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January 15, 1998

HAND DELIVERED

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

Re: Fuel and Purchased Power Cost Recovery Clause  
with Generating Performance Incentive Factor;  
FPSC Docket No. 980004-11

Dear Ms. Bayo:

Enclosed for filing in the above docket, on behalf of Tampa Electric Company, are ten copies of each of the following:

1. Petition of Tampa Electric Company. 00874-98
2. Prepared Direct Testimony of Karen A. Zwolak and Exhibit (K02-2) regarding Tampa Electric's Fuel Cost Recovery and Capacity Cost Recovery for the period April 1998 through September 1998. 00875-98
3. Prepared Direct Testimony of George A. Keselowsky with Exhibit (GAK-2) regarding Tampa Electric Company's performance under the Generating Performance Incentive Factor for the period April 1998 - September 1998. 00876-98

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

Thank you for your assistance in connection with this matter.

Sincerely,  
*James D. Beasley*  
James D. Beasley

JDB/pp  
Enclosures

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

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SC-BUREAU OF RECORDS

ORIGINAL

TAMPA ELECTRIC COMPANY  
DOCKET NO. 980001-EI  
SUBMITTED FOR FILING 01/15/98

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

KAREN O. ZWOLAK

Q. Please state your name, address, occupation and employer.

A. My name is Karen O. Zwolak. My business address is 702 North Franklir Street, Tampa, Florida 33602. My position is Manager - Energy Issues in the Regulatory Affairs Department of Tampa Electric Company.

Q. Please provide a brief outline of your educational background and business experience.

A. I received a Bachelor of Arts Degree in Microbiology in 1977 and a Bachelor of Science degree in Chemical Engineering in 1985 from the University of South Florida. I began my engineering career in 1986 at the Florida Department of Environmental Regulation and was employed as a Permitting Engineer in the Industrial Wastewater Program. In 1990, I joined Tampa Electric Company as an engineer in the Environmental Planning Department and was responsible for permitting and compliance issues relating to wastewater treatment and disposal. In 1995, I transferred to TEC's

DOCUMENT NUMBER-DATE

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FPSO-RECORDS/REPORTING

1 Energy Supply Department and assumed the duties of the  
2 plant chemical engineer at the F. J Gannon Station. In  
3 this position, I was responsible for boiler chemistry,  
4 water management, and maintenance of environmental  
5 equipment and general engineering support. In 1997, I was  
6 promoted to Manager, Energy Issues in the Electric  
7 Regulatory Affairs Department. My present responsibilities  
8 include the areas of fuel adjustment, capacity cost  
9 recovery, environmental filings and rate design.  
10

11 Q. What is the purpose of your testimony?  
12

13 A. The purpose of my testimony is to present to the Commission  
14 the proposed Total Fuel and Purchased Power Cost Recovery  
15 factors, the proposed Capacity Cost Recovery factors and  
16 the Temporary Base Rate Reduction factors for the period of  
17 April 1998 - September 1998.  
18

19 Fuel and Purchased Power Cost Recovery Factors / Capacity Cost  
20 Recovery Clause  
21

22 Q. Did you review the projected data necessary to calculate  
23 the Total Fuel and Purchased Power Cost Recovery factors  
24 for the period April 1998 - September 1998?  
25

1 A. Yes I have.  
2  
3 Q. Do you wish to sponsor an exhibit consisting of Schedules  
4 H-1 (April - September, 1995 through 1998) and Schedules E-  
5 1 through E-10 (April 1998 - September 1998)?  
6  
7 A. Yes. Also contained in this exhibit are Schedules E-2, E-  
8 3, E-5, E-6, E-7, E-8 and E-9 for the prior period October  
9 1997 - March 1998. These schedules are furnished as back-  
10 up for the projected true-up for this period and consist of  
11 two actual months and four projected months.  
12  
13 (Have identified as Exhibit No. \_\_\_\_ (KOZ-2), Fuel  
14 Projection.)  
15  
16 Q. Does Schedule E-1 of Exhibit No. \_\_\_\_ (KOZ-2), Fuel  
17 Projection, show the proper value for the Total Fuel and  
18 Purchased Power Cost Recovery Clause as projected for the  
19 period April 1998 - September 1998?  
20  
21 A. Yes.  
22  
23 Q. What is the proper value of the fuel adjustment for the new  
24 period?  
25

- 1 A. The proper value for the new period is 2.339 cents per kwh  
2 before the application of the factors that adjust for  
3 variations in line losses.  
4
- 5 Q. Please describe the information provided on Schedule E-1C.  
6
- 7 A. The GPIF and True-up factors are provided on Schedule E-1C.  
8 We propose that a GPIF penalty of (\$363,850) be included in  
9 the projection period. The True-up amount for the October  
10 1997 - March 1998 period is an overrecovery of \$4,250,591.  
11 This overrecovery is comprised of a final True-up  
12 underrecovery amount of (\$6,042,407) for the April 1997 -  
13 September 1997 period and an estimated overrecovery in the  
14 amount of \$10,292,998 for the October 1997 - March 1998  
15 period.  
16
- 17 Q. Please describe the information provided on Schedule E-1D.  
18
- 19 A. Schedule E-1D presents the company's on-peak and off-peak  
20 fuel charge factors for the April 1998 - September 1998  
21 period.  
22
- 23 Q. What is the purpose of Schedule E-1E?  
24
- 25 A. The purpose of Schedule E-1E is to present the standard,

1 on-peak and off-peak fuel charge factors after adjusting  
2 for variations in line losses.

3

4 Q. Please recap the proposed Fuel and Purchased Power Cost  
5 Recovery factors for the April 1998 - September 1998  
6 period.

7

8 A.

Fuel Charge

9	<u>Rate Schedule</u>	<u>Factor (cents per kwh)</u>
10	Average Factor	2.339
11	RS, GS and TS	2.356
12	RST and GST	3.336 (on-peak)
13		1.884 (off-peak)
14	SL-2, OL-1 and OL-3	2.309
15	GSD, GSLD, and SBF	2.342
16	GSDT, GSLDT, EV-X and SBFT	3.316 (on-peak)
17		1.873 (off-peak)
18	IS-1, IS-3, SBI-1, SBI-3	2.266
19	IST-1, IST-3, SBIT-1, SBIT-3	3.208 (on-peak)
20		1.812 (off-peak)

21

22 Q. How does Tampa Electric Company's proposed average fuel  
23 charge factor of 2.339 cents per kwh compare to the average  
24 fuel charge factor for the October 1997 - March 1998  
25 period?

- 1 A. The proposed fuel charge factor is 0.035 cents per kwh (or  
2 \$0.35 per 1000 kwh) higher than the average fuel charge  
3 factor of 2.304 cents per kwh for the October 1997 - March  
4 1998 period.  
5
- 6 Q. Are you also requesting Commission approval of the  
7 projected Capacity Cost Recovery factors for the Company's  
8 various rate schedules?  
9
- 10 A. Yes.  
11
- 12 Q. Have you prepared or caused to be prepared under your  
13 direction or supervision an exhibit which supports this  
14 request?  
15
- 16 A. Yes. It consists of five pages identified as Exhibit No.  
17 \_\_\_\_\_ KOZ-3, Capacity Cost Recovery.  
18
- 19 Q. What payments are included in Tampa Electric's capacity  
20 cost recovery factor?  
21
- 22 A. Tampa Electric is requesting recovery, through the capacity  
23 cost recovery factor, of capacity payments made pursuant to  
24 cogeneration, small power production and purchased power  
25 agreements to which we are a party.

1 Q. Please re-cap the proposed Capacity Cost Recovery Clause  
2 factors for the April 1998 - September 1998 period.

3

4 A.

5 <u>Rate Schedule</u>	Capacity Cost Recovery 6 <u>Factor (cents per kwh)</u>
6 RS	0.188
7 GS and TS	0.181
8 GSD, EV-X	0.139
9 GSLD and SBF	0.123
10 IS-1, IS-3, SBI-1, SBI-3	0.011
11 SL-2, OL-1 and OL-3	0.022

12

13 These factors can be seen in Exhibit No. \_\_\_\_ (KOZ-3), page  
14 3 of 5.

15

16 Temporary Base Rate Reduction

17 Q. Is Tampa Electric requesting to modify the Temporary Base  
18 Rate Reduction factor for the period April 1998 through  
19 September 1998?

20

21 A. Yes. On September 25, 1996, Tampa Electric, the Office of  
22 Public Counsel and the Florida Industrial Power Users Group  
23 signed a separate stipulation. (Order No. PSC-96-1300-S-EI  
24 in Docket No. 960409-EI issued October 24, 1996.) As part  
25 of this Stipulation, Tampa Electric has agreed to a



1 temporary base rate reduction in the total amount of \$25  
2 million over fifteen months beginning about October 1,  
3 1997. This temporary base rate reduction is shown as a  
4 line item on the customer's bill.

5  
6 This temporary base rate decrease will be 0.130 cent per  
7 kWh on average. The factors by rate class, adjusted for  
8 line loss, are shown below. The derivation of these  
9 factors is shown in Document No. 4 of Exhibit KOZ-2.

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<u>Rate Class</u>	<u>Credit Factor cents / kWh</u>
Average Factor	0.130
RS, RST, GS, GST, TS	0.130
GSD, GSdT, GSLD, GSLDT, EV-X, SBF, SBFT	0.130
IS-1&3, IST-1&3, SBIT-1&3	0.125
SL, OL	0.130

Q. What is the composite effect of the above changes on a  
1,000 kWh residential Customer?

A. A residential bill for 1,000 kWh will decrease \$0.24  
beginning April 1998. See table below.

	Oct. 97 thru	Apr. 98 thru
<u>Type of Charge</u>	<u>Mar. 98</u>	<u>Sept. 98</u>
Customer	\$ 8.50	\$ 8.50
Energy	43.42	43.42
Conservation	1.63	1.65
Environmental	0.54	0.33
Fuel	23.21	23.56
Capacity	2.28	1.88
Deferred Revenue Plan		
Refund	(1.31)	(1.30)
FGR Tax	<u>2.01</u>	<u>2.00</u>
Total	\$ 80.28	\$ 80.04

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

A. They should go into effect commensurate with the first billing cycle in April 1998.

Q. Does this conclude your testimony?

A. Yes it does.

## TAMPA ELECTRIC COMPANY

## TABLE OF CONTENTS

PAGE NO.	DESCRIPTION	PERIOD
1	Schedule E-1 Cost Recovery Clause Calculation	(APR.,1998 - SEPT.,1998)
2	Schedule E1-A Calculation of Total True-Up	(APR.,1998 - SEPT.,1998)
3	Schedule E-1B Calculation of Estimated True-Up	(OCT.,1997 - MAR.,1998)
4	Schedule E-1B-1 Comparison of Est/ Act vs Original Proj of the Fuel and Pur. Pwr Cost Recovery Fac.	(OCT.,1997 - MAR.,1998)
5	Schedule E-1C GPIF & True-Up Adj. Factors	(APR.,1998 - SEPT.,1998)
6	Schedule E-1D Fuel Adjustment Factor for TOD	( " )
7	Schedule E-1E Fuel Recovery Factor-with Line Losses	( " )
8	Schedule E-2 Cost Recovery Clause Calculation(By Month)	( " )
9	Schedule E-3 Generating System Comparative Data	( " )
10-15	Schedule E-4 System Net Generation & Fuel Cost	( " )
16	Schedule E-5 Inventory Analysis	( " )
17	Schedule E-6 Power Sold	( " )
18	Schedule E-7 Purchased Power	( " )
19	Schedule E-8 Energy Payment to Qualifying Facilities	( " )
20	Schedule E-9 Economy Energy Purchases	( " )
21	Schedule E-10 Residential Bill Comparison	( " )
22	Schedule E-2 Cost Recovery Clause Calculation	(OCT.,1997 - MAR.,1998)
23	Schedule E-3 Generating System Comparative Data	( " )
24	Schedule E-5 Inventory Analysis	( " )
25	Schedule E-6 Power Sold	( " )
26	Schedule E-7 Purchased Power	( " )
27	Schedule E-8 Energy Payment to Qualifying Facilities	( " )
28	Schedule E-9 Economy Energy Purchases	( " )
29	Schedule H-1 Generating System Comparative Data	(APR. - SEPT., 1995-98)

**FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD OF: APRIL 1998 THRU SEPTEMBER 1998**

	DOLLARS	MWH	cents/KWH
1. Fuel Cost of System Net Generation (E3)	208,814,406	9,808,202	2.12898
2. Nuclear Fuel Disposal Cost	0	0	0.00000
3. Coal Car Investment	0	0	0.00000
4. Adjustments to Fuel Cost (Ft. Meade / Wauchula Wheeling)	(21,000)	9,808,202	(0.00021)
4a. Adjustments to Fuel Cost	0	0	0.00000
<b>5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4a)</b>	<b>208,793,406</b>	<b>9,808,202</b>	<b>2.12876</b>
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	10,422,500	336,033	3.10163
7. Energy Cost of Sch C,X Economy Purchases (Broker) (E8)	1,441,500	33,264	4.33351
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)	5,457,200	237,749	2.29536
<b>12. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 11)</b>	<b>17,321,200</b>	<b>607,046</b>	<b>2.85336</b>
<b>13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)</b>		<b>10,415,248</b>	
14. Fuel Cost of Economy Sales (E6)	7,295,500	479,664	1.52096
15. Gain on Economy Sales - 80% (E6)	2,214,640	479,664	0.46171
16. Fuel Cost of Schedule D Sales - Jurisd. (E6)	534,700	30,734	1.73977
16a. Fuel Cost of Schedule D Sales - Separated (E6)	2,915,800	198,878	1.46612
16b. Fuel Cost of Schedule D HPP Sales - Contract (E6)	2,576,300	109,746	2.34751
16c. Fuel Cost of Schedule J Sales - Jurisd. (E6)	680,900	28,874	2.36227
17. Fuel Cost of Other D Power Sales	5,552,500	373,320	1.48733
<b>18. TOTAL FUEL COST AND GAINS OF POWER SALES</b>	<b>21,770,340</b>	<b>1,221,166</b>	<b>1.78275</b>
19. Net Inadvertent Interchange		0	
19a. Wheeling Rec'd. less Wheeling Del'v'd.		0	
19b. Interchange and Wheeling Losses		18,600	
<b>20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19)</b>	<b>204,344,266</b>	<b>9,176,482</b>	<b>2.22707</b>
21. Net Unbilled	3,965,031	178,038	0.04321
22. Company Use	507,772	22,800	0.00600
23. T & D Losses	11,394,539	511,638	0.13464
24. System MWH Sales	204,344,266	8,463,006	2.41456
25. Wholesale MWH Sales	(2,273,623)	(30,492)	7.45646
26. Jurisdictional MWH Sales	202,070,643	8,432,514	2.39633
26a. Jurisdictional Loss Multiplier			1.00013
27. Jurisdictional MWH Sales Adjusted for Line Loss	202,096,912	8,432,514	2.39664
28. True-up **	(4,250,591)	8,432,514	(0.05041)
29. Peabody Coal Contract Buy-Out Amort. (Jurisdictionalized)	2,509,595	8,432,514	0.02978
30. Fuel Credit Differential	(2,938,153)	8,432,514	(0.03484)
31. Total Jurisdictional Fuel Cost (Excl. GPIF)	197,417,763	8,432,514	2.34115
32. Revenue Tax Factor			1.00083
33. Fuel Factor (Excl. GPIF) Adjusted for Taxes	197,581,620	8,432,514	2.34309
34. GPIF ** (Already Adjusted for Taxes)	(363,850)	8,432,514	(0.00431)
35. Fuel Factor Adjusted for Taxes Including GPIF	197,217,770	8,432,514	2.33678
<b>36. Fuel Factor Rounded to Nearest .001 cents per KWH</b>			<b>2.339</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 1998 THRU SEPTEMBER 1998**

**SCHEDULE E1-A**

1. ESTIMATED OVER/(UNDER) RECOVERY (2 months actual, 4 months estimated period) (Schedule E1-B)	\$10,292,998
2. FINAL TRUE-UP (6 months actual period) (Per True-Up Filed in November 1997)	(\$6,042,407)
3. TOTAL OVER/(UNDER) RECOVERY (Lines 1 + 2) To be included in 6 month projected period (Schedule E1, line 29)	\$4,250,591
4. JURISDICTIONAL MWH SALES (Projected period)	8,432,514
5. TRUE-UP FACTOR (Lines 3/4) * (100 cents/1000 KWH)	<b>\$0.050</b>

