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October 5, 1998

RECORDS AND
REPORTING

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RECORDS - FPSC

BY HAND DELIVERY

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. 980001-EI

Dear Ms. Bayo:

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

1. Petition of Tampa Electric Company 10941-95
2. Prepared Direct Testimony of Karen Zwolak with attached Exhibits (KOZ-2) and (KOZ-3) supporting Tampa Electric's projected Fuel and Purchased Power Cost Recovery and Capacity Cost Recovery for the Period January 1999 through December 1999. 10942-95
3. Prepared Direct Testimony of George A. Keselowsky with attached Exhibit (GAK-2) regarding Tampa Electric's proposed GPIF targets and ranges for the period October 1998 through December 1998. 10943-98
4. Prepared Direct Testimony of George A. Keselowsky with attached Exhibit (GAK-2) regarding Tampa Electric Company's proposed GPIF targets and ranges for the period January 1999 through December 1999. 10944-98

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

Thank you for your assistance in this matter.

Sincerely,


James D. Beasley

ACK _____
AFA Vaudre _____
APP _____
CAF _____
CMB _____
CTR _____
EAG Chikman _____
LEG 1 _____
LIN 3+orig _____
OPC _____
RCH _____
SEC 1 JDB/bjd _____
WAS _____
OTH _____

ORIGINAL

TAMPA ELECTRIC COMPANY
DOCKET NO. 980001-EI
SUBMITTED FOR FILING 10/05/98

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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 Franklin Street, Tampa, Florida 33602. My position is Manager - Energy Issues in the Regulatory Affairs Department of Tampa Electric.

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

1 treatment and disposal. In 1995, I transferred to Tampa
2 Electric's Energy Supply Department and assumed the duties
3 of the plant chemical engineer at the F. J. Gannon Station.
4 In 1997 I was promoted to Manager, Energy Issues in the
5 Electric Regulatory Affairs Department. My present
6 responsibilities include the areas of fuel adjustment,
7 capacity cost recovery, environmental filings and rate
8 design.

9
10 Q. What is the purpose of your testimony?

11
12 A. The purpose of my testimony is to present to the Commission
13 the proposed Total Fuel and Purchased Power Cost Recovery
14 factors and the proposed Capacity Cost Recovery factors for
15 the period of January 1999 through December 1999.

16
17 Q. Do you wish to sponsor an exhibit?

18
19 A. Yes. Exhibit No. ____ (KOZ-2) is comprised of Schedules H-1
20 for January - December, 1996 through 1999 and Schedules E-1
21 through E-10 for January 1999 - December 1999. Also
22 contained in this exhibit are Schedules E-2, E-3, E-5, E-6,
23 E-7, E-8 and E-9 for the prior period April through
24 December 1998. These schedules are furnished as back-up
25 for the projected true-up for this period and consist of

1 five actual months and four projected months. These
2 schedules are found in Exhibit No. ____ (KOZ-2), Fuel
3 Projection.
4

5 Fuel and Purchased Power Cost Recovery Factors / Capacity Cost
6 Recovery Clause
7

8 Q. What is the appropriate value of the fuel adjustment for
9 the new period?
10

11 A. The appropriate value for the new period is 2.255 cents per
12 kwh before the normal application of factors that adjust
13 for variations in line losses. Schedule E-1 of Exhibit No.
14 ____ (KOZ-2), Fuel Projection, shows the appropriate values
15 for the Total Fuel and Purchased Power Cost Recovery Clause
16 as projected for the period January through December 1999.
17

18 Q. Please describe the information provided on Schedule E-1C.
19

20 A. The GPIF and true-up factors are provided on Schedule E-1C.
21 Tampa Electric has calculated a GPIF penalty of (\$188,281)
22 which is to be included in the calculation of the Total
23 Fuel and Purchased Power Cost Recovery Fuel factors.
24

25 Additionally E-1C indicates the net true-up amount for the

1 April through December 1998 period. The net true-up amount
2 for this period is an overrecovery of \$5,261,113. This
3 overrecovery is comprised of a final true-up overrecovery
4 amount of \$53,414 for the October 1997 through March 1998
5 period and an estimated overrecovery in the amount of
6 \$8,799,535 for the April 1998 through December 1998 period
7 less the April through September 1998 overrecovery of
8 \$3,591,836 which was carried over in the true-up
9 calculation during the period October through December 1998
10 as a result of extending the Fuel and Purchased Power Cost
11 Recovery factors.

12

13 Q. Please describe the information provided on Schedule E-1D.

14

15 A. Schedule E-1D presents Tampa Electric's on-peak and off-
16 peak fuel charge factors for January through December 1999.

17

18 Q. What is the purpose of Schedule E-1E?

19

20 A. The purpose of Schedule E-1E is to present the standard,
21 on-peak and off-peak fuel charge factors after adjusting
22 for variations in line losses.

23

24 Q. Have the Fuel Recovery Loss Multiplier that reflect the
25 variation in line-losses been modified?

1 A. Yes. Document No. 2 of Exhibit (KOZ-2) shows revised Fuel
 2 Recovery Loss Multipliers and a revised Jurisdictional Loss
 3 Multiplier which have been modified to reflect actual 1997
 4 sales data and losses. Tampa Electric requests approval of
 5 these factors for the calculation of fuel factors
 6 applicable to each fuel group.

7
 8 Q. Please summarize the proposed Fuel and Purchased Power Cost
 9 Recovery factors by rate schedule for January through
 10 December 1999.

11
 12 A.

<u>Rate Schedule</u>	<u>Fuel Charge Factor (cents per kwh)</u>
Average Factor	2.255
RS, GS and TS	2.271
RST and GST	3.312 (on-peak)
	1.818 (off-peak)
SL-2, OL-1 and OL-3	2.042
GSD, GSLD, and SBF	2.259
GSDT, GSLDT, EV-X and SBFT	3.294 (on-peak)
	1.808 (off-peak)
IS-1, IS-3, SBI-1, SBI-3	2.183
IST-1, IST-3, SBIT-1, SBIT-3	3.184 (on-peak)
	1.747 (off-peak)

- 1 Q. How does Tampa Electric's proposed average fuel charge
2 factor of 2.255 cents per kwh compare to the average fuel
3 charge factor for the April through December 1998 period?
4
- 5 A. The proposed fuel charge factor is .082 cents per kwh (or
6 \$0.82 per 1000 kwh) lower than the average fuel charge
7 factor of 2.337 cents per kwh for the April through
8 December 1998 period.
9
- 10 Q. Are you also requesting Commission approval of the
11 projected Capacity Cost Recovery factors for the Company's
12 various rate schedules?
13
- 14 A. Yes. The Capacity Cost Recovery factors, prepared under my
15 direction or supervision, are provided in Exhibit No. ____
16 (KOZ-3), Capacity Cost Recovery.
17
- 18 Q. What payments are included in Tampa Electric's capacity
19 cost recovery factor?
20
- 21 A. Tampa Electric is requesting recovery through the Capacity
22 Cost Recovery factor of capacity payments for purchases of
23 power made for retail and all requirements customers,
24 excluding optional provision purchases for interruptible
25 customers.

1 Q. Please summarize the proposed Capacity Cost Recovery Clause
2 factors by rate schedule for the January through December
3 1999 period.

4

5 A.

6 <u>Rate Schedule</u>	Capacity Cost Recovery <u>Factor (cents per kwh)</u>
7 RS	0.206
8 GS and TS	0.174
9 GSD, EV-X	0.143
10 GSLD and SBF	0.129
11 IS-1, IS-3, SBI-1, SBI-3	0.012
12 SL-2, OL-1 and OL-3	0.042

13

14 These factors are shown in Exhibit No. ____ (KOZ-3), page 3
15 of 5.

16

17 Q. How does the proposed Capacity Cost Recovery factor compare
18 to the previous year's factor?

19

20 A. Previous factors were calculated based on six-month periods
21 and the factors fluctuated based on sales between the two
22 periods. Typically the summer factor (April through
23 September) results in lower Capacity Cost Recovery factors
24 than the winter period (October through March) since summer
25 sales are higher. By calculating the factor on a twelve

1 month basis, the capacity factor is "levelized" similar to
2 the Conservation Cost Recovery factor.

