECOVERY REVENUE (Net of Revenue Taxes)	26,600,427	26,774,585	27,068,533	28,780,113	27,186,435	25,908,499	165,318,589
1a. ADJUSTMENTS TO FUEL REVENUE	0	0	0	0	0	0	0
2. TRUE-UP PROVISION	(753,185)	(753,185)	(753,185)	(753,185)	(753,185)	(753,182)	(4,519,107)
2a. INCENTIVE PROVISION	17,321	17,321	17,321	17,321	17,321	17,322	103,927
2b. OTHER	0	0	0	0	0	0	0
3. FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2b)	28,864,563	26,038,721	26,332,669	28,044,249	26,450,571	25,172,636	160,903,409
4. TOTAL FUEL & NET PWR. TRANS. (Line A6)	27,695,909	23,576,698	24,899,278	26,529,357	25,050,859	26,332,248	153,884,349
5. JURISDIC. TOTAL FUEL & NET PWR. TRANS. (Line A6 x Line B4)	27,477,361	23,294,760	24,692,765	26,411,896	24,949,924	26,220,760	153,047,466
5a. JURISDIC. LOSS MULTIPLIER	1.00013	1.00013	1.00013	1.00013	1.00013	1.00013	
5b. LINE 5 X LINE 5a	27,480,933	23,297,768	24,695,975	26,415,330	24,953,167	26,224,169	153,067,362
5c. PEABODY COAL CONTRACT BUY-OUT AMORT.	474,673	472,142	469,611	467,080	464,549	462,018	2,810,073
5d. PEABODY JURISDICTIONALIZED (LINE 5c X LINE B4)	470,927	466,496	469,487	465,012	462,677	460,062	2,794,661
5e. JURISDIC. TOTAL FUEL & NET PWR. TRANS. INCL. PEABODY	27,951,860	23,764,284	25,165,462	26,880,342	25,415,844	26,684,231	155,862,023
6. OVER(UNDER) RECOVERY	912,703	2,274,437	1,167,207	1,183,907	1,036,727	(1,511,595)	5,041,386
7. INTEREST PROVISION	(31,964)	(21,524)	(11,067)	(2,082)	7,190	9,800	(49,627)
8. TOTAL ESTIMATED TRUE-UP FOR THE PERIOD							4,991,769



COMPARISON OF ESTIMATED/ACTUAL, VERSUS ORIGINAL PROJECTIONS  
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD OF: OCT. 1986 THROUGH MAR. 1987

SCHEDULE E-1B-1

ACCOUNT	DOCK LINES			SEMI			MONTHLY		
	ESTIMATED/ACTUAL	ESTIMATED ORIGINAL	DIFFERENCE AMOUNT %	ESTIMATED ORIGINAL	ESTIMATED ORIGINAL	DIFFERENCE AMOUNT %	ESTIMATED ORIGINAL	ESTIMATED ORIGINAL	DIFFERENCE AMOUNT %
1. Fuel Cost of System Hot Generation (E3)	177,501,338	172,488,221	2,637,114 1.5	8,794,232	8,794,232	0 0	597,414	597,414	0 0
2. Spent Nuclear Fuel Disposal Cost	0	0	0 0	0	0	0 0	0	0	0 0
3. Coal Car Investment	0	0	0 0	0	0	0 0	0	0	0 0
4. Adjustments to Fuel Cost (P, Steam/Water, Wheeling)	(15,667)	(18,000)	2,411 (13.4)	8,794,232	8,794,232	0 0	597,414	597,414	0 0
4a. Adjustments to Fuel Cost (Substances)	820,843	388,077	561,568 152.8	8,794,232	8,794,232	0 0	597,414	597,414	0 0
5. TOTAL COST OF GENERATED POWER	178,206,289	174,608,298	3,598,091 1.9	8,794,232	8,794,232	0 0	597,414	597,414	0 0
6. Fuel Cost of Purchased Power - (Structure of Economy) (E7)	2,688,717	2,400,800	668,117 24.5	70,288	70,288	0 0	13,039	13,039	0 0
7. Energy Cost of Sub. C, X Economy Purchases (Subst) (E8)	200,895	124,800	176,196 141.2	7,046	7,046	0 0	3,628	3,628	106.1
8. Energy Cost of Other Econ Purch (Non-Subst) (E5)	0	0	0 0	0	0	0 0	0	0	0 0
9. Energy Cost of Sub. E Econ Purchases (E6)	0	0	0 0	0	0	0 0	0	0	0 0
10. Capacity Cost of Sub. E Econ Purchases	0	0	0 0	0	0	0 0	0	0	0 0
11. Energy Payments to Operating Facilities (E9)	3,203,489	3,597,700	(394,211) (11.2)	221,862	221,862	0 0	(7,294)	(7,294)	(3.0)
12. TOTAL COST OF PURCHASED POWER	6,894,182	6,003,300	471,082 7.7	298,895	298,895	0 0	8,463	8,463	3.2
13. TOTAL AVAILABLE SEMI (LINE 5 + LINE 12)	183,200,471	180,611,598	2,588,873 1.4	9,103,128	9,103,128	0 0	606,477	606,477	0 0
14. Fuel Cost of Economy Sales (E2)	16,292,609	16,534,400	(241,791) (1.5)	1,488,474	1,488,474	0 0	308,664	308,664	33.3
15. Gas on Economy Sales - (E9) (E9)	4,208,042	2,824,880	1,383,162 47.2	1,488,474	1,488,474	0 0	308,664	308,664	33.3
16. Fuel Cost of Subsidies D Sales - (Subst) (E3)	723,079	941,700	(218,621) (23.2)	52,344	52,344	0 0	(11,218)	(11,218)	(17.8)
16a. Fuel Cost of Subsidies D Sales - Separated (E3)	3,122,889	2,871,200	251,689 8.8	229,111	229,111	0 0	31,504	31,504	15.7
16b. Fuel Cost of Subsidies D HPP Sales - Contract (E3)	727,809	997,800	(269,991) (29.1)	33,659	33,659	0 0	(8,443)	(8,443)	(20.7)
16c. Fuel Cost of Subsidies D Sales - (Subst) (E3)	1,448,388	191,200	1,257,188 87.5	87,212	87,212	0 0	68,172	68,172	96.2
17. Fuel Cost of Other Power Sales (E3)	1,314,100	0	1,314,100 100.0	87,212	87,212	0 0	87,212	87,212	100.0
18. TOTAL FUEL COST AND GAS ON POWER SALES (LINE 14 + 15 + 16 + 16a + 16b + 16c + 17)	20,879,209	23,481,180	(2,601,971) (12.4)	1,948,200	1,948,200	0 0	523,013	523,013	37.6
18a. Net Interchange Settlements	0	0	0 0	202	202	0 0	202	202	100.0
18b. Wheeling Power Loss Wheeling Div't	0	0	0 0	1,272	1,272	0 0	1,272	1,272	100.0
18c. Interchange and Wheeling Losses	0	0	0 0	26,513	26,513	0 0	8,813	8,813	33.2
19. TOTAL FUEL AND NET TRANSACTIONS (LINE 18 + 18a + 18b + 18c)	20,879,209	23,481,180	(2,601,971) (12.4)	1,948,200	1,948,200	0 0	523,013	523,013	37.6
20. TOTAL FUEL AND NET TRANSACTIONS (LINE 18 + 18a + 18b + 18c)	153,664,346	157,428,318	(3,763,972) (2.5)	7,119,789	7,119,789	0 0	26,525	26,525	0.4
21. Net Unsettled	(4,013,089)	(3,528,045)	(485,044) (12.1)	(185,880)	(185,880)	0 0	(28,820)	(28,820)	18.9
22. Contingency Use	388,209	351,482	36,727 10.2	17,028	17,028	0 0	1,949	1,949	11.4
23. T & D Losses	7,594,245	4,292,882	3,301,363 77.8	301,244	301,244	0 0	(20,289)	(20,289)	(6.5)
24. System KNM Sales	153,804,348	157,428,318	(3,623,970) (2.3)	6,837,505	6,837,505	0 0	73,018	73,018	1.1
25. Wholesale KNM Sales	(808,883)	(822,789)	13,906 1.7	(28,179)	(28,179)	0 0	(23,644)	(23,644)	209.5
26. Jurisdictional KNM Sales	153,047,465	157,145,433	(4,097,968) (2.7)	6,809,306	6,809,306	0 0	47,174	47,174	0.7
26a. Jurisdictional Loss Subsidizer	0	0	0 0	0	0	0 0	0	0	0 0
27. Jurisdictional KNM Sales Adjusted for Line Losses	153,047,465	157,145,433	(4,097,968) (2.7)	6,809,306	6,809,306	0 0	47,174	47,174	0.7
28. True-up	7,280,243	4,918,187	2,362,056 75.3	6,809,306	6,809,306	0 0	47,174	47,174	0.7
29. Fuel/Power Contract Buy-out Amount (Jurisdictional)	2,794,891	2,800,028	(5,137) (0.2)	6,809,306	6,809,306	0 0	47,174	47,174	0.7
30. Total Jurisdictional Fuel Cost (Fuel, GPFF)	153,732,285	154,490,028	(757,743) (0.5)	6,809,306	6,809,306	0 0	47,174	47,174	0.7
31. Reserve Fuel Factor	153,918,204	154,629,535	(711,331) (0.5)	6,809,306	6,809,306	0 0	47,174	47,174	0.7
32. Fuel Factor (Fuel, GPFF) Adjusted for Taxes	(298,289)	(194,914)	(103,375) (34.7)	6,809,306	6,809,306	0 0	47,174	47,174	0.7
33. GPFF - (E308,120) - Net Adjusted for Taxes	153,619,915	154,522,321	(902,406) (0.6)	6,809,306	6,809,306	0 0	47,174	47,174	0.7
34. Fuel Factor Adjusted for Taxes Including GPFF	153,619,915	154,522,321	(902,406) (0.6)	6,809,306	6,809,306	0 0	47,174	47,174	0.7
35. Fuel Factor Reconciled to Nuclear, 0.01 cents per KNM	2.372	2.401	(0.029) (1.2)	2.372	2.401	(0.029) (1.2)			

\* Included For International Purposes Only  
 - Calculation Based on Jurisdictional KNM Sales  
 - Estimated/Actual Dollars include Fuel, Power, Reserve Dollars of (E170) for October 1986  
 Note: Amounts included in Estimated/Actual column represent two months actual and four months revised estimates. Amounts included in the Estimated Original column represent amounts projected in previous fuel adjustment period.

**CALCULATION OF GENERATING PERFORMANCE  
INCENTIVE FACTOR AND TRUE-UP FACTOR  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD: APRIL 1997 THRU SEPTEMBER 1997**

1. TOTAL AMOUNT OF ADJUSTMENTS:

A. GENERATING PERFORMANCE INCENTIVE REWARD (PENALTY) (APRIL 1997 THRU SEPTEMBER 1997)	(\$298,369)
B. TRUE-UP OVER / (UNDER) RECOVERED (OCTOBER 1996 THRU MARCH 1997)	\$1,590,623

2. TOTAL SALES

(APRIL 1997 THRU SEPTEMBER 1997) 8,212,464 MWH

3. ADJUSTMENT FACTORS:

A. GENERATING PERFORMANCE INCENTIVE FACTOR	<input type="text" value="0.0036"/> Cents/KV/H
B. TRUE-UP FACTOR	<input type="text" value="0.0184"/> Cents/KWH

FUEL ADJUSTMENT FACTOR FOR  
 OPTIONAL TIME-OF-DAY RATES  
 TAMPA ELECTRIC COMPANY  
 PROJECTION FOR THE PERIOD  
 APRIL 1997 THRU SEPTEMBER 1997

1. COST RATIO:

$$\frac{2.666 \text{ ON-PEAK}}{1.985 \text{ OFF-PEAK}} = 1.3431$$

2. SALES/GENERATION:

32.30 % ON-PEAK      67.70 % OFF-PEAK

3. FORMULA:

X = ON-PEAK

Y = OFF-PEAK

$$0.3230 * 1.3431 Y + 0.6770 Y = 2.4146 \text{ INCLUDES TAX @ } 1.00083$$

$$1.1108 Y = 2.4146$$

$$Y = 2.1737$$

$$X = 1.3431 Y$$

$$X = 1.3431 * 2.1737$$

$$X = 2.9195$$

	<u>ON-PEAK</u>	<u>OFF-PEAK</u>
4. FUEL COST (cents/KWH)	2.9195	2.1737
5. FUEL FACTOR (cents/KWH NEAREST .000)	2.920	2.174

**FUEL RECOVERY FACTORS - BY RATE GROUP  
 ( ADJUSTED FOR LINE/TRANSFORMATION LOSSES)  
 TAMPA ELECTRIC COMPANY  
 FOR THE PERIOD: APRIL 1997 THRU SEPTEMBER 1997**

**SCHEDULE E-1E**

(1)	(2)		(3)	(4)	(5)
GROUP	RATE	SCHEDULE	AVERAGE FACTOR	FUEL RECOVERY LOSS MULTIPLIER	FUEL RECOVERY FACTOR
A	RS,GS,TS		2.415	1.0072	2.432
A1*	SL-2, OL-1&3		2.415	N/A	2.303
B	GSD,GSLD,SBF		2.415	1.0013	2.418
C	IS-1&3,SBI-1&3		2.415	0.9687	2.339
D	N/A		N/A	N/A	N/A
A	RST,GST	ON-PEAK	2.920	1.0072	2.941
		OFF-PEAK	2.174	1.0072	2.190
A1	SL-2, OL-1&3	ON-PEAK	N/A	N/A	N/A
		OFF-PEAK	N/A	N/A	N/A
B	GSDT,EV-X,GSLDT, SBFT	ON-PEAK	2.920	1.0013	2.924
		OFF-PEAK	2.174	1.0013	2.177
C	IST-1&3,SBIT-1&3	ON-PEAK	2.920	0.9687	2.829
		OFF-PEAK	2.174	0.9687	2.106
D	N/A	ON-PEAK	N/A	N/A	N/A
		OFF-PEAK	N/A	N/A	N/A

\* GROUP A1 IS BASED ON GROUP A, 15% OF ON-PEAK AND 85% OF OFF-PEAK.