CALCULATION OF ESTIMATED TRUE-UP  
 (2 MONTHS ACTUAL, 4 MONTHS ESTIMATED)  
 TAMPA ELECTRIC COMPANY  
 FOR THE PERIOD OF: OCTOBER 1997 THRU MARCH 1998

	ACTUAL		ESTIMATED				TOTAL PERIOD
	Oct-97	Nov-97	Dec-97	Jan-98	Feb-98	Mar-98	
A 1. FUEL COST OF SYSTEM NET GENERATION	30,720,965	29,965,481	28,227,389	33,421,028	27,347,757	29,210,128	178,912,748
2. FUEL COST OF POWER SOLD *	4,559,181	6,107,143	3,545,820	6,540,900	4,091,300	3,899,040	28,543,384
3. FUEL COST OF PURCHASED POWER	1,597,832	409,518	728,900	1,256,700	1,080,800	758,400	6,812,150
3a. DEMAND & NON-FUEL COST OF PUR. PWR.	0	0	0	0	0	0	0
3b. ENERGY PAYMENTS TO QUALIFIED FACILITIES	627,610	532,270	628,100	310,000	708,300	690,500	3,496,780
4. ENERGY COST OF ECONOMY PURCHASES	98,690	32,265	26,900	16,800	32,000	62,700	269,365
5. ADJUSTMENTS TO FUEL COST (FT. MEADE / WAUCHULA WHEELING)	(3,521)	(2,573)	(3,500)	(3,500)	(3,500)	(3,500)	(20,094)
5a. ADJUSTMENTS TO FUEL COST (OIL BELOW THE DISCHARGE VALVE)	0	0	(41,854)	0	0	0	(41,854)
5. TOTAL FUEL & NET POWER TRANSACTION (Sum of Lines A1 Through A5a)	28,482,395	24,849,818	26,020,315	28,660,128	25,054,057	26,819,168	159,885,901
*INCLUDES ECONOMY SALES PROFITS (50%)							
B 1. JURISDICTIONAL MWH SALES	1,323,533	1,107,991	1,144,352	1,232,094	1,145,793	1,104,945	7,058,809
2. NON-JURISDICTIONAL MWH SALES	12,130	9,044	1,994	3,070	2,276	1,978	30,492
3. TOTAL SALES (Lines B1 + B2)	1,335,663	1,117,035	1,146,346	1,235,164	1,148,069	1,106,923	7,089,301
4. JURISDIC. % OF TOTAL SALES (Line B1/B3)	0.9909190	0.9919036	0.9982606	0.9975145	0.9980175	0.9982131	-
C 1. JURISDICTIONAL FUEL RECOVERY REVENUE (Net of Revenue Taxes)	30,482,950	25,453,965	26,327,148	28,367,455	26,374,109	25,421,900	162,427,557
1a. ADJUSTMENTS TO FUEL REVENUE	0	0	0	0	0	0	0
2. TRUE-UP PROVISION	1,122,779	1,122,779	1,122,779	1,122,779	1,122,779	1,122,779	6,736,674
2a. INCENTIVE PROVISION	(16,097)	(16,097)	(16,097)	(16,097)	(16,097)	(16,094)	(96,579)
2b. OTHER	0	0	0	0	0	0	0
3. FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2b)	31,589,632	26,560,647	27,433,830	29,474,137	27,480,791	26,528,565	169,067,652
4. TOTAL FUEL & NET PWR. TRANS. (Line A6)	28,482,395	24,849,818	26,020,315	28,660,128	25,054,057	26,819,168	159,885,901
5. JURISDIC. TOTAL FUEL & NET PWR. TRANS. (Line A6 x Line B4)	28,223,747	24,648,623	25,975,055	28,588,893	25,004,387	26,771,266	159,211,970
5a. JURISDIC. LOSS MULTIPLIER	1.00013	1.00013	1.00013	1.00013	1.00013	1.00013	-
5b. LINE 5 X LINE 5a	28,227,416	24,651,827	25,978,432	28,592,610	25,007,638	26,774,745	159,232,668
5c. PEABODY COAL CONTRACT BUY-OUT AMORT.	444,301	441,770	439,240	436,709	434,178	431,647	2,827,845
5d. PEABODY JURISDICTIONALIZED (LINE 5c X LINE B4)	440,266	438,193	438,476	435,824	433,317	430,676	2,816,752
5e. FUEL CREDIT DIFFERENTIAL	(64,574)	(272,593)	251,220	(19,701)	(374,957)	(191,130)	(671,736)
5f. REVENUE REFUND TRUE-UP ADJUSTMENT	(329,229)	0	0	0	0	0	(329,229)
5g. TRANSMISSION ADJ. (JAN.-NOV. 1997)	0	0	(1,954,803)	0	0	0	(1,954,803)
5h. JURISDIC. TOTAL FUEL & NET PWR. TRANS. INCL. PEABODY, FUEL CREDIT, & ADJ.	28,273,879	24,817,427	24,713,325	29,006,533	25,065,998	27,014,491	158,893,853
6. OVER(UNDER) RECOVERY	3,315,753	1,743,250	2,720,505	465,604	2,414,793	(485,906)	10,173,999
7. INTEREST PROVISION	8,255	14,810	20,869	24,104	25,812	25,149	118,999
8. TOTAL ESTIMATED TRUE-UP FOR THE PERIOD							10,292,998

COMPARISON OF ESTIMATED ACTUAL VERSUS ORIGINAL PROJECTIONS  
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD OF OCT. 1987 THRU MAR., 1988

	COLUMNS		MAIN		EXHIBIT 1.1		DIFFERENCE	
	ESTIMATED ORIGINAL	ACTUAL	ESTIMATED ORIGINAL	ACTUAL	ESTIMATED ORIGINAL	ACTUAL	DIFFERENCE	DIFFERENCE
1. Fuel Cost of System Fuel Generation (E3)	178,372.74	188,371.25	1,311,838	8,833,879	(7,491,211)	(7,491,211)		0
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0	0	0		0
3. Coal Cost Investment	0	0	0	0	0	0		0
4. Adjustments to Fuel Cost (PL, Mashed/Watouch, Wheeling)	(25,264)	(18,000)	8,361,658	8,833,879	(474,221)	(474,221)		0
5. Adjustments to Fuel Cost (DR Below the Deck, Value)	(41,654)	0	8,361,658	8,833,879	(474,221)	(474,221)		0
6. TOTAL COST OF UNDEGRADED POWER	178,851,000	188,829,229	9,678,259	8,833,879	(844,380)	(844,380)		0
7. Fuel Cost of Purchased Power - (Excludes of Econ) (E7)	8,12,150	3,809,200	2,262,950	111,311	10,895,350	10,895,350		0
8. Energy Cost of Such C.E. Economy Purchases (Brower) (E8)	289,305	242,700	1,148	1,958	26,445	26,445		0
9. Energy Cost of Other Econ Purch. (Non-Brower) (E9)	0	0	0	0	0	0		0
10. Energy Cost of Such E Econ Purchases (E9)	0	0	0	0	0	0		0
11. Capacity Cost of Such E Economy Purchases	0	0	0	0	0	0		0
12. Energy Payments to Qualifying Facilities (E9)	3,496,790	3,832,200	(335,200)	235,039	(570,239)	(570,239)		0
13. TOTAL COST OF PURCHASED POWER	8,578,295	7,884,200	1,894,050	362,808	15,312,610	15,312,610		0
14. TOTAL AVAILABLE BROWN (LINE 6 + LINE 12)	187,429,295	196,713,429	11,572,309	9,196,687	(2,375,622)	(2,375,622)		0
15. Fuel Cost of Economy Sales (E6)	15,529,464	18,993,000	(3,463,536)	1,073,728	(18,020,262)	(18,020,262)		0
16. Gain on Economy Sales - 40% (E6)	4,073,305	2,474,800	1,598,625	1,073,728	(4,972,140)	(4,972,140)		0
17. Fuel Cost of Schedule D Sales - Jurind. (E6)	658,468	3,111,500	(2,453,032)	31,393	(2,484,425)	(2,484,425)		0
18. Fuel Cost of Schedule D Sales - Separated (E6)	2,943,208	2,822,600	25,608	199,188	(1,734,580)	(1,734,580)		0
19. Fuel Cost of Schedule D Sales - Combined (E6)	1,254,714	3,148,800	(1,894,086)	80,244	(1,974,330)	(1,974,330)		0
20. Fuel Cost of Schedule J Sales - Jurind. (E6)	328,248	158,700	169,548	48,748	(279,500)	(279,500)		0
21. Fuel Cost of Other D Power Sales (E6)	4,146,138	4,954,800	(808,662)	291,171	(1,099,833)	(1,099,833)		0
22. Fuel Cost of Other Contract Sales (E6)	1,205	8,300	(7,095)	90	(7,185)	(7,185)		0
23. Transmission Cost for Various Sales (E6)	(702,543)	(2,526,200)	1,823,657	7,209	(1,816,448)	(1,816,448)		0
24. TOTAL FUEL COST AND GAINS ON POWER SALES (LINES 14 THRU 23)	28,343,384	27,880,790	462,604	1,801,530	5,542,054	5,542,054		0
25. Wheeling Rec'd Less Wheeling Del'd	0	0	0	0	0	0		0
26. Interchange and Wheeling Losses	(10,538)	(21,477)	10,939	26,800	(16,261)	(16,261)		0
27. TOTAL FUEL AND NET POWER TRANSACTIONS (LINES 24 + 25 + 26 + 27)	19,810,301	19,869,313	(59,012)	1,828,330	(5,594,612)	(5,594,612)		0
28. Net Unbilled	(4,779,567)	(4,110,983)	668,584	(208,764)	(4,988,351)	(4,988,351)		0
29. Company Use	459,548	434,413	25,135	20,018	(35,125)	(35,125)		0
30. T & D Losses	1,814,725	8,471,812	(6,657,087)	83,641	(6,740,728)	(6,740,728)		0
31. System KWH Sales	159,888,801	168,632,649	(8,743,848)	7,089,301	(17,764,549)	(17,764,549)		0
32. Wholesale KWH Sales	(873,931)	(377,781)	(496,150)	(20,482)	(666,668)	(666,668)		0
33. Jurisdictional KWH Sales	159,214,870	168,254,868	(9,040,000)	7,068,819	(17,431,217)	(17,431,217)		0
34. Jurisdictional Lines Multiplier	159,232,668	168,278,741	(9,046,073)	7,068,809	(17,431,217)	(17,431,217)		0
35. Jurisdictional KWH Sales Adjusted for Lines Leases	(994,267)	(6,736,874)	5,742,607	(88,776)	(6,654,028)	(6,654,028)		0
36. True-up **	2,816,752	2,621,992	194,760	(5,240)	(200,000)	(200,000)		0
37. Payable Coal Contract Buy-out Amount (Jurind.)	(871,730)	(871,730)	0	0	0	0		0
38. Fuel Credit Differential	(329,229)	(329,229)	0	0	0	0		0
39. Revenue Refund True-Up Adjustment	(1,954,803)	(1,954,803)	0	0	0	0		0
40. Transmission Adj. (Jan.-Nov., 1987)	159,199,206	164,162,059	(4,962,853)	7,068,809	(7,931,662)	(7,931,662)		0
41. Revenue Tax Factor	158,330,991	164,269,314	(5,938,323)	7,068,809	(7,931,662)	(7,931,662)		0
42. Fuel Factor (E6), (GPP) Adjusted for Taxes	(303,800)	96,980	(400,780)	7,068,809	(400,780)	(400,780)		0
43. GPP = (E6)/(GPP) - Not Adjusted for Taxes	157,996,341	164,364,374	(6,368,033)	7,068,809	(6,368,033)	(6,368,033)		0
44. Fuel Factor Adjusted for Taxes Including GPP	157,996,341	164,364,374	(6,368,033)	7,068,809	(6,368,033)	(6,368,033)		0
45. Fuel Factor Rounded to Nearest .001 cents per KWH * Included For Informational Purposes Only ** Calculation Based on Jurisdictional KWH Sales	2.29	2.30	0.01	2.30	(0.01)	(0.01)		0

Note: Amounts included in Estimated/Actual columns 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 1998 THRU SEPTEMBER 1998**

1. TOTAL AMOUNT OF ADJUSTMENTS:		
A. GENERATING PERFORMANCE INCENTIVE REWARD (PENALTY)		
(APRIL 1998 THRU SEPTEMBER 1998)		(\$363,850)
B. TRUE-UP OVER / (UNDER) RECOVERED		
(OCTOBER 1997 THRU MARCH 1998)		\$4,250,591
2. TOTAL SALES		
(APRIL 1998 THRU SEPTEMBER 1998)		8,432,514 MWH
3. ADJUSTMENT FACTORS:		
A. GENERATING PERFORMANCE INCENTIVE FACTOR	[ 0.0043 ]	Cents/KWH
B. TRUE-UP FACTOR	[ 0.0504 ]	Cents/KWH



FUEL ADJUSTMENT FACTOR FOR  
 OPTIONAL TIME-OF-DAY RATES  
 TAMPA ELECTRIC COMPANY  
 PROJECTION FOR THE PERIOD  
 APRIL 1998 THRU SEPTEMBER 1998

1. COST RATIO:

$$\frac{3.154 \text{ ON-PEAK}}{1.782 \text{ OFF-PEAK}} = 1.7699$$

2. SALES/GENERATION:

32.47 % ON-PEAK      67.53 % OFF-PEAK

3. FORMULA:

X = ON-PEAK	Y = OFF-PEAK	
0.3247 * 1.7699 Y +	0.6753 Y =	2.3388
	1.2500 Y =	2.3388
	Y =	1.8710
	X =	1.7699 Y
	X =	1.7699 * 1.8710
	X =	3.3115

INCLUDES TAX @ 1.00083

	ON-PEAK	OFF-PEAK
	-----	-----
4. FUEL COST (cents/KWH)	3.3115	1.8710
5. FUEL FACTOR (cents/KWH NEAREST .000)	3.312	1.871

**FUEL RECOVERY FACTORS - BY RATE GROUP  
( ADJUSTED FOR LINE/TRANSFORMATION LOSSES)  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD: APRIL 1998 THRU SEPTEMBER 1998**

**SCHEDULE E-1E**

(1)	(2)		(3)	(4)	(5)
GROUP	RATE		AVERAGE	FUEL RECOVERY	FUEL RECOVERY
	SCHEDULE		FACTOR	LOSS MULTIPLIER	FACTOR
A	RS,GS,TS		2.339	1.0072	2.356
A1*	SL-2, OL-1&3		2.339	N/A	2.101
B	GSD,GSLD,SBF		2.339	1.0013	2.342
C	IS-1&3,SBI-1&3		2.339	0.9687	2.266
D	N/A		N/A	N/A	N/A
A	RST,GST	ON-PEAK	3.312	1.0072	3.336
		OFF-PEAK	1.871	1.0072	1.884
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	3.312	1.0013	3.316
		OFF-PEAK	1.871	1.0013	1.873
C	IST-1&3,SBIT-1&3	ON-PEAK	3.312	0.9687	3.208
		OFF-PEAK	1.871	0.9687	1.812
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 1998 THRU SEPTEMBER 1998