3

4 Events Affecting the Projection Filing

5

6 Q. Are there any events reflected in the calculation of the
7 1999 Fuel and Purchased Power and Capacity Cost Recovery
8 projections that are not reflected in the April through
9 December 1998 projections as filed in January 1998?

10

11 A. Yes. There are three. These are: 1) the completion of a
12 Temporary Base Rate Reduction which removes the related
13 credit on customer's bills, 2) the establishment of new
14 coal waterborne transportation rates which lowers the Fuel
15 and Purchased Power Cost Recovery factors, and 3) the
16 change in how Tampa Electric is serving the Florida
17 Municipal Power Agency (FMPA) wholesale agreement which has
18 no effect on the Fuel and Purchased Power Cost Recovery and
19 Capacity Cost Recovery factors.

20

21 Q. When does the Temporary Base Rate Reduction factor cease?

22

23 A. Starting with the first billing cycle in January 1999,
24 customer bills will no longer reflect the Temporary Base
25 Rate Reduction. This factor was established on September

1 25, 1996 when Tampa Electric, the Office of Public Counsel
2 and the Florida Industrial Power Users Group agreed to a
3 stipulation in which Tampa Electric agreed to reflect a \$25
4 million temporary base rate reduction as a line-item credit
5 on customers' bills. This reduction commenced October 1,
6 1997 and ends 15 months later on December 31, 1998. The
7 actual reduction is to be netted against 1999 refunds which
8 may have otherwise been made pursuant to the stipulations
9 reached in Docket No. 950379-EI approved in Order No. PSC-
10 96-0670-S-EI, issued May 20, 1996 and in Docket No. 960409-
11 EI, approved in Order No. PSC-96-1300-S-EI, issued October
12 24, 1996.

13
14 Q. How will Tampa Electric true-up the actual amount refunded
15 through the Temporary Base Rate Reduction?

16
17 A. Tampa Electric has calculated the Base Rate Reduction to
18 be refunded in each upcoming period based on projected
19 revenues for that period. In keeping with the approved
20 stipulation, Tampa Electric proposes to true-up the amount
21 actually refunded at the next available true-up filing in
22 1999 and requests that recovery of any differential amount
23 be collected or refunded in the January through December
24 2000 period.

25

- 1 Q. Please describe the second event you identified above.
2
- 3 A. Tampa Electric's current coal transportation contract with
4 TECO Transport will expire December 31, 1998. Tampa
5 Electric has negotiated a new contract with TECO Transport
6 in which new rates have been established which will be
7 effective January 1, 1999 through December 31, 2003.
8
- 9 Q. How will the new transportation rates impact Tampa Electric
10 customers?
11
- 12 A. The new contract establishes waterborne transportation
13 rates which are lower than those contained in the previous
14 contract. Tampa Electric has estimated the savings will be
15 approximately \$3 million in transportation costs during
16 1999 due to this new contract pricing.
17
- 18 Q. How does the new transportation contract pricing compare to
19 the benchmark analysis of rail transportation as provided
20 in Exhibit RB-1, filed with the Commission in June of 1998?
21
- 22 A. Benchmark data for rail transportation submitted by Tampa
23 Electric witness Rod Burkhardt for the June projection
24 filing (Exhibit RB-1), demonstrated that Tampa Electric's
25 transportation costs were significantly lower than those

1 reported by the utilities included in the benchmark
2 analysis. Because Tampa Electric's new contract with TECO
3 Transport will reduce transportation costs, the new
4 contract pricing will also be well below the charges
5 reported in the benchmark data.

6

7 Q. Please describe the third event you identified above.

8

9 A. Since the January 1998 filing that projected the Fuel and
10 Purchased Power Cost Recovery and Capacity Cost Recovery
11 factors that are in effect through December 1998, Tampa
12 Electric has changed how it is serving the FMPA wholesale
13 agreement by purchasing resources from third parties. The
14 purchases began March 1, 1998 and by April 28, 1998, the
15 total purchases equaled the sale to FMPA.

16

17 Q. How are these purchases and the FMPA sale reflected in the
18 calculation of the Fuel and Purchased Power Cost Recovery
19 and Capacity Cost Recovery factors for the period January
20 1999 through December 1999?

21

22 A. These transactions do not affect the cost recovery factor
23 in any way. The energy associated with the FMPA sale,
24 shown in Schedule E6, equals the energy purchased from
25 third parties as shown in Schedule E7. In other words, the

1 energy sold equals the energy purchased and no costs are
 2 borne by Tampa Electric customers.

3
 4 Q. What is the composite effect of the above changes on a
 5 1,000 kwh residential Customer?

6
 7 A. A residential bill for 1,000 kwh will increase \$0.63
 8 beginning January 1999. See table below.

	Apr. 98 thru	Jan 99 thru
<u>Type of Charge</u>	<u>Dec. 98</u>	<u>Dec. 99</u>
Customer	\$ 8.50	\$ 8.50
Energy	43.42	43.42
Conservation	1.65	1.65 ¹
Environmental	0.33	0.29
Fuel	23.54	22.71
Capacity	<u>1.88</u>	<u>2.06</u>
Subtotal	79.32	78.63
Temporary Base Rate Reduction	(1.30)	0.00
FGR Tax	<u>2.00</u>	<u>2.02</u>
Total	\$ 80.02	\$ 80.65

1

 Rate approved through March 1999.

- 1 Q. Please explain the \$0.63 per 1000 kwh increase in the
2 typical residential bill.
3
- 4 A. The discontinuation of the Temporary Base Rate Reduction
5 Factor increased the bill by \$1.30 per 1,000 kwh. Despite
6 this increase, Tampa Electric was able to achieve lower
7 combined cost recovery clause reductions of \$0.69 per 1,000
8 kwh so that overall residential customers incurred only a
9 \$0.63 per 1000 kwh increase.
10
- 11 Q. When should the new rates go into effect?
12
- 13 A. The new rates should go into effect concurrent with the
14 first billing cycle in January 1999.
15
- 16 Q. Does this conclude your testimony?
17
- 18 A. Yes it does.
19
20

TAMPA ELECTRIC COMPANY
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5	Schedule E-1C GPIF & True-Up Adj. Factors	(JAN.,1999 - DEC.,1999)
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9-10	Schedule E-3 Generating System Comparative Data	(")
11-22	Schedule E-4 System Net Generation & Fuel Cost	(")
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40	Schedule E-9 Economy Energy Purchases	(")
41	Schedule H-1 Generating System Comparative Data	(JAN. - DEC., 1996-99)

**FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 1999 THRU DECEMBER 1999**

	DOLLARS	MWH	cents/KWH
1. Fuel Cost of System Net Generation (E3)	377,406,973	17,949,322	2.10263
2. Nuclear Fuel Disposal Cost	0	0	0.00000
3. Coal Car Investment	0	0	0.00000
4. Adjustments to Fuel Cost (Fl. Meade / Wauchula Wheeling)	(36,000)	17,949,322 *	(0.00020)
4a. Adjustments to Fuel Cost	0	0	0.00000
5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4a)	377,370,973	17,949,322	2.10242
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	19,610,500	537,382	3.64927
7. Energy Cost of Sch C,X Economy Purchases (Broker) (E8)	1,103,200	24,265	4.54847
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)	8,323,300	415,188	2.00471
12. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 11)	29,037,000	976,835	2.97215
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)		18,926,157	
14. Fuel Cost of Economy Sales (E6)	22,131,600	1,179,676	1.87607
15. Gain on Economy Sales - 80% (E6)	5,088,960	1,179,676 *	0.43139
16. Fuel Cost of Schedule D Sales - Jurisd. (E6)	1,359,900	68,424	1.98746
16a. Fuel Cost of Schedule D Sales - Separated (E6)	4,310,300	259,111	1.66350
16b. Fuel Cost of Schedule D HPP Sales - Contract (E6)	6,041,700	255,600	2.36373
16c. Fuel Cost of Schedule J Sales - Jurisd. (E6)	559,200	23,420	2.38770
17. Fuel Cost of Other D Power Sales	0	0	0.00000
18. TOTAL FUEL COST AND GAINS OF POWER SALES	39,491,660	1,786,231	2.21089
19. Net Inadvertent Interchange		0	
19a. Wheeling Rec'd. less Wheeling Del'd.		0	
19b. Interchange and Wheeling Losses		26,800	
20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 6 + 12 + 18 + 19)	366,916,313	17,113,128	2.14406
21. Net Unbilled	0 (a)	0 (a)	0.00000
22. Company Use	964,627 *	45,000	0.00584
23. T & D Losses	17,478,731 *	815,217	0.10754
24. System MWH Sales	366,916,313	16,252,909	2.25754
25. Wholesale MWH Sales	(6,028,589)	(262,606)	2.29393
26. Jurisdictional MWH Sales	360,887,724	15,990,103	2.25694
26a. Jurisdictional Loss Multiplier			1.00066
27. Jurisdictional MWH Sales Adjusted for Line Loss	361,133,128	15,990,103	2.25848
28. True-up **	(5,261,113)	15,990,103	(0.03290)
29. Peabody Coal Contract Buy-Out Amort. (Jurisdictionalized)	4,635,960	15,990,103	0.02899
30. Fuel Credit Differential	0	15,990,103	0.00000
31. Total Jurisdictional Fuel Cost (Excl. GPIF)	360,507,975	15,990,103	2.25457
32. Revenue Tax Factor			1.00063
33. Fuel Factor (Excl. GPIF) Adjusted for Taxes	360,607,197	15,990,103	2.25644
34. GPIF ** (Already Adjusted for Taxes)	(188,281)	15,990,103	(0.00118)
35. Fuel Factor Adjusted for Taxes Including GPIF	360,618,916	15,990,103	2.25626
36. Fuel Factor Rounded to Nearest .001 cents per KWH			2.256