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD OF: APRIL 1997 THRU SEPTEMBER 1997

LINE NUMBER		(a)	(b)	(c)	(d)	(e)	(f)	TOTAL PERIOD	LINE NUMBER
		Apr-97	May-97	Jun-97	ESTIMATED Jul-97	Aug-97	Sep-97		
1	FUEL COST OF SYSTEM NET GENERATION	29,731,815	32,779,543	34,815,507	36,575,898	37,098,057	34,915,373	206,716,191	1
1a	NUCLEAR FUEL DISPOSAL	0	0	0	0	0	0	0	1a
2	FUEL COST OF POWER SOLD *	4,718,080	3,511,480	3,895,800	4,055,680	4,162,620	3,558,500	23,700,440	2
3	FUEL COST OF PURCHASED POWER	825,900	1,940,600	2,395,000	2,385,800	2,139,300	1,805,800	11,292,400	3
3a	DEMAND & NON FUEL COST OF PUR POWER	0	0	0	0	0	0	0	3a
3b	QUALIFYING FACILITIES	781,000	501,000	871,800	934,800	874,700	789,800	4,752,900	3b
4	ENERGY COST OF ECONOMY PURCHASES	74,700	201,800	245,300	274,000	172,500	174,500	1,142,800	4
4a	ADJUSTMENTS TO FUEL COSTS (FT. MEADE / WAUCHULA WHEELING)	(3,000)	(3,000)	(3,000)	(3,000)	(3,000)	(3,000)	(18,000)	4a
4b	ADJUSTMENTS TO FUEL COSTS	0	0	0	0	0	0	0	4b
5	TOTAL FUEL & NET POWER TRANSACTION (SUM OF LINES 1 THRU 4b)	26,692,055	31,908,463	34,428,807	36,111,816	36,118,937	33,925,773	199,185,851	5
6	JURISDICTIONAL KWH SOLD (MWH)	1,119,659	1,256,573	1,415,337	1,478,267	1,462,341	1,480,287	8,212,464	6
6a	JURISDICTIONAL % OF TOTAL SALES	0.9949579	0.9854725	0.9902531	0.9899231	0.9901522	0.9931726	-	6a
6b	JURISDIC. TOT. FUEL & NET PWR. TRANS. (LINE 6 X LINE 6a)	26,557,471	31,444,913	34,093,233	35,747,921	35,763,245	33,694,148	197,300,931	6b
7	JURISDICTIONAL LOSS MULTIPLIER	1.00013	1.00013	1.00013	1.00013	1.00013	1.00013	-	7
7a	LINE 6b x LINE 7	26,560,923	31,449,001	34,097,665	35,752,568	35,767,894	33,698,528	197,326,579	7a
7b	PEABODY COAL CONTRACT BUY-OUT AMORT.	459,487	456,956	454,425	451,894	449,363	446,832	2,718,957	7b
7c	PEABODY JURISDICTIONALIZED (LINE 7b x LINE 6a)	457,170	450,318	449,996	447,340	444,938	443,781	2,893,543	7c
7d	JURISDIC. TOT. FUEL & NET PWR. TRANS. INCL. PEABODY (LINE 7a + LINE 7c)	27,018,093	31,899,319	34,547,661	36,199,908	36,212,832	34,142,309	200,020,122	7d
8	COST PER KWH SOLD (cents/KWH)	2.4131	2.5388	2.4409	2.4488	2.4764	2.3065	2.4358	8
9	TRUE UP ** (cents/KWH)	(0.0194)	(0.0194)	(0.0194)	(0.0194)	(0.0194)	(0.0194)	(0.0194)	9
10	TOTAL (LINES 8+9)(cents/KWH)	2.3937	2.5192	2.4215	2.4294	2.4570	2.2871	2.4162	11
11	REVENUE TAX FACTOR	1.00083	1.00083	1.00083	1.00083	1.00083	1.00083	1.00083	12
12	RECOVERY FAC. ADJ. FOR TAXES (c/KWH) (EXCL. GPIF)	2.3957	2.5213	2.4235	2.4314	2.4590	2.2890	2.4182	13
13	GPIF ** (cents/KWH) (ALREADY ADJUSTED FOR TAXES)	(0.0036)	(0.0036)	(0.0036)	(0.0036)	(0.0036)	(0.0036)	(0.0036)	14
14	TOTAL RECOVERY FACTOR (LINES 12+13)	2.3921	2.5177	2.4199	2.4278	2.4554	2.2854	2.4146	15
16	RECOVERY FACTOR ROUNDED TO NEAREST .001 cents/KWH	2.392	2.518	2.420	2.428	2.455	2.285	2.415	16

\* INCLUDES ECONOMY SALES PROFITS (80%)

\*\* BASED ON JURISDICTIONAL SALES ONLY

**GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE**  
**TAMPA ELECTRIC COMPANY**  
**ESTIMATED FOR THE PERIOD OF: APRIL 1987 THRU SEPTEMBER 1987**

	Apr-87	May-87	Jun-87	Jul-87	Aug-87	Sep-87	TOTAL
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1 HEAVY OIL	223,525	359,862	485,893	554,685	371,642	232,951	2,228,556
2 LIGHT OIL	269,092	359,193	397,927	418,019	280,928	143,115	1,868,274
3 COAL	29,239,198	32,090,488	33,731,687	35,803,192	36,445,487	34,539,307	201,819,359
4 NATURAL GAS	0	0	0	0	0	0	0
5 NUCLEAR	0	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0	0
7 TOTAL (\$)	29,731,815	32,779,543	34,615,507	36,575,996	37,098,057	34,915,373	205,716,191
<b>SYSTEM NET GENERATION (MWH)</b>							
8 HEAVY OIL	4,716	7,481	10,197	11,595	7,679	4,863	46,531
9 LIGHT OIL	3,631	5,856	6,846	7,550	5,064	2,518	31,265
10 COAL	1,407,594	1,581,028	1,809,959	1,693,336	1,735,196	1,627,998	9,635,113
11 NATURAL GAS	0	0	0	0	0	0	0
12 NUCLEAR	0	0	0	0	0	0	0
13 OTHER	0	0	0	0	0	0	0
14 TOTAL (MWH)	1,415,941	1,574,365	1,826,802	1,712,481	1,747,941	1,635,379	9,712,909
<b>UNITS OF FUEL BURNED</b>							
15 HEAVY OIL (BBL)	10,082	16,774	23,083	26,468	17,660	10,926	104,993
16 LIGHT OIL (BBL)	8,671	11,260	13,070	15,031	10,273	5,332	63,637
17 COAL (TON)	613,787	675,927	700,968	743,824	764,850	717,028	4,216,184
18 NATURAL GAS (MCF)	0	0	0	0	0	0	0
19 NUCLEAR (MMBTU)	0	0	0	0	0	0	0
20 OTHER	0	0	0	0	0	0	0
<b>BTUS BURNED (MMBTU)</b>							
21 HEAVY OIL	63,719	106,030	145,902	167,301	111,621	69,059	663,632
22 LIGHT OIL	50,114	65,487	75,993	87,320	59,753	30,993	369,660
23 COAL	13,938,229	15,357,577	16,026,441	16,955,772	17,425,837	16,246,711	95,950,567
24 NATURAL GAS	0	0	0	0	0	0	0
25 NUCLEAR	0	0	0	0	0	0	0
26 OTHER	0	0	0	0	0	0	0
27 TOTAL (MMBTU)	14,052,062	15,529,094	16,248,336	17,210,393	17,597,211	16,346,763	96,963,859
<b>GENERATION MIX (% MWH)</b>							
28 HEAVY OIL	0.33	0.48	0.63	0.68	0.44	0.30	0.46
29 LIGHT OIL	0.26	0.37	0.41	0.44	0.29	0.15	0.32
30 COAL	99.41	99.15	98.96	98.88	99.27	99.55	99.20
31 NATURAL GAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34 TOTAL (%)	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>FUEL COST PER UNIT</b>							
35 HEAVY OIL (\$/BBL)	22.17	21.45	21.05	20.96	21.04	21.32	21.23
36 LIGHT OIL (\$/BBL)	31.03	31.90	30.45	27.81	27.35	26.84	29.36
37 COAL (\$/TON)	47.84	47.43	48.12	47.87	47.66	48.17	47.82
38 NATURAL GAS (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 NUCLEAR (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>FUEL COST PER MMBTU (\$/MMBTU)</b>							
41 HEAVY OIL	3.51	3.39	3.33	3.32	3.33	3.37	3.36
42 LIGHT OIL	5.37	5.48	5.24	4.79	4.70	4.62	5.05
43 COAL	2.10	2.09	2.10	2.10	2.09	2.13	2.10
44 NATURAL GAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 TOTAL (\$/MMBTU)	2.12	2.11	2.13	2.13	2.11	2.14	2.12
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48 HEAVY OIL	13,511	14,173	14,308	14,429	14,536	14,201	14,262
49 LIGHT OIL	13,802	11,183	11,434	11,566	11,800	12,309	11,823
50 COAL	9,902	9,838	9,955	10,013	10,043	9,980	9,958
51 NATURAL GAS	0	0	0	0	0	0	0
52 NUCLEAR	0	0	0	0	0	0	0
53 OTHER	0	0	0	0	0	0	0
54 TOTAL (BTU/KWH)	9,924	9,864	9,988	10,050	10,067	9,996	9,985
<b>GENERATED FUEL COST PER KWH (cents/KWH)</b>							
55 HEAVY OIL	4.74	4.81	4.77	4.78	4.84	4.79	4.79
56 LIGHT OIL	7.41	6.13	5.99	5.54	5.55	5.68	5.96
57 COAL	2.08	2.05	2.10	2.10	2.10	2.12	2.09
58 NATURAL GAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61 TOTAL (cents/KWH)	2.10	2.08	2.13	2.14	2.12	2.14	2.12

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD/MONTH OF: APRIL 1997

SCHEDULE B4

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1 H.P.#1	30	388	1.8	94.3	99.5	16,343	HVY OIL	1,003	6,322,034	6,341.0	18,736	4.83	18.68
2 H.P.#2	30	419	1.9	94.3	99.8	16,301	HVY OIL	1,081	6,318,224	6,830.0	20,193	4.82	18.68
3 H.P.#3	30	501	2.3	94.3	104.4	16,056	HVY OIL	1,273	6,318,932	8,044.0	23,779	4.75	18.68
4 H.P.#4	39	587	2.1	94.3	100.3	16,118	HVY OIL	1,497	6,319,973	9,481.0	27,983	4.76	18.68
5 H.P.#5	67	968	2.0	76.4	90.3	15,945	HVY OIL	2,442	6,320,639	15,435.0	45,616	4.71	18.68
6 H.P. STATION	196	2,863	2.0	88.2	97.1	16,106	HVY OIL	7,296	6,320,038	46,111.0	136,267	4.76	18.68
7 GAN.#1	119	45,271	52.8	89.2	90.4	11,129	COAL	23,846	21,128,072	503,820.0	1,206,011	2.66	50.57
8 GAN.#2	118	36,899	43.4	78.9	80.1	11,312	COAL	19,740	21,127,964	417,066.0	998,350	2.71	50.57
9 GAN.#3	155	53,964	48.4	87.2	82.1	11,180	COAL	28,554	21,128,458	603,302.0	1,444,118	2.68	50.57
10 GAN.#4	189	73,586	54.1	91.1	87.7	10,653	COAL	37,102	21,128,268	783,901.0	1,876,432	2.55	50.57
11 GAN.#5	222	123,114	77.0	90.0	80.0	10,289	COAL	51,861	24,378,010	1,264,268.0	2,622,868	2.13	50.57
12 GAN.#6	362	205,105	78.7	89.7	83.4	10,391	COAL	87,378	24,390,464	2,131,190.0	4,419,140	2.15	50.57
13 GANNON STA.	1,165	537,909	64.1	88.5	83.3	10,603	COAL	248,481	22,953,654	5,703,547.0	12,566,919	2.34	50.57
14 B.B.#1	411	0	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
15 B.B.#2	411	244,242	82.5	85.0	90.0	10,029	COAL	108,089	22,662,232	2,449,538.0	4,669,946	1.91	43.20
16 B.B.#3	421	249,122	82.2	84.3	86.5	9,879	COAL	102,512	24,006,936	2,460,999.0	4,428,994	1.78	43.20
17 B.B. 1 - 3	1,243	493,364	55.1	56.6	88.2	9,953	COAL	210,601	23,316,779	4,910,537.0	9,098,940	1.84	43.20
18 B.B.#4	437	282,647	89.8	91.5	94.7	8,860	COAL	123,905	20,210,068	2,504,131.0	6,055,888	2.14	48.88
19 B.B. STA.	1,680	776,011	64.2	65.7	90.5	9,555	COAL	334,506	22,166,024	7,414,668.0	15,154,628	1.95	45.31
20 PHILLIPS #1 (HVY OIL)	17	939	7.7	53.3	95.2	9,504	HVY OIL	1,412	6,320,113	8,924.0	44,214	4.71	31.31
21 PHILLIPS #2 (HVY OIL)	17	914	7.5	80.1	96.0	9,501	HVY OIL	1,374	6,320,233	8,684.0	43,024	4.71	31.31
22 SEB-PHILLIPS TOTAL	34	1,853	7.6	66.7	95.6	9,502	HVY OIL	2,786	6,320,172	17,608.0	87,238	4.71	31.31
23 POLK COAL	250	93,674	52.0	-	-	8,754	COAL	30,800	26,623,831	820,014.0	1,517,451	1.62	49.27
24 POLK OIL	250	1,503	0.8	-	-	8,754	LGT OIL	2,300	5,720,670	13,158.0	93,523	6.22	40.66
25 POLK TOTAL	250	95,177	52.9	53.4	99.4	8,754	-	-	-	833,172.0	1,610,974	1.69	-
26 GAN.C.T.#1	15	141	1.3	65.0	94.0	21,752	LGT OIL	529	5,797,732	3,067.0	14,578	10.34	27.56
27 B.B.C.T.#1	15	150	1.4	65.0	100.0	20,973	LGT OIL	542	5,804,428	3,146.0	14,936	9.96	27.56
28 B.B.C.T.#2	65	798	1.7	69.1	87.7	16,841	LGT OIL	2,317	5,800,173	13,439.0	63,851	8.00	27.56
29 B.B.C.T.#3	65	1,039	2.2	69.1	84.1	16,654	LGT OIL	2,983	5,800,872	17,304.0	82,204	7.91	27.56
30 C.T. TOTAL	160	2128	1.8	68.3	87.0	17,367	LGT OIL	6,371	5,800,659	36,956.0	175,569	8.25	27.56
31 TOT COAL (GAN,BB,POLK)	3,095	1,407,594	63.2	69.0	-	9,902	COAL	613,787	22,708,576	13,938,229.0	29,239,198	2.08	47.64
32 SYSTEM	3,485	1,415,941	56.4	70.0	93.7	9,924	-	-	-	14,052,062.0	29,731,815	2.10	-

LEGEND: H.P. = HOOKERS POINT B.B. = BIG BEND HVY=HEAVY NAT=NATURAL  
SEB=SEBRING GAN = GANNON C.T. = COMBUSTION TURBINE LGT=LIGHT

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SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD/MONTH OF: MAY 1997