LINE NUMBER	(b)					(d)	(e)			TOTAL PERIOD	LINE NUMBER
	Apr-98	May-98	Jun-98	ESTIMATED Jul-98	Aug-98	ESTIMATED Jul-98	Aug-98	ESTIMATED Sep-98			
1	29,900,035	33,302,458	35,887,741	37,148,056	37,666,696	37,148,056	34,679,220	208,814,406	1		
1a	0	0	0	0	0	0	0	0	1a		
2	4,040,220	3,202,420	3,964,800	3,679,780	3,671,180	3,679,780	3,211,940	21,770,340	2		
3	511,800	1,949,700	2,099,300	2,229,300	2,197,000	2,229,300	1,435,400	10,422,500	3		
3a	0	0	0	0	0	0	0	0	3a		
3b	809,600	919,600	832,100	977,100	980,200	977,100	848,600	5,407,200	3b		
4	80,700	206,300	203,400	359,500	279,200	359,500	312,400	1,441,500	4		
4a	(3,500)	(3,500)	(3,500)	(3,500)	(3,500)	(3,500)	(3,500)	(21,000)	4a		
4b	0	0	0	0	0	0	0	0	4b		
5	27,357,415	33,172,136	35,054,241	37,031,676	37,668,616	37,031,676	34,060,180	204,344,296	5		
6	1,156,538	1,290,315	1,454,088	1,515,374	1,495,046	1,515,374	1,521,153	8,432,514	6		
6a	0	990,785	0	994,681	0	994,681	0	994,681	6a		
6b	27,277,671	32,856,253	34,635,378	36,464,651	37,121,896	36,464,651	33,712,804	202,070,643	6b		
7	1,000.13	1,000.13	1,000.13	1,000.13	1,000.13	1,000.13	1,000.13	1,000.13	7		
7a	27,281,217	32,862,525	34,639,881	36,469,391	37,126,712	36,469,391	33,717,187	202,096,913	7a		
7b	429,116	426,585	424,054	421,523	418,992	421,523	416,461	2,538,731	7b		
7c	427,865	422,549	418,987	415,069	412,811	415,069	412,214	2,509,595	7c		
7d	(517,734)	(514,746)	(470,500)	(527,637)	(533,544)	(527,637)	(373,992)	(2,934,153)	7d		
8	27,191,348	32,770,328	34,548,368	36,356,823	37,006,079	36,356,823	33,755,409	201,668,355	8		
8a	2,351.1	2,532.7	2,378.7	2,399.2	2,475.2	2,399.2	2,219.1	2,391.6	8a		
8b	(0.0504)	(0.0504)	(0.0504)	(0.0504)	(0.0504)	(0.0504)	(0.0504)	(0.0504)	8b		
11	2,300.7	2,489.3	2,328.3	2,348.8	2,424.8	2,348.8	2,168.7	2,341.2	11		
12	1,000.83	1,000.83	1,000.83	1,000.83	1,000.83	1,000.83	1,000.83	1,000.83	12		
13	2,302.6	2,481.4	2,330.2	2,350.7	2,426.8	2,350.7	2,170.5	2,343.1	13		
14	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	14		
16	2,298.3	2,487.1	2,329.9	2,346.4	2,422.5	2,346.4	2,166.2	2,336.6	16		
18	2,298	2,487	2,328	2,346	2,423	2,346	2,166	2,336	18		

\* 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 1998 THRU SEPTEMBER 1998

	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	TOTAL
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1 HEAVY OIL	509,526	708,646	745,849	989,328	873,749	416,946	4,247,044
2 LIGHT OIL	775,455	837,740	802,149	989,446	677,017	717,254	4,799,057
3 COAL	28,624,054	31,756,072	34,336,743	35,170,282	36,336,134	33,545,020	199,768,305
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 (\$)	29,909,035	33,302,458	35,887,741	37,149,056	37,886,896	34,679,220	206,814,406
<b>SYSTEM NET GENERATION (MWH)</b>							
8 HEAVY OIL	11,276	16,103	16,954	22,352	19,701	9,375	95,761
9 LIGHT OIL	17,201	18,407	17,925	20,583	13,953	16,849	104,918
10 COAL	1,372,448	1,526,633	1,656,941	1,699,083	1,722,342	1,626,078	9,607,523
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)	1,400,925	1,563,143	1,693,820	1,742,018	1,755,996	1,652,300	9,806,202
<b>UNITS OF FUEL BURNED</b>							
15 HEAVY OIL (BBL)	26,142	36,869	39,383	52,621	46,327	21,603	222,945
16 LIGHT OIL (BBL)	27,739	30,396	29,849	36,699	25,102	26,872	176,257
17 COAL (TON)	611,778	668,067	743,203	762,812	786,585	726,143	4,318,588
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	165,247	233,051	248,943	332,617	292,826	136,554	1,409,238
22 LIGHT OIL	160,905	178,201	172,101	212,644	145,363	154,478	1,021,692
23 COAL	14,018,283	15,564,783	17,033,061	17,509,618	17,879,746	16,658,214	98,663,705
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)	14,344,435	15,974,035	17,454,105	18,054,879	18,317,935	16,949,246	101,094,835
<b>GENERATION MIX (% MWH)</b>							
28 HEAVY OIL	0.80	1.03	1.00	1.28	1.12	0.57	0.98
29 LIGHT OIL	1.23	1.18	1.06	1.18	0.79	1.02	1.07
30 COAL	97.97	97.79	97.94	97.54	98.09	98.41	97.95
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)	19.49	19.22	19.01	18.80	18.86	19.30	19.05
36 LIGHT OIL (\$/BBL)	27.96	27.56	27.05	26.96	26.97	26.89	27.23
37 COAL (\$/TON)	46.79	46.15	46.20	46.11	46.19	46.20	46.26
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	3.08	3.04	3.01	2.97	2.96	3.05	3.01
42 LIGHT OIL	4.82	4.75	4.66	4.65	4.66	4.64	4.70
43 COAL	2.04	2.04	2.02	2.01	2.03	2.01	2.02
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)	2.09	2.08	2.06	2.06	2.07	2.05	2.07
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48 HEAVY OIL	14,655	14,473	14,693	14,681	14,664	14,566	14,716
49 LIGHT OIL	9,354	9,572	9,601	10,331	10,418	9,168	9,738
50 COAL	10,214	10,182	10,267	10,305	10,381	10,244	10,269
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)	10,239	10,219	10,305	10,364	10,432	10,258	10,307
<b>GENERATED FUEL COST PER KWH (cents/KWH)</b>							
55 HEAVY OIL	4.52	4.40	4.42	4.43	4.44	4.45	4.44
56 LIGHT OIL	4.51	4.55	4.48	4.81	4.85	4.28	4.57
57 COAL	2.09	2.08	2.07	2.07	2.11	2.06	2.06
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)	2.13	2.13	2.12	2.13	2.16	2.10	2.13

SYSTEM NET GENERATION AND FUEL COST  
 TAMPA ELECTRIC COMPANY  
 ESTIMATED FOR THE PERIOD MONTH OF: APRIL 1998

SCHEDULE E4

(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	32	1,029	4.5	83.0	100.5	16,465	HVY OIL	2,680	6,321,642	16,942.0	47,765	4.64	17.83
2 H.P.#2	32	1,175	5.1	93.0	99.2	16,306	HVY OIL	3,031	6,321,016	19,159.0	54,043	4.60	17.83
3 H.P.#3	32	1,658	7.2	93.0	99.6	16,113	HVY OIL	4,226	6,321,581	26,715.0	75,351	4.54	17.83
4 H.P.#4	41	2,307	8.1	93.0	97.4	15,913	HVY OIL	6,035	6,320,664	38,144.0	107,805	4.49	17.83
5 H.P.#5	55	2,477	6.3	85.3	112.6	16,212	HVY OIL	6,353	6,320,793	40,156.0	113,275	4.57	17.83
6 H.P. STATION	192	8,736	6.3	91.7	102.4	16,153	HVY OIL	22,325	6,320,982	141,116.0	368,059	4.56	17.83
7 GAN.#1	114	43,351	52.8	84.0	92.1	11,604	COAL	26,570	18,933,195	503,055.0	1,269,700	2.93	47.79
8 GAN.#2	108	33,896	43.6	82.2	90.7	11,852	COAL	21,219	18,933,126	401,742.0	1,013,992	2.99	47.79
9 GAN.#3	155	63,528	56.9	84.6	91.7	11,454	COAL	38,431	18,933,253	727,625.0	1,836,501	2.89	47.79
10 GAN.#4	177	65,775	51.0	83.9	80.6	11,287	COAL	30,881	24,000,130	741,148.0	1,473,709	2.25	47.79
11 GAN.#5	229	98,800	60.5	84.8	83.8	10,244	COAL	42,454	23,803,748	1,012,687.0	2,028,748	2.05	47.79
12 GAN.#6	362	190,715	73.2	87.8	89.4	10,449	COAL	80,405	24,784,591	1,992,805.0	3,842,311	2.01	47.79
13 GANNON STA.	1,145	498,015	60.2	85.3	87.6	10,845	COAL	230,980	22,416,494	5,379,062.0	11,466,961	2.31	47.79
14 B.B.#1	421	207,322	68.4	84.8	78.0	10,276	COAL	84,556	22,421,792	2,120,115.0	4,057,413	1.96	42.91
15 B.B.#2	416	0	0.0	86.5	0.0	0	COAL	0	0	0	0	0.00	0.00
16 B.B.#3	429	250,159	81.0	0.0	89.7	9,786	COAL	104,977	23,320,556	2,448,122.0	4,504,560	1.80	42.91
17 B.B. 1-3	1,266	457,481	50.2	56.6	84.0	9,686	COAL	199,533	22,884,644	4,568,237.0	8,561,983	1.87	42.91
18 B.B.#4	442	268,392	90.6	91.9	96.9	9,737	COAL	126,985	22,113,509	2,808,064.0	6,498,801	2.25	51.18
19 B.B. STA.	1,708	745,873	60.7	65.8	86.6	9,890	COAL	326,518	22,580,866	7,376,321.0	15,060,794	2.02	46.13
20 PHILLIPS #1 (HVY OIL)	17	1,286	10.5	80.1	95.8	9,501	HVY OIL	1,833	6,320,745	12,218.0	56,449	4.39	29.20
21 PHILLIPS #2 (HVY OIL)	17	1,254	10.2	80.1	95.8	9,500	HVY OIL	1,864	6,323,246	11,913.0	55,018	4.39	29.20
22 SEB-PHILLIPS TOTAL	34	2,540	10.4	80.1	95.8	9,500	HVY OIL	3,697	6,321,981	24,131.0	111,467	4.39	29.20
23 POLK COAL	250	130,500	72.5	-	-	9,673	COAL	45,300	27,878,587	1,262,900.0	2,696,290	1.61	46.28
24 POLK OIL	250	14,507	8.1	-	-	7,917	LGT OIL	19,800	5,800,957	114,853.0	553,189	3.81	27.94
25 POLK TOTAL	250	145,067	80.6	80.1	97.2	9,497	-	-	-	1,377,753.0	2,649,488	1.83	-
26 GAN.C.T.#1	15	187	17	77.9	95.9	21,214	LGT OIL	684	5,799,708	3,967.0	19,150	10.24	28.00
27 B.B.C.T.#1	15	197	1.8	65.0	93.8	19,564	LGT OIL	665	5,804,511	18,618.0	3,800.0	9.45	28.00
28 B.B.C.T.#2	65	1,286	2.7	69.1	86.0	16,368	LGT OIL	3,579	5,800,270	21,049.0	101,600	7.90	28.00
29 B.B.C.T.#3	65	1,024	2.2	69.1	87.5	16,773	LGT OIL	2,961	5,800,143	17,176.0	82,896	8.10	28.00
30 C.T. TOTAL	180	2694	2.3	69.5	87.8	17,094	LGT OIL	7,939	5,800,731	46,052.0	222,296	8.25	28.00
31 TOT COAL (ON,BB,POLK)	3,103	1,372,448	61.4	67.7	-	10,214	COAL	611,778	22,914,003	14,018,283.0	28,624,054	2.09	46.79
32 SYSTEM	3,489	1,400,925	55.8	69.1	98.5	10,239	-	-	-	14,344,435.0	29,909,035	2.13	-

LEGEND: H.P. = HOOKERS POINT B.B. = BIG BEND 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: MAY 1998

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	32	2,300	9.9	93.0	94.2	15,903	HVY OIL	5,912	6,321,211	37,371.0	105,185	4.48	17.79
2 H.P.#2	32	1,830	7.7	93.0	94.2	15,873	HVY OIL	4,618	6,321,135	29,191.0	82,162	4.47	17.70
3 H.P.#3	32	2,806	10.9	93.0	94.7	15,734	HVY OIL	6,487	6,320,765	41,003.0	115,415	4.43	17.79
4 H.P.#4	41	2,865	8.7	93.0	92.9	15,880	HVY OIL	6,699	6,321,422	42,346.0	119,187	4.47	17.79
5 H.P.#5	55	2,946	7.2	84.8	111.6	16,298	HVY OIL	7,596	6,321,060	48,015.0	135,146	4.59	17.79
6 H.P. STATION	192	12,406	8.7	90.7	97.6	15,954	HVY OIL	31,312	6,321,091	197,926.0	557,095	4.49	17.79
7 GAN.#1	114	49,896	58.6	91.0	95.5	12,085	COAL	31,850	18,933,239	599,237.0	1,492,546	3.01	47.16
8 GAN.#2	108	46,707	56.1	82.3	93.8	11,940	COAL	29,455	18,933,064	557,674.0	1,369,036	2.97	47.16
9 GAN.#3	155	68,905	59.8	84.5	95.2	11,530	COAL	41,961	18,833,081	794,451.0	1,978,791	2.87	47.16
10 GAN.#4	179	81,263	81.0	83.9	90.1	10,302	COAL	34,681	24,000,172	837,190.0	1,644,913	2.82	47.16
11 GAN.#5	227	117,791	69.7	84.8	89.6	10,262	C.JAL	50,654	23,863,209	1,208,707.0	2,368,734	2.03	47.16
12 GAN.#6	382	83,410	23.6	46.1	93.2	10,439	COAL	26,896	24,648,867	692,217.0	1,266,943	2.00	47.16
13 GANNON STA.	1,145	427,796	50.2	72.7	92.2	10,893	COAL	215,467	21,625,103	4,659,496.0	10,180,962	2.38	47.16
14 B.B.#1	421	234,521	74.9	46.5	85.4	10,207	COAL	106,766	22,421,604	2,393,865.0	4,571,158	1.95	42.81
15 B.B.#2	419	195,727	53.5	86.4	83.9	10,167	COAL	75,375	22,353,672	1,684,908.0	3,227,161	1.92	42.81
16 B.B.#3	429	295,862	83.3	75.7	92.2	9,779	COAL	111,481	23,320,440	2,599,786.0	4,773,030	1.80	42.81
17 B.B. 1-3	1,266	696,110	70.7	69.5	87.6	10,026	COAL	293,622	22,745,431	6,678,559.0	12,571,349	1.89	42.81
18 B.B.#4	442	299,012	90.9	91.9	97.2	9,753	COAL	131,878	22,113,529	2,916,208.0	6,608,787	2.28	51.63
19 B.B. STA.	1,708	995,122	75.9	75.3	90.4	9,942	COAL	425,500	22,549,582	9,594,847.0	19,380,136	2.01	45.55
20 PHILLIPS #1 (HVY OIL)	17	1,869	14.8	80.0	96.4	9,501	HVY OIL	2,810	6,319,217	17,757.0	76,635	4.10	27.27
21 PHILLIPS #2 (HVY OIL)	17	1,828	14.5	80.0	96.9	9,501	HVY OIL	2,747	6,322,534	17,368.0	74,916	4.10	27.27
22 SEB-PHILLIPS TOTAL	34	3,697	14.6	80.0	96.7	9,501	HVY OIL	5,557	6,320,857	35,125.0	151,551	4.10	27.27
23 POLK COAL	250	135,745	73.0	-	-	9,654	COAL	47,100	27,822,505	1,310,440.0	2,214,974	1.63	47.03
24 POLK OIL	250	15,063	8.1	-	-	7,915	LOT OIL	20,800	5,795,146	119,400.0	564,673	3.74	27.41
25 POLK TOTAL	250	150,828	81.1	54.3	97.8	9,480	-	-	-	1,429,820.0	2,779,647	1.84	-
26 GAN.C.T.#1	15	231	2.1	77.8	96.3	21,199	LOT OIL	844	5,802,133	4,897.0	23,527	10.18	27.88
27 B.B.C.T.#1	15	243	2.2	54.9	95.3	19,568	LOT OIL	821	5,797,808	4,760.0	22,886	9.42	27.88
28 B.B.C.T.#2	65	1,589	3.3	69.1	87.3	16,371	LOT OIL	4,485	5,800,273	26,014.0	125,021	7.87	27.88
29 B.B.C.T.#3	65	1,291	2.6	69.1	88.2	16,172	LOT OIL	3,646	5,800,878	21,190.0	101,633	8.06	27.88
30 C.T. TOTAL	180	3324	2.8	69.5	89.8	17,094	LOT OIL	9,796	5,800,429	56,821.0	273,067	8.22	27.88
31 TOT COAL (ON,BB,POLK)	3,103	1,528,633	66.2	66.3	-	10,182	COAL	688,067	22,621,028	15,564,783.0	31,756,072	2.08	46.15
32 SYSTEM	3,489	1,563,143	60.2	69.7	100.7	10,219	-	-	-	15,974,035.0	33,302,458	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