(a) Data not available at this time.

* For Informational Purposes Only

** Calculation Based on Jurisdictional KWH Sales

**CALCULATION OF TOTAL TRUE-UP
(PROJECTED PERIOD)
TAMPA ELECTRIC COMPANY
FOR THE PERIOD: JANUARY 1999 THRU DECEMBER 1999**

SCHEDULE E1-A

1. ESTIMATED OVER/(UNDER) RECOVERY	
April - September 1998 (5 months actual, 1 month estimated)	\$3,591,836
Oct. - Dec. 1998 (Includes Apr.-Sept. 98 over-recov. of \$3,591,836)	5,207,699
Total Over/(Under) Recovery (Schedule E1-B)	\$8,799,535
2. LESS APRIL - SEPTEMBER 1998 OVER-RECOVERY INCLUDED IN THE OCTOBER - DECEMBER 1998 PERIOD	(3,591,836)
3. FINAL TRUE-UP (6 months actual period) (Per True-Up Filed in May 1998)	\$53,414
4. TOTAL OVER/(UNDER) RECOVERY (Lines 1 + 2 + 3) To be included in 12 month projected period (Schedule E1, line 29)	\$5,261,113
5. JURISDICTIONAL MWH SALES (Projected period)	15,990,103
6. TRUE-UP FACTOR (Lines 4/5) * (100 cents/1000 KWH)	\$0.033

**CALCULATION OF ESTIMATED TRUE-UP
(3 MONTHS ACTUAL, 4 MONTHS ESTIMATED)
TAMPA ELECTRIC COMPANY
FOR THE PERIOD OF: APRIL 1999 THRU DECEMBER 1999**

	ACTUAL			ESTIMATED						TOTAL PERIOD
	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	
A 1. FUEL COST OF SYSTEM NET GENERATION	27,437,874	28,253,753	28,828,825	28,126,362	28,524,871	24,009,188	21,805,955	20,718,473	21,502,108	268,262,408
2. FUEL COST OF POWER SOLD *	2,725,288	1,890,102	8,838,021	4,222,721	3,116,093	1,844,790	2,840,180	1,805,100	4,783,700	28,857,875
3. FUEL COST OF PURCHASED POWER	195,778	4,187,429	3,471,322	4,385,100	3,329,738	2,785,100	587,700	814,700	391,800	25,748,467
3a. DEMAND & NON-FUEL COST OF PUR. PWR.	0	0	0	0	0	0	0	0	0	0
3b. ENERGY PAYMENTS TO QUALIFIED FACILITIES	638,320	716,580	887,723	701,719	799,878	730,800	608,800	844,000	588,700	8,126,495
4. ENERGY COST OF ECONOMY PURCHASES	13,228	46,751	8,828	45,128	48,880	349,900	44,300	90,802	11,500	858,114
5. ADJUSTMENTS TO FUEL COST P.T. MARRS / MINNAPALSA WEIRLANS	(2,980)	(3,818)	(5,284)	(4,270)	(4,487)	(3,000)	(3,000)	(3,000)	(3,000)	(32,838)
5a. ADJUSTMENTS TO FUEL COST	0	0	0	0	0	0	0	0	0	0
6. TOTAL FUEL & NET POWER TRANSACTION (Sum of Lines A1 Through 5a)	25,556,917	31,530,583	32,990,212	36,640,318	37,179,878	35,827,008	30,581,885	28,438,873	27,708,208	284,914,871
*INCLUDES ECONOMY SALES PROFITS (80%)										
B 1. JURISDICTIONAL MWH SALES	1,186,882	1,208,188	1,813,452	1,860,177	1,517,867	1,520,087	1,385,588	1,171,504	1,180,880	12,244,879
2. NON-JURISDICTIONAL MWH SALES	10,798	18,585	31,585	28,317	28,220	11,712	10,157	7,808	7,805	153,863
3. TOTAL SALES (Lines B1 + B2)	1,178,878	1,227,744	1,844,957	1,828,484	1,544,117	1,531,800	1,395,707	1,179,182	1,188,675	12,398,742
4. JURISDIC. % OF TOTAL SALES (Line B1/B3)	0.9888351	0.9848888	0.8798078	0.8820085	0.9830129	0.9823541	0.9829828	0.9835487	0.9833318	-
C 1. JURISDICTIONAL FUEL RECOVERY REVENUE (Net of Revenue Taxes)	26,878,474	27,858,841	25,075,112	27,081,848	26,088,548	26,520,518	21,844,735	27,327,318	27,779,843	284,328,328
1a. ADJUSTMENTS TO FUEL REVENUE	0	0	0	0	0	0	0	0	0	0
2. TRUE-UP PROVISION	728,854	728,854	728,854	728,854	728,854	728,851	1,187,279	1,187,279	1,187,279	7,884,857
2a. INCENTIVE PROVISION	80,581	80,581	80,581	80,581	80,581	80,582	80,581	80,581	80,581	545,320
2b. OTHER	0	0	0	0	0	0	0	0	0	0
3. FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2b)	27,795,919	28,648,286	25,884,507	27,811,293	26,865,981	26,308,961	22,902,805	28,565,188	29,037,812	292,848,812
4. TOTAL FUEL & NET PWR. TRANS. (Line A6)	25,556,917	31,530,583	32,990,212	36,640,318	37,179,878	35,827,008	30,581,885	28,438,873	27,708,208	284,914,871
5. JURISDIC. TOTAL FUEL & NET PWR. TRANS. (Line A6 x Line B4)	25,322,890	31,054,940	32,378,248	35,381,889	36,548,302	35,852,315	30,334,402	28,288,189	27,523,442	280,482,525
5a. JURISDIC. LOSS MULTIPLIER	1.00013	1.00013	1.00013	1.00013	1.00013	1.00013	1.00013	1.00013	1.00013	-
5b. LINE 5 X LINE 5a	25,325,982	31,058,077	32,380,485	35,388,500	36,553,053	35,858,930	30,338,345	28,292,817	27,527,820	280,528,899
5c. PEABODY COAL CONTRACT BUY-OUT AMORT.	428,118	428,585	424,054	421,523	418,982	418,481	413,920	411,389	408,888	3,787,828
5d. PEABODY JURISDICTIONALIZED (LINE 5c X LINE 5a)	422,211	420,138	415,407	413,838	411,875	413,277	410,852	408,745	408,142	3,722,588
5e. FUEL CREDIT DIFFERENTIAL	(13,179)	0	0	0	0	0	0	0	0	(13,179)
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS. INCL. PEABODY & FUEL CREDIT DIFF.	25,735,014	31,478,215	32,795,882	35,810,438	36,964,828	36,070,227	30,749,187	28,701,362	27,833,182	284,238,408
7. OVER/UNDER RECOVERY	2,820,905	(2,821,828)	3,088,885	2,840,864	(1,078,837)	238,734	2,153,408	1,883,828	1,104,800	8,811,208
8. INTEREST PROVISION	23,458	18,279	15,847	24,278	23,088	17,773	18,885	22,723	24,187	188,329
9. TOTAL ESTIMATED TRUE-UP FOR THE PERIOD										8,798,526