SCHEDULE #4

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1 H.P.#1	30	1,068	4.8	94.4	93.7	15,997	HVY OIL	2,703	6,320,755	17,085.0	51,818	4.83	19.10
2 H.P.#2	30	711	3.2	94.4	94.8	15,969	HVY OIL	1,796	6,321,826	11,354.0	34,297	4.82	19.10
3 H.P.#3	30	1,226	5.5	94.4	92.9	15,847	HVY OIL	3,074	6,320,429	19,429.0	58,703	4.79	19.10
4 H.P.#4	39	773	2.7	94.4	90.1	16,145	HVY OIL	1,974	6,322,188	12,480.0	37,697	4.88	19.10
5 H.P.#5	67	1,588	3.2	76.5	84.6	16,134	HVY OIL	4,053	6,321,244	25,620.0	77,398	4.87	19.10
6 H.P. STATION	196	5,366	3.7	88.2	90.3	16,021	HVY OIL	13,600	6,321,176	85,968.0	250,713	4.84	19.10
7 GAN.#1	119	48,494	54.8	89.1	92.8	11,153	COAL	25,299	21,379,027	540,868.0	1,298,903	2.67	51.28
8 GAN.#2	118	42,714	48.7	78.9	84.0	11,383	COAL	22,743	21,379,413	486,232.0	1,165,875	2.73	51.28
9 GAN.#3	155	59,608	51.7	87.2	85.8	11,242	COAL	31,343	21,379,064	670,084.0	1,606,737	2.70	51.28
10 GAN.#4	189	44,034	31.3	53.0	88.9	10,713	COAL	22,085	21,379,017	471,728.0	1,131,118	2.57	51.28
11 GAN.#5	222	124,025	75.1	89.9	78.0	10,349	COAL	52,542	24,429,161	1,283,557.0	2,693,461	2.17	51.28
12 GAN.#6	362	153,706	57.1	69.4	78.2	10,427	COAL	85,572	24,441,885	1,602,702.0	3,361,418	2.19	51.28
13 GANNON STA.	1,165	472,581	54.5	76.0	81.8	10,697	COAL	219,564	23,023,679	5,055,171.0	11,256,512	2.38	51.28
14 B.B.#1	411	165,418	54.1	56.5	90.2	9,916	COAL	72,243	22,704,278	1,640,225.0	3,152,484	1.91	43.64
15 B.B.#2	411	244,002	79.8	84.9	87.0	10,056	COAL	108,274	22,662,107	2,453,717.0	4,724,777	1.94	43.64
16 B.B.#3	421	246,504	78.7	84.3	82.8	9,928	COAL	101,941	24,007,132	2,447,311.0	4,448,423	1.80	43.64
17 B.B. 1 - 3	1,243	655,924	70.9	75.3	86.2	9,973	COAL	282,458	23,158,321	6,541,253.0	12,325,684	1.88	43.64
18 B.B.#4	437	287,066	88.3	91.5	93.2	8,675	COAL	126,105	19,747,090	2,490,203.0	6,145,945	2.14	48.74
19 B.B. STA.	1,680	942,990	75.4	79.5	88.2	9,577	COAL	408,583	22,105,418	9,031,456.0	18,471,629	1.96	45.21
20 PHILLIPS #1 (HVY OIL)	17	1,074	8.5	80.0	86.5	9,489	HVY OIL	1,612	6,321,980	10,191.0	50,863	4.74	31.55
21 PHILLIPS #2 (HVY OIL)	17	1,041	8.2	80.0	87.5	9,482	HVY OIL	1,562	6,319,462	9,871.0	49,266	4.73	31.55
22 SEB-PHILLIPS TOTAL	34	2,115	8.4	80.0	87.0	9,486	HVY OIL	3,174	6,320,731	20,062.0	100,149	4.74	31.55
23 POLK COAL	250	145,457	78.2	-	-	8,738	COAL	47,800	26,588,912	1,270,950.0	2,333,347	1.80	48.81
24 POLK OIL	250	4,202	2.3	-	-	8,738	LGT OIL	8,300	5,828,254	36,718.0	227,182	5.41	36.06
25 POLK TOTAL	250	149,659	80.5	80.1	98.6	8,738	-	-	-	1,307,668.0	2,560,529	1.71	-
26 GAN.C.T.#1	15	107	1.0	64.9	101.9	21,673	LGT OIL	400	5,797,500	2,319.0	10,648	9.95	26.62
27 B.B.C.T.#1	15	114	1.0	64.9	95.0	20,985	LGT OIL	412	5,800,971	2,360.0	10,905	9.82	26.61
28 B.B.C.T.#2	65	612	1.3	69.1	85.6	16,882	LGT OIL	1,781	5,801,235	10,332.0	47,402	7.75	26.62
29 B.B.C.T.#3	65	821	1.7	69.1	84.2	16,721	LGT OIL	2,367	5,799,747	13,728.0	62,968	7.67	26.62
30 C.T. TOTAL	160	1,654	1.4	68.3	86.4	17,394	LGT OIL	4,960	5,800,202	28,769.0	132,011	7.98	26.62
31 TOT COAL (GAN, BB, POLK)	3,095	1,561,028	67.8	71.8	-	9,838	COAL	675,927	22,720,763	15,357,577.0	30,060,488	2.05	47.43
32 SYSTEM	3,485	1,574,385	60.7	72.6	95.0	9,864	-	-	-	15,529,094.0	32,779,543	2.08	-

LEGEND: H.P. = HOOKERS POINT B.B. = BIG BEND HVY=HEAVY NAT=NATURAL  
SEB=SEBRING GAN = GANNON C.T. = COMBUSTION TURBINE LGT=LIGHT



SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD MONTH OF JUNE 1997

SCHEDULE 6A

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (1000 BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
1 H.P.#1	30	1,645	7.6	84.3	84.5	15,991	HVY OIL	4,102	6,320,519	26,306.0	60,306	4.89	19.31
2 H.P.#2	30	1,016	4.7	84.3	84.1	16,051	HVY OIL	2,560	6,320,500	16,308.0	49,831	4.90	19.31
3 H.P.#3	30	1,454	6.7	84.3	85.0	15,999	HVY OIL	3,680	6,321,467	23,263.0	71,077	4.89	19.31
4 H.P.#4	39	1,089	3.9	84.3	83.1	16,384	HVY OIL	2,823	6,320,227	17,842.0	54,524	5.01	19.31
5 H.P.#5	67	2,202	4.6	78.4	86.5	16,196	HVY OIL	5,642	6,321,163	35,664.0	108,971	4.95	19.31
6 H.P. STATION	198	7,408	5.2	88.2	91.8	16,120	HVY OIL	18,887	6,326,909	119,383.0	364,769	4.93	19.31
7 GAN.#1	119	48,300	56.4	89.0	93.9	11,206	COAL	25,409	21,327,522	541,911.0	1,330,269	2.75	52.36
8 GAN.#2	116	42,440	50.0	78.9	84.4	11,528	COAL	22,939	21,327,548	489,228.0	1,200,972	2.83	52.36
9 GAN.#3	155	53,803	48.0	88.2	86.2	11,295	COAL	28,388	21,327,820	605,457.0	1,488,255	2.77	52.36
10 GAN.#4	189	20,738	15.2	24.3	89.9	10,782	COAL	10,484	21,327,070	223,583.0	548,890	2.85	52.36
11 GAN.#5	222	122,178	78.4	90.0	79.4	10,464	COAL	52,305	24,418,871	1,278,450.0	2,741,048	2.24	52.36
12 GAN.#6	362	194,687	74.7	89.7	78.2	10,660	COAL	83,344	24,431,221	2,036,196.0	4,363,478	2.24	52.36
13 GANNON STA.	1,165	481,968	57.5	76.5	82.2	10,736	COAL	222,919	23,213,970	5,174,835.0	11,870,832	2.42	52.36
14 B.B.#1	411	248,153	83.9	87.4	90.3	9,935	COAL	108,583	22,704,153	2,465,285.0	4,797,262	1.93	44.18
15 B.B.#2	411	240,338	81.2	84.9	86.6	10,069	COAL	106,788	22,862,256	2,420,057.0	4,717,808	1.96	44.18
16 B.B.#3	421	240,688	79.4	84.3	83.6	10,007	COAL	100,327	24,006,957	2,408,548.0	4,432,507	1.84	44.18
17 B.B. 1 - 3	1,243	728,177	81.5	85.5	87.4	10,003	COAL	315,698	23,104,004	7,293,888.0	13,947,727	1.91	44.18
18 B.B.#4	437	271,972	88.4	91.5	91.1	9,011	COAL	120,751	20,295,964	2,459,756.0	6,084,802	2.23	50.23
19 B.B. STA.	1,680	1,001,149	82.8	87.1	88.4	9,733	COAL	436,449	22,327,113	9,744,848.0	20,012,529	2.00	45.65
20 PHILLIPS #1 (HVY OIL)	17	1,415	11.6	80.0	95.7	9,500	HVY OIL	2,127	6,320,169	13,443.0	81,389	4.34	28.86
21 PHILLIPS #2 (HVY OIL)	17	1,376	11.2	80.0	96.4	9,503	HVY OIL	2,089	6,319,981	13,078.0	59,715	4.34	28.86
22 SEB-PHILLIPS TOTAL	34	2,791	11.4	80.0	96.0	9,502	HVY OIL	4,196	6,320,087	26,519.0	121,104	4.34	28.86
23 POLK COAL	250	126,824	70.5	-	-	8,728	COAL	41,600	26,699,615	1,106,980.0	2,048,228	1.62	49.24
24 POLK OIL	250	4,107	2.8	-	-	8,728	LOT OIL	6,900	5,827,536	40,210.0	237,701	5.16	34.45
25 POLK TOTAL	250	131,431	73.0	72.1	96.8	8,728	-	-	-	1,147,170.0	2,285,927	1.74	-
26 GAN.C.T.#1	15	187	1.7	65.0	85.9	21,695	LOT OIL	700	5,795,714	4,057.0	18,178	9.72	25.97
27 B.B.C.T.#1	15	198	1.8	65.0	84.3	20,909	LOT OIL	714	5,795,319	4,140.0	18,542	9.36	25.97
28 B.B.C.T.#2	65	982	2.1	66.7	83.9	16,816	LOT OIL	2,847	5,800,140	16,513.0	73,832	7.53	25.97
29 B.B.C.T.#3	65	672	1.4	36.9	84.0	16,478	LOT OIL	1,909	5,800,419	11,073.0	49,574	7.38	25.97
30 C.T. TOTAL	180	2039	1.8	54.3	89.0	17,549	LOT OIL	6,170	5,799,514	35,763.0	160,228	7.86	25.97
31 TOT COAL (GN,BB,POLK)	3,095	1,609,959	72.2	78.0	-	9,955	COAL	709,865	22,863,299	16,026,441.0	33,731,687	2.10	48.12
32 SYSTEM	3,485	1,626,802	64.8	75.8	93.9	9,968	-	-	-	16,246,336.0	34,615,507	2.13	-

LEGEND: H.P. = HOOKERS POINT B.B. = BIG BEND  
SEB=SEBRING GAN = GANNON C.T. = COMBUSTION TURBINE  
HVY=HEAVY NAT=NATURAL  
LOT=LIGHT

HN

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD/MONTH OF: JULY 1997

SCHEDULE #4

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1 H.P.#1	30	1,846	8.3	94.4	93.2	16,216	HVY OIL	4,736	6,320,524	29,934.0	82,077	4.99	19.44
2 H.P.#2	30	1,298	5.8	94.4	94.1	16,159	HVY OIL	3,318	6,321,579	20,975.0	64,508	1.97	19.44
3 H.P.#3	30	1,146	5.1	94.4	93.2	16,490	HVY OIL	2,990	6,320,067	18,897.0	58,131	3.07	19.44
4 H.P.#4	39	1,280	4.4	94.4	91.2	16,577	HVY OIL	3,357	6,320,524	21,218.0	65,267	5.10	19.44
5 H.P.#5	67	2,809	5.6	76.5	87.3	16,280	HVY OIL	7,235	6,320,663	45,730.0	140,662	5.01	19.44
6 H.P. STATION	196	8,379	5.7	88.2	91.0	16,321	HVY OIL	21,636	6,320,669	136,754.0	420,645	5.02	19.44
7 GAN.#1	119	49,777	56.2	89.1	93.2	11,276	COAL	26,544	21,145,494	561,286.0	1,378,135	2.77	51.92
8 GAN.#2	118	27,447	31.3	50.9	83.7	11,801	COAL	15,318	21,145,450	323,906.0	795,293	2.90	51.92
9 GAN.#3	155	38,281	33.2	56.3	85.5	11,351	COAL	20,549	21,145,895	434,527.0	1,006,881	2.79	51.92
10 GAN.#4	189	78,261	55.7	91.1	88.5	10,833	COAL	40,093	21,145,686	847,794.0	2,081,584	2.68	51.92
11 GAN.#5	222	128,020	77.5	89.0	80.5	10,569	COAL	55,496	24,381,703	1,353,087.0	2,881,290	2.25	51.92
12 GAN.#6	362	202,494	75.2	89.7	79.7	10,530	COAL	87,406	24,383,978	2,132,180.0	4,538,022	2.24	51.92
13 GANNON STA.	1,165	524,280	60.5	81.5	82.9	10,782	COAL	245,406	23,034,400	5,652,780.0	12,741,205	2.43	51.92
14 B.B.#1	411	256,655	83.9	87.4	90.4	10,017	COAL	113,237	22,704,231	2,570,959.0	4,987,703	1.94	44.05
15 B.B.#2	411	249,172	81.5	84.9	88.9	10,123	COAL	111,306	22,692,175	2,522,436.0	4,902,649	1.97	44.05
16 B.B.#3	421	248,776	79.4	84.3	83.6	10,085	COAL	104,505	24,007,014	2,508,853.0	4,603,088	1.85	44.05
17 B.B. 1-3	1,243	754,603	81.6	85.5	87.5	10,075	COAL	329,048	23,103,766	7,602,248.0	14,493,440	1.92	44.05
18 B.B.#4	437	282,896	87.0	91.5	91.8	9,024	COAL	126,170	20,233,209	2,552,824.0	6,244,712	2.21	49.49
19 B.B. STA.	1,680	1,037,499	83.0	87.1	80.7	9,788	COAL	455,218	22,308,151	10,155,072.0	20,738,152	2.00	45.56
20 PHILLIPS #1 (HVY OIL)	17	1,628	12.9	80.0	96.7	9,499	HVY OIL	2,446	6,322,159	15,464.0	67,852	4.17	27.74
21 PHILLIPS #2 (HVY OIL)	17	1,588	12.6	80.0	96.3	9,498	HVY OIL	2,386	6,321,459	15,083.0	66,188	4.17	27.74
22 SEB-PHILLIPS TOTAL	34	3,216	12.7	80.0	96.5	9,498	HVY OIL	4,832	6,321,813	30,547.0	134,040	4.17	27.74
23 POLK COAL	250	131,557	70.7	-	-	8,726	COAL	43,200	26,572,222	1,147,920.0	2,123,835	1.61	49.16
24 POLK OIL	250	5,067	2.7	-	-	8,726	LGT OIL	7,600	5,017,895	44,216.0	229,059	4.52	30.14
25 POLK TOTAL	250	136,624	73.5	72.4	98.6	8,726	-	-	-	1,192,136.0	2,352,894	1.72	-
26 GAN.C.T.#1	15	224	2.0	64.9	93.3	21,750	LGT OIL	840	5,800,000	4,872.0	71,380	9.54	25.43
27 B.B.C.T.#1	15	143	1.3	41.9	95.3	20,930	LGT OIL	516	5,800,388	2,993.0	1,121	9.18	25.43
28 B.B.C.T.#2	65	694	1.4	40.1	89.0	16,651	LGT OIL	1,992	5,801,205	11,556.0	50,654	7.30	25.43
29 B.B.C.T.#3	65	1,422	2.9	69.1	87.5	16,655	LGT OIL	4,083	5,800,392	23,983.0	103,825	7.30	25.43
30 C.T. TOTAL	160	2483	2.1	54.4	88.8	17,360	LGT OIL	7,431	5,800,565	43,104.0	198,990	7.61	25.43
31 TOT COAL (GAN, BB, POLK)	3,095	1,693,336	73.5	78.0	-	10,013	COAL	743,824	22,795,409	16,955,772.0	35,603,192	2.10	47.67
32 SYSTEM	3,485	1,712,481	66.0	77.5	94.2	10,050	-	-	-	17,210,393.0	36,575,896	2.14	-

LEGEND: H.P. = HOOKERS POINT B.B. = BIG BEND HVY=HEAVY NAT=NATURAL  
SEB=SEBRING GAN. = GANNON C.T. = COMBUSTION TURBINE LGT=LIGHT

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**SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD/MONTH OF: AUGUST 1997**