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD MONTH OF: JUNE 1958

SCHEDULE E4

(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 (\$/BTUUNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1 H.P.#1	32	2,222	11.6	93.1	95.6	15,854	HVY OIL	6,827	6,321,078	43,154.0	121,377	4.46	17.78
2 H.P.#2	32	2,268	9.6	93.1	95.6	15,943	HVY OIL	5,720	6,321,329	36,158.0	101,696	4.48	17.78
3 H.P.#3	32	2,404	10.6	93.1	94.7	15,854	HVY OIL	6,246	6,321,000	39,481.0	111,547	4.47	17.78
4 H.P.#4	41	2,614	8.9	93.1	93.8	16,147	HVY OIL	6,678	6,320,605	42,209.0	118,728	4.54	17.78
5 H.P.#5	55	3,311	8.4	84.9	113.6	16,358	HVY OIL	8,589	6,321,041	54,195.0	152,348	4.60	17.78
6 H.P. STATION	182	13,398	9.7	90.8	98.9	16,058	HVY OIL	34,040	6,321,005	215,167.0	605,196	4.52	17.78
7 GANNON #1	114	48,075	59.6	84.0	96.1	12,213	COAL	31,857	16,933,253	599,370.0	1,503,235	3.06	47.49
8 GANNON #2	108	8,003	10.3	0.0	95.0	12,063	COAL	5,107	16,934,991	96,701.0	242,508	3.03	47.49
9 GANNON #3	155	67,182	80.2	84.6	96.3	11,564	COAL	41,032	18,833,273	1,948,807	1,948,807	2.90	47.49
10 GANNON #4	179	74,624	57.9	83.9	91.4	11,251	COAL	34,865	23,999,714	839,630.0	2,061,205	2.23	47.49
11 GANNON #5	227	114,682	70.2	84.9	89.4	10,364	COAL	50,363	23,646,189	1,190,892.0	2,361,490	2.09	47.49
12 GANNON #6	362	218,368	83.8	87.8	90.6	10,531	COAL	92,570	24,842,627	2,299,682.0	4,395,692	2.01	47.49
13 GANNON STA.	1,145	531,934	64.5	77.5	92.0	10,910	COAL	255,714	22,663,881	5,803,143.0	12,142,595	2.28	47.49
14 B.B.#1	421	224,742	74.1	84.9	84.6	10,257	COAL	102,814	22,421,577	2,305,252.0	4,385,159	1.95	42.65
15 B.B.#2	416	224,263	74.9	86.4	83.3	10,214	COAL	102,489	22,353,805	2,290,572.0	4,370,444	1.95	42.65
16 B.B.#3	429	259,957	84.2	83.9	93.2	9,783	COAL	109,050	23,320,477	2,543,098.0	4,651,133	1.79	42.65
17 B.B. 1-3	1,296	708,962	77.8	85.1	87.1	10,070	COAL	314,333	22,711,325	7,138,922.0	13,608,736	1.89	42.65
18 B.B.#4	442	298,648	90.1	91.9	96.4	9,840	COAL	127,556	22,113,550	2,820,716.0	6,628,780	2.31	51.97
19 B.B. STA.	1,708	995,810	81.0	86.8	89.6	10,004	COAL	441,889	22,538,778	9,958,638.0	20,026,516	2.01	45.34
20 PHILLIPS #1 (HVY OIL)	17	1,795	14.7	80.0	96.9	9,501	HVY OIL	2,698	6,320,879	17,054.0	72,539	4.04	26.89
21 PHILLIPS #2 (HVY OIL)	17	1,780	14.4	80.0	96.8	9,501	HVY OIL	2,645	6,322,117	16,722.0	71,114	4.04	26.89
22 SEB-PHILLIPS TOTAL	34	3,555	14.5	80.0	96.8	9,501	HVY OIL	5,343	6,321,542	33,776.0	143,653	4.04	26.89
23 POLK COAL	250	131,367	73.0	-	-	9,667	COAL	45,600	27,857,018	1,270,280.0	2,158,632	1.64	47.34
24 POLK OIL	250	14,600	8.1	-	-	7,915	LOT OIL	19,900	5,806,834	115,556.0	533,317	3.65	26.80
25 POLK TOTAL	250	145,967	81.1	80.1	87.8	9,492	-	-	-	1,385,836.0	2,691,949	1.84	-
26 GAN.C.T.#1	15	250	2.3	77.9	96.0	21,156	LOT OIL	912	5,799,342	5,269.0	25,149	10.06	27.58
27 B.C.T.#1	15	138	1.3	34.6	102.2	19,584	LOT OIL	466	5,802,575	2,704.0	12,650	9.31	27.58
28 B.C.T.#2	65	1,627	3.5	69.2	89.4	16,353	LOT OIL	4,587	5,800,305	26,008.0	128,488	7.77	27.58
29 B.C.T.#3	65	1,310	2.8	69.2	87.6	16,753	LOT OIL	3,784	5,799,663	21,946.0	104,345	7.97	27.58
30 C.T. TOTAL	190	3,325	2.9	66.8	89.7	17,006	LOT OIL	9,749	5,800,062	56,545.0	268,832	6.79	27.58
31 TOT COAL (GANNON, POLK)	3,103	1,658,941	74.3	76.4	-	10,267	COAL	743,203	22,918,450	17,033,061.0	34,338,743	2.07	48.20
32 SYSTEM	3,489	1,693,820	67.4	76.8	99.0	10,305	-	-	-	17,454,105.0	35,867,741	2.12	-

LEGEND: HV = HOODS POINT #8 • BO BEND  
SEB = SEBINGO GAN = GANNON C.T. = COMBUSTION TURBINE  
LOT = LOT  
OIL = OIL  
COAL = COAL  
NATURAL = NATURAL

**SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD/MONTH OF: JULY 1998**

SCHEDULE E4

(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	32	3,579	15.0	93.0	95.6	16,055	HVY OIL	9,090	6,321,232	57,460.0	161,210	4.50	17.74
2 H.P.#2	32	3,289	13.8	93.0	95.2	16,037	HVY OIL	8,345	6,320,791	52,747.0	148,005	4.50	17.74
3 H.P.#3	32	2,232	9.4	93.0	95.5	16,471	HVY OIL	5,816	6,321,011	36,711.0	103,151	4.62	17.74
4 H.P.#4	41	3,811	12.5	93.0	93.9	16,334	HVY OIL	9,848	6,320,979	62,111.0	174,662	4.58	17.74
5 H.P.#5	55	4,843	11.8	84.8	114.4	16,458	HVY OIL	12,610	6,321,015	79,708.0	223,648	4.62	17.74
6 H.P. STATION	192	17,754	12.4	90.1	99.6	16,274	HVY OIL	45,708	6,321,009	288,927.0	810,684	4.57	17.74
7 GAN.#1	114	50,308	59.3	84.0	98.1	11,714	COAL	21,124	18,933,460	589,285.0	1,471,581	2.93	47.28
8 GAN.#2	108	0	0.0	13.3	0.0	0	COAL	0	0	0.0	0.00	0.00	0.00
9 GAN.#3	155	68,614	59.5	84.5	96.4	11,616	COAL	42,089	18,933,142	796,877.0	1,990,019	2.90	47.28
10 GAN.#4	179	73,437	55.1	83.9	89.2	11,324	COAL	34,549	23,999,856	831,571.0	1,638,247	2.23	47.28
11 GAN.#5	227	118,414	70.1	84.8	89.6	10,492	COAL	52,575	23,648,311	1,242,364.0	2,483,919	2.10	47.28
12 GAN.#6	362	227,292	84.4	87.8	91.3	10,575	COAL	96,734	24,848,368	2,403,682.0	4,573,702	2.01	47.28
13 GANNON STA.	1,145	536,053	63.2	78.7	91.8	10,866	COAL	257,131	22,804,637	5,863,779.0	12,157,468	2.26	47.28
14 B.B.#1	421	231,572	73.9	84.8	84.4	10,341	COAL	106,797	22,421,725	2,394,573.0	4,535,197	1.96	42.47
15 B.B.#2	416	229,579	74.2	86.4	82.5	10,266	COAL	105,430	22,353,808	2,356,762.0	4,477,147	1.95	42.47
16 B.B.#3	429	268,770	84.2	83.9	93.2	9,890	COAL	113,964	23,320,457	2,658,159.0	4,840,398	1.80	42.47
17 B.B. 1-3	1,266	729,921	77.5	85.0	86.8	10,151	COAL	326,211	22,713,808	7,409,494.0	13,852,742	1.90	42.47
18 B.B.#4	442	295,509	89.9	91.9	96.1	9,906	COAL	132,370	22,113,659	2,927,185.0	6,923,177	2.34	52.30
19 B.B. STA.	1,708	1,025,430	80.7	86.8	89.3	10,080	COAL	458,581	22,540,574	10,336,679.0	20,775,919	2.03	45.30
20 PHILLIPS #1 (HVY OIL)	17	2,321	18.4	80.0	96.8	9,502	HVY OIL	3,489	6,321,009	22,054.0	90,175	3.89	25.85
21 PHILLIPS #2 (HVY OIL)	17	2,277	18.0	80.0	97.1	9,502	HVY OIL	3,423	6,320,771	21,636.0	88,469	3.89	25.85
22 SEB-PHILLIPS TOTAL	34	4,598	18.2	80.0	96.9	9,502	HVY OIL	6,912	6,320,891	43,690.0	178,644	3.89	25.85
23 POLK COAL	250	135,600	72.9	-	-	9,655	COAL	47,100	27,795,329	1,309,180.0	2,236,895	1.65	47.49
24 POLK OIL	250	15,067	8.1	-	-	7,915	LGT OIL	20,600	5,789,272	119,259.0	548,276	3.64	26.62
25 POLK TOTAL	250	150,667	81.0	80.1	97.7	9,481	-	-	-	1,428,439.0	2,785,171	1.85	-
26 GAN.C.T.#1	15	228	2.0	42.6	101.3	21,197	LGT OIL	833	5,801,921	4,833.0	22,827	10.01	27.40
27 B.B.C.T.#1	15	430	3.9	64.9	95.6	19,551	LGT OIL	1,449	5,801,932	8,407.0	39,708	9.23	27.40
28 B.B.C.T.#2	65	2,670	5.5	57.8	89.3	16,318	LGT OIL	7,511	5,800,559	43,568.0	205,828	7.71	27.40
29 B.B.C.T.#3	65	2,188	4.5	69.1	86.6	16,717	LGT OIL	6,306	5,800,349	36,577.0	172,807	7.90	27.40
30 C.T. TOTAL	190	5518	4.6	61.6	89.9	16,930	LGT OIL	16,099	5,800,671	93,385.0	441,170	8.00	27.40
31 TOT COAL (GAN, BB, POLK)	3,103	1,699,083	73.6	78.8	-	10,305	COAL	767,812	22,954,041	17,509,618.0	35,170,282	2.07	46.11
32 SYSTEM	3,489	1,742,018	67.1	76.9	96.8	10,364	-	-	-	18,054,879.0	37,149,056	2.13	-

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

13



SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD-MONTH OF: AUGUST 1998

SCHEDULE EA

(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	32	3,194	13.4	93.0	95.1	16,059	HV OIL	8,115	6,320,887	51,294.0	143,775	4.50	17.72
2 H.P.#2	32	2,914	12.2	93.0	94.9	16,039	HV OIL	7,354	6,321,206	46,739.0	131,001	4.50	17.72
3 H.P.#3	32	1,928	8.1	93.0	94.1	16,474	HV OIL	5,025	6,320,587	31,781.0	89,029	4.62	17.72
4 H.P.#4	41	3,203	11.0	93.0	94.0	16,337	HV OIL	8,666	6,320,909	54,777.0	153,537	4.56	17.72
5 H.P.#5	55	4,204	10.3	84.8	114.1	16,465	HV OIL	10,951	6,320,701	69,218.0	194,021	4.62	17.72
6 H.P. STATION	192	15,593	10.9	90.7	99.1	16,275	HV OIL	40,151	6,320,864	253,789.0	711,363	4.56	17.72
7 GAN.#1	114	49,809	58.8	84.0	98.1	11,714	COAL	30,871	18,933,465	584,485.0	1,463,277	2.93	47.40
8 GAN.#2	108	46,509	57.9	82.3	94.2	12,376	COAL	30,402	18,933,458	575,615.0	1,441,047	3.10	47.40
9 GAN.#3	155	69,185	60.0	84.5	95.8	11,618	COAL	42,454	18,933,151	803,788.0	2,012,308	2.91	47.40
10 GAN.#4	179	73,306	55.1	83.9	87.8	11,340	COAL	34,961	23,999,827	831,858.0	1,642,922	2.24	47.40
11 GAN.#5	227	120,140	71.1	84.8	91.7	10,471	COAL	53,240	23,644,741	1,258,846.0	2,523,562	2.10	47.40
12 GAN.#6	362	232,992	86.5	87.8	93.1	10,565	COAL	99,036	24,856,153	2,461,654.0	4,694,280	2.01	47.40
13 GANNON STA.	1,145	562,096	69.5	85.3	92.9	11,006	COAL	290,664	22,418,518	6,516,256.0	13,777,396	2.33	47.40
14 B.B.#1	421	237,064	75.7	84.8	86.4	10,314	COAL	109,069	22,421,623	2,445,504.0	4,656,899	1.96	42.70
15 B.B.#2	416	234,675	75.8	86.4	84.3	10,243	COAL	107,533	22,303,845	2,403,776.0	4,591,316	1.96	42.70
16 B.B.#3	429	269,503	84.5	83.9	93.5	9,890	COAL	114,314	23,320,591	2,665,870.0	4,890,843	1.81	42.70
17 B.B. 1-2	1,296	741,322	78.7	85.0	88.1	10,137	COAL	330,916	22,710,144	7,515,130.0	14,123,057	1.91	42.70
18 B.B.#4	642	296,863	90.3	91.9	96.5	9,908	COAL	133,005	22,113,720	2,941,222.0	6,990,703	2.35	52.56
19 B.B. STA.	1,708	1,036,185	81.7	86.8	90.4	10,072	COAL	463,921	22,539,122	10,456,372.0	21,119,790	2.03	45.52
20 PHILLIPS #1 (HV OIL)	17	2,075	16.4	80.0	96.9	9,503	HV OIL	3,118	6,321,886	19,718.0	82,008	3.95	26.29
21 PHILLIPS #2 (HV OIL)	17	2,033	16.1	80.0	97.2	9,503	HV OIL	3,057	6,319,564	19,319.0	80,378	3.95	26.29
22 SEB-PHILLIPS TOTAL	34	4,108	16.2	80.0	97.0	9,503	HV OIL	6,176	6,320,756	39,037.0	162,386	3.95	26.29
23 POLK COAL	250	82,031	49.5			9,852	COAL	32,000	28,347,438	907,118.0	1,438,878	1.56	44.87
24 POLK OIL	250	10,230	5.5			7,915	LGT OIL	14,000	5,783,500	80,969.0	372,941	3.85	26.54
25 POLK TOTAL	250	102,301	55.0	54.3	17.8	9,859				988,087.0	1,811,919	1.77	
26 GAILC.T.#1	15	362	3.5	77.8	96.8	21,214	LGT OIL	1,404	5,799,193	8,316.0	36,278	10.02	27.36
27 B.B.C.T.#1	15	411	3.7	64.9	97.9	19,538	LGT OIL	1,361	5,802,023	8,030.0	37,906	9.22	27.36
28 B.B.C.T.#2	65	1,255	2.6	46.8	91.9	16,180	LGT OIL	3,501	5,802,057	20,308.0	95,860	7.64	27.36
29 B.B.C.T.#3	65	1,660	3.4	53.5	91.5	16,862	LGT OIL	4,783	5,800,125	27,742.0	131,001	7.87	27.36
30 C.T. TOTAL	180	3,723	3.1	54.1	82.8	17,296	LGT OIL	11,102	5,800,216	64,364.0	304,072	8.17	27.36
31 TOT COAL (9H,8B,POLK)	3,103	1,722,342	74.6	79.2		10,381	COAL	786,585	22,730,850	17,879,746.0	36,336,134	2.11	46.19
32 SYSTEM	3,489	1,755,996	67.6	78.7	97.0	10,432				18,317,925.0	37,886,806		2.16