COMPARISON OF ESTIMATED ACTUAL VERSUS ORIGINAL PROJECTIONS
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
FOR THE PERIOD OF APR. 1988 THRU DEC. 1988

SCHEDULE C-1

	COLLARS			BANK			ESTIMATED ORIGINAL PROJECTIONS		
	ESTIMATED ACTUAL APR-DEC 88	ESTIMATED ACTUAL APR-DEC 88	DIFFERENCE AMOUNT	ESTIMATED ACTUAL APR-DEC 88	ESTIMATED ACTUAL APR-DEC 88	DIFFERENCE AMOUNT	ESTIMATED ACTUAL APR-DEC 88	ESTIMATED ACTUAL APR-DEC 88	DIFFERENCE AMOUNT
1. Fuel Cost of System Net Generation (E2)	295,307,823	302,217,387	(13,909,564)	13,828,773	14,137,741	(310,968)	2,070,833	2,137,748	(66,915)
2. Spent Nuclear Fuel Deposition Cost	0	0	0	0	0	0	0	0	0
3. Coal Car Investment	0	0	0	0	0	0	0	0	0
4. Adjustments to Fuel Cost (P, Beach/Winch, Wharfing)	(32,839)	(30,000)	(2,839)	13,828,773	14,137,741	(310,968)	(0,000,000)	(0,000,000)	0
4a. Adjustments to Fuel Cost	0	0	0	13,828,773	14,137,741	(310,968)	0	0	0
5. TOTAL COST OF GENERATED POWER	266,329,569	302,181,867	(15,862,298)	13,828,773	14,137,741	(310,968)	2,070,833	2,137,748	(66,915)
6. Fuel Cost of Purchased Power - (Exclusive of Econ) (E7)	20,748,487	12,911,000	7,837,487	623,804	402,189	221,615	3,237,718	2,101,818	1,135,900
7. Energy Cost of Rich C.E. Economy Purchases (Bibank) (E8)	606,114	1,002,800	(396,686)	18,206	36,317	(17,262)	3,659,664	4,250,117	(590,453)
8. Energy Cost of Other C.E. Economy Purch (Non-Bibank) (E9)	0	0	0	0	0	0	0	0	0
9. Energy Cost of Rich, E Econ Purchases (E9)	0	0	0	0	0	0	0	0	0
10. Capacity Cost of Rich, E Economy Purchases	0	0	0	0	0	0	0	0	0
11. Energy Payments to Qualifying Facilities (E9)	6,135,495	7,571,600	(1,436,105)	303,392	303,379	13	1,741,110	2,143,320	(402,210)
12. TOTAL COST OF PURCHASED POWER	27,543,078	21,885,200	5,657,878	894,032	790,781	103,251	2,770,885	2,760,718	1,067
13. TOTAL AVAILABLE MW (LINE 6 + LINE 12)	10,530,530	14,348,800	(3,818,270)	723,047	978,169	(255,122)	1,656,611	1,471,440	1,850,171
14. Fuel Cost of Economy Sales (E9)	6,480,870	4,286,160	2,194,710	723,047	978,169	(255,122)	8,890,533	6,438,513	2,452,020
15. Sales on Economy Sales - 80% (E9)	828,829	799,300	29,529	47,254	47,254	0	1,754,978	1,874,656	(119,678)
16. Fuel Cost of Schedule D Sales - Jurisdiction (E9)	4,338,151	4,338,150	1	297,199	291,221	5,978	1,509,648	1,488,887	20,761
17a. Fuel Cost of Schedule D Sales - Segmented (E9)	8,113,896	2,878,100	5,235,796	122,578	122,578	0	2,642,572	2,347,997	2,944,575
17b. Fuel Cost of Schedule J Sales - Jurisdiction (E9)	1,484,768	822,500	662,268	62,571	37,302	25,269	2,342,007	2,204,488	1,375,519
17. Fuel Cost of Other D Sales (E9)	300,333	5,653,500	(5,353,167)	18,744	373,320	(354,576)	1,793,988	1,487,333	3,056,655
17c. Fuel Cost of Other Sales (E9)	2,809	0	2,809	75	0	75	3,879,877	0,000,000	3,879,877
17d. Transmission Cost for Various Sales (E9)	(188,058)	0	188,058	0	0	0	0	0	0
18. TOTAL FUEL COST AND GAINS ON POWER SALES (LINE 6 + LINE 14)	26,857,875	33,025,960	(6,168,085)	1,426,012	1,847,318	(421,307)	2,078,233	1,767,778	3,260,455
19. Net Investment Income	0	0	0	0	0	0	0	0	0
19a. Wharfing Rich/E. Loss Wharfing Del-V	0	4,826	(4,826)	0	0	0	0	0	0
19b. Interchange and Wharfing Losses	0	24,529	(24,529)	26,100	26,100	(3,571)	0	0	0
20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 6 + 12 + 19 + 19a + 19b + 19c)	264,014,870	291,151,107	(27,136,237)	13,364,579	13,953,104	(588,525)	311,475	2,200,511	(885,936)
21. Net Unfilled	3,290,573	1,981,961	1,308,612	98,821	98,821	0	0	0	0
22. Company Use	748,087	748,088	(1)	0	0	0	0	0	0
23. T & D Losses	16,484,532	14,273,167	2,211,365	778,690	639,908	138,782	0	0	0
24. System IRRM Sales	294,014,870	291,151,107	2,863,763	13,364,579	12,366,842	997,737	2,280,985	2,368,874	(87,889)
25. Wholesale IRRM Sales	(1,522,136)	(2,833,161)	(1,311,025)	(183,863)	(103,844)	(79,019)	2,289,14	2,381,180	(92,040)
26. Jurisdictional IRRM Sales	292,492,734	288,317,946	4,174,788	12,244,879	12,188,433	56,446	2,290,841	2,369,694	(68,853)
26a. Jurisdictional IRRM Sales	292,492,734	288,317,946	4,174,788	12,244,879	12,188,433	56,446	2,290,841	2,369,694	(68,853)
27. Jurisdictional IRRM Sales Adjusted for Line Losses	290,528,369	286,854,806	3,673,563	12,244,879	12,188,433	56,446	(0,000,000)	(0,000,000)	0
28. True-up **	(4,426,535)	(4,004,309)	(422,226)	0	0	0	(0,000,000)	(0,000,000)	0
29. Peabody Coal Contract Buy-out Amort. (Jurisd.)	3,722,968	3,740,121	(17,153)	0	0	0	0	0	0
29a. Fuel Credit Differential	(13,179)	(2,838,153)	2,824,974	0	0	0	0	0	0
30. Total Jurisdictional Fuel Cost (E9) (GPP)	279,811,871	285,452,465	(5,640,594)	12,244,879	12,188,433	56,446	(0,000,000)	(0,000,000)	0
31. Revenue Tax Factor	280,044,115	285,689,381	(5,645,266)	12,244,879	12,188,433	56,446	2,287,702	2,344,511	(56,809)
32. Fuel Factor (E9) (GPP) Adjusted for Taxes	(188,281)	(188,281)	0	0	0	0	(0,001,544)	(0,001,544)	0
33. GPP = (31/32) (13/31) - Net Adjusted for Taxes	279,855,834	285,143,816	(5,287,982)	12,244,879	12,188,433	56,446	2,286,158	2,343,000	(56,842)
34. Fuel Factor Adjusted for Taxes Including GPP									
35. Fuel Factor Rounded to Nearest .001 cents per kWh									

* Included For Informational Purposes Only
 ** Calculation Based on Jurisdictional IRRM Sales
 Note: Amounts included in Estimated/Actual columns represent five months actual and four months revised estimates.
 Amounts included in the Estimated/Original columns represent the sum of the projected period (Jan. 1988 (Apr.-Sept. 88) and in June 1988 (Oct.-Dec. 88).