**SCHEDULE B4**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1 H.P.#1	30	1,291	5.8	94.4	93.6	16,194	HVY OIL	3,307	6,321,742	20,906.0	64,568	5.00	19.52
2 H.P.#2	30	860	3.9	94.4	92.5	16,159	HVY OIL	2,199	6,319,691	13,897.0	42,925	4.99	19.52
3 H.P.#3	30	749	3.4	94.4	92.5	16,503	HVY OIL	1,956	6,319,530	12,361.0	38,110	5.10	19.52
4 H.P.#4	39	827	2.9	94.4	92.2	16,584	HVY OIL	2,170	6,320,276	13,715.0	42,369	5.12	19.52
5 H.P.#5	67	1,937	3.9	7.4	85.0	16,313	HVY OIL	4,999	6,321,064	31,599.0	97,604	5.04	19.52
6 H.P. STATION	196	5,664	3.9	64.6	90.0	16,327	HVY OIL	14,631	6,320,689	92,478.0	285,666	5.04	19.52
7 GAN.#1	119	48,500	54.8	89.1	93.1	11,273	COAL	25,983	21,043,144	546,764.0	1,343,347	2.77	51.70
8 GAN.#2	118	38,423	43.8	71.2	81.6	11,812	COAL	21,568	21,043,305	453,862.0	1,115,087	2.90	51.70
9 GAN.#3	155	59,053	51.2	87.2	84.5	11,366	COAL	31,896	21,042,827	671,182.0	1,649,055	2.79	51.70
10 GAN.#4	189	76,612	54.5	91.1	88.5	10,832	COAL	39,435	21,042,830	829,824.0	2,038,829	2.68	51.70
11 GAN.#5	222	127,568	77.2	89.9	80.3	10,571	COAL	55,356	24,360,684	1,348,510.0	2,861,961	2.24	51.70
12 GAN.#6	362	200,944	74.6	89.7	79.1	10,536	COAL	86,868	24,372,853	2,117,221.0	4,491,163	2.24	51.70
13 GANNON STA.	1,165	551,100	63.6	87.7	82.4	10,828	COAL	261,106	22,854,178	5,967,363.0	13,499,442	2.45	51.70
14 B.B.#1	411	256,891	84.0	87.4	90.5	10,016	COAL	113,333	22,704,173	2,573,132.0	4,978,665	1.94	43.93
15 B.B.#2	411	249,124	81.5	84.9	88.9	10,126	COAL	111,309	22,662,282	2,522,516.0	4,889,751	1.96	43.93
16 B.B.#3	421	250,332	79.9	84.3	84.1	10,082	COAL	105,127	24,007,077	2,523,792.0	4,618,179	1.84	43.93
17 B.B. 1-3	1,243	756,347	81.8	85.5	87.7	10,074	COAL	329,769	23,105,368	7,619,440.0	14,488,595	1.92	43.93
18 B.B.#4	437	282,419	86.9	91.5	91.7	9,093	COAL	125,975	20,385,188	2,568,024.0	6,144,043	2.18	48.77
19 B.B. #7A	1,680	1,038,766	83.1	87.1	88.8	9,807	COAL	455,744	22,353,479	10,187,464.0	20,630,638	1.99	45.27
20 PHILLIPS #1 (HVY OIL)	17	1,022	8.1	80.0	95.4	9,504	HVY OIL	1,537	6,319,453	9,713.0	43,627	4.27	28.38
21 PHILLIPS #2 (HVY OIL)	17	993	7.9	80.0	95.6	9,496	HVY OIL	1,492	6,320,375	9,430.0	42,349	4.26	28.38
22 SEB-PHILLIPS TOTAL	34	2,015	8.0	80.0	95.6	9,500	HVY OIL	3,029	6,319,908	19,143.0	85,976	4.27	28.38
23 POLK COAL	250	145,332	78.1	-	-	8,746	COAL	47,800	26,590,167	1,271,010.0	2,315,407	1.59	48.44
24 POLK OIL	250	3,270	1.8	-	-	8,745	LGT OIL	4,900	5,835,714	28,595.0	148,266	4.47	29.85
25 POLK TOTAL	250	148,602	79.9	80.1	98.9	8,746	-	-	-	1,299,605.0	2,463,673	1.66	-
26 GAN.C.T.#1	15	121	1.1	64.9	100.8	21,702	LGT OIL	453	5,796,909	2,626.0	11,353	9.38	25.06
27 B.B.C.T.#1	15	118	1.1	58.7	98.3	20,915	LGT OIL	426	5,793,427	2,468.0	10,677	9.05	25.06
28 B.B.C.T.#2	65	674	1.4	69.1	86.4	16,656	LGT OIL	1,959	5,799,387	11,381.0	49,098	7.28	25.06
29 B.B.C.T.#3	65	881	1.8	69.1	84.7	16,689	LGT OIL	2,535	5,800,000	14,703.0	63,534	7.21	25.06
30 C.T. TOTAL	160	1,794	1.5	67.7	87.1	17,368	LGT OIL	5,373	5,798,995	31,158.0	134,662	7.51	25.06
31 TOT COAL (GAN, BB, POLK)	3,095	1,735,198	75.4	80.3	-	10,043	COAL	764,650	22,789,298	17,425,837.0	36,445,487	2.10	47.66
32 SYSTEM	3,485	1,747,941	67.4	78.8	94.5	10,067	-	-	-	17,567,211.0	37,098,057	2.12	-

LEGEND: H.P. = HOOKERS POINT    B.B. = BIG BEND    HVY=HEAVY    NAT=NATURAL  
SEB=SEBRING    GAN = GANNON    C.T. = COMBUSTION TURBINE    LGT=LIGHT

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD/MONTH OF: SEPTEMBER 1997

SCHEDULE 64

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1 H.P.#1	30	789	3.7	94.3	93.9	15,992	HVY OIL	1,996	6,321,643	12,618.0	39,129	4.96	19.80
2 H.P.#2	30	458	2.1	94.3	95.4	16,044	HVY OIL	1,163	6,318,143	7,348.0	22,799	4.98	19.80
3 H.P.#3	30	686	3.2	94.3	95.3	16,003	HVY OIL	1,737	6,320,092	10,978.0	34,052	4.96	19.80
4 H.P.#4	39	499	1.8	94.3	91.4	16,389	HVY OIL	1,294	6,319,938	8,178.0	25,367	5.08	19.80
5 H.P.#5	67	1,018	2.1	56.6	84.4	16,226	HVY OIL	2,613	6,321,470	16,518.0	51,225	5.03	19.80
6 H.P. STATION	196	3,450	2.4	82.1	91.0	16,126	HVY OIL	8,803	6,320,573	56,640.0	172,572	5.00	19.80
7 GAN.#1	119	44,428	51.9	86.1	93.1	11,208	COAL	23,556	21,139,370	497,959.0	1,216,095	2.74	51.63
8 GAN.#2	118	39,893	47.0	78.9	83.9	11,535	COAL	21,798	21,139,792	460,171.0	1,123,788	2.82	51.63
9 GAN.#3	155	56,227	50.4	87.2	85.4	11,304	COAL	30,085	21,139,631	636,563.0	1,552,126	2.76	51.63
10 GAN.#4	189	73,028	53.7	91.1	88.4	10,790	COAL	37,276	21,139,259	787,987.0	1,924,399	2.64	51.63
11 GAN.#5	222	122,391	76.6	90.0	79.6	10,457	COAL	52,494	24,380,291	1,279,819.0	2,710,039	2.21	51.63
12 GAN.#6	362	191,869	73.6	89.7	78.1	10,472	COAL	82,370	24,392,704	2,009,227.0	4,252,408	2.22	51.63
13 GANNON STA.	1,165	527,836	62.9	88.2	82.0	10,743	COAL	247,529	22,909,340	5,670,726.0	12,778,855	2.42	51.63
14 B.B.#1	411	248,805	84.1	87.4	90.5	9,934	COAL	108,865	22,704,221	2,471,695.0	4,836,063	1.94	44.42
15 B.B.#2	411	241,451	81.6	84.9	89.0	10,068	COAL	107,263	22,662,269	2,430,823.0	4,764,898	1.97	44.42
16 B.B.#3	421	240,364	79.3	84.3	83.5	10,008	COAL	100,206	24,007,006	2,405,646.0	4,451,408	1.85	44.42
17 B.B. 1-3	1,243	730,620	81.6	85.5	87.6	10,003	COAL	316,334	23,102,683	7,308,164.0	14,052,369	1.92	44.42
18 B.B.#4	437	275,873	87.7	91.5	92.4	8,873	COAL	122,365	20,004,152	2,447,808.0	6,200,276	2.25	50.67
19 B.B. STA.	1,680	1,006,493	83.2	87.1	88.9	9,693	COAL	438,699	22,238,419	9,755,972.0	20,252,645	2.01	46.17
20 PHILLIPS #1 (HVY OIL)	17	718	5.9	80.0	96.0	9,497	HVY OIL	1,079	6,319,741	6,819.0	30,687	4.27	28.44
21 PHILLIPS #2 (HVY OIL)	17	695	5.7	53.3	95.1	9,496	HVY OIL	1,044	6,321,839	6,600.0	29,692	4.27	28.44
22 SEB-PHILLIPS TOTAL	34	1,413	5.8	66.7	95.5	9,497	HVY OIL	2,123	6,320,772	13,419.0	60,379	4.27	28.44
23 POLK COAL	250	93,869	52.0	-	-	8,754	COAL	30,800	26,073,799	820,013.0	1,507,807	1.61	48.95
24 POLK OIL	250	1,465	0.8	-	-	8,756	LGT OIL	2,200	5,830,909	12,828.0	65,383	4.46	29.72
25 POLK TOTAL	250	95,134	52.9	53.5	99.4	8,754	-	-	-	832,841.0	1,573,200	1.65	-
26 GAN.C.T.#1	15	38	0.4	34.6	84.4	21,763	LGT OIL	143	5,783,217	827.0	3,549	9.34	24.82
27 B.B.C.T.#1	15	76	0.7	65.0	101.3	20,829	LGT OIL	273	5,798,535	1,583.0	6,775	8.91	24.82
28 B.B.C.T.#2	65	403	0.9	69.2	88.6	16,893	LGT OIL	1,174	5,798,978	6,808.0	29,133	7.23	24.82
29 B.B.C.T.#3	65	536	1.1	69.2	82.5	16,692	LGT OIL	1,542	5,802,205	8,947.0	38,265	7.14	24.82
30 C.T. TOTAL	160	1,053	0.9	65.5	86.0	17,251	LGT OIL	3,132	5,799,808	18,165.0	77,722	7.38	24.82
31 TOT COAL (GAN, BB, POLK)	3,095	1,627,998	73.1	80.5	-	9,980	COAL	717,028	22,658,405	16,246,711.0	34,539,307	2.12	48.17
32 SYSTEM	3,485	1,635,379	65.2	79.7	91.7	9,996	-	-	-	16,346,763.0	34,615,373	2.14	-

LEGEND: H.P. = HOOKER'S POINT    B.B. = BIG BEND    HVY=HEAVY    NAT=NATURAL  
SEB=SEBRING    GAN. = GANNON    C.T. = COMBUSTION TURBINE    LGT=LIGHT

**SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS**  
**TAMPA ELECTRIC COMPANY**  
**ESTIMATED FOR THE PERIOD OF: APRIL 1997 THRU SEPTEMBER 1997**

	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	TOTAL
<b>HEAVY OIL</b>							
1 PURCHASES:							
2 UNITS (BBL)	10,082	16,774	23,083	26,468	17,660	10,926	104,993
3 UNIT COST (\$/BBL)	22.60	22.05	20.40	20.16	20.19	20.26	20.76
4 AMOUNT (\$)	227,892	369,794	470,685	533,465	356,585	221,337	2,180,058
6 BURNED:							
6 UNITS (BBL)	10,082	16,774	23,083	26,468	17,660	10,926	104,993
7 UNIT COST (\$/BBL)	22.17	21.45	21.05	20.96	21.04	21.32	21.23
8 AMOUNT (\$)	223,525	359,862	485,893	554,685	371,642	232,951	2,228,558
9 ENDING INVENTORY:							
10 UNITS (BBL)	89,773	89,773	89,773	89,773	89,773	89,773	89,773
11 UNIT COST (\$/BBL)	18.77	16.17	19.33	19.44	19.51	19.56	19.56
12 AMOUNT (\$)	1,685,013	1,721,316	1,735,242	1,744,787	1,751,729	1,756,008	1,756,008
13 DAYS SUPPLY:	125	123	150	204	344	623	-
<b>LIGHT OIL</b>							
14 PURCHASES:							
15 UNITS (BBL)	16,965	21,039	22,744	24,817	19,958	14,447	119,970
16 UNIT COST (\$/BBL)	25.84	24.22	25.10	25.17	25.02	24.61	24.99
17 AMOUNT (\$)	438,365	509,661	570,812	624,691	499,276	355,609	2,998,414
18 BURNED:							
19 UNITS (BBL)	8,671	11,260	13,070	15,031	10,273	5,332	63,637
20 UNIT COST (\$/BBL)	31.03	31.90	30.45	27.81	27.35	26.84	29.36
21 AMOUNT (\$)	269,092	359,193	397,927	418,019	280,928	143,115	1,868,274
22 ENDING INVENTORY:							
23 UNITS (BBL)	93,462	93,462	93,462	93,462	93,462	93,462	93,462
24 UNIT COST (\$/BBL)	29.33	28.42	27.80	28.01	27.78	27.63	27.63
25 AMOUNT (\$)	2,740,860	2,655,831	2,597,881	2,617,540	2,598,800	2,582,771	2,582,771
26 DAYS SUPPLY: NORMAL	128	130	149	168	181	190	-
27 DAYS SUPPLY: EMERGENCY	13	13	13	13	13	13	-
<b>COAL</b>							
28 PURCHASES:							
29 UNITS (TONS)	655,300	681,300	655,300	681,300	785,300	603,300	4,061,800
30 UNIT COST (\$/TON)	47.19	47.46	48.43	47.38	46.90	46.97	47.68
31 AMOUNT (\$)	30,923,867	32,331,430	31,737,464	32,278,016	36,832,167	29,546,351	193,649,095
32 BURNED:							
33 UNITS (TONS)	613,787	675,927	700,968	743,824	764,650	717,028	4,216,184
34 UNIT COST (\$/TON)	47.64	47.43	48.12	47.87	47.66	48.17	47.82
35 AMOUNT (\$)	29,239,198	32,060,488	33,731,687	35,603,192	36,446,487	34,539,307	201,619,359
36 ENDING INVENTORY:							
37 UNITS (TONS)	724,676	730,049	684,381	621,857	642,507	528,779	528,779
38 UNIT COST (\$/TON)	46.20	46.65	47.28	47.16	46.70	47.84	47.84
39 AMOUNT (\$)	33,478,658	34,055,369	32,355,392	29,326,883	30,007,800	25,294,332	25,294,332
40 DAYS SUPPLY:	31	30	28	27	30	26	-
<b>NATURAL GAS</b>							
41 PURCHASES:							
42 UNITS (MCF)	0	0	0	0	0	0	0
43 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44 AMOUNT (\$)	0	0	0	0	0	0	0
45 BURNED:							
46 UNITS (MCF)	0	0	0	0	0	0	0
47 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48 AMOUNT (\$)	0	0	0	0	0	0	0
49 ENDING INVENTORY:							
50 UNITS (MCF)	0	0	0	0	0	0	0
51 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52 AMOUNT (\$)	0	0	0	0	0	0	0
53 DAYS SUPPLY:	0	0	0	0	0	0	-
<b>NUCLEAR</b>							
54 BURNED:							
55 UNITS (MMBTU)	0	0	0	0	0	0	0
56 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57 AMOUNT (\$)	0	0	0	0	0	0	0
<b>OTHER</b>							
58 PURCHASES:							
59 UNITS (MMBTU)	0	0	0	0	0	0	0
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61 AMOUNT (\$)	0	0	0	0	0	0	0
62 BURNED:							
63 UNITS (MMBTU)	0	0	0	0	0	0	0
64 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65 AMOUNT (\$)	0	0	0	0	0	0	0
66 ENDING INVENTORY:							
67 UNITS (MMBTU)	0	0	0	0	0	0	0
68 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69 AMOUNT (\$)	0	0	0	0	0	0	0
70 DAYS SUPPLY:	0	0	0	0	0	0	-

NOTE: BEGINNING &amp; ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING:

(1) LIGHT OIL-OTHER USAGE NOT INCLUDED.