LEGEND: HV = HOOKERS POINT B B = BIG BEND HV=HV 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 1998

SCHEDULE E4

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	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	32	1,564	6.8	93.1	94.0	15,870	HVY OIL	3,827	6,320,601	24,821.0	66,671	4.45	17.74
2 H.P.#2	32	1,237	5.4	93.1	94.3	15,948	HVY OIL	3,121	6,321,051	19,728.0	55,371	4.48	17.74
3 H.P.#3	32	1,304	6.1	93.1	93.7	15,905	HVY OIL	3,307	6,321,928	22,171.0	62,574	4.46	17.74
4 H.P.#4	41	1,300	4.7	93.1	93.5	16,154	HVY OIL	3,527	6,320,669	22,293.0	62,574	4.53	17.74
5 H.P.#5	55	1,658	4.2	84.9	111.6	16,403	HVY OIL	4,303	6,320,474	27,197.0	76,341	4.80	17.74
6 H.P. STATION	192	7,233	5.2	97.8	97.6	16,067	HVY OIL	18,385	6,320,914	116,210.0	326,178	4.51	17.74
7 GAN.#1	114	13,869	16.9	21.1	98.1	11,643	COAL	8,529	18,933,169	161,481.0	407,179	2.94	47.74
8 GAN.#2	108	41,702	53.6	81.2	93.0	12,062	COAL	26,634	18,933,619	504,278.0	1,271,520	3.05	47.74
9 GAN.#3	155	60,530	54.2	64.6	95.2	11,567	COAL	36,980	18,933,451	700,159.0	1,785,444	2.92	47.74
10 GAN.#4	179	60,580	47.0	64.3	90.2	11,263	COAL	28,420	23,999,789	682,074.0	2,244,774	2.24	47.74
11 GAN.#5	227	112,374	68.8	64.9	89.4	10,300	COAL	49,317	23,651,723	1,166,432.0	2,354,418	2.10	47.74
12 GAN.#6	362	218,540	83.8	87.8	90.9	10,537	COAL	92,591	24,847,523	2,300,657.0	4,420,340	2.02	47.74
13 GANNON STA.	1,145	507,575	61.6	76.3	91.3	9,966	COAL	342,471	22,745,322	5,515,081.0	11,575,686	2.28	47.74
14 B.B.#1	421	220,034	72.6	84.9	82.8	10,220	COAL	100,609	22,421,513	2,255,806.0	4,303,883	1.96	42.78
15 B.B.#2	416	220,229	73.5	86.4	81.8	10,220	COAL	100,686	22,353,763	2,250,711.0	4,307,177	1.96	42.78
16 B.B.#3	429	290,530	84.3	83.9	93.4	9,782	COAL	109,280	23,320,580	2,548,473.0	4,674,813	1.79	42.78
17 B.B. 1-3	1,296	700,793	76.9	85.1	86.1	10,067	COAL	310,575	22,715,868	7,054,990.0	13,285,873	1.90	42.78
18 B.B.#4	442	298,737	80.1	91.9	96.4	9,840	COAL	127,587	22,113,553	2,821,623.0	6,753,263	2.36	52.93
19 B.B. STA.	1,708	987,530	80.3	86.8	88.9	10,001	COAL	438,172	22,540,493	9,874,613.0	20,039,136	2.03	45.73
20 PHILLIPS #1 (HVY OIL)	17	1,085	8.9	80.0	96.7	9,498	HVY OIL	1,630	8,322,096	10,309.0	45,977	4.24	28.21
21 PHILLIPS #2 (HVY OIL)	17	1,087	8.6	80.0	97.2	9,498	HVY OIL	1,588	8,321,788	10,039.0	44,793	4.24	28.21
22 SEB-PHILLIPS TOT %L	34	2,142	8.8	80.0	96.9	9,498	HVY OIL	3,218	6,321,939	20,348.0	90,770	4.24	28.21
23 POLK COAL	250	130,971	22.8	72.8	96.7	9,670	COAL	45,500	27,835,804	1,286,520.0	1,930,198	1.47	42.42
24 POLK OIL	250	14,562	8.1	80.1	97.5	7,916	LOT OIL	19,900	5,788,844	115,198.0	531,629	3.85	26.72
25 POLK TOTAL	250	145,523	80.8	80.1	97.5	9,495				1,381,718.0	2,461,827	1.89	
26 GAN.C.T.#1	15	165	1.5	41.5	100.0	21,206	LOT OIL	603	5,802,653	3,499.0	16,529	10.02	27.41
27 B.B.C.T.#1	15	174	1.6	65.0	96.7	19,506	LOT OIL	585	5,801,706	3,364.0	16,035	9.22	27.41
28 B.B.C.T.#2	65	1,504	2.4	69.2	84.9	16,376	LOT OIL	3,117	5,800,128	18,079.0	85,439	7.74	27.41
29 B.B.C.T.#3	65	854	1.8	69.2	87.6	16,754	LOT OIL	2,467	5,799,757	14,308.0	67,622	7.92	27.41
30 C.T. TOTAL	180	2,297	2.0	66.2	87.7	17,101	LOT OIL	6,772	5,800,354	39,280.0	185,625	8.08	27.41
31 TOT COAL (GN.BB.POLK)	3,103	1,628,076	72.8	76.0	96.4	10,244	COAL	726,143	22,940,680	16,658,214.0	33,545,020	2.06	46.20
32 SYSTEM	3,488	1,652,300	65.8	76.4	96.4	10,258				16,842,246.0	34,679,220	2.10	

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

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD OF: APRIL 1988 THRU SEPTEMBER 1988

	Apr-88	May-88	Jun-88	Jul-88	Aug-88	Sep-88	TOTAL
<b>HEAVY OIL</b>							
1 PURCHASES:							
2 UNITS (BBL)	25,142	36,869	39,383	52,621	46,327	21,603	222,945
3 UNIT COST (\$/BBL)	17.71	17.87	18.00	17.83	17.91	18.04	17.89
4 AMOUNT (\$)	463,013	658,872	708,707	938,067	829,776	380,797	3,988,232
5 BURNED:							
6 UNITS (BBL)	25,142	36,869	39,383	52,621	46,327	21,603	222,945
7 UNIT COST (\$/BBL)	19.49	19.22	19.01	18.80	18.86	19.30	19.05
8 AMOUNT (\$)	509,526	708,646	748,849	989,328	873,749	416,946	4,247,044
9 ENDING INVENTORY:							
10 UNITS (BBL)	139,530	139,530	139,530	139,530	139,530	139,530	139,530
11 UNIT COST (\$/BBL)	17.96	17.89	17.88	17.83	17.81	17.82	17.82
12 AMOUNT (\$)	2,505,266	2,496,590	2,494,700	2,487,142	2,485,036	2,486,000	2,486,000
13 DAYS SUPPLY:	132	126	143	207	413	667	-
<b>LIGHT OIL</b>							
14 PURCHASES:							
15 UNITS (BBL)	36,632	41,611	40,310	46,318	36,853	36,972	242,696
16 UNIT COST (\$/BBL)	27.96	27.24	26.53	26.82	27.07	27.08	27.10
17 AMOUNT (\$)	1,080,009	1,133,548	1,069,481	1,295,777	997,753	1,001,130	6,577,696
18 BURNED:							
19 UNITS (BBL)	27,739	30,396	29,849	36,699	25,102	26,672	178,257
20 UNIT COST (\$/BBL)	27.96	27.56	27.05	26.96	26.97	26.89	27.23
21 AMOUNT (\$)	775,455	837,740	802,149	989,446	677,013	717,254	4,799,057
22 ENDING INVENTORY:							
23 UNITS (BBL)	60,844	60,844	60,844	60,844	60,844	60,844	60,844
24 UNIT COST (\$/BBL)	27.98	27.72	27.30	27.13	27.13	27.17	27.17
25 AMOUNT (\$)	1,702,619	1,686,300	1,661,215	1,650,562	1,650,570	1,653,106	1,653,106
26 DAYS SUPPLY: NORMAL	49	51	52	65	73	78	-
27 DAYS SUPPLY: EMERGENCY	9	9	9	9	9	9	-
<b>COAL</b>							
28 PURCHASES:							
29 UNITS (TONS)	712,500	738,500	746,000	777,500	737,737	740,500	4,452,737
30 UNIT COST (\$/TON)	45.53	45.81	45.95	45.68	45.65	45.89	45.75
31 AMOUNT (\$)	32,442,068	33,829,854	34,277,604	35,517,431	33,680,043	33,981,402	203,728,402
32 BURNED:							
33 UNITS (TONS)	611,778	688,067	743,203	762,912	786,585	726,143	4,318,588
34 UNIT COST (\$/TON)	47.79	46.15	46.20	46.11	46.19	46.20	46.26
35 AMOUNT (\$)	28,624,054	31,756,072	34,336,743	35,170,282	36,336,134	33,545,020	199,768,305
36 ENDING INVENTORY:							
37 UNITS (TONS)	629,071	679,504	682,301	696,989	648,141	662,498	662,498
38 UNIT COST (\$/TON)	45.98	46.00	46.07	45.97	45.74	45.77	45.77
39 AMOUNT (\$)	28,927,310	31,255,107	31,433,972	32,039,866	29,647,502	30,321,591	30,321,591
40 DAYS SUPPLY:	27	28	28	30	29	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  
ESTIMATED FOR THE PERIOD OF: APRIL 1988 THRU SEPTEMBER 1988**

(CONTINUED)

(1) MONTH	(2) SOLD TO		(3) TYPE & SCHEDULE	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) cents/MWH		(8) TOTAL \$ FOR FUEL ADJUSTMENT (6)(7A)	(9) TOTAL COST \$ (6)(7B)	(10) \$% GAIN ON ECONOMY SALES
							(A) FUEL COST	(B) TOTAL COST			
Apr-88	VARIOUS		ECON	103,172.0	0.0	103,172.0	1.868	2.193	1,721,800.00	2,282,700.00	432,720.00
	VARIOUS	JURISD	SCH -D	3,564.0	0.0	3,564.0	1.809	1.809	17,205.00	67,200.00	
	VARIOUS	SEPARATED	SCH -D	29,440.0	0.0	29,440.0	1.441	1.888	424,100.00	497,000.00	
	HPP	SEPARATED	CONTRACT	22,231.0	0.0	22,231.0	2.286	3.084	508,100.00	887,800.00	
	VARIOUS		SCH -D	81,200.0	0.0	81,200.0	1.467	1.563	897,800.00	958,800.00	
	VARIOUS	JURISD	SCH -J	5,400.0	0.0	5,400.0	2.402	2.402	129,700.00	129,700.00	
	LESS VARIABLE O & M COSTS PLUS 80% OF ECON PROFITS								(131,000.00)	432,720.00	
TOTAL				224,987.0	0.0	224,987.0	1.798	2.040	4,040,230.00	4,581,000.00	
May-88	VARIOUS		ECON	70,187.0	0.0	70,187.0	1.700	2.283	1,193,200.00	1,802,600.00	327,520.00
	VARIOUS	JURISD	SCH -D	3,863.0	0.0	3,863.0	1.668	1.668	64,700.00	84,700.00	
	VARIOUS	SEPARATED	SCH -D	30,800.0	0.0	30,800.0	1.458	1.710	448,200.00	528,800.00	
	HPP	SEPARATED	CONTRACT	14,215.0	0.0	14,215.0	2.310	3.118	328,300.00	443,200.00	
	VARIOUS		SCH -D	63,240.0	0.0	63,240.0	1.468	1.563	828,800.00	968,400.00	
	VARIOUS	JURISD	SCH -J	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	LESS VARIABLE O & M COSTS PLUS 80% OF ECON PROFITS								(88,700.00)	327,520.00	
TOTAL				182,325.0	0.0	182,325.0	1.758	1.969	3,202,420.00	3,825,700.00	
Jun-88	VARIOUS		ECON	90,584.0	0.0	90,584.0	1.670	2.343	1,512,700.00	2,122,700.00	488,000.00
	VARIOUS	JURISD	SCH -D	8,920.0	0.0	8,920.0	1.745	1.745	103,300.00	103,300.00	
	VARIOUS	SEPARATED	SCH -D	34,081.0	0.0	34,081.0	1.488	1.710	500,900.00	583,100.00	
	HPP	SEPARATED	CONTRACT	18,201.0	0.0	18,201.0	2.345	3.154	428,900.00	574,000.00	
	VARIOUS		SCH -D	81,200.0	0.0	81,200.0	1.481	1.563	912,500.00	998,800.00	
	VARIOUS	JURISD	SCH -J	5,780.0	0.0	5,780.0	2.352	2.352	135,500.00	135,500.00	
	LESS VARIABLE O & M COSTS PLUS 80% OF ECON PROFITS								(115,000.00)	488,000.00	
TOTAL				215,796.0	0.0	215,796.0	1.838	2.074	3,964,800.00	4,475,200.00	
Jul-88	VARIOUS		ECON	73,058.0	0.0	73,058.0	1.682	2.138	1,141,200.00	1,580,800.00	335,680.00
	VARIOUS	JURISD	SCH -D	8,798.0	0.0	8,798.0	1.600	1.600	103,800.00	103,800.00	
	VARIOUS	SEPARATED	SCH -D	35,228.0	0.0	35,228.0	1.478	1.720	520,500.00	606,000.00	
	HPP	SEPARATED	CONTRACT	24,431.0	0.0	24,431.0	2.378	3.184	560,500.00	778,000.00	
	VARIOUS		SCH -D	63,240.0	0.0	63,240.0	1.504	1.563	951,000.00	988,400.00	
	VARIOUS	JURISD	SCH -J	5,952.0	0.0	5,952.0	2.354	2.354	140,100.00	140,100.00	
	LESS VARIABLE O & M COSTS PLUS 80% OF ECON PROFITS								(92,800.00)	335,680.00	
TOTAL				207,885.0	0.0	207,885.0	1.772	2.011	3,679,780.00	4,178,800.00	
Aug-88	VARIOUS		ECON	74,344.0	0.0	74,344.0	1.618	2.185	1,202,800.00	1,624,700.00	337,680.00
	VARIOUS	JURISD	SCH -D	5,840.0	0.0	5,840.0	1.836	1.836	107,200.00	107,200.00	
	VARIOUS	SEPARATED	SCH -D	30,228.0	0.0	30,228.0	1.477	1.720	520,300.00	605,800.00	
	HPP	SEPARATED	CONTRACT	21,235.0	0.0	21,235.0	2.389	3.197	507,200.00	678,800.00	
	VARIOUS		SCH -D	63,240.0	0.0	63,240.0	1.503	1.563	950,500.00	988,400.00	
	VARIOUS	JURISD	SCH -J	5,952.0	0.0	5,952.0	2.354	2.354	140,100.00	140,100.00	
	LESS VARIABLE O & M COSTS PLUS 80% OF ECON PROFITS								(94,400.00)	337,680.00	
TOTAL				205,839.0	0.0	205,839.0	1.784	2.014	3,671,180.00	4,145,000.00	
Sep-88	VARIOUS		ECON	88,319.0	0.0	88,319.0	1.659	2.195	1,133,100.00	1,499,400.00	293,040.00
	VARIOUS	JURISD	SCH -D	5,781.0	0.0	5,781.0	1.707	1.707	98,700.00	98,700.00	
	VARIOUS	SEPARATED	SCH -D	34,091.0	0.0	34,091.0	1.488	1.710	500,900.00	582,900.00	
	HPP	SEPARATED	CONTRACT	9,433.0	0.0	9,433.0	2.368	3.197	225,300.00	301,800.00	
	VARIOUS		SCH -D	81,200.0	0.0	81,200.0	1.481	1.563	912,300.00	958,800.00	
	VARIOUS	JURISD	SCH -J	5,780.0	0.0	5,780.0	2.352	2.352	135,500.00	135,500.00	
	LESS VARIABLE O & M COSTS PLUS 80% OF ECON PROFITS								(88,800.00)	293,040.00	
TOTAL				184,584.0	0.0	184,584.0	1.740	1.937	3,211,940.00	3,574,700.00	
Apr-88 THRU Sep-88	VARIOUS		ECON	479,864.0	0.0	479,864.0	1.648	2.225	7,804,800.00	10,672,800.00	2,214,840.00
	VARIOUS	JURISD	SCH -D	30,734.0	0.0	30,734.0	1.740	1.740	534,700.00	534,700.00	
	VARIOUS	SEPARATED	SCH -D	198,878.0	0.0	198,878.0	1.486	1.710	2,915,800.00	3,401,800.00	
	HPP	SEPARATED	CONTRACT	109,748.0	0.0	109,748.0	2.348	3.156	2,578,300.00	3,483,400.00	
	VARIOUS		SCH -D	373,320.0	0.0	373,320.0	1.487	1.563	5,562,000.00	5,830,000.00	
	VARIOUS	JURISD	SCH -J	28,824.0	0.0	28,824.0	2.362	2.362	680,900.00	680,900.00	
	LESS VARIABLE O & M COSTS PLUS 80% OF ECON PROFITS								(805,100.00)	2,214,840.00	
TOTAL				1,221,186.0	0.0	1,221,186.0	1.783	2.014	21,770,340.00	24,568,500.00	