**CALCULATION OF GENERATING PERFORMANCE
INCENTIVE FACTOR AND TRUE-UP FACTOR
TAMPA ELECTRIC COMPANY
FOR THE PERIOD: JANUARY 1999 THRU DECEMBER 1999**

1. TOTAL AMOUNT OF ADJUSTMENTS:		
A. GENERATING PERFORMANCE INCENTIVE REWARD (PENALTY) (JANUARY 1999 THRU DECEMBER 1999)		(\$188,281)
B. TRUE-UP OVER / (UNDER) RECOVERED (APRIL 1998 THRU DECEMBER 1998)		\$5,261,113
2. TOTAL SALES		
	(JANUARY 1999 THRU DECEMBER 1999)	15,990,103 MWH
3. ADJUSTMENT FACTORS:		
A. GENERATING PERFORMANCE INCENTIVE FACTOR	<input type="text" value="0.0012"/>	Cents/KWH
B. TRUE-UP FACTOR	<input type="text" value="0.0329"/>	Cents/KWH

FUEL ADJUSTMENT FACTOR FOR
 OPTIONAL TIME-OF-DAY RATES
 TAMPA ELECTRIC COMPANY
 PROJECTION FOR THE PERIOD
 JANUARY 1999 THRU DECEMBER 1999

1. COST RATIO:

$$\frac{3.121 \text{ ON-PEAK}}{1.713 \text{ OFF-PEAK}} = 1.8219$$

2. SALES/GENERATION:

30.33 % ON-PEAK 69.67 % OFF-PEAK

3. FORMULA:

X = ON-PEAK

Y = OFF-PEAK

$$0.3033 \cdot 1.8219 Y + 0.6967 Y = 2.2553 \quad \text{INCLUDES TAX @ 1.00083}$$

$$1.2493 Y = 2.2553$$

$$Y = 1.8052$$

$$X = 1.8219 Y$$

$$X = 1.8219 \cdot 1.8052$$

$$X = 3.2889$$

	<u>ON-PEAK</u>	<u>OFF-PEAK</u>
4. FUEL COST (cents/KWH)	3.2889	1.8052
5. FUEL FACTOR (cents/KWH NEAREST .000)	3.289	1.805

**FUEL RECOVERY FACTORS - BY RATE GROUP
(ADJUSTED FOR LINE/TRANSFORMATION LOSSES)
TAMPA ELECTRIC COMPANY
FOR THE PERIOD: JANUARY 1999 THRU DECEMBER 1999**

SCHEDULE E-1E

(1) GROUP	(2) RATE SCHEDULE		(3) AVERAGE FACTOR	(4) FUEL RECOVERY LOSS MULTIPLIER	(5) FUEL RECOVERY FACTOR
	A	RS,GS,TS		2.255	1.0071
A1*	SL-2, OL-1&3		2.255	N/A	2.042
B	GSD,GSLD,SBF		2.255	1.0016	2.259
C	IS-1&3,SBI-1&3		2.255	0.9681	2.183
D	N/A		N/A	N/A	N/A
A	RST,GST	ON-PEAK	3.289	1.0071	3.312
		OFF-PEAK	1.805	1.0071	1.818
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	3.289	1.0016	3.294
		OFF-PEAK	1.805	1.0016	1.808
C	IST-1&3,SBIT-1&3	ON-PEAK	3.289	0.9681	3.184
		OFF-PEAK	1.805	0.9681	1.747
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 CLAIMS CALCULATION
TAMPA ELECTRIC COMPANY
FOR THE PERIOD OF: JANUARY 1989 THRU DECEMBER 1989

LINE NUMBER	Jan-89	Feb-89	Mar-89	Apr-89	May-89	Jun-89	Jul-89	Aug-89	Sep-89	Oct-89	Nov-89	Dec-89	TOTAL PERIOD	LINE NUMBER
1	34,385,208	27,478,884	30,582,512	27,441,478	30,885,852	34,208,148	34,877,828	34,822,284	32,915,795	28,888,828	24,158,805	28,878,318	377,488,873	1
2a	0	0	0	0	0	0	0	0	0	0	0	0	0	2a
2	7,888,880	2,891,240	5,178,880	1,822,000	1,115,840	5,248,700	5,871,820	1,828,500	1,885,580	1,848,580	1,877,400	2,268,880	34,481,885	2
3	828,200	484,800	1,287,400	583,800	2,774,400	3,084,800	3,144,500	3,328,500	2,228,500	854,100	818,100	818,200	18,910,800	3
3a	0	0	0	0	0	0	0	0	0	0	0	0	0	3a
3b	881,100	884,800	792,400	732,000	473,500	847,500	788,700	797,800	758,100	742,200	762,400	824,800	8,323,200	3b
4	5,500	12,700	18,300	18,700	183,800	114,300	118,000	208,200	348,800	48,400	48,800	24,700	1,183,200	4
4a	(3,200)	(3,800)	(3,800)	(3,800)	(3,800)	(3,800)	(3,800)	(3,800)	(3,800)	(3,800)	(3,800)	(3,800)	(38,000)	4a
4b	0	0	0	0	0	0	0	0	0	0	0	0	0	4b
5	27,808,448	25,782,884	27,274,532	26,827,478	31,823,812	34,881,848	34,588,308	37,888,388	34,277,388	28,888,888	24,128,888	27,828,158	368,818,313	5
6	1,282,172	1,188,888	1,188,242	1,188,287	1,488,282	1,488,282	1,518,478	1,588,282	1,588,288	1,287,842	1,238,848	1,238,848	15,888,102	6
6a	8,888,887	8,888,887	8,888,887	8,888,887	8,888,887	8,888,887	8,888,887	8,888,887	8,888,887	8,888,887	8,888,887	8,888,887	8,888,887	6a
6b	27,881,182	25,483,282	27,288,884	26,488,812	31,128,822	34,844,321	34,812,711	38,144,801	35,882,808	28,883,488	25,240,002	27,282,182	368,887,724	6b
7	1,888,888	1,888,888	1,888,888	1,888,888	1,888,888	1,888,888	1,888,888	1,888,888	1,888,888	1,888,888	1,888,888	1,888,888	1,888,888	7
7a	27,788,888	25,588,882	27,887,281	26,887,788	31,142,888	34,887,471	34,888,428	38,188,878	35,883,782	28,883,828	25,241,282	27,318,311	361,133,128	7a
7b	488,337	488,888	488,378	488,744	348,712	388,882	388,881	388,881	388,888	388,888	388,888	378,487	4,788,888	7b
7c	488,888	488,388	488,182	488,388	348,388	388,488	388,378	378,778	378,388	378,878	377,888	378,288	4,838,888	7c
7d	0	0	0	0	0	0	0	0	0	0	0	0	0	7d
8	28,102,820	26,881,888	27,488,888	28,888,782	32,828,272	34,481,888	34,888,488	38,847,388	35,884,888	28,882,188	24,278,812	27,488,888	368,788,888	8
9	2,174	2,228	2,388	2,388	2,528	2,348	2,378	2,428	2,172	2,168	2,148	2,308	2,287	9
10	(8,828)	(8,828)	(8,828)	(8,828)	(8,828)	(8,828)	(8,828)	(8,828)	(8,828)	(8,828)	(8,828)	(8,828)	(8,828)	10
11	2,142	2,188	2,238	2,238	2,488	2,348	2,348	2,388	2,148	2,128	2,108	2,278	2,268	11
12	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	12
13	2,142	2,188	2,238	2,238	2,488	2,348	2,348	2,388	2,148	2,128	2,108	2,278	2,268	13
14	(8,812)	(8,812)	(8,812)	(8,812)	(8,812)	(8,812)	(8,812)	(8,812)	(8,812)	(8,812)	(8,812)	(8,812)	(8,812)	14
15	2,142	2,187	2,238	2,238	2,478	2,317	2,348	2,383	2,147	2,127	2,107	2,268	2,253	15
16	2,143	2,188	2,237	2,234	2,488	2,347	2,348	2,384	2,147	2,127	2,107	2,268	2,258	16