(2) COAL-ADDITIVES, IGNITOR AND/OR INVENTORY ADJUSTMENT ARE INCLUDED.

POWER SOLD  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD OF APRIL 1987 THRU SEPTEMBER 1987

SCHEDULE 88

(1) MONTH	(2) SOLD TO	(3) TYPE & SCHEDULE	(4) TOTAL BWH SOLD	(5) BWH WHISTLED FROM OTHER SYSTEMS	(6) BWH FROM OWN GENERATION	(7) GENERATION P.V.L. CON.	(8) TOTAL COST	(9) TOTAL FOR FULL ADJUSTMENT NET/VAL	(10) TOTAL COST (9)(7)(8)	(11) BWH OAN ON ECONOMY SALES
Sep-87	VARIOUS	VARIOUS	160,662.0	0.0	160,662.0	1.734	1,869	2,387,200.00	3,664,500.00	366,860.00
	VARIOUS	SEPARATED	8,064.0	0.0	8,064.0	1.534	1,534	128,500.00	128,500.00	
	VARIOUS	SEPARATED	26,888.0	0.0	26,888.0	1.371	1,371	482,222.00	605,500.00	
	HPP	SEPARATED	17,841.0	0.0	17,841.0	2.160	2,734	384,000.00	466,400.00	
	LAKELAND/OP/PA	SEPARATED	28,078.0	0.0	28,078.0	1.488	1,728	417,800.00	466,200.00	
	VARIOUS	VARIOUS	1,473.0	0.0	1,473.0	1.602	1,602	23,600.00	23,600.00	
TOTAL	LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS		264,297.0	0.0	264,297.0	1.637	1,937	4,714,330.00	5,595,200.00	266,860.00
Aug-87	VARIOUS	VARIOUS	117,977.0	0.0	117,977.0	1.878	2,148	2,213,100.00	2,534,200.00	296,860.00
	VARIOUS	SEPARATED	8,281.0	0.0	8,281.0	1.628	1,628	162,200.00	162,200.00	
	VARIOUS	SEPARATED	37,281.0	0.0	37,281.0	1.380	1,628	616,500.00	626,500.00	
	HPP	SEPARATED	11,417.0	0.0	11,417.0	2.178	2,731	246,700.00	316,700.00	
	LAKELAND/OP/PA	SEPARATED	29,015.0	0.0	29,015.0	1.488	1,728	431,200.00	501,400.00	
	VARIOUS	VARIOUS	27.0	0.0	27.0	1.481	1,481	400.00	400.00	
TOTAL	LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS		206,138.0	0.0	206,138.0	1.712	2,008	3,811,480.00	4,115,200.00	296,860.00
Jun-87	VARIOUS	VARIOUS	119,410.0	0.0	119,410.0	1.869	2,203	2,256,600.00	2,620,200.00	296,860.00
	VARIOUS	SEPARATED	8,482.0	0.0	8,482.0	1.605	1,605	156,400.00	156,400.00	
	VARIOUS	SEPARATED	26,664.0	0.0	26,664.0	1.382	1,647	640,500.00	626,500.00	
	HPP	SEPARATED	14,811.0	0.0	14,811.0	2.288	2,882	331,500.00	421,100.00	
	LAKELAND/OP/PA	SEPARATED	28,081.0	0.0	28,081.0	1.532	1,728	421,800.00	466,400.00	
	VARIOUS	VARIOUS	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
TOTAL	LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS		206,138.0	0.0	206,138.0	1.712	2,008	3,811,480.00	4,115,200.00	296,860.00
Apr-87	VARIOUS	VARIOUS	136,691.0	0.0	136,691.0	1.806	2,146	2,527,000.00	2,832,600.00	317,260.00
	VARIOUS	SEPARATED	6,796.0	0.0	6,796.0	1.689	1,689	114,100.00	114,100.00	
	VARIOUS	SEPARATED	40,168.0	0.0	40,168.0	1.447	1,647	662,200.00	681,200.00	
	HPP	SEPARATED	19,808.0	0.0	19,808.0	2.246	2,889	440,200.00	560,800.00	
	LAKELAND/OP/PA	SEPARATED	29,015.0	0.0	29,015.0	1.514	1,728	429,400.00	501,400.00	
	VARIOUS	VARIOUS	28.0	0.0	28.0	1.538	1,538	400.00	400.00	
TOTAL	LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS		210,408.0	0.0	210,408.0	1.756	2,087	3,696,800.00	4,226,100.00	317,260.00
Aug-87	VARIOUS	VARIOUS	146,482.0	0.0	146,482.0	1.880	2,137	2,722,000.00	3,120,800.00	318,120.00
	VARIOUS	SEPARATED	6,794.0	0.0	6,794.0	1.686	1,686	112,200.00	112,200.00	
	VARIOUS	SEPARATED	40,177.0	0.0	40,177.0	1.400	1,647	662,600.00	681,600.00	
	HPP	SEPARATED	17,066.0	0.0	17,066.0	2.213	2,827	317,500.00	422,100.00	
	LAKELAND/OP/PA	SEPARATED	29,015.0	0.0	29,015.0	1.513	1,728	429,000.00	501,400.00	
	VARIOUS	VARIOUS	28.0	0.0	28.0	1.786	1,786	500.00	500.00	
TOTAL	LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS		222,262.0	0.0	222,262.0	1.746	2,064	4,006,500.00	4,771,400.00	318,120.00
Sep-87	VARIOUS	VARIOUS	126,771.0	0.0	126,771.0	1.883	2,080	2,424,200.00	2,841,200.00	213,600.00
	VARIOUS	SEPARATED	6,782.0	0.0	6,782.0	1.682	1,682	111,700.00	111,700.00	
	VARIOUS	SEPARATED	28,788.0	0.0	28,788.0	1.384	1,639	540,800.00	626,500.00	
	HPP	SEPARATED	7,679.0	0.0	7,679.0	2.287	2,800	173,100.00	228,500.00	
	LAKELAND/OP/PA	SEPARATED	26,079.0	0.0	26,079.0	1.506	1,728	422,100.00	466,200.00	
	VARIOUS	VARIOUS	202.0	0.0	202.0	1.623	1,623	4,900.00	4,900.00	
TOTAL	LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS		210,272.0	0.0	210,272.0	1.691	1,973	3,596,000.00	4,144,500.00	213,600.00
Apr-87	VARIOUS	VARIOUS	846,283.0	0.0	846,283.0	1.841	2,103	16,566,400.00	17,774,700.00	1,775,440.00
	VARIOUS	SEPARATED	46,136.0	0.0	46,136.0	1.632	1,632	786,800.00	786,800.00	
	VARIOUS	SEPARATED	231,228.0	0.0	231,228.0	1.380	1,638	3,214,100.00	3,733,600.00	
	HPP	SEPARATED	66,101.0	0.0	66,101.0	2.225	2,838	1,980,000.00	2,500,400.00	
	LAKELAND/OP/PA	SEPARATED	171,264.0	0.0	171,264.0	1.502	1,728	2,571,900.00	2,980,200.00	
	VARIOUS	VARIOUS	1,868.0	0.0	1,868.0	1.608	1,608	29,800.00	29,800.00	
TOTAL	LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS		1,363,669.0	0.0	1,363,669.0	1.710	2,009	23,700,440.00	27,634,500.00	1,775,440.00

PURCHASED POWER  
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)  
TAMPA ELECTRIC COMPANY

SCHEDULE E7

ESTIMATED FOR THE PERIOD OF: APRIL 1997 THRU SEPTEMBER 1997

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) cents/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT (7)X(8A)
							(A) FUEL COST	(B) TOTAL COST	
Apr-97	VARIOUS	EMER.	2,362.0	0.0	1,828.0	534.0	5.674	5.674	30,300.00
	HPP	IPP	24,689.0	0.0	0.0	24,689.0	3.222	3.222	795,600.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	27,051.0	0.0	1,828.0	25,223.0	3.274	3.274	825,900.00
May-97	VARIOUS	EMER.	2,107.0	0.0	1,655.0	452.0	5.686	5.686	25,700.00
	HPP	IPP	61,794.0	0.0	0.0	61,794.0	3.099	3.099	1,914,900.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	63,901.0	0.0	1,655.0	62,246.0	3.118	3.118	1,940,600.00
Jun-97	VARIOUS	EMER.	4,234.0	0.0	3,270.0	964.0	5.674	5.674	54,700.00
	HPP	IPP	80,564.0	0.0	0.0	80,564.0	2.905	2.905	2,340,300.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	84,798.0	0.0	3,270.0	81,528.0	2.938	2.938	2,395,000.00
Jul-97	VARIOUS	EMER.	4,916.0	0.0	3,618.0	1,298.0	5.678	5.678	73,700.00
	HPP	IPP	77,997.0	0.0	0.0	77,997.0	2.964	2.964	2,312,100.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	82,913.0	0.0	3,618.0	79,295.0	3.009	3.009	2,385,800.00
Aug-97	VARIOUS	EMER.	2,452.0	0.0	1,844.0	608.0	5.674	5.674	34,500.00
	HPP	IPP	70,059.0	0.0	0.0	70,059.0	3.004	3.004	2,104,800.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	72,511.0	0.0	1,844.0	70,667.0	3.027	3.027	2,139,300.00
Sep-97	VARIOUS	EMER.	1,691.0	0.0	1,282.0	409.0	5.672	5.672	23,200.00
	HPP	IPP	46,403.0	0.0	0.0	46,403.0	3.411	3.411	1,582,600.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	48,094.0	0.0	1,282.0	46,812.0	3.430	3.430	1,605,800.00
Apr-97 THRU Sep-97	VARIOUS HPP ST. CLOUD	EMER. IPP PEAKING	17,762.0 361,506.0 0.0	0.0 0.0 0.0	13,497.0 0.0 0.0	4,265.0 361,506.0 0.0	5.676 3.057 0.000	5.676 3.057 0.000	242,100.00 11,050,300.00 0.00
TOTAL		-	379,268.0	0.0	13,497.0	365,771.0	3.087	3.087	11,292,400.00

ENERGY PAYMENT TO QUALIFYING FACILITIES  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD OF: APRIL 1997 THRU SEPTEMBER 1997

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUP- TIBLE	(7) MWH FOR FIRM	(8) cents/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT (7)X(8A)
							(A) FUEL COST	(B) TOTAL COST	
Apr-97	VARIOUS	CO-GEN.	40,668.0	0.0	0.0	40,668.0	1.920	1.920	781,000.00
May-97	VARIOUS	CO-GEN.	23,721.0	0.0	0.0	23,721.0	2.112	2.112	501,000.00
Jun-97	VARIOUS	CO-GEN.	39,041.0	0.0	0.0	39,041.0	2.233	2.233	871,800.00
Jul-97	VARIOUS	CO-GEN.	42,098.0	0.0	0.0	42,098.0	2.221	2.221	934,800.00
Aug-97	VARIOUS	CO-GEN.	42,023.0	0.0	0.0	42,023.0	2.081	2.081	874,700.00
Sep-97	VARIOUS	CO-GEN.	40,596.0	0.0	0.0	40,596.0	1.945	1.945	789,600.00
TOTAL			228,147.0	0.0	0.0	228,147.0	2.083	2.083	4,752,900.00



ECONOMY ENERGY PURCHASES  
 TAMPA ELECTRIC COMPANY  
 ESTIMATED FOR THE PERIOD OF: APRIL 1997 THRU SEPTEMBER 1997

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	TRANSACT. COST cents/KWH	TOTAL \$ FOR FUEL ADJUSTMENT (4)X(5)	COST IF GENERATED		FUEL SAVINGS (7B)-(6)
						(A) cents/KWH	(B) (\$000'S)	
Apr-97	VARIOUS	ECON.	1,639.0	4.558	74,700.00	5.662	92,800.00	18,100.00
May-97	VARIOUS	ECON.	4,831.0	4.177	201,800.00	5.022	242,600.00	40,800.00
Jun-97	VARIOUS	ECON.	5,885.0	4.168	245,300.00	4.906	288,700.00	43,400.00
Jul-97	VARIOUS	ECON.	6,402.0	4.280	274,000.00	5.008	320,600.00	46,600.00
Aug-97	VARIOUS	ECON.	4,314.0	3.999	172,500.00	4.784	206,400.00	33,900.00
Sep-97	VARIOUS	ECON.	4,501.0	3.877	174,500.00	4.834	217,600.00	43,100.00
<b>TOTAL</b>			<b>27,572.0</b>	<b>4.145</b>	<b>1,142,800.00</b>	<b>4.964</b>	<b>1,368,700.00</b>	<b>225,900.00</b>

RESIDENTIAL BILL COMPARISON  
 FOR MONTHLY USAGE OF 1000 KWH  
 TAMPA ELECTRIC COMPANY  
 ESTIMATED FOR THE PERIOD\* OF: APRIL 1997 THRU SEPTEMBER 1997

		Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97	TOTAL
BASE RATE REVENUES	(\$)	51.92	51.92	51.92	51.92	51.92	51.92	51.92
FUEL RECOVERY REVENUES	(\$)	24.32	24.32	24.32	24.32	24.32	24.32	24.32
CONSERVATION REVENUES	(\$)	1.63	1.63	1.63	1.63	1.63	1.63	1.63
CAPACITY REVENUES	(\$)	1.79	1.79	1.79	1.79	1.79	1.79	1.79
ENVIRONMENTAL REVENUES	(\$)	0.33	0.33	0.33	0.33	0.33	0.33	0.33
REVENUE TAX REFUND	(\$)	(1.69)	(1.69)	(1.69)	(1.69)	(1.69)	(1.69)	(1.69)
FL. GROSS REC. TAX REVENUES	(\$)	2.01	2.01	2.01	2.01	2.01	2.01	2.01
<b>TOTAL REVENUES</b>	<b>(\$)</b>	<b>80.31</b>	<b>80.31</b>	<b>80.31</b>	<b>80.31</b>	<b>80.31</b>	<b>80.31</b>	<b>80.31</b>

\* MONTHLY AND CUMULATIVE SIX MONTH ESTIMATED DATA

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION  
 TAMPA ELECTRIC COMPANY  
 FOR THE PERIOD: OCTOBER 1996 THRU MARCH 1997