PURCHASED POWER  
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD OF: APRIL 1998 THRU SEPTEMBER 1998

SCHEDULE E7

(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-98	VARIOUS	EMER.	3,008.0	0.0	2,036.0	972.0	5.165	5.165	50,200.00
	HPP	IPP	11,358.0	0.0	0.0	11,358.0	4.064	4.064	461,600.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	14,366.0	0.0	2,036.0	12,330.0	4.151	4.151	511,800.00
May-98	VARIOUS	EMER.	3,778.0	0.0	2,515.0	1,263.0	5.162	5.162	65,200.00
	HPP	IPP	63,625.0	0.0	0.0	63,625.0	2.962	2.962	1,884,500.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	67,403.0	0.0	2,515.0	64,888.0	3.005	3.005	1,949,700.00
Jun-98	VARIOUS	EMER.	4,457.0	0.0	2,994.0	1,463.0	5.161	5.161	75,500.00
	HPP	IPP	67,364.0	0.0	0.0	67,364.0	3.004	3.004	2,023,800.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	71,821.0	0.0	2,994.0	68,827.0	3.050	3.050	2,099,300.00
Jul-98	VARIOUS	EMER.	7,746.0	0.0	4,760.0	2,986.0	5.161	5.161	154,100.00
	HPP	IPP	68,681.0	0.0	0.0	68,681.0	3.022	3.022	2,075,200.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	76,427.0	0.0	4,760.0	71,667.0	3.111	3.111	2,229,300.00
Aug-98	VARIOUS	EMER.	7,483.0	0.0	4,591.0	2,892.0	5.163	5.163	149,300.00
	HPP	IPP	67,227.0	0.0	0.0	67,227.0	3.046	3.046	2,047,700.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	74,710.0	0.0	4,591.0	70,119.0	3.133	3.133	2,197,000.00
Sep-98	VARIOUS	EMER.	2,844.0	0.0	1,823.0	1,021.0	5.162	5.162	52,700.00
	HPP	IPP	47,181.0	0.0	0.0	47,181.0	2.931	2.931	1,382,700.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	50,025.0	0.0	1,823.0	48,202.0	2.978	2.978	1,435,400.00
Apr-98 THRU Sep-98	VARIOUS	EMER.	29,316.0	0.0	18,719.0	10,597.0	5.162	5.162	547,000.00
	HPP	IPP	325,436.0	0.0	0.0	325,436.0	3.035	3.035	9,875,500.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	354,752.0	0.0	18,719.0	336,033.0	3.102	3.102	10,422,500.00

ENERGY PAYMENT TO QUALIFYING FACILITIES  
 TAMPA ELECTRIC COMPANY  
 ESTIMATED FOR THE PERIOD OF: APRIL 1998 THRU SEPTEMBER 1998

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	cents/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (7)X(8A)
							(A) FUEL COST	(B) TOTAL COST	
Apr-98	VARIOUS	CO-GEN.	38,677.0	0.0	0.0	38,677.0	2.326	2.326	899,600.00
May-98	VARIOUS	CO-GEN.	39,966.0	0.0	0.0	39,966.0	2.301	2.301	919,600.00
Jun-98	VARIOUS	CO-GEN.	36,523.0	0.0	0.0	36,523.0	2.278	2.278	832,100.00
Jul-98	VARIOUS	CO-GEN.	41,305.0	0.0	0.0	41,305.0	2.366	2.366	977,100.00
Aug-98	VARIOUS	CO-GEN.	41,305.0	0.0	0.0	41,305.0	2.373	2.373	980,200.00
Sep-98	VARIOUS	CO-GEN.	39,973.0	0.0	0.0	39,973.0	2.123	2.123	848,600.00
TOTAL			237,749.0	0.0	0.0	237,749.0	2.295	2.295	5,457,200.00

ECONOMY ENERGY PURCHASES  
 TAMPA ELECTRIC COMPANY  
 ESTIMATED FOR THE PERIOD OF: APRIL 1998 THRU SEPTEMBER 1998

(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-98	VARIOUS	ECON.	1,868.0	4.320	80,700.00	5.241	97,900.00	17,200.00
May-98	VARIOUS	ECON.	5,158.0	4.000	206,300.00	5.052	260,800.00	54,300.00
Jun-98	VARIOUS	ECON.	4,757.0	4.276	203,400.00	5.018	238,700.00	35,300.00
Jul-98	VARIOUS	ECON.	8,039.0	4.472	359,500.00	5.134	412,700.00	53,200.00
Aug-98	VARIOUS	ECON.	6,371.0	4.382	279,200.00	5.027	320,300.00	41,100.00
Sep-98	VARIOUS	ECON.	7,071.0	4.418	312,400.00	5.163	365,100.00	52,700.00
TOTAL			33,264.0	4.334	1,441,500.00	5.097	1,695,300.00	253,800.00

RESIDENTIAL BILL COMPARISON  
 FOR MONTHLY USAGE OF 1000 KWH  
 TAMPA ELECTRIC COMPANY  
 ESTIMATED FOR THE PERIOD\* OF: APRIL 1998 THRU SEPTEMBER 1998

		Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	TOTAL
BASE RATE REVENUES	(\$)	51.92	51.92	51.92	51.92	51.92	51.92	51.92
FUEL RECOVERY REVENUES	(\$)	23.56	23.56	23.56	23.56	23.56	23.56	23.56
CONSERVATION REVENUES	(\$)	1.65	1.65	1.65	1.65	1.65	1.65	1.65
CAPACITY REVENUES	(\$)	1.88	1.88	1.88	1.88	1.88	1.88	1.88
ENVIRONMENTAL REVENUES	(\$)	0.33	0.33	0.33	0.33	0.33	0.33	0.33
TEMPORARY BASE RATE REDUCTION	(\$)	(1.30)	(1.30)	(1.30)	(1.30)	(1.30)	(1.30)	(1.30)
FL. GROSS REC. TAX REVENUES	(\$)	2.00	2.00	2.00	2.00	2.00	2.00	2.00
<b>TOTAL REVENUES</b>	<b>(\$)</b>	<b>80.04</b>	<b>80.04</b>	<b>80.04</b>	<b>80.04</b>	<b>80.04</b>	<b>80.04</b>	<b>80.04</b>

\* MONTHLY AND CUMULATIVE SIX MONTH ESTIMATED DATA



FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION  
 TAMPA ELECTRIC COMPANY  
 FOR THE PERIOD: OCTOBER 1997 THRU MARCH 1998

SCHEDULE ES

LINE NUMBER	(a) ACTUAL		(d) ESTIMATED				TOTAL PERIOD	LINE NUMBER	
	OCT-97	Nov-97	Dec-97	Jan-98	Feb-98	Mar-98			
1	FUEL COST OF SYSTEM NET GENERATION	30,720,965	29,965,461	29,227,389	33,421,028	27,347,757	29,210,128	178,912,748	1
1a	NUCLEAR FUEL DISPOSAL	0	0	0	0	0	0	0	1a
2	FUEL COST OF POWER SOLD *	4,559,181	6,107,143	3,545,620	6,341,900	4,091,300	3,899,040	28,543,384	2
3	FUEL COST OF PURCHASED POWER	1,597,832	409,518	728,900	1,256,700	1,080,800	758,400	5,812,150	3
3a	DEMAND & NON FUEL COST OF PUR POWER	0	0	0	0	0	0	0	3a
3b	QUALIFYING FACILITIES	627,610	532,270	626,100	310,000	708,300	890,500	3,498,780	3b
4	ENERGY COST OF ECONOMY PURCHASES	98,690	32,200	26,900	16,800	32,000	62,700	289,350	4
4a	ADJUSTMENTS TO FUEL COSTS (FT. MEADE / WAUCHULA WHEELING)	(3,521)	(2,573)	(3,500)	(3,500)	(3,500)	(3,500)	(20,094)	4a
4b	ADJUSTMENTS TO FUEL COSTS (OIL BELOW THE DISCHARGE VALVE)	0	0	(41,654)	0	0	0	(41,654)	4b
5	TOTAL FUEL & NET POWER TRANSACTION (SUM OF LINES 1 THRU 4b)	28,462,395	24,849,818	26,020,315	28,690,128	25,054,057	26,819,188	158,885,901	5
6	JURISDICTIONAL KWH SOLD (MWH)	1,323,633	1,107,991	1,144,352	1,232,094	1,145,793	1,104,945	7,058,809	6
6a	JURISDICTIONAL % OF TOTAL SALES	0.9909190	0.9919036	0.9982608	0.9975145	0.9980175	0.9982131	-	6a
6b	JURISDIC. TOT. FUEL & NET PWR. TRANS. (LINE 5 X LINE 6a)	28,223,747	24,648,623	25,975,065	28,586,893	25,004,387	26,771,265	159,211,970	6b
7	JURISDICTIONAL LOSS MULTIPLIER	1.00013	1.00013	1.00013	1.00013	1.00013	1.00013	-	7
7a	LINE 6b x LINE 7	28,227,416	24,651,627	25,978,432	28,592,610	25,007,638	26,774,745	159,232,698	7a
7b	PEABODY COAL CONTRACT BUY-OUT AMORT.	444,301	441,770	439,240	436,709	434,178	431,647	2,627,845	7b
7c	PEABODY JURISDICTIONALIZED (LINE 7b x LINE 6a)	440,298	438,193	438,476	435,624	433,317	430,876	2,616,752	7c
7d	FUEL CREDIT DIFFERENTIAL	(64,574)	(272,582)	251,220	(19,701)	(374,957)	(191,130)	(671,735)	7d
7e	REVENUE REFUND TRUE-UP ADJUSTMENT	(329,229)	0	0	0	0	0	(329,229)	7e
7f	TRANSMISSION ADJ. (JAN - NOV, 1997)	0	0	(1,954,803)	0	0	0	(1,954,803)	7f
8	JURISDIC. TOT. FUEL & NET PWR. TRANS. INCL. PEABODY, FUEL CREDIT & ADJ. (LINE 7a+7c+7d+7e+7f)	28,273,679	24,817,427	24,713,325	28,008,533	25,065,996	27,014,491	158,893,653	8
9	COST PER KWH SOLD (cents/KWH)	2.1361	2.2399	2.1596	2.3544	2.1877	2.4449	2.2510	9
10	TRUE UP ** (cents/KWH)	(0.0098)	(0.0098)	(0.0098)	(0.0098)	(0.0098)	(0.0098)	(0.0098)	10
11	TOTAL (LINES 9+10)(cents/KWH)	2.1263	2.2301	2.1498	2.3446	2.1779	2.4351	2.2412	11
12	REVENUE TAX FACTOR	1.00083	1.00083	1.00083	1.00083	1.00083	1.00083	1.00083	12
13	RECOVERY FAC. ADJ. FOR TAXES (c/KWH) (EXCL. GPPF)	2.1281	2.2320	2.1516	2.3485	2.1797	2.4371	2.2431	13
14	GPPF ** (cents/KWH) (ALREADY ADJUSTED FOR TAXES)	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	14
15	TOTAL RECOVERY FACTOR (LINES 13+14)	2.1295	2.2334	2.1530	2.3479	2.1811	2.4385	2.2445	15
16	RECOVERY FACTOR ROUNDED TO NEAREST .001 cents/KWH * INCLUDES ECONOMY SALES PROFITS (30%) ** BASED ON JURISDICTIONAL SALES ONLY	2.130	2.233	2.153	2.348	2.181	2.438	2.245	16

22

**GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE**  
**TAMPA ELECTRIC COMPANY**  
**ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1997 THRU MARCH 1998**

	ACTUAL		ESTIMATED				TOTAL
	Oct-97	Nov-97	Dec-97	Jan-98	Feb-98	Mar-98	
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1 HEAVY OIL	338,408	43	129,433	107,795	212,519	410,906	1,199,104
2 LIGHT OIL	403,151	831,446	479,612	617,234	572,903	540,437	3,244,783
3 COAL	29,979,406	29,353,992	27,618,344	32,695,999	26,562,335	26,258,785	174,468,661
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 (\$)	30,720,965	29,985,481	28,227,389	33,421,028	27,347,757	29,210,128	178,912,748
<b>SYSTEM NET GENERATION (MW%)</b>							
8 HEAVY OIL	7,616	(562)	2,916	2,296	3,775	4,085	20,126
9 LIGHT OIL	9,903	16,383	12,369	16,943	15,415	11,767	82,780
10 COAL	1,496,067	1,407,974	1,382,057	1,386,251	1,268,473	1,297,930	8,258,732
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)	1,513,586	1,423,795	1,397,342	1,405,490	1,307,663	1,313,782	8,361,658
<b>UNITS OF FUEL BURNED</b>							
15 HEAVY OIL (BBL)	18,449	0	6,492	5,279	10,572	21,061	61,853
16 LIGHT OIL (BBL)	15,262	23,818	17,846	22,268	20,415	19,211	118,820
17 COAL (TON)	689,739	642,572	627,275	708,520	576,365	601,478	3,845,949
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	116,530	0	41,031	33,368	66,627	133,133	390,689
22 LIGHT OIL	89,016	139,702	103,302	128,956	118,356	111,324	690,656
23 COAL	15,609,129	14,685,173	14,252,775	16,246,660	13,316,170	13,797,259	87,907,166
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)	15,814,675	14,824,875	14,397,108	16,408,984	13,501,353	14,041,716	88,988,711
<b>GENERATION MIX (% MWH)</b>							
28 HEAVY OIL	0.50	(0.04)	0.21	0.16	0.29	0.31	0.24
29 LIGHT OIL	0.65	1.15	0.89	1.21	1.18	0.90	0.99
30 COAL	98.85	98.89	98.90	98.63	98.53	98.79	98.77
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)	18.34	0.00	19.94	20.42	20.10	19.51	19.39
36 LIGHT OIL (\$/BBL)	26.42	26.51	26.88	27.72	28.06	28.13	27.31
37 COAL (\$/TON)	43.46	45.68	44.03	46.15	46.09	46.98	45.36
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	2.90	0.00	3.15	3.23	3.18	3.09	3.07
42 LIGHT OIL	4.53	4.52	4.64	4.79	4.84	4.85	4.70
43 COAL	1.92	2.00	1.94	2.01	1.99	2.05	1.98
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	2.02	1.96	2.04	2.03	2.08	2.01
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48 HEAVY OIL	15,301	0	14,071	14,533	17,703	32,591	19,422
49 LIGHT OIL	8,989	8,527	8,352	7,611	7,578	9,461	8,343
50 COAL	10,433	10,430	10,313	11,720	10,335	10,630	10,644
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)	10,448	10,412	10,303	11,675	10,325	10,688	10,642
<b>GENERATED FUEL COST PER KWH (cents/KWH)</b>							
55 HEAVY OIL	4.44	(0.01)	4.44	4.69	5.63	10.06	5.96
56 LIGHT OIL	4.07	3.85	3.88	3.64	3.72	4.59	3.92
57 COAL	2.00	2.08	2.00	2.36	2.06	2.18	2.11
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)	2.03	2.11	2.02	2.38	2.09	2.22	2.14

**SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS**  
**TAMPA ELECTRIC COMPANY**  
**ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1987 THRU MARCH 1988**