** INCLUDES SECONDARY SALES (PPL+Q)
** BASED ON ADDITIONAL SALES ONLY

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 1988 THRU JUNE 1989

	Jan-89	Feb-89	Mar-89	Apr-89	May-89	Jun-89
FUEL COST OF SYSTEM NET GENERATION (\$)						
1 HEAVY OIL	307,481	324,108	1,241,771	230,448	850,171	2,502,100
2 LIGHT OIL	605,525	529,842	306,575	521,450	899,333	1,080,819
3 COAL	33,382,223	26,625,746	28,954,188	26,889,581	29,146,448	32,683,187
4 NATURAL GAS	0	0	0	0	0	0
5 NUCLEAR	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0
7 TOTAL (\$)	34,385,209	27,479,694	30,562,512	27,441,479	30,995,952	36,266,146
SYSTEM NET GENERATION (MWH)						
8 HEAVY OIL	10,322	8,323	31,743	5,757	24,535	64,339
9 LIGHT OIL	17,515	15,410	7,227	15,155	21,900	24,490
10 COAL	1,807,060	1,257,847	1,371,210	1,288,773	1,419,101	1,587,971
11 NATURAL GAS	0	0	0	0	0	0
12 NUCLEAR	0	0	0	0	0	0
13 OTHER	0	0	0	0	0	0
14 TOTAL (MWH)	1,834,897	1,281,580	1,410,180	1,310,685	1,485,536	1,686,800
UNITS OF FUEL BURNED						
15 HEAVY OIL (BBL)	23,748	18,127	75,397	13,332	56,590	152,567
16 LIGHT OIL (BBL)	27,122	23,371	17,550	22,881	39,720	47,941
17 COAL (TON)	750,638	590,639	652,857	587,052	657,779	740,708
18 NATURAL GAS (MCF)	0	0	0	0	0	0
19 NUCLEAR (MMBTU)	0	0	0	0	0	0
20 OTHER	0	0	0	0	0	0
BTUS BURNED (MMBTU)						
21 HEAVY OIL	150,101	120,904	478,575	84,272	357,695	964,378
22 LIGHT OIL	157,556	135,552	101,877	132,477	230,188	278,332
23 COAL	16,870,809	13,113,475	14,309,871	13,313,121	14,602,517	16,627,643
24 NATURAL GAS	0	0	0	0	0	0
25 NUCLEAR	0	0	0	0	0	0
26 OTHER	0	0	0	0	0	0
27 TOTAL (MMBTU)	18,978,466	13,369,931	14,888,423	13,529,870	15,190,380	17,870,351
GENERATION MIX (% MWH)						
28 HEAVY OIL	0.63	0.65	2.25	0.44	1.67	3.81
29 LIGHT OIL	1.07	1.20	0.51	1.16	1.49	1.45
30 COAL	98.30	98.15	97.24	98.40	96.84	94.74
31 NATURAL GAS	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
33 OTHER	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
FUEL COST PER UNIT						
35 HEAVY OIL (\$/BBL)	16.74	16.94	16.47	17.29	16.79	16.40
36 LIGHT OIL (\$/BBL)	22.33	22.87	22.80	22.79	22.84	22.54
37 COAL (\$/TON)	44.47	45.08	44.35	44.70	44.31	44.12
38 NATURAL GAS (\$/MCF)	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
40 OTHER	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)						
41 HEAVY OIL	2.85	2.88	2.81	2.73	2.86	2.59
42 LIGHT OIL	3.84	3.91	3.89	3.94	3.91	3.88
43 COAL	2.00	2.03	2.02	2.00	2.00	1.97
44 NATURAL GAS	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
46 OTHER	0.00	0.00	0.00	0.00	0.00	0.00
47 TOTAL (\$/MMBTU)	2.03	2.06	2.05	2.03	2.04	2.03
BTU BURNED PER KWH (BTU/KWH)						
48 HEAVY OIL	14,542	14,526	15,014	14,838	14,579	14,989
49 LIGHT OIL	8,985	8,798	14,111	8,741	10,510	11,365
50 COAL	10,373	10,425	10,436	10,322	10,290	10,405
51 NATURAL GAS	0	0	0	0	0	0
52 NUCLEAR	0	0	0	0	0	0
53 OTHER	0	0	0	0	0	0
54 TOTAL (BTU/KWH)	10,385	10,432	10,558	10,323	10,385	10,594
GENERATED FUEL COST PER KWH (cents/KWH)						
55 HEAVY OIL	3.85	3.89	3.91	4.00	3.87	3.89
56 LIGHT OIL	3.48	3.44	5.49	3.44	4.11	4.41
57 COAL	2.08	2.12	2.11	2.07	2.05	2.05
58 NATURAL GAS	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
60 OTHER	0.00	0.00	0.00	0.00	0.00	0.00
61 TOTAL (cents/KWH)	2.10	2.14	2.17	2.09	2.11	2.15

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: JULY 1999 THRU DECEMBER 1999

	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL	2,488,580	1,328,788	811,177	325,842	313,747	243,808	11,166,119
2 LIGHT OIL	1,108,817	991,228	727,771	570,309	392,716	584,451	8,406,834
3 COAL	34,471,843	32,304,242	31,371,817	28,972,878	25,450,232	27,782,057	357,834,020
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 (\$)	38,077,020	34,622,256	32,910,765	29,868,929	26,156,695	28,810,316	377,406,973
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL	63,377	33,704	20,712	8,035	7,839	6,149	284,835
9 LIGHT OIL	25,317	23,375	19,129	16,325	10,569	16,812	213,224
10 COAL	1,697,054	1,597,039	1,554,840	1,417,227	1,257,373	1,384,968	17,451,263
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)	1,785,748	1,654,118	1,594,481	1,441,587	1,275,781	1,407,929	17,949,322
UNITS OF FUEL BURNED							
15 HEAVY OIL (BBL)	152,159	79,822	48,033	18,713	18,186	13,409	670,881
16 LIGHT OIL (BBL)	49,197	44,144	32,410	25,150	17,190	25,207	371,883
17 COAL (TON)	790,477	737,505	717,550	653,554	578,967	647,263	8,114,990
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
BTUS BURNED (MMBTU)							
21 HEAVY OIL	961,796	503,294	303,812	118,288	114,954	84,757	4,240,626
22 LIGHT OIL	285,251	256,108	188,136	146,086	99,471	145,950	2,157,082
23 COAL	17,723,304	16,643,851	16,143,533	14,664,372	12,991,003	14,442,214	181,245,513
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)	18,970,353	17,403,051	16,635,281	14,928,746	13,205,428	14,672,921	187,643,201
GENERATION MIX (% MWH)							
28 HEAVY OIL	3.55	2.04	1.30	0.56	0.61	0.44	1.59
29 LIGHT OIL	1.42	1.41	1.20	1.13	0.83	1.19	1.19
30 COAL	95.03	96.55	97.50	98.31	98.56	98.37	97.22
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
FUEL COST PER UNIT							
35 HEAVY OIL (\$/BBL)	16.42	16.86	16.89	17.42	17.25	18.18	16.64
36 LIGHT OIL (\$/BBL)	22.50	22.45	22.46	22.68	22.85	23.19	22.81
37 COAL (\$/TON)	43.61	43.80	43.72	44.33	43.96	42.92	44.10
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
FUEL COST PER MMBTU (\$/MMBTU)							
41 HEAVY OIL	2.80	2.84	2.87	2.76	2.73	2.88	2.83
42 LIGHT OIL	3.88	3.87	3.87	3.90	3.95	4.00	3.90
43 COAL	1.94	1.94	1.94	1.98	1.98	1.92	1.97
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)	2.01	1.99	1.98	2.00	1.98	1.95	2.01
BTU BURNED PER KWH (BTU/KWH)							
48 HEAVY OIL	15,178	14,933	14,859	14,722	14,864	13,784	14,858
49 LIGHT OIL	11,267	10,956	9,835	8,948	9,412	8,681	10,118
50 COAL	10,444	10,422	10,384	10,347	10,332	10,428	10,388
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)	10,823	10,521	10,433	10,356	10,351	10,422	10,454
GENERATED FUEL COST PER KWH (cents/KWH)							
55 HEAVY OIL	3.94	3.94	3.92	4.08	4.00	3.97	3.92
56 LIGHT OIL	4.37	4.24	3.80	3.49	3.72	3.48	3.94
57 COAL	2.03	2.02	2.02	2.04	2.02	2.01	2.05
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	0.03	0.00	0.00
61 TOTAL (cents/KWH)	2.13	2.09	2.08	2.07	2.05	2.03	2.10