SCHEDULE E2

LINE NUMBER	ACTUAL				ESTIMATED			TOTAL PERIOD	LINE NUMBER
	OCT-96	NOV-96	DEC-96	JAN-97	FEB-97	MAR-97			
1	30,942,349	29,627,173	26,969,055	31,061,471	28,716,268	29,954,999	177,291,335	1	
1a	0	0	0	0	0	0	0	1a	
2	4,711,849	7,144,073	3,179,920	5,608,200	5,023,080	5,208,080	30,875,202	2	
3	562,718	293,399	199,500	414,700	678,300	841,100	2,989,717	3	
3a	0	0	0	0	0	0	0	3a	
3b	549,328	492,161	524,800	534,300	557,200	605,700	3,263,489	3b	
4	123,462	89,094	12,900	22,900	26,000	26,800	300,956	4	
4a	(2,519)	(1,070)	(3,000)	(3,000)	(3,000)	(3,000)	(15,589)	4a	
4b	232,420	220,014	155,943	107,186	99,151	114,929	929,843	4b	
5	27,695,909	23,576,696	24,699,278	26,529,357	25,050,859	26,332,248	153,864,349	5	
6	1,234,127	1,116,481	1,129,572	1,200,270	1,134,560	1,081,878	6,898,906	6	
6a	0,992,090	0,988,047	0,999,763	0,995,724	0,999,708	0,995,761	-	6a	
6b	27,477,361	23,294,760	24,692,765	26,411,866	24,949,924	26,220,760	153,047,466	6b	
7	1,00013	1,00013	1,00013	1,00013	1,00013	1,00013	-	7	
7a	27,480,933	23,297,788	24,695,975	26,415,330	24,953,167	26,224,169	153,067,362	7a	
7b	474,973	472,142	469,911	467,060	464,549	462,018	2,810,073	7b	
7c	470,927	466,466	469,487	465,012	462,877	460,062	2,794,061	7c	
7d	27,951,660	23,764,284	25,165,462	26,880,342	25,415,844	26,684,231	155,862,023	7d	
8	2,2649	2,1247	2,2279	2,2395	2,2401	2,4685	2,2592	8	
9	0,1148	0,1148	0,1148	0,1148	0,1148	0,1148	0,1148	9	
10	2,3797	2,2395	2,3427	2,3543	2,3549	2,5813	2,3740	10	
11	1,00083	1,00083	1,00083	1,00083	1,00083	1,00083	1,00083	11	
12	2,3817	2,2414	2,3446	2,3563	2,3569	2,5834	2,3760	12	
13	(0,0015)	(0,0015)	(0,0015)	(0,0015)	(0,0015)	(0,0015)	(0,0015)	13	
14	2,3602	2,2399	2,3431	2,3548	2,3554	2,5819	2,3745	14	
15	2,390	2,240	2,343	2,356	2,356	2,582	2,375	15	

RECOVERY FACTOR (LINES 12+13)  
 RECOVERY FACTOR ROUNDED TO NEAREST .001 cents/KWH  
 \* INCLUDES ECONOMY SALES PROFITS (80%)  
 \*\* BASED ON JURISDICTIONAL SALES ONLY  
 \*\*\* ACTUALS INCLUDE POLK PROJ. RESERVE DOLLARS OF (\$176) FOR OCTOBER 1996.

**GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY  
ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 THRU MARCH 1997**

	ACTUAL		ESTIMATED				TOTAL
	Oct-96	Nov-96	Dec-96	Jan-97	Feb-97	Mar-97	
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1 HEAVY OIL	200,823	56,593	10,400	23,915	40,618	66,434	400,783
2 LIGHT OIL	602,843	436,303	72,274	115,202	132,188	154,709	1,513,519
3 COAL	30,138,683	29,134,277	26,906,381	30,622,354	28,543,482	29,731,856	175,377,033
4 NATURAL GAS	0	0	0	0	0	0	0
5 NUCLEAR	0	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0	0
7 TOTAL (\$)	30,942,349	29,627,173	26,989,055	31,061,471	28,716,288	29,954,999	177,291,335
<b>SYSTEM NET GENERATION (MWH)</b>							
8 HEAVY OIL	4,104	487	243	512	838	1,449	7,623
9 LIGHT OIL	17,036	8,528	1,306	1,833	2,059	2,472	33,234
10 COAL	1,483,763	1,467,012	1,398,727	1,570,650	1,397,421	1,435,802	8,753,375
11 NATURAL GAS	0	0	0	0	0	0	0
12 NUCLEAR	0	0	0	0	0	0	0
13 OTHER	0	0	0	0	0	0	0
14 TOTAL (MWH)	1,504,903	1,476,027	1,400,276	1,572,995	1,400,308	1,439,723	8,794,232
<b>UNITS OF FUEL BURNED</b>							
15 HEAVY OIL (BBL)	8,552	2,226	365	769	1,244	2,178	15,334
16 LIGHT OIL (BBL)	18,807	13,655	2,355	3,861	4,420	5,183	48,281
17 COAL (TON)	697,448	673,189	608,078	679,576	608,856	628,857	3,898,004
18 NATURAL GAS (MCF)	0	0	0	0	0	0	0
19 NUCLEAR (MMBTU)	0	0	0	0	0	0	0
20 OTHER	0	0	0	0	0	0	0
<b>BTUS BURNED (MMBTU)</b>							
21 HEAVY OIL	53,729	13,968	2,309	4,862	7,864	13,767	96,497
22 LIGHT OIL	109,734	79,624	13,822	22,522	25,487	30,126	281,315
23 COAL	15,802,083	15,440,995	14,196,982	15,856,910	14,156,111	14,595,246	90,219,307
24 NATURAL GAS	0	0	0	0	0	0	0
25 NUCLEAR	0	0	0	0	0	0	0
26 OTHER	0	0	0	0	0	0	0
27 TOTAL (MMBTU)	15,965,526	15,534,685	14,213,113	15,884,294	14,189,467	14,639,139	90,420,119
<b>GENERATION MIX (% MWH)</b>							
28 HEAVY OIL	0.27	0.03	0.02	0.03	0.06	0.10	0.09
29 LIGHT OIL	1.13	0.58	0.09	0.12	0.15	0.17	0.38
30 COAL	98.60	99.39	99.89	99.85	99.79	99.73	99.53
31 NATURAL GAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34 TOTAL (%)	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>FUEL COST PER UNIT</b>							
35 HEAVY OIL (\$/BBL)	23.48	25.42	28.49	31.10	32.65	31.42	26.14
36 LIGHT OIL (\$/BBL)	32.05	31.95	30.69	29.84	29.91	29.85	31.35
37 COAL (\$/TON)	43.21	43.28	44.25	45.50	46.88	47.28	45.01
38 NATURAL GAS (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 NUCLEAR (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>FUEL COST PER MMBTU (\$/MMBTU)</b>							
41 HEAVY OIL	3.74	4.05	4.50	4.92	5.17	4.97	4.15
42 LIGHT OIL	5.49	5.48	5.23	5.12	5.19	5.14	5.38
43 COAL	1.91	1.89	1.90	1.95	2.02	2.04	1.95
44 NATURAL GAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 TOTAL (\$/MMBTU)	1.94	1.91	1.90	1.96	2.02	2.05	1.96
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48 HEAVY OIL	13,092	28,678	9,502	9,496	9,498	9,501	12,659
49 LIGHT OIL	6,441	9,337	10,583	12,287	12,378	12,187	8,465
50 COAL	10,650	10,525	10,150	10,098	10,130	10,166	10,267
51 NATURAL GAS	0	0	0	0	0	0	0
52 NUCLEAR	0	0	0	0	0	0	0
53 OTHER	0	0	0	0	0	0	0
54 TOTAL (BTU/KWH)	10,609	10,525	10,150	10,098	10,133	10,168	10,282
<b>GENERATED FUEL COST PER KWH (cents/KWH)</b>							
55 HEAVY OIL	4.89	11.62	4.28	4.67	4.91	4.72	5.26
56 LIGHT OIL	3.54	5.12	5.53	6.28	6.42	6.26	4.55
57 COAL	2.03	1.99	1.92	1.97	2.04	2.07	2.00
58 NATURAL GAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61 TOTAL (cents/KWH)	2.08	2.01	1.93	1.97	2.05	2.08	2.02

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS  
TAMPA ELECTRIC COMPANY  
ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 THRU MARCH 1997

	ACTUAL			ESTIMATED			TOTAL
	Oct-96	Nov-96	Dec-96	Jan-97	Feb-97	Mar-97	
<b>HEAVY OIL</b>							
1 PURCHASES:							
2 UNITS (BBL)	7,044	2,956	365	769	1,244	2,178	14,556
3 UNIT COST (\$/BBL)	22.77	23.77	24.38	24.65	24.79	24.35	23.52
4 AMOUNT (\$)	160,370	70,256	8,891	18,958	30,842	53,032	342,349
5 BURNED:							
6 UNITS (BBL)	8,552	2,226	385	769	1,244	2,178	15,334
7 UNIT COST (\$/BBL)	23.48	25.42	28.49	31.10	32.65	31.42	26.14
8 AMOUNT (\$)	200,623	56,593	10,400	23,915	40,618	68,434	400,783
9 ENDING INVENTORY:							
10 UNITS (BBL)	86,970	87,700	89,773	89,773	89,773	89,773	89,773
11 UNIT COST (\$/BBL)	18.76	18.79	18.45	18.46	18.48	18.49	18.49
12 AMOUNT (\$)	1,631,574	1,647,795	1,656,723	1,657,620	1,658,825	1,659,533	1,659,533
13 DAYS SUPPLY:	731	835	1,910	591	284	164	
<b>LIGHT OIL</b>							
14 PURCHASES:							
15 UNITS (BBL)	15,694	37,118	11,273	12,547	12,936	13,890	103,458
16 UNIT COST (\$/BBL)	43.58	31.22	30.51	30.28	29.87	28.21	32.33
17 AMOUNT (\$)	683,943	1,158,805	343,980	379,922	386,456	391,800	3,344,906
18 BURNED:							
19 UNITS (BBL)	18,807	13,655	2,355	3,861	4,420	5,183	48,281
20 UNIT COST (\$/BBL)	32.05	31.95	30.69	29.84	29.91	29.85	31.35
21 AMOUNT (\$)	602,843	436,303	72,274	115,202	132,188	154,709	1,513,519
22 ENDING INVENTORY:							
23 UNITS (BBL)	81,441	93,462	93,462	93,462	93,462	93,462	93,462
24 UNIT COST (\$/BBL)	29.17	29.56	29.71	29.86	29.94	29.80	29.80
25 AMOUNT (\$)	2,375,994	2,762,506	2,778,894	2,790,746	2,798,629	2,785,170	2,785,170
26 DAYS SUPPLY: NORMAL	168	205	222	197	171	144	
27 DAYS SUPPLY: EMERGENCY	12	13	13	13	13	13	
<b>COAL</b>							
28 PURCHASES:							
29 UNITS (TONS)	624,505	579,410	720,800	707,300	707,300	759,300	4,098,615
30 UNIT COST (\$/TON)	42.98	43.16	44.76	45.60	43.96	46.21	45.06
31 AMOUNT (\$)	26,841,385	25,007,895	32,262,320	32,252,769	33,214,313	35,088,919	184,667,601
32 BURNED:							
33 UNITS (TONS)	697,448	673,189	608,078	679,576	608,856	628,857	3,896,004
34 UNIT COST (\$/TON)	43.21	43.28	44.25	45.50	46.88	47.28	45.01
35 AMOUNT (\$)	30,138,683	29,134,277	26,906,381	30,922,354	28,543,482	29,731,856	175,377,033
36 ENDING INVENTORY:							
37 UNITS (TONS)	377,964	281,833	426,552	454,276	552,720	663,163	683,163
38 UNIT COST (\$/TON)	43.61	43.24	45.18	46.04	46.83	46.13	46.13
39 AMOUNT (\$)	16,481,967	12,185,274	19,270,732	20,914,637	25,881,805	31,514,944	31,514,944
40 DAYS SUPPLY:	19	14	20	22	27	31	
<b>NATURAL GAS</b>							
41 PURCHASES:							
42 UNITS (MCF)	0	0	0	0	0	0	0
43 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44 AMOUNT (\$)	0	0	0	0	0	0	0
45 BURNED:							
46 UNITS (MCF)	0	0	0	0	0	0	0
47 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48 AMOUNT (\$)	0	0	0	0	0	0	0
49 ENDING INVENTORY:							
50 UNITS (MCF)	0	0	0	0	0	0	0
51 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52 AMOUNT (\$)	0	0	0	0	0	0	0
53 DAYS SUPPLY:	0	0	0	0	0	0	
<b>NUCLEAR</b>							
54 BURNED:							
55 UNITS (MMBTU)	0	0	0	0	0	0	0
56 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57 AMOUNT (\$)	0	0	0	0	0	0	0
<b>OTHER</b>							
58 PURCHASES:							
59 UNITS (MMBTU)	0	0	0	0	0	0	0
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61 AMOUNT (\$)	0	0	0	0	0	0	0
62 BURNED:							
63 UNITS (MMBTU)	0	0	0	0	0	0	0
64 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65 AMOUNT (\$)	0	0	0	0	0	0	0
66 ENDING INVENTORY:							
67 UNITS (MMBTU)	0	0	0	0	0	0	0
68 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69 AMOUNT (\$)	0	0	0	0	0	0	0
70 DAYS SUPPLY:	0	0	0	0	0	0	

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING:  
(1) LIGHT OIL-OTHER USAGE NOT INCLUDED.  
(2) COAL-ADDITIVES, IGNITOR AND/OR INVENTORY ADJUSTMENT ARE INCLUDED.