	ACTUAL		ESTIMATED				TOTAL
	Oct-87	Nov-87	Dec-87	Jan-88	Feb-88	Mar-88	
<b>HEAVY OIL</b>							
1 PURCHASES:							
2 UNITS (BBL)	3,595	(276)	6,492	5,279	10,572	21,061	46,723
3 UNIT COST (\$/BBL)	15.41	0.00	20.05	20.41	19.30	18.17	18.43
4 AMOUNT (\$)	55,398	0	130,148	107,739	203,990	382,675	879,950
5 BURNED:							
6 UNITS (BBL)	18,449	0	6,492	5,279	10,572	21,061	61,853
7 UNIT COST (\$/BBL)	18.34	0.00	19.94	20.42	20.10	19.51	19.39
8 AMOUNT (\$)	338,408	43	129,433	107,795	212,519	410,906	1,199,104
9 ENDING INVENTORY:							
10 UNITS (BBL)	139,806	139,530	139,530	139,530	139,530	139,530	139,530
11 UNIT COST (\$/BBL)	18.03	18.07	17.92	17.99	18.06	18.04	18.04
12 AMOUNT (\$)	2,520,780	2,520,780	2,500,331	2,510,586	2,519,413	2,517,427	2,517,427
13 DAYS SUPPLY:	605	668	440	268	200	168	-
<b>LIGHT OIL</b>							
14 PURCHASES:							
15 UNITS (BBL)	30,012	17,504	27,233	34,161	30,620	29,349	168,879
16 UNIT COST (\$/BBL)	29.12	26.43	27.68	28.89	28.76	28.72	28.43
17 AMOUNT (\$)	873,838	462,598	753,812	986,968	880,749	842,996	4,800,961
18 BURNED:							
19 UNITS (BBL)	15,262	23,818	17,846	22,268	20,415	19,211	118,820
20 UNIT COST (\$/BBL)	26.42	26.51	26.88	27.72	28.06	28.13	27.31
21 AMOUNT (\$)	403,151	631,446	479,612	617,234	572,903	540,437	3,244,783
22 ENDING INVENTORY:							
23 UNITS (BBL)	60,041	60,844	60,844	60,844	60,844	60,844	60,844
24 UNIT COST (\$/BBL)	26.14	26.09	26.51	27.28	27.70	28.00	28.00
25 AMOUNT (\$)	2,092,012	1,587,328	1,613,278	1,660,013	1,685,577	1,703,839	1,703,839
26 DAYS SUPPLY: NORMAL	93	66	66	62	60	53	-
27 DAYS SUPPLY: EMERGENCY	11	9	9	9	9	9	-
<b>COAL</b>							
28 PURCHASES:							
29 UNITS (TONS)	517,205	587,003	695,000	621,500	699,500	647,500	3,767,708
30 UNIT COST (\$/TON)	45.31	47.07	44.22	46.61	46.10	46.84	46.00
31 AMOUNT (\$)	23,335,184	27,629,654	30,729,583	28,965,449	32,246,175	30,326,614	173,332,659
32 BURNED:							
33 UNITS (TONS)	689,739	642,572	627,275	708,520	576,365	601,478	3,845,949
34 UNIT COST (\$/TON)	43.46	45.68	44.03	46.15	46.09	46.98	45.36
35 AMOUNT (\$)	29,979,406	29,353,992	27,618,344	32,695,999	26,562,335	28,258,785	174,468,861
36 ENDING INVENTORY:							
37 UNITS (TONS)	424,876	369,307	446,212	359,192	467,327	528,349	528,349
38 UNIT COST (\$/TON)	42.78	45.03	44.95	46.28	46.76	47.05	47.05
39 AMOUNT (\$)	18,177,956	16,631,096	20,059,109	16,622,591	22,551,526	24,857,201	24,857,201
40 DAYS SUPPLY:	20	18	22	18	23	24	-
<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-ADDITIONS, SHORT OR ANGIO INVENTORY ADJUSTMENT ARE INCLUDED

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

[SCHEDULE #4]

(1) MONTH	(2) SOLD TO		(3) TYPE & SCHEDULE	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) emls/KWH		(8) TOTAL \$ FOR FUEL ADJUSTMENT (\$1/(7A))	(9) TOTAL COST \$ (\$1/(7B))	(10) 80% GAIN ON ECONOMY ENERGY SALES
							(A) FUEL COST	(B) TOTAL COST			
ACTUAL	VARIOUS		ECON	171,841.0	0.0	171,841.0	1.647	2,155	2,629,785.99	3,564,967.67	568,161.35
Oct-87	VARIOUS	JURISD	SCH -D	6,741.0	128.3	6,612.7	1.303	1,303	86,191.95	86,191.95	
	VARIOUS	SEPARATED	SCH -D	38,341.0	0.0	38,341.0	1.401	1,646	537,311.21	631,056.95	
	VARIOUS	JURISD	SCH -G	80.0	0.0	80.0	2.008	2,008	1,204.90	1,204.90	
	HPP	SEPARATED	CONTRACT	27,020.0	0.0	27,020.0	1.868	2,463	504,257.87	665,614.38	
	VARIOUS	JURISD	SCH -D	26,375.0	0.0	26,375.0	1.433	1,550	378,015.12	408,925.50	
	VARIOUS	JURISD	SCH -J	6,805.0	0.0	6,805.0	1.735	1,735	114,064.58	118,064.58	
	LESS TRANSMISSION COSTS								(278,504.87)		
	LESS VARIABLE O & M COSTS								(207,287.28)		
	PLUS 80% OF ECON. PROFITS								568,161.35		
TOTAL				277,183.0	128.3	277,054.7	1.646	1.977	4,559,180.84	5,476,025.93	
ACTUAL	VARIOUS		ECON	265,415.0	0.0	265,415.0	1.672	2,149	4,438,470.17	5,704,199.80	1,012,583.55
Nov-87	VARIOUS	JURISD	SCH -D	7,186.0	0.0	7,186.0	1.344	1,344	96,594.15	96,594.15	
	VARIOUS	SEPARATED	SCH -D	36,421.0	0.0	36,421.0	1.368	1,602	497,489.52	583,562.78	
	VARIOUS	JURISD	SCH -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED	CONTRACT	19,114.0	0.0	19,114.0	2.204	2,888	421,255.78	571,107.86	
	VARIOUS	JURISD	SCH -D	25,331.0	0.0	25,331.0	1.401	1,539	354,822.80	389,899.10	
	VARIOUS	JURISD	SCH -J	2,175.0	0.0	2,175.0	1.719	1,719	37,384.71	37,384.71	
	LESS TRANSMISSION COSTS								(428,077.91)		
	LESS VARIABLE O & M COSTS								(325,479.45)		
	PLUS 80% OF ECON. PROFITS								1,012,583.55		
TOTAL				355,642.0	0.0	355,642.0	1.717	2.078	6,107,143.12	7,382,748.00	
ESTIMATED	VARIOUS		ECON	130,574.0	0.0	130,574.0	1.439	1,789	1,879,300.00	2,339,800.00	385,120.00
Dec-87	VARIOUS	JURISD	SCH -D	6,890.0	0.0	6,890.0	1.544	1,544	103,300.00	103,300.00	
	VARIOUS	SEPARATED	SCH -D	36,210.0	0.0	36,210.0	1.427	1,664	518,800.00	609,900.00	
	VARIOUS	JURISD	SCH -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED	CONTRACT	991.0	0.0	991.0	2.139	2,987	21,200.00	29,600.00	
	VARIOUS	JURISD	SCH -D	45,815.0	0.0	45,815.0	1.465	1,571	671,400.00	719,900.00	
	VARIOUS	JURISD	SCH -J	8,637.0	0.0	8,637.0	1.730	1,730	149,400.00	149,400.00	
	LESS VARIABLE O & M COSTS								(160,800.00)		
	PLUS 80% OF ECON. PROFITS								385,120.00		
TOTAL				228,917.0	0.0	228,917.0	1.549	1.725	3,545,820.00	3,947,700.00	
ESTIMATED	VARIOUS		ECON	273,750.0	0.0	273,750.0	1.423	1,877	3,895,800.00	5,138,300.00	994,000.00
Jan-88	VARIOUS	JURISD	SCH -D	3,623.0	0.0	3,623.0	1.529	1,529	55,400.00	55,400.00	
	VARIOUS	SEPARATED	SCH -D	30,523.0	0.0	30,523.0	1.465	1,718	447,300.00	524,500.00	
	VARIOUS	JURISD	SCH -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED	CONTRACT	4,282.0	0.0	4,282.0	2.324	3,132	99,500.00	134,100.00	
	VARIOUS	JURISD	SCH -D	63,240.0	0.0	63,240.0	1.489	1,563	941,500.00	998,400.00	
	VARIOUS	JURISD	SCH -J	12,880.0	0.0	12,880.0	1.981	1,981	255,100.00	255,100.00	
	LESS VARIABLE O & M COSTS								(347,700.00)		
	PLUS 80% OF ECON. PROFITS								994,000.00		
TOTAL				388,298.0	0.0	388,298.0	1.633	1.827	6,340,900.00	7,065,800.00	
ESTIMATED	VARIOUS		ECON	125,285.0	0.0	125,285.0	1.627	2,241	2,038,700.00	2,807,700.00	815,200.00
Feb-88	VARIOUS	JURISD	SCH -D	3,537.0	0.0	3,537.0	1.575	1,575	55,700.00	55,700.00	
	VARIOUS	SEPARATED	SCH -D	27,483.0	0.0	27,483.0	1.468	1,720	403,400.00	472,800.00	
	VARIOUS	JURISD	SCH -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED	CONTRACT	3,366.0	0.0	3,366.0	2.326	3,134	78,300.00	105,500.00	
	VARIOUS	JURISD	SCH -D	57,120.0	0.0	57,120.0	1.486	1,563	848,000.00	892,800.00	
	VARIOUS	JURISD	SCH -J	10,281.0	0.0	10,281.0	2.044	2,044	210,100.00	210,100.00	
	LESS VARIABLE O & M COSTS								(158,100.00)		
	PLUS 80% OF ECON. PROFITS								815,200.00		
TOTAL				227,072.0	0.0	227,072.0	1.802	2.001	4,091,300.00	4,544,800.00	
ESTIMATED	VARIOUS		ECON	106,863.0	0.0	106,863.0	1.670	2,250	1,794,800.00	2,403,900.00	495,440.00
Mar-88	VARIOUS	JURISD	SCH -D	3,704.0	0.0	3,704.0	1.601	1,601	58,300.00	58,300.00	
	VARIOUS	SEPARATED	SCH -D	30,220.0	0.0	30,220.0	1.472	1,725	444,700.00	521,300.00	
	VARIOUS	JURISD	SCH -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED	CONTRACT	5,471.0	0.0	5,471.0	2.380	3,188	130,250.00	174,400.00	
	VARIOUS	JURISD	SCH -D	63,240.0	0.0	63,240.0	1.504	1,563	951,300.00	988,400.00	
	VARIOUS	JURISD	SCH -J	7,968.0	0.0	7,968.0	2.123	2,123	189,200.00	189,200.00	
	LESS VARIABLE O & M COSTS								(135,700.00)		
	PLUS 80% OF ECON. PROFITS								495,440.00		
TOTAL				217,466.0	0.0	217,466.0	1.793	1.985	3,899,040.00	4,316,500.00	
Oct-87	VARIOUS		ECON	1,073,728.0	0.0	1,073,728.0	1.571	2,045	16,898,536.16	21,954,867.27	4,070,504.90
THRU	VARIOUS	JURISD	SCH -D	31,481.0	128.3	31,352.7	1.456	1,456	456,486.10	456,486.10	
Mar-88	VARIOUS	SEPARATED	SCH -D	199,196.0	0.0	199,196.0	1.429	1,678	2,847,000.73	3,343,119.73	
	VARIOUS	JURISD	SCH -G	80.0	0.0	80.0	2.008	2,008	1,204.90	1,204.90	
	HPP	SEPARATED	CONTRACT	60,244.0	0.0	60,244.0	2.083	2,789	1,254,113.85	1,880,322.04	
	VARIOUS	JURISD	SCH -D	281,121.0	0.0	281,121.0	1.475	1,561	4,146,137.72	4,388,324.80	
	VARIOUS	JURISD	SCH -J	48,746.0	0.0	48,746.0	1.927	1,927	839,249.29	839,249.29	
	LESS TRANSMISSION COSTS								(702,582.78)		
	LESS VARIABLE O & M COSTS								(1,335,886.71)		
	PLUS 80% OF ECON. PROFITS								4,070,504.90		
TOTAL				1,694,578.0	128.3	1,694,449.7	1.665	1.934	28,543,363.96	32,763,373.93	

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

SCHEDULE E7

ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1997 THRU MARCH 1998

(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	EMER	15,164.0	0.0	3,026.5	12,137.5	3.522	3.522	427,484.19
Oct-97	HPP	IPP	33,097.0	0.0	0.0	33,097.0	3.536	3.538	1,170,347.66
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL			48,261.0	0.0	3,026.5	45,234.5	3.532	3.711	1,597,831.85
ACTUAL	VARIOUS	EMER	75.0	0.0	0.0	75.0	5.133	5.133	3,850.00
Nov-97	HPP	IPP	4,872.0	0.0	0.0	4,872.0	8.327	8.594	405,668.32
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL			4,947.0	0.0	0.0	4,947.0	8.278	8.281	409,518.32
ESTIMATED	VARIOUS	EMER	697.0	0.0	421.0	276.0	5.036	5.030	13,900.00
Dec-97	HPP	IPP	15,211.0	0.0	0.0	15,211.0	4.701	4.701	715,000.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL			15,908.0	0.0	421.0	15,487.0	4.707	4.707	728,900.00
ESTIMATED	VARIOUS	EMER	1,266.0	0.0	614.0	652.0	5.169	5.169	33,700.00
Jan-98	HPP	IPP	23,474.0	0.0	0.0	23,474.0	5.210	5.210	1,223,000.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL			24,740.0	0.0	614.0	24,126.0	5.209	5.209	1,256,700.00
ESTIMATED	VARIOUS	EMER	902.0	0.0	528.0	374.0	5.160	5.160	19,300.00
Feb-98	HPP	IPP	19,877.0	0.0	0.0	19,877.0	5.240	5.240	1,041,500.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL			20,779.0	0.0	528.0	20,251.0	5.238	5.238	1,060,800.00
ESTIMATED	VARIOUS	EMER	1,661.0	0.0	1,106.0	555.0	5.171	5.171	28,700.00
Mar-98	HPP	IPP	22,197.0	0.0	0.0	22,197.0	3.287	3.287	729,700.00
	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL			23,858.0	0.0	1,106.0	22,752.0	3.333	3.333	758,400.00
Oct-97	VARIOUS	EMER	19,765.0	0.0	5,695.5	14,069.5	3.745	3.745	526,934.19
THRU	HPP	IPP	118,728.0	0.0	0.0	118,728.0	4.452	4.452	5,285,215.98
Mar-98	ST. CLOUD	PEAKING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL			138,493.0	0.0	5,695.5	132,797.5	4.377	4.377	5,812,150.17

ENERGY PAYMENT TO QUALIFYING FACILITIES  
 TAMPA ELECTRIC COMPANY  
 ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1997 THRU MARCH 1998

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)	
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	cents/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (7)X(8A)	
							(A) FUEL COST	(B) TOTAL COST		
ACTUAL	Oct-97	VARIOUS	CO-GEN.	42,994.0	0.0	113.0	42,881.0	1.464	1.464	627,610.26
ACTUAL	Nov-97	VARIOUS	CO-GEN.	40,365.0	0.0	0.0	40,365.0	1.319	1.319	532,269.95
ESTIMATED	Dec-97	VARIOUS	CO-GEN.	39,463.0	0.0	0.0	39,463.0	1.592	1.592	628,100.00
ESTIMATED	Jan-98	VARIOUS	CO-GEN.	20,118.0	0.0	0.0	20,118.0	1.541	1.541	310,000.00
ESTIMATED	Feb-98	VARIOUS	CO-GEN.	32,889.0	0.0	0.0	32,889.0	2.154	2.154	708,300.00
ESTIMATED	Mar-98	VARIOUS	CO-GEN.	37,974.0	0.0	0.0	37,974.0	1.818	1.818	690,500.00
	TOTAL			213,803.0	0.0	113.0	213,690.0	1.636	1.636	3,496,780.21

ECONOMY ENERGY PURCHASES  
 TAMPA ELECTRIC COMPANY  
 ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1997 THRU MARCH 1998