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAPA. BELTY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (MMBTU)	FUEL HEAT VALUE (BTU/MMBTU)	FUEL BURNED (MM BTU)	FUEL COST PER MWH (\$)	FUEL COST PER KWH (CENTS)	FUEL COST PER UNIT (\$)
1 H.P.#1	34	1,252	4.9	7.0	90.5	16,330	HVY OIL	3,234	6,321,602	20,445.0	50,224	4.01	15.53
2 H.P.#2	34	1,277	5.0	6.1	90.8	16,275	HVY OIL	3,236	6,320,644	20,735.0	4.00	15.53	15.53
3 H.P.#3	34	1,299	5.1	6.0	90.0	16,060	HVY OIL	3,300	6,321,818	20,852.0	51,269	3.95	15.53
4 H.P.#4	43	1,679	5.2	6.0	97.8	15,691	HVY OIL	4,168	6,320,777	26,246.0	64,729	3.95	15.53
5 H.P.#5	67	2,590	5.2	79.8	90.2	15,698	HVY OIL	6,403	6,320,631	40,471.0	90,429	3.85	15.53
6 H.P. STATION	212	8,067	5.1	74.3	91.8	15,960	HVY OIL	20,393	6,321,091	128,908.0	316,704	3.82	15.53
7 GAALF#1	99	46,005	61.2	64.3	66.0	11,772	COAL	26,013	18,802,965	530,376.0	1,189,889	2.64	42.48
8 GAALF#2	83	38,715	57.4	78.9	65.4	12,209	COAL	25,611	18,803,076	464,665.0	1,067,861	2.74	42.48
9 GAALF#3	159	73,861	64.1	64.0	66.4	11,627	COAL	45,369	18,803,523	808,995.0	1,927,108	2.61	42.48
10 GAALF#4	179	78,802	59.2	61.3	65.8	11,623	COAL	48,428	18,803,379	917,067.0	2,057,498	2.61	42.48
11 GAALF#5	232	103,882	60.2	78.1	62.9	10,831	COAL	43,823	23,777,332	1,041,964.0	1,861,440	1.79	42.48
12 GAALF#6	382	177,882	61.0	82.6	63.3	10,263	COAL	78,350	23,961,673	1,831,016.0	3,243,987	1.82	42.48
13 GANNON STA.	1,150	519,327	60.7	81.5	64.6	10,897	COAL	267,604	21,166,967	5,664,365.0	11,366,833	2.19	42.48
14 B.B.#1	401	212,410	66.2	62.9	77.1	10,154	COAL	94,418	22,643,664	2,156,655.0	3,993,802	1.88	42.30
15 B.B.#2	401	213,672	66.7	60.5	75.0	10,241	COAL	96,418	22,955,366	2,190,308.0	4,026,101	1.89	42.30
16 B.B.#3	438	240,502	73.8	62.0	63.4	9,953	COAL	100,376	23,648,559	2,380,623.0	4,245,820	1.77	42.30
17 B.B. 1-3	1,300	666,764	68.9	63.5	78.5	10,110	COAL	290,212	23,227,671	6,741,026.0	12,276,725	1.84	42.30
18 B.B.#4	447	261,321	64.6	60.2	62.0	9,868	COAL	128,322	21,696,361	2,794,508.0	6,895,763	2.45	53.74
19 B.B. STA.	1,747	646,105	72.9	65.2	62.1	10,047	COAL	418,534	22,759,307	9,525,544.0	18,171,509	2.02	45.81
20 PHILLIPS #1 (HVV OIL)	17	1,123	8.9	60.0	97.1	9,464	HVV OIL	1,695	6,320,475	10,660.0	40,583	3.61	24.08
21 PHILLIPS #2 (HVV OIL)	17	1,112	8.8	60.0	97.6	9,463	HVV OIL	1,698	6,321,942	10,545.0	40,174	3.61	24.09
22 SEP-PHILLIPS TOTAL	34	2,235	8.8	60.0	97.4	9,463	HVV OIL	3,393	6,321,205	21,165.0	80,757	3.61	24.08
23 POLK COAL	250	139,628	75.1	-	-	10,608	COAL	64,500	22,859,690	1,460,900.0	2,843,864	2.04	44.09
24 POLK OIL	250	15,514	6.3	-	-	8,129	LOT OIL	21,700	5,811,362	126,107.0	466,574	3.14	22.42
25 POLK TOTAL	250	155,142	63.4	67.9	64.5	10,359	-	-	-	1,607,007.0	3,308,459	2.15	-
26 GAALF#1	17	154	1.2	77.8	100.7	16,156	LOT OIL	482	5,800,830	2,796.0	10,574	6.87	21.94
27 B.B.C.T.#1	17	156	1.2	64.8	102.0	16,173	LOT OIL	489	5,797,546	2,825.0	10,728	6.86	21.94
28 B.B.C.T.#2	80	801	1.5	66.1	91.8	15,064	LOT OIL	2,208	5,800,262	13,271.0	50,198	5.70	21.94
29 B.B.C.T.#3	80	810	1.4	66.1	92.0	15,460	LOT OIL	2,163	5,800,749	12,547.0	47,403	5.86	21.94
30 C.T. TOTAL	164	2001	1.4	69.5	93.2	15,717	LOT OIL	5,422	5,800,256	31,449.0	118,951	5.94	21.94
31 TOT COAL (9M,BB,POLK)	3,147	1,807,990	68.6	77.1	-	10,373	COAL	759,638	22,208,603	16,670,809.0	33,202,223	2.06	44.47
32 SYSTEM	3,597	1,634,897	61.3	76.5	91.8	10,365	-	-	-	16,978,496.0	34,395,209	2.10	-

LEGEND: HP = HOOGERS POINT BB = BIG BEND HVV=HEAVY NATURAL GAS
SEP=SEBRING OIL = GANNON C.T. = COMBUSTION TURBINE LOT=LIGHT

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
EST MATED FOR THE PERIOD MONTH OF: FEBRUARY 1989