POWER SOLD  
TAMPA ELECTRIC COMPANY  
ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1988 THRU MARCH 1987

(1) MONTH	(2) SOLD TO		(3) TYPE & SCHEDULE	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) CENTRAL MWH		(8) TOTAL \$ FOR FUEL ADJUSTMENT (B)(7A)	(9) TOTAL COST \$ (B)(7B)	(10) 80% GAIN ON ECONOMY ENERGY SALES
							(A) FUEL COST	(B) TOTAL COST			
ACTUAL Oct-86	VARIOUS	JURISD.	ECON. SCH.-D	213,806.0	0.0	213,806.0	1.413	1.914	3,015,976.80	4,087,079.89	806,882.47
	VARIOUS	SEPARATED	SCH.-D	8,387.0	29.0	8,328.0	1.310	1.310	108,117.86	108,117.86	
	VARIOUS	SEPARATED	SCH.-D	41,469.0	0.0	41,469.0	1.298	1.518	538,319.84	628,382.80	
			ALLOWANCES						0.00	0.00	
	HPP	SEPARATED	CONTRACT	9,378.0	0.0	9,378.0	2.365	2.959	221,783.88	277,489.20	
			ALLOWANCES						0.00	0.00	
	LAKELAND/FMPA		SCH.-D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
			ALLOWANCES						0.00	0.00	
	VARIOUS	JURISD.	SCH.-J	10,458.0	0.0	10,458.0	1.931	1.931	201,955.30	201,955.30	
			LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS						(232,106.49)	656,882.47	
TOTAL				283,157.0	29.0	283,128.0	1.884	1.874	4,711,849.45	5,304,975.05	
ACTUAL Nov-86	VARIOUS	JURISD.	ECON. SCH.-D	308,001.0	0.0	308,001.0	1.428	2.025	4,368,670.48	6,186,375.78	1,468,279.71
	VARIOUS	SEPARATED	SCH.-D	8,178.0	32.2	8,145.8	1.308	1.308	108,591.41	108,591.41	
	VARIOUS	SEPARATED	SCH.-D	41,480.0	0.0	41,480.0	1.329	1.548	551,148.79	642,218.01	
			ALLOWANCES						0.00	0.00	
	HPP	SEPARATED	CONTRACT	12,912.0	0.0	12,912.0	1.841	2.469	237,702.38	317,520.24	
			ALLOWANCES						0.00	0.00	
	LAKELAND/FMPA		SCH.-D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
			ALLOWANCES						0.00	0.00	
	VARIOUS	JURISD.	SCH.-J	37,171.0	0.0	37,171.0	2.042	2.042	758,832.61	758,832.68	
			LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS						(7,844.32) (339,578.58)	1,408,279.71	
TOTAL				406,742.0	32.2	406,709.8	1.781	1.877	7,144,073.43	8,021,608.12	
ESTIMATED Dec-86	VARIOUS	JURISD.	ECON. SCH.-D	105,491.0	0.0	105,491.0	1.525	1.882	2,823,800.00	2,800,700.00	221,520.00
	VARIOUS	SEPARATED	SCH.-D	8,817.0	0.0	8,817.0	1.380	1.380	119,300.00	119,300.00	
	VARIOUS	SEPARATED	SCH.-D	38,354.0	0.0	38,354.0	1.348	1.591	516,800.00	610,300.00	
			ALLOWANCES						7,300.00	7,300.00	
	HPP	SEPARATED	CONTRACT	1,040.0	0.0	1,040.0	2.086	2.852	21,800.00	30,700.00	
			ALLOWANCES						0.00	0.00	
	LAKELAND/FMPA		SCH.-D	2,975.0	0.0	2,975.0	1.890	3.479	66,300.00	103,500.00	
			ALLOWANCES						300.00	300.00	
	VARIOUS	JURISD.	SCH.-J	8,181.0	0.0	8,181.0	1.481	1.481	136,700.00	136,700.00	
			LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS						(241,300.00) (183,700.00)	221,520.00	
TOTAL				225,668.0	0.0	225,668.0	1.409	1.887	3,179,820.00	3,807,800.00	
ESTIMATED Jan-87	VARIOUS	JURISD.	ECON. SCH.-D	303,118.0	0.0	303,118.0	1.503	1.735	4,567,100.00	5,280,100.00	582,400.00
	VARIOUS	SEPARATED	SCH.-D	9,039.0	0.0	9,039.0	1.375	1.375	124,300.00	124,300.00	
	VARIOUS	SEPARATED	SCH.-D	37,249.0	0.0	37,249.0	1.387	1.837	516,800.00	609,800.00	
			ALLOWANCES						4,000.00	4,000.00	
	HPP	SEPARATED	CONTRACT	3,437.0	0.0	3,437.0	2.077	2.891	71,400.00	92,500.00	
			ALLOWANCES						100.00	100.00	
	LAKELAND/FMPA		SCH.-D	29,015.0	0.0	29,015.0	1.479	1.728	429,100.00	501,400.00	
			ALLOWANCES						1,900.00	1,900.00	
	VARIOUS	JURISD.	SCH.-J	8,818.0	0.0	8,818.0	1.481	1.481	128,800.00	128,800.00	
			LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS						(441,900.00) (345,800.00)	582,400.00	
TOTAL				390,870.0	0.0	390,870.0	1.436	1.721	5,808,200.00	6,722,800.00	
ESTIMATED Feb-87	VARIOUS	JURISD.	ECON. SCH.-D	240,828.0	0.0	240,828.0	1.618	1.926	3,886,500.00	4,538,100.00	583,280.00
	VARIOUS	SEPARATED	SCH.-D	9,039.0	0.0	9,039.0	1.442	1.442	130,300.00	130,300.00	
	VARIOUS	SEPARATED	SCH.-D	33,490.0	0.0	33,490.0	1.380	1.641	468,800.00	549,500.00	
			ALLOWANCES						3,800.00	3,800.00	
	HPP	SEPARATED	CONTRACT	2,701.0	0.0	2,701.0	2.133	2.713	57,600.00	74,100.00	
			ALLOWANCES						100.00	100.00	
	LAKELAND/FMPA		SCH.-D	28,207.0	0.0	28,207.0	1.487	1.729	389,800.00	453,000.00	
			ALLOWANCES						1,800.00	1,800.00	
	VARIOUS	JURISD.	SCH.-J	7,312.0	0.0	7,312.0	1.508	1.508	110,100.00	110,100.00	
			LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS						(381,100.00) (274,500.00)	583,280.00	
TOTAL				319,878.0	0.0	319,878.0	1.572	1.736	5,023,080.00	5,980,800.00	
ESTIMATED Mar-87	VARIOUS	JURISD.	ECON. SCH.-D	237,533.0	0.0	237,533.0	1.653	1.970	3,925,400.00	4,880,000.00	603,680.00
	VARIOUS	SEPARATED	SCH.-D	9,145.0	0.0	9,145.0	1.480	1.480	133,500.00	133,500.00	
	VARIOUS	SEPARATED	SCH.-D	37,079.0	0.0	37,079.0	1.387	1.837	514,200.00	608,900.00	
			ALLOWANCES						5,000.00	5,000.00	
	HPP	SEPARATED	CONTRACT	4,391.0	0.0	4,391.0	2.218	2.831	87,300.00	124,300.00	
			ALLOWANCES						100.00	100.00	
	LAKELAND/FMPA		SCH.-D	29,015.0	0.0	29,015.0	1.488	1.728	431,200.00	501,400.00	
			ALLOWANCES						1,900.00	1,900.00	
	VARIOUS	JURISD.	SCH.-J	7,380.0	0.0	7,380.0	1.530	1.530	112,900.00	112,900.00	
			LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS						(348,300.00) (270,800.00)	603,680.00	
TOTAL				324,543.0	0.0	324,543.0	1.606	1.800	5,206,080.00	6,166,000.00	
Oct-86 THRU Mar-87	VARIOUS	JURISD.	ECON. SCH.-D	1,468,474.0	0.0	1,468,474.0	1.520	1.888	22,287,447.28	27,882,388.87	4,308,042.18
	VARIOUS	SEPARATED	SCH.-D	82,405.0	61.2	82,343.8	1.381	1.381	723,079.27	723,079.27	
	VARIOUS	SEPARATED	SCH.-D	229,111.0	0.0	229,111.0	1.354	1.882	3,102,788.43	3,848,878.81	
			ALLOWANCES						30,100.00	30,100.00	
	HPP	SEPARATED	CONTRACT	33,889.0	0.0	33,889.0	2.080	2.707	707,558.24	916,878.44	
			ALLOWANCES						300.00	300.00	
	LAKELAND/FMPA		SCH.-D	87,212.0	0.0	87,212.0	1.800	1.788	1,308,200.00	1,688,200.00	
			ALLOWANCES						5,500.00	5,500.00	
	VARIOUS	JURISD.	SCH.-J	80,300.0	0.0	80,300.0	1.804	1.804	1,448,387.88	1,448,387.88	
			LESS TRANSMISSION COSTS LESS VARIABLE O & M COSTS PLUS 80% OF ECON. PROFITS						(1,288,244.32) (1,848,338.18)	4,308,042.18	
TOTAL				1,949,391.0	61.2	1,949,289.8	1.584	1.848	30,875,202.89	35,984,081.17	

PURCHASED POWER  
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)  
TAMPA ELECTRIC COMPANY

SCHEDULE E7

ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 THRU MARCH 1997

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) cents/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT (7)X(8A)
							(A) FUEL COST	(B) TOTAL COST	
							ACTUAL	VARIOUS	
Oct-96	HPP	IPP	5,715.0	0.0	0.0	5,715.0	7.236	7.203	413,522.27
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	9,795.0	0.0	451.0	9,344.0	6.022	6.002	562,718.27
ACTUAL	VARIOUS	EMER.	4,983.0	0.0	676.0	4,307.0	4.393	4.393	189,198.25
Nov-96	HPP	IPP	499.0	0.0	0.0	499.0	20.882	20.884	104,201.03
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	5,482.0	0.0	676.0	4,806.0	6.105	6.105	293,399.28
ESTIMATED	VARIOUS	EMER.	263.0	0.0	183.0	80.0	4.500	4.500	3,600.00
Dec-96	HPP	IPP	2,196.0	0.0	0.0	2,196.0	8.698	8.698	191,000.00
	ST. CLOUD	PEAKING	62.0	0.0	0.0	62.0	7.903	7.903	4,900.00
TOTAL		-	2,521.0	0.0	183.0	2,338.0	6.533	6.533	199,500.00
ESTIMATED	VARIOUS	EMER.	1,245.0	0.0	762.0	483.0	4.451	4.451	21,500.00
Jan-97	HPP	IPP	8,800.0	0.0	0.0	8,800.0	4.468	4.468	393,200.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	10,045.0	0.0	762.0	9,283.0	4.467	4.467	414,700.00
ESTIMATED	VARIOUS	EMER.	1,046.0	0.0	715.0	331.0	4.471	4.471	14,800.00
Feb-97	HPP	IPP	18,377.0	0.0	0.0	18,377.0	3.610	3.610	663,500.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	19,423.0	0.0	715.0	18,708.0	3.626	3.626	678,300.00
ESTIMATED	VARIOUS	EMER.	828.0	0.0	651.0	177.0	4.463	4.463	7,900.00
Mar-97	HPP	IPP	25,632.0	0.0	0.0	25,632.0	3.251	3.251	833,200.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	26,460.0	0.0	651.0	25,809.0	3.259	3.259	841,100.00
Oct-96	VARIOUS	EMER.	12,445.0	0.0	3,438.0	9,007.0	4.288	4.288	386,194.25
THRU	HPP	IPP	61,219.0	0.0	0.0	61,219.0	4.245	4.245	2,598,623.30
Mar-97	ST. CLOUD	PEAKING	62.0			62.0	7.903	7.903	4,900.00
TOTAL		-	73,726.0	0.0	3,438.0	70,288.0	4.254	4.254	2,989,717.55

ENERGY PAYMENT TO QUALIFYING FACILITIES  
 TAMPA ELECTRIC COMPANY  
 ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 THRU MARCH 1997

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) cents/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT (7)X(8A)	
							(A) FUEL COST	(B) TOTAL COST		
ACTUAL	Oct-96	VARIOUS	CO-GEN.	39,483.0	0.0	17.0	39,466.0	1.392	1.392	549,328.08
ACTUAL	Nov-96	VARIOUS	CO-GEN.	36,685.0	0.0	71.0	36,614.0	1.344	1.344	492,161.03
ESTIMATED	Dec-96	VARIOUS	CO-GEN.	39,171.0	0.0	0.0	39,171.0	1.340	1.340	524,800.00
ESTIMATED	Jan-97	VARIOUS	CO-GEN.	40,133.0	0.0	0.0	40,133.0	1.331	1.331	534,300.00
ESTIMATED	Feb-97	VARIOUS	CO-GEN.	36,789.0	0.0	0.0	36,789.0	1.515	1.515	557,200.00
ESTIMATED	Mar-97	VARIOUS	CO-GEN.	39,389.0	0.0	0.0	39,389.0	1.538	1.538	605,700.00
TOTAL				231,650.0	0.0	88.0	231,562.0	1.409	1.409	3,263,489.11



ECONOMY ENERGY PURCHASES  
TAMPA ELECTRIC COMPANY  
ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1996 THRU MARCH 1997

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) TRANSACT. COST cents/KWH	(6) TOTAL \$ FOR FUEL ADJUSTMENT (4)X(5)	(7) COST IF GENERATED		(8) FUEL SAVINGS (7B)-(6)	
						(A) cents/KWH	(B) (\$000'S)		
ACTUAL	Oct-96	VARIOUS	ECON.	3,485.0	3.543	123,462.43	4.344	151,399.71	27,937.28
ACTUAL	Nov-96	VARIOUS	ECON.	1,853.0	4.808	89,093.83	6.370	118,027.35	28,933.52
ESTIMATED	Dec-96	VARIOUS	ECON.	350.0	3.686	12,900.00	4.657	16,300.00	3,400.00
ESTIMATED	Jan-97	VARIOUS	ECON.	377.0	6.074	22,900.00	7.215	27,200.00	4,300.00
ESTIMATED	Feb-97	VARIOUS	ECON.	476.0	5.462	26,000.00	6.618	31,500.00	5,500.00
ESTIMATED	Mar-97	VARIOUS	ECON.	505.0	5.267	26,600.00	6.455	32,600.00	6,000.00
	TOTAL			7,046.0	4.271	300,956.26	5.351	377,027.06	76,070.80

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY

SCHEDULE H1

PERIOD OF : APRIL THRU SEPTEMBER  
ACTUAL 1984 ACTUAL 1985 ACTUAL 1986 PROJ. 1987

DIFFERENCE (%) FROM PRIOR PERIOD  
1984/85 1985/86 1986/87

FUEL COST OF SYSTEM NET GENERATION (\$)					DIFFERENCE (%) FROM PRIOR PERIOD			
	ACTUAL 1984	ACTUAL 1985	ACTUAL 1986	PROJ. 1987	1984/85	1985/86	1986/87	
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>								
1	*HEAVY OIL	5,295,189	4,240,163	5,440,719	2,228,558	-19.9%	28.5%	-59.1%
2	*LIGHT OIL	164,460	264,865	5,302,625	1,868,274	61.1%	1902.0%	-64.8%
3	COAL	191,000,521	196,368,228	184,602,630	201,619,359	2.8%	-6.0%	9.2%
4	NATURAL GAS	63,603	0	0	0	-100.0%	0.0%	0.0%
5	NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
6	OTHER	0	0	0	0	0.0%	0.0%	0.0%
7	<b>TOTAL (\$)</b>	<b>196,529,773</b>	<b>200,873,256</b>	<b>195,354,974</b>	<b>205,716,191</b>	<b>2.2%</b>	<b>-2.7%</b>	<b>5.3%</b>
<b>SYSTEM NET GENERATION (MWH)</b>								
8	*HEAVY OIL	159,150	110,626	125,714	46,531	-30.5%	13.6%	-63.0%
9	*LIGHT OIL	2,273	3,814	126,444	31,265	67.8%	3215.3%	-75.3%
10	COAL	8,465,050	9,092,039	9,007,097	9,635,113	7.4%	-0.9%	7.0%
11	NATURAL GAS	0	0	0	0	0.0%	0.0%	0.0%
12	NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
13	OTHER	0	0	0	0	0.0%	0.0%	0.0%
14	<b>TOTAL (MWH)</b>	<b>8,626,473</b>	<b>9,206,479</b>	<b>9,259,255</b>	<b>9,712,909</b>	<b>6.7%</b>	<b>0.6%</b>	<b>4.9%</b>
<b>UNITS OF FUEL BURNED</b>								
15	*HEAVY OIL (BBL)	352,251	255,919	291,919	104,993	-27.3%	14.1%	-64.0%
16	*LIGHT OIL (BBL)	6,967	11,156	203,833	63,637	60.2%	1726.8%	-68.8%
17	COAL (TON)	3,652,735	3,940,912	4,106,237	4,216,184	7.9%	4.2%	2.7%
18	NATURAL GAS (MCF)	0	0	0	0	0.0%	0.0%	0.0%
19	NUCLEAR (MMBTU)	0	0	0	0	0.0%	0.0%	0.0%
20	OTHER	0	0	0	0	0.0%	0.0%	0.0%
<b>BTUS BURNED (MMBTU)</b>								
21	*HEAVY OIL	2,245,623	1,628,749	1,837,243	663,632	-27.5%	12.8%	-63.9%
22	*LIGHT OIL	40,563	64,857	1,186,813	369,660	59.9%	1729.9%	-68.9%
23	COAL	87,578,169	93,573,394	94,739,372	95,950,567	6.8%	1.2%	1.3%
24	NATURAL GAS	0	0	0	0	0.0%	0.0%	0.0%
25	NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
26	OTHER	0	0	0	0	0.0%	0.0%	0.0%
27	<b>TOTAL (MMBTU)</b>	<b>89,864,355</b>	<b>95,267,000</b>	<b>97,763,428</b>	<b>98,983,859</b>	<b>6.0%</b>	<b>2.6%</b>	<b>-0.8%</b>
<b>GENERATION MIX (% MWH)</b>								
28	*HEAVY OIL	1.84	1.20	1.36	0.48	-	-	-
29	*LIGHT OIL	0.03	0.04	1.37	0.32	-	-	-
30	COAL	98.13	98.76	97.27	99.20	-	-	-
31	NATURAL GAS	0.00	0.00	0.00	0.00	-	-	-
32	NUCLEAR	0.00	0.00	0.00	0.00	-	-	-
33	OTHER	0.00	0.00	0.00	0.00	-	-	-
34	<b>TOTAL (%)</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	-	-	-
<b>FUEL COST PER UNIT</b>								
35	*HEAVY OIL (\$/BBL)	15.03	16.57	18.67	21.23	10.2%	12.7%	13.7%
36	*LIGHT OIL (\$/BBL)	23.61	23.74	26.01	29.36	0.6%	9.6%	12.9%
37	COAL (\$/TON)	52.29	49.83	44.96	47.82	-4.7%	-9.8%	6.4%
38	NATURAL GAS (\$/MCF)	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
39	NUCLEAR (\$/MMBTU)	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
40	OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
<b>FUEL COST PER MMBTU (\$/MMBTU)</b>								
41	*HEAVY OIL	2.36	2.60	2.97	3.36	10.2%	14.2%	13.1%
42	*LIGHT OIL	4.05	4.08	4.47	5.05	0.7%	9.6%	13.0%
43	COAL	2.18	2.10	1.95	2.10	-3.7%	-7.1%	7.7%
44	NATURAL GAS	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
45	NUCLEAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
46	OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
47	<b>TOTAL (\$/MMBTU)</b>	<b>2.19</b>	<b>2.11</b>	<b>2.00</b>	<b>2.12</b>	<b>-3.7%</b>	<b>-5.2%</b>	<b>6.0%</b>
<b>BTU BURNED PER KWH (BTU/KWH)</b>								
48	*HEAVY OIL	14,110	14,723	14,614	14,262	4.3%	-0.7%	-2.4%
49	*LIGHT OIL	17,846	17,005	9,386	11,823	-4.7%	-44.8%	26.0%
50	COAL	10,346	10,292	10,518	9,958	-0.5%	2.2%	-5.3%
51	NATURAL GAS	0	0	0	0	0.0%	0.0%	0.0%
52	NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
53	OTHER	0	0	0	0	0.0%	0.0%	0.0%
54	<b>TOTAL (BTU/KWH)</b>	<b>10,417</b>	<b>10,348</b>	<b>10,558</b>	<b>9,985</b>	<b>-0.7%</b>	<b>2.0%</b>	<b>-5.4%</b>
<b>GENERATED FUEL COST PER KWH (cents/KWH)</b>								
55	*HEAVY OIL	3.33	3.83	4.34	4.79	15.0%	13.3%	10.4%
56	*LIGHT OIL	7.24	6.94	4.19	5.98	-4.1%	-39.6%	42.7%
57	COAL	2.26	2.16	2.05	2.09	-4.4%	-5.1%	2.0%
58	NATURAL GAS	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
59	NUCLEAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
60	OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
61	<b>TOTAL (cents/KWH)</b>	<b>2.28</b>	<b>2.18</b>	<b>2.11</b>	<b>2.12</b>	<b>-4.4%</b>	<b>-3.2%</b>	<b>0.5%</b>