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	TRANSACTION COST cents/KWH	TOTAL \$ FOR FUEL ADJUSTMENT (4)X(5)	COST IF GENERATED		FUEL SAVINGS (7B)-(6)	
						(A) cents/KWH	(B) (\$000'S)		
ACTUAL	Oct-97	VARIOUS	ECON.	2,801.0	3.523	98,690.01	4.175	116,928.27	18,238.26
ACTUAL	Nov-97	VARIOUS	ECON.	1,010.0	3.195	32,264.66	4.294	43,367.88	11,103.22
ESTIMATED	Dec-97	VARIOUS	ECON.	698.0	3.854	26,900.00	4.971	34,700.00	7,800.00
ESTIMATED	Jan-98	VARIOUS	ECON.	394.0	4.264	16,800.00	5.305	20,900.00	4,100.00
ESTIMATED	Feb-98	VARIOUS	ECON.	824.0	3.883	32,000.00	5.000	41,200.00	9,200.00
ESTIMATED	Mar-98	VARIOUS	ECON.	1,419.0	4.419	62,700.00	5.130	72,800.00	10,100.00
TOTAL			-	7,146.0	3.769	269,354.67	4.617	329,896.15	60,541.48

28

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY

SCHEDULE H1

PERIOD OF: APRIL THRU SEPTEMBER  
ACTUAL 1996 ACTUAL 1996 ACTUAL 1997 PROJ. 1998

DIFFERENCE (%) FROM PRIOR PERIOD  
1996/95% 1996/97% 1997/96%

FUEL COST OF SYSTEM NET GENERATION (\$)				DIFFERENCE (%) FROM PRIOR PERIOD				
	ACTUAL 1996	ACTUAL 1996	ACTUAL 1997	PROJ. 1998	1996/95%	1996/97%	1997/96%	
1	HEAVY OIL	4,240,163	5,449,719	6,941,300	4,247,044	28.5%	27.4%	-38.8%
2	LIGHT OIL	264,865	5,302,625	6,667,905	4,799,057	1902.0%	25.7%	-28.0%
3	COAL	196,368,228	184,602,630	176,189,584	199,768,305	-6.0%	-4.6%	13.4%
4	NATURAL GAS	0	0	0	0	0.0%	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	TOTAL (\$)	200,873,256	195,354,974	189,798,811	208,814,406	-7.7%	-7.8%	10.0%
SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL	110,626	125,714	169,666	95,761	13.6%	35.0%	-43.6%
9	LIGHT OIL	3,814	126,444	165,639	104,918	3215.3%	31.0%	-36.7%
10	COAL	9,092,039	9,007,097	8,658,726	9,607,523	-0.9%	-3.9%	11.0%
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	TOTAL (MWH)	9,206,479	9,259,255	8,994,031	9,808,202	0.6%	-2.9%	9.1%
UNITS OF FUEL BURNED								
15	HEAVY OIL (BBL)	255,919	291,919	376,341	222,945	14.1%	28.9%	-40.8%
16	LIGHT OIL (BBL)	11,158	203,833	258,478	176,257	1728.8%	28.8%	-31.8%
17	COAL (TON)	3,940,912	4,106,237	4,155,473	4,318,588	4.2%	1.2%	3.9%
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%
BTUS BURNED (MMBTU)								
21	HEAVY OIL	1,628,749	1,837,243	2,379,275	1,409,238	12.8%	29.5%	-40.8%
22	LIGHT OIL	64,857	1,186,813	1,509,615	1,021,692	1729.9%	27.2%	-32.3%
23	COAL	93,573,394	94,739,372	93,339,738	98,663,705	1.2%	-1.5%	5.7%
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	TOTAL (MMBTU)	95,267,000	97,763,428	97,228,828	101,094,635	2.6%	-0.5%	4.0%
GENERATION MIX (% MWH)								
28	HEAVY OIL	1.20	1.36	1.89	0.98	-	-	-
29	LIGHT OIL	0.04	1.37	1.84	1.07	-	-	-
30	COAL	98.76	97.27	96.27	97.95	-	-	-
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	TOTAL (%)	100.00	100.00	100.00	100.00	-	-	-
FUEL COST PER UNIT								
35	HEAVY OIL (\$/BBL)	16.57	18.67	18.44	19.05	12.7%	-1.2%	3.3%
36	LIGHT OIL (\$/BBL)	23.74	26.01	25.80	27.23	9.6%	-0.8%	5.5%
37	COAL (\$/TON)	49.83	44.96	42.40	46.26	-9.8%	-5.7%	9.1%
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%
FUEL COST PER MMBTU (\$/MMBTU)								
41	HEAVY OIL	2.60	2.97	2.92	3.01	14.2%	-1.7%	3.1%
42	LIGHT OIL	4.08	4.47	4.42	4.70	9.6%	-1.1%	6.3%
43	COAL	2.10	1.95	1.89	2.02	-7.1%	-3.1%	6.9%
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	TOTAL (\$/MMBTU)	2.11	2.00	1.95	2.07	-5.2%	-2.5%	6.2%
BTU BURNED PER KWH (BTU/KWH)								
48	HEAVY OIL	14,723	14,614	14,023	14,716	-0.7%	-4.0%	4.9%
49	LIGHT OIL	17,005	9,386	9,114	9,738	-44.8%	-2.9%	6.8%
50	COAL	10,292	10,518	10,780	10,269	2.2%	2.5%	-4.7%
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	TOTAL (BTU/KWH)	10,348	10,558	10,810	10,307	2.0%	2.4%	-4.7%
GENERATED FUEL COST PER KWH (cents/KWH)								
55	HEAVY OIL	3.83	4.34	4.09	4.44	13.3%	-5.8%	8.6%
56	LIGHT OIL	6.94	4.19	4.03	4.57	-39.6%	-3.8%	13.4%
57	COAL	2.16	2.05	2.03	2.08	-5.1%	-1.0%	2.5%
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	TOTAL (cents/KWH)	2.16	2.11	2.11	2.13	-3.2%	0.0%	0.9%

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



EXHIBIT NO. \_\_\_\_\_  
DOCKET NO. 980001-E1  
TAMPA ELECTRIC COMPANY  
(KOZ-3)  
SUBMITTED FOR FILING 01/15/98

TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY  
PROJECTED  
APRIL 1998 - SEPTEMBER 1998

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

	(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%	3,816,779	1,626	1.06611	1.05952	4,043,949	1,734	45.54%	58.78%
GS TS	55.78%	501,827	205	1.06589	1.05952	531,895	219	5.99%	7.42%
GSD, EV-X	74.11%	2,233,786	688	1.06460	1.05839	2,364,212	732	26.62%	24.81%
GSLD,SBF	82.90%	912,619	251	1.04821	1.04205	950,990	263	10.71%	8.92%
IS-1&3,SBI-1&3	N/A	890,945	N/A	N/A	1.02000	908,766	0	10.23%	0.00%
SLOL	819.04%	76,550	2	1.05556	1.05952	81,116	2	0.91%	0.07%
<b>TOTAL</b>		<b>8,432,514</b>	<b>2,772</b>			<b>8,880,728</b>	<b>2,950</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. 1998 through Sept. 1998.
- (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(3)
- (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 1998 THROUGH SEPTEMBER 1998

	PROJECTED							TOTAL
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER		
1 UNIT POWER CAPACITY CHARGES	\$ 1,098,500	\$ 1,098,500	\$ 1,098,500	\$ 1,098,500	\$ 1,098,500	\$ 1,098,500	\$ 1,098,500	\$ 6,591,000
2 CAPACITY PAYMENTS TO COGENERATORS	1,079,700	1,079,700	1,079,700	1,079,700	1,079,700	1,079,700	1,079,700	6,478,200
3 (UNIT POWER CAPACITY REVENUES)	(102,500)	(75,800)	(148,200)	(141,700)	(141,100)	(148,100)	(148,100)	(737,400)
4 SYSTEM TOTAL	\$ 2,075,700	\$ 2,102,400	\$ 2,030,000	\$ 2,036,500	\$ 2,037,100	\$ 2,030,100	\$ 2,030,100	\$ 12,311,600
5 JURISDICTIONAL PERCENTAGE	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%
6 JURISDICTIONAL CAPACITY PAYMENTS	\$ 2,043,825	\$ 2,070,115	\$ 1,998,827	\$ 2,005,227	\$ 2,005,818	\$ 1,998,925	\$ 1,998,925	\$ 12,122,737
7 ACTUAL ESTIMATED TRUE-UP FOR THE PERIOD OCTOBER 1997 - MARCH 1998 (OVER/UNDER RECOVERY)								
8 TOTAL								208,762
9 REVENUE TAX FACTOR								\$ 12,421,519
10 TOTAL RECOVERABLE CAPACITY PAYMENTS								1,00083
								\$ 12,431,829

CALCULATION OF JURISDICTIONAL %

	1998 AVG 12 CP MW	%
FFSC	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 1998 THROUGH SEPTEMBER 1998

RATE CLASS	(1) Percentage of Sales at Generation (%)	(2) Percentage of Demand at Generation (%)	(3) Energy Retained Cost (\$)	(4) Demand Retained Cost (\$)	(5) Total Capacity Costs (\$)	(6) Projected Sales at Meter (year)	(7) Capacity Recovery Factor (\$/year)
RES	45.54%	58.78%	425,376	6,745,488	7,180,864	3,816,778,585	0.00188
GEN TS	5.89%	7.42%	57,215	851,505	908,771	501,825,552	0.00181
GEN EV-1	26.62%	24.81%	254,116	2,847,151	3,101,640	2,233,798,000	0.00138
GEN D 58F	10.71%	8.92%	777,086	1,023,843	1,800,929	912,818,883	0.00123
IS-14.3 58B-14.3	10.22%	0.00%	97,800	0	97,800	880,845,000	0.00011
SUOL	0.81%	0.07%	8,700	8,033	16,733	78,558,852	0.00022
TOTAL	100.00%	100.00%	956,008	11,475,821	12,431,829	8,432,513,905	0.00147

7.65% \* 92.31% \*

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

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

	ACTUAL OCT 97	ACTUAL NOV 97	REVISED PROJECTION DEC 97	REVISED PROJECTION JAN 98	REVISED PROJECTION FEB 98	REVISED PROJECTION MAR 98	TOTAL
1 UNIT POWER CAPACITY CHARGES	\$ 1,126,078	\$ 794,690	\$ 1,097,100	\$ 1,098,500	\$ 1,068,500	\$ 1,068,500	\$ 6,313,368
2 CAPACITY PAYMENTS TO COGENERATORS	1,028,545	1,028,545	1,107,200	1,066,100	1,056,100	1,056,100	6,329,590
3 (UNIT POWER CAPACITY REVENUES)	(147,755)	(121,957)	(233,000)	(202,600)	(174,300)	(158,200)	(1,037,812)
4 TOTAL CAPACITY CHARGES - CURRENT PERIOD	\$ 2,006,868	\$ 1,701,278	\$ 1,971,300	\$ 1,961,000	\$ 1,879,300	\$ 1,965,400	\$ 11,605,146
5 JURISDICTIONAL PERCENTAGE	98.433%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	
6 JURISDICTIONAL CAPACITY PAYMENTS	\$ 1,978,050	\$ 1,675,153	\$ 1,941,028	\$ 1,921,040	\$ 1,948,905	\$ 1,964,758	\$ 11,426,934
7 CAPACITY COST RECOVERY REVENUES (NET OF REVENUE TAXES)	2,325,886	1,862,384	1,938,156	2,150,714	1,981,908	1,869,054	12,128,104
8 PRIOR PERIOD TRUE-UP PROVISION	(57,515)	(57,515)	(57,515)	(57,515)	(57,515)	(57,515)	(345,068)
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (NET OF REVENUE TAXES)	\$ 2,268,373	\$ 1,804,869	\$ 1,880,641	\$ 2,093,199	\$ 1,924,393	\$ 1,811,541	\$ 11,783,018
10 TRUE-UP PROVISION FOR MONTH - OVER/UNDER RECOVERY (LINE 9 - LINE 8)	\$ 297,323	\$ 129,716	\$ (80,367)	\$ 172,156	\$ (24,512)	\$ (153,217)	\$ 356,062
11 INTEREST PROVISION FOR MONTH	(3,746)	(2,530)	(2,208)	(1,734)	(1,066)	(1,248)	(12,652)
12 TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH - OVER/UNDER RECOVERY	(345,068)	1,004	185,705	180,625	408,565	440,462	(345,068)
13 DEFERRED TRUE-UP - OVER/UNDER RECOVERY	(642,312)	(642,312)	(642,312)	(642,312)	(642,312)	(642,312)	(642,312)
14 PRIOR PERIOD TRUE-UP PROVISION - COLLECTED/REFUNDED THIS MONTH	57,515	57,515	57,515	57,515	57,515	57,515	345,068
15 END OF PERIOD TRUE-UP - OVER/UNDER RECOVERY (SUM OF LINES 10 - 14)	\$ (641,308)	\$ (456,807)	\$ (461,687)	\$ (233,747)	\$ (201,800)	\$ (298,782)	\$ (298,782)

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

	ACTUAL OCT 97	ACTUAL NOV 97	REVISED PROJECTION DEC 97	REVISED PROJECTION JAN 98	REVISED PROJECTION FEB 98	REVISED PROJECTION MAR 98	TOTAL
1. BEGINNING TRUE-UP AMOUNT	(987,400)	(641,308)	(456,607)	(461,687)	(233,747)	(201,830)	N/A
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST	(637,562)	(454,077)	(459,479)	(232,013)	(200,744)	(297,534)	N/A
3. TOTAL BEGINNING & ENDING TRUE-UP AMOUNT (LINES 1 + 2)	(1,624,962)	(1,095,385)	(916,086)	(693,700)	(434,491)	(499,364)	N/A
4. AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(812,481)	(547,693)	(458,043)	(346,850)	(217,246)	(249,682)	N/A
5. INT RATE % - FIRST DAY REP. BUS. MONTH	5.530	5.530	5.560	6.000	6.000	6.000	N/A
6. INT RATE % - FIRST DAY SUBSEQUENT MONTH	5.530	5.560	6.000	6.000	6.000	6.000	N/A
7. TOTAL (LINE 5 + LINE 6)	11.060	11.090	11.560	12.000	12.000	12.000	N/A
8. AVERAGE INT. RATE % (50% OF LINE 7)	5.530	5.545	5.780	6.000	6.000	6.000	N/A
9. MONTHLY AVG. INT. RATE % (LINE 8*12)	0.461	0.462	0.482	0.500	0.500	0.500	N/A
10. INT. PROVISION (LINE 4 X LINE 9)	(3,746)	(2,530)	(2,208)	(1,734)	(1,066)	(1,248)	(12,552)

**Tampa Electric Company**  
Deferred Revenue Plan \$25 Million Base Rate Adjustment  
April 1998 Through December 1998

Month	Beginning Balance \$	Projected Retail Sales MWH	Projected Revenue \$	Ending Balance \$
Oct-97	\$25,000,000	1,323,633	\$1,714,301	\$23,285,699
Nov-97	\$23,285,699	1,166,790	\$1,511,166	\$21,774,533
Dec-97	\$21,774,533	1,144,330	\$1,482,077	\$20,292,456
Jan-98	\$20,292,456	1,232,094	\$1,595,745	\$18,696,711
Feb-98	\$18,696,711	1,145,793	\$1,483,972	\$17,212,739
Mar-98	\$17,212,739	1,104,945	\$1,431,068	\$15,781,671
Apr-98	\$15,781,671	1,156,538	\$1,497,888	\$14,283,783
May-98	\$14,283,783	1,290,315	\$1,671,149	\$12,612,634
Jun-98	\$12,612,634	1,454,088	\$1,883,259	\$10,729,375
Jul-98	\$10,729,375	1,515,374	\$1,962,634	\$8,766,741
Aug-98	\$8,766,741	1,495,046	\$1,936,305	\$6,830,436
Sep-98	\$6,830,436	1,521,153	\$1,970,118	\$4,860,318
Oct-98	\$4,860,318	1,362,055	\$1,764,064	\$3,096,254
Nov-98	\$3,096,254	1,213,280	\$1,571,377	\$1,524,877
Dec-98	\$1,524,877	1,177,377	\$1,524,877	\$0
	Retail Average Refund Rate		0.130 ¢/kWh	

Refund Adjustment For Variations in Line Loss			
Fuel Group	Average Refund	Line Loss Factor	Group Rate ¢/kWh
Group A: RS, GS, TS	0.130	1.0072	0.130
Group A1: SL, OL	0.130	1.0072	0.130
Group B: GSD, GSL, SBF	0.130	1.0013	0.130
Group C: IS, SBI	0.130	0.9687	0.125