\* DISTILLATE (BBLs, MWH & \$) USED FOR FIRING, HOT STANDBY, ETC. IS INCLUDED IN FUEL COSTS FOR STEAM PLANTS.

EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 970001-EI  
TAMPA ELECTRIC COMPANY  
(KAB-3)  
SUBMITTED FOR FILING 01/16/97

**TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY  
PROJECTED  
APRIL 1997 - SEPTEMBER 1997**

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

	(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 (%)
RS	53.58%	3,706,998	1,580	1.06611	1.05952	3,927,635	1,684	45.43%	59.20%
GS,TS	55.78%	480,095	197	1.06589	1.05952	500,670	210	5.88%	7.38%
GSD, EV-X	74.11%	2,103,895	648	1.06460	1.05839	2,226,737	690	25.76%	24.25%
GSLD,SBF	82.90%	897,134	247	1.04821	1.04205	934,854	259	10.81%	9.10%
IS-1&3,SBI-1&3	N/A	954,287	N/A	N/A	1.02000	973,375	6	11.26%	0.00%
SL/OL	819.04%	70,055	2	1.05550	1.05952	74,225	2	0.86%	0.07%
<b>TOTAL</b>		<b>8,212,464</b>	<b>2,674</b>			<b>8,645,496</b>	<b>2,845</b>	<b>100.00%</b>	<b>100.00%</b>

- (1) AVG 12 CP load factor based on actual 1995 calendar data.  
 (2) Projected mWh sales for the period Apr. 1997 through Sept. 1997.  
 (3) Calculated: Col(2)/(8760\*.5\*Col(1)), 8760 hours \* .5 = hours in six months.  
 (4) Based on 1995 demand losses.  
 (5) Based on 1995 energy losses.  
 (6) Col(2)\*Col(5)  
 (7) Col(3)\*Col(4)  
 (8) Col(6) / total for Col(6).  
 (9) Col(7) / total for Col(7).

NOTE: interruptible rates not included in demand allocation of capacity payments.

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

	APRIL	MAY	PROJECTED JUNE	JULY	AUGUST	SEPTEMBER	TOTAL
1 UNIT POWER CAPACITY CHARGES	\$ 1,097,100	\$ 1,097,100	\$ 1,097,100	\$ 1,097,100	\$ 1,097,100	\$ 1,097,100	\$ 6,582,600
2 CAPACITY PAYMENTS TO COGENERATORS	1,028,600	1,028,600	1,028,600	1,028,600	1,028,600	1,028,600	6,171,600
3 ( UNIT POWER CAPACITY REVENUES )	(197,600)	(175,300)	(173,800)	(121,200)	(122,800)	(127,600)	(918,300)
4 SYSTEM TOTAL	\$ 1,928,100	\$ 1,950,400	\$ 1,951,900	\$ 2,004,500	\$ 2,002,900	\$ 1,998,100	\$ 11,835,900
5 JURISDICTIONAL PERCENTAGE	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	
6 JURISDICTIONAL CAPACITY PAYMENTS	\$ 1,898,492	\$ 1,920,449	1,921,926	\$ 1,973,718	\$ 1,972,143	\$ 1,967,417	\$ 11,654,145
7 ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD OCTOBER 1996 - MARCH 1997 (OVER)UNDER RECOVERY							(240,938)
8 TOTAL							\$ 11,413,207
9 REVENUE TAX FACTOR							1.00083
10 TOTAL RECOVERABLE CAPACITY PAYMENTS							\$ 11,422,680

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CALCULATION OF JURISDICTIONAL %

	1995 AVG 12 CP MW	%
FPSC	2,718.7	98.46438%
FERC	42.4	1.53562%
TOTAL	2,761.1	100.00000%

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

RATE CLASS	(1) Percentage of Sales at Generation (%)	(2) Percentage of Demand at Generation (%)	(3) Energy Related Cost (\$)	(4) Demand Related Cost (\$)	(5) Total Capacity Costs (\$)	(6) Projected Sales at Meter (kwh)	(7) Capacity Recovery Factor (\$/kwh)
RS	45.43%	59.20%	399,060	6,242,211	6,641,271	3,706,998,000	0.00179
GS,TS	5.98%	7.38%	51,650	778,168	829,818	460,095,000	0.00173
GSD,EV-X	25.76%	24.25%	226,277	2,556,987	2,783,264	2,103,895,000	0.00132
GSLD,SBF	10.81%	9.10%	94,955	959,529	1,054,484	897,134,000	0.00118
IS-1&3,SBI-1&3	11.26%	0.00%	98,908	0	98,908	954,287,000	0.00110
SL/OL	0.86%	0.07%	7,554	7,381	14,935	70,055,000	0.00021
					11,422,680		
TOTAL	100.00%	100.00%	878,404	10,544,276	11,422,680	8,212,464,000	0.00139
			7.69% *	92.31% *			

\* NOTE: Using the 12 CP and 1/13th allocation method requires 1/13th or 7.69 % of capacity costs to be allocated on the basis of energy, and 12/13th or 92.31 % to be allocated on the basis of demand.

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TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ACTUAL/PROJECTED TRUE-UP AMOUNT

	ACTUAL OCT '96	ACTUAL NOV '96	REVISED PROJECTION DEC '96	REVISED PROJECTION JAN '97	REVISED PROJECTION FEB '97	REVISED PROJECTION MAR '97	TOTAL
1 UNIT POWER CAPACITY CHARGES	\$ 1,167,112	\$ 1,167,112	\$ 1,174,000	\$ 1,097,100	\$ 1,097,100	\$ 1,097,100	\$ 6,799,524
2 CAPACITY PAYMENTS TO COGENERATORS	980,355	980,355	980,400	1,005,200	1,005,200	1,005,200	5,956,710
3 ( UNIT POWER CAPACITY REVENUES )	(171,120)	(174,658)	(303,500)	(307,000)	(281,100)	(282,800)	(1,519,978)
4 TOTAL CAPACITY CHARGES - CURRENT PERIOD	\$ 1,976,347	\$ 1,972,809	\$ 1,850,900	\$ 1,795,300	\$ 1,821,200	\$ 1,819,700	\$ 11,236,256
5 JURISDICTIONAL PERCENTAGE	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	.
6 JURISDICTIONAL CAPACITY PAYMENTS	\$ 1,945,998	\$ 1,942,514	1,822,477	\$ 1,767,731	\$ 1,793,233	\$ 1,791,756	\$ 11,063,709
7 CAPACITY COST RECOVERY REVENUES ( NET OF REVENUE TAXES )	1,864,733	1,640,755	1,655,516	1,798,001	1,662,430	1,547,800	10,169,235
8 PRIOR PERIOD TRUE-UP PROVISION	183,892	183,892	183,892	183,892	183,892	183,894	1,103,354
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (NET OF REVENUE TAXES)	\$ 2,048,625	\$ 1,824,647	\$ 1,839,408	\$ 1,981,893	\$ 1,846,322	\$ 1,731,694	\$ 11,272,589
10 TRUE-UP PROVISION FOR MONTH - OVER/(UNDER) RECOVERY (LINE 9 - LINE 6)	\$ 102,627	\$ (117,867)	\$ 16,931	\$ 214,162	\$ 53,089	\$ (60,062)	\$ 208,880
11 INTEREST PROVISION FOR MONTH	4,850	4,008	3,140	2,965	2,729	1,806	19,498
12 TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY	1,103,354	1,026,939	729,188	565,367	598,602	470,528	1,103,354
13 DEFERRED TRUE-UP - OVER/(UNDER) RECOVERY	12,560	12,560	12,560	12,560	12,560	12,560	12,560
14 PRIOR PERIOD TRUE-UP PROVISION - COLLECTED/(REFUNDED) THIS MONTH	(183,892)	(183,892)	(183,892)	(183,892)	(183,892)	(183,894)	(1,103,354)
15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14)	\$ 1,039,469	\$ 741,748	\$ 577,927	\$ 611,162	\$ 483,088	\$ 240,938	\$ 240,938

TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ACTUAL/PROJECTED TRUE-UP AMOUNT

	ACTUAL OCT '96	ACTUAL NOV '96	REVISED PROJECTION DEC '96	REVISED PROJECTION JAN '97	REVISED PROJECTION FEB '97	REVISED PROJECTION MAR '97	TOTAL
1 BEGINNING TRUE-UP AMOUNT	1,115,914	1,039,499	741,748	577,927	611,162	483,088	N/A
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	1,034,649	737,740	574,787	608,197	480,359	239,132	N/A
3 TOTAL BEGINNING & ENDING TRUE-UP AMOUNT (LINES 1 + 2)	2,150,563	1,777,239	1,316,535	1,186,124	1,091,521	722,220	N/A
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	1,075,282	888,620	658,268	593,062	545,761	361,110	N/A
5 INT RATE % - FIRST DAY REP. BUS. MONTH	5.440	5.380	5.450	6.000	6.000	6.000	N/A
6 INT. RATE % - FIRST DAY SUBSEQUENT MONTH	5.380	5.450	6.000	6.000	6.000	6.000	N/A
7 TOTAL (LINE 5 + LINE 6)	10.820	10.830	11.450	12.000	12.000	12.000	N/A
8 AVERAGE INT. RATE % (50% OF LINE 7)	5.410	5.415	5.725	6.000	6.000	6.000	N/A
9 MONTHLY AVG. INT. RATE % (LINE 8/12)	0.451	0.451	0.477	0.500	0.500	0.500	N/A
10. INT. PROVISION (LINE 4 X LINE 9)	\$4,850	\$4,008	\$3,140	\$2,965	\$2,729	\$1,806	\$19,498

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EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 970001-EI  
TAMPA ELECTRIC COMPANY  
(KAB-4)  
FILED 01/16/97

Tampa Electric Company  
Deferred Revenue Plan \$25 Million Refund  
October 1996 Through September 1997

Month	Beginning Balance \$	Monthly 30-day Comm. Paper Rate	Interest Expense \$	Projected Retail Sales MWH	Projected Revenue \$	Average Balance \$	Ending Balance \$
Oct-96	\$25,000,000	0.48%	\$114,952	1,234,127	\$2,135,040	\$23,989,956	\$22,979,912
Nov-96	\$22,979,912	0.48%	\$105,730	1,118,481	\$1,934,972	\$22,065,291	\$21,150,670
Dec-96	\$21,150,670	0.48%	\$96,897	1,129,592	\$1,954,195	\$20,222,021	\$19,293,372
Jan-97	\$19,338,874	0.50%	\$91,566	1,200,488	\$2,076,844	\$18,313,111	\$17,353,596
Feb-97	\$17,353,596	0.50%	\$81,898	1,134,846	\$1,963,284	\$16,379,697	\$15,472,210
Mar-97	\$15,472,210	0.50%	\$72,696	1,082,203	\$1,872,211	\$14,539,163	\$13,672,695
				Retail Average Refund Rate October 1996 - March 1997		0.173 ¢/kWh	
Apr-97	\$13,672,695	0.50%	\$63,652	1,120,029	\$1,881,649	\$12,730,310	\$11,854,698
May-97	\$11,854,698	0.50%	\$53,965	1,256,098	\$2,110,245	\$10,793,058	\$9,798,418
Jun-97	\$9,798,418	0.50%	\$42,990	1,414,595	\$2,376,520	\$8,598,022	\$7,464,888
Jul-97	\$7,464,888	0.50%	\$31,028	1,477,473	\$2,482,155	\$6,205,543	\$5,013,761
Aug-97	\$5,013,761	0.50%	\$18,810	1,461,080	\$2,454,614	\$3,761,909	\$2,577,957
Sep-97	\$2,577,957	0.50%	\$6,691	1,479,732	\$2,485,950	\$1,338,157	\$98,357
				Retail Average Refund Rate April - September 1997		0.168 ¢/kWh	

Refund Adjustment For Variations In Line Loss (Apr - Sep 97)				
Fuel Group	Rate Classes	Average Refund	Line Loss Factors	Group Rate
Group A	RS(T), GS(T), TS	0.168	1.0072	0.169 ¢/kWh
Group B	GSD(T), GSLD(T), SBF(T) EV(T)-X	0.168	1.0072	0.169 ¢/kWh
Group C	IS1(T), SBI1(T) IS3(T), SBI3(T)	0.168	1.0013	0.168 ¢/kWh
Group A1	SL, OL	0.168	0.9687	0.163 ¢/kWh