(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 (%)	EGRR, AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	Avg. NET HEAT RATE (BTU/KWH)	FUEL TYPE	BURIED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURIED (MM BTU)	AS BURIED FUEL COST (\$)	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (CENTS)
1 H.P.#1	34	1,112	4.9	83.2	96.2	16,320	HVY OIL	2,671	6,321,142	16,148.0	44,805	4.03	15.61
2 H.P.#2	34	1,151	5.0	83.3	96.7	16,265	HVY OIL	2,962	6,320,362	18,721.0	48,225	4.02	15.61
3 H.P.#3	34	1,193	5.2	83.9	97.5	16,061	HVY OIL	3,031	6,321,678	19,161.0	47,302	3.98	15.61
4 H.P.#4	43	1,575	5.5	83.2	96.4	15,663	HVY OIL	3,808	6,320,368	24,700.0	60,968	3.87	15.61
5 H.P.#5	67	1,441	3.2	79.6	82.7	15,895	HVY OIL	3,579	6,320,850	22,616.0	55,838	3.87	15.61
6 H.P. STATION	212	6,472	4.5	74.0	83.2	15,968	HVY OIL	16,350	6,320,856	103,348.0	258,158	3.94	15.61
7 GANNON #1	89	31,825	47.8	84.2	72.6	12,748	COAL	20,251	16,933,139	383,415.0	881,763	2.77	43.54
8 GANNON #2	85	27,763	44.5	78.9	70.6	12,532	COAL	18,390	16,933,690	348,190.0	800,732	2.68	43.54
9 GANNON #3	155	59,267	58.9	84.1	78.2	11,718	COAL	36,680	16,933,070	694,465.0	1,597,110	2.69	43.54
10 GANNON #4	179	56,589	47.0	81.4	68.6	11,848	COAL	35,456	16,933,119	670,348.0	1,541,638	2.72	43.54
11 GANNON #5	232	104,117	66.8	78.1	80.8	10,098	COAL	43,927	23,787,420	1,044,910.0	1,912,667	1.84	43.54
12 GANNON #6	382	138,846	53.1	82.6	80.3	10,281	COAL	59,927	23,991,089	1,437,714.0	2,609,324	1.87	43.54
13 GANNON STA.	1,150	419,427	54.3	81.5	77.2	10,917	COAL	214,581	21,326,448	4,579,040.0	8,343,224	2.23	43.54
14 B.B.#1	431	165,137	57.0	82.9	66.4	10,240	COAL	74,024	22,843,666	1,690,881.0	3,098,071	1.88	41.85
15 B.B.#2	431	164,555	56.8	85.3	63.8	10,368	COAL	74,322	22,955,367	1,706,091.0	3,110,548	1.89	41.85
16 B.B.#3	438	135,110	45.9	55.7	76.4	9,968	COAL	56,573	23,648,691	1,348,192.0	2,387,708	1.75	41.85
17 B.B. 1-3	1,300	464,802	53.2	74.5	68.0	10,211	COAL	204,919	23,181,059	4,746,264.0	8,578,329	1.85	41.85
18 B.B.#4	447	247,068	82.3	90.2	89.4	9,801	COAL	112,738	21,699,421	2,448,371.0	6,138,632	2.48	54.45
19 B.B. STA.	1,747	711,890	60.6	78.5	74.2	10,104	COAL	317,658	22,642,701	7,192,635.0	14,714,961	2.87	46.32
20 PHILLIPS #1 (HVY OIL)	17	802	8.2	80.1	97.9	8,488	HVY OIL	1,288	6,324,034	8,841.0	34,710	3.72	24.83
21 PHILLIPS #2 (HVY OIL)	17	819	8.0	80.1	98.3	9,485	HVY OIL	1,379	6,321,247	8,717.0	34,236	3.73	24.83
22 SEB-PHILLIPS TOTAL	34	1,651	8.1	80.1	98.1	9,486	HVY OIL	2,777	6,322,650	17,558.0	68,946	3.72	24.83
23 POLK COAL	250	128,530	75.3	-	-	10,665	COAL	58,400	22,978,027	1,341,800.0	2,567,561	2.03	43.87
24 POLK OIL	250	14,059	8.4	-	-	8,127	LOT OIL	19,700	5,800,061	114,281.0	448,073	3.19	22.74
25 POLK TOTAL	250	140,589	63.7	87.9	94.8	10,357	-	-	-	1,456,081.0	3,015,634	2.14	-
26 GAN.C.T.#1	17	85	0.8	78.0	83.1	18,284	LOT OIL	300	5,700,000	1,737.0	6,862	7.03	22.27
27 B.B.C.T.#1	17	89	0.9	85.0	97.1	18,152	LOT OIL	310	5,786,774	1,797.0	6,905	6.97	22.27
28 B.B.C.T.#2	80	623	1.2	88.0	86.5	15,138	LOT OIL	1,826	5,803,123	8,431.0	36,216	5.81	22.27
29 B.B.C.T.#3	80	534	1.0	88.0	85.4	15,592	LOT OIL	1,435	5,802,081	8,326.0	31,964	5.96	22.27
30 C.T. TOTAL	194	1351	1.0	88.4	91.0	15,759	LOT OIL	3,671	5,798,782	21,291.0	81,769	6.05	22.27
31 TOT COAL (OH,BB,POLK)	3,147	1,257,847	59.5	73.4	-	10,425	COAL	590,039	22,202,183	13,113,475.0	26,625,746	2.12	45.08
32 SYSTEM	3,587	1,281,590	53.2	73.3	84.7	10,432	-	-	-	13,369,931.0	27,479,694	2.14	-

LEGEND: HP = HOOPER'S POINT B.B. = BIG BEND
SEB-PHILLIPS 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: MARCH 1999

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQRY. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVAIL. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURIED (MM BTU)	FUEL HEAT VALUE (BTU/MMBTU)	FUEL BURIED (MM BTU)	AS BURIED FUEL COST (\$)	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/MMBTU)
1 H.P.#1	34	4,483	11.6	83.0	86.0	16,496	HVY OIL	11,647	6,321,199	73,623.0	163,420	4.11	15.75
2 H.P.#2	34	4,540	17.9	83.0	87.5	16,433	HVY OIL	11,803	6,320,795	74,604.0	165,877	4.09	15.75
3 H.P.#3	34	4,622	18.3	78.1	87.8	16,140	HVY OIL	11,802	6,320,793	74,596.0	165,861	4.02	15.75
4 H.P.#4	43	1,959	18.6	83.0	86.9	15,813	HVY OIL	14,908	6,320,852	84,232.0	234,775	3.94	15.75
5 H.P.#5	67	7,064	14.2	79.6	80.8	15,713	HVY OIL	17,835	6,320,839	111,468.0	277,726	3.91	15.75
6 H.P. STATION	212	26,678	16.9	86.4	82.4	16,063	HVY OIL	67,795	6,320,894	428,525.0	1,067,663	4.00	15.75
7 GAN.#1	89	48,854	67.7	84.3	83.3	11,701	COAL	30,629	18,833,439	563,698.0	1,288,162	2.81	42.14
8 GAN.#2	93	43,713	83.2	78.9	83.9	12,256	COAL	28,301	18,833,086	536,226.0	1,182,636	2.73	42.14
9 GAN.#3	155	80,790	70.1	84.0	82.8	49,453	COAL	49,453	18,833,391	938,313.0	2,083,895	2.58	42.14
10 GAN.#4	179	87,629	65.8	81.3	91.3	11,594	COAL	53,660	18,833,264	1,015,960.0	2,281,281	2.58	42.14
11 GAN.#5	232	128,123	74.8	78.1	90.1	10,009	COAL	54,150	23,868,205	1,292,305.0	2,281,930	1.77	42.14
12 GAN.#6	362	220,159	75.5	82.8	86.0	10,385	COAL	95,018	24,062,232	2,286,297.0	4,004,061	1.82	42.14
13 GANNON STA.	1,150	611,268	71.4	81.5	88.3	10,860	COAL	311,409	21,305,968	6,650,447.0	13,123,059	2.15	42.14
14 S.B.#1	431	225,268	70.3	82.9	81.8	10,163	COAL	100,215	22,843,176	2,289,298.0	4,195,849	1.86	41.87
15 S.B.#2	431	227,798	71.0	85.5	79.8	10,190	COAL	101,124	22,855,391	2,327,341.0	4,254,008	1.86	41.87
16 S.B.#3	438	0	0.0	0.0	0.0	0	COAL	0	0	0	0	0.00	0.00
17 S.B. 1-3	1,300	653,066	46.8	55.8	80.8	10,177	COAL	201,339	22,898,838	4,610,030.0	8,429,957	1.86	41.87
18 S.B.#4	447	203,175	86.2	90.2	95.9	9,904	COAL	133,809	21,699,310	2,903,963.0	7,111,255	2.43	53.14
19 S.B. STA.	1,747	748,241	57.4	64.6	86.1	10,069	COAL	335,148	22,420,522	7,514,193.0	15,541,212	2.08	46.37
20 PHILLIPS #1 (HVY OIL)	17	2,539	20.1	80.0	98.3	9,487	HVY OIL	3,811	6,320,368	24,087.0	87,288	3.44	22.90
21 PHILLIPS #2 (HVY OIL)	17	2,526	20.0	80.0	97.8	9,487	HVY OIL	3,791	6,321,023	23,983.0	86,630	3.44	22.90
22 SEB-PHILLIPS TOTAL	34	5,065	20.0	80.0	98.0	9,487	HVY OIL	7,602	6,320,705	48,074.0	174,118	3.44	22.90
23 POLK COAL	250	13,701	7.4	0	0	10,800	COAL	6,300	23,052,540	145,231.0	289,895	2.12	46.02
24 POLK OIL	250	1,522	0.8	0	0	8,125	LOT OIL	2,100	5,888,048	12,367.0	47,870	3.15	22.80
25 POLK TOTAL	250	15,223	8.2	8.6	95.1	10,303		0	0	157,598.0	337,765	2.22	0
26 GAN.C.T.#1	17	438	3.5	77.8	99.1	18,215	LOT OIL	1,378	5,787,965	7,878.0	31,058	7.09	22.57
27 S.B.C.T.#1	17	448	3.5	64.9	87.2	18,206	LOT OIL	1,400	5,800,000	8,120.0	31,598	7.08	22.57
28 S.B.C.T.#2	80	2,508	4.2	88.1	82.2	15,040	LOT OIL	6,503	5,800,554	37,721.0	146,772	5.85	22.57
29 S.B.C.T.#3	80	2,313	3.9	88.1	83.3	15,474	LOT OIL	6,171	5,798,870	35,791.0	139,279	6.02	22.57
30 C.T. TOTAL	194	5705	4.0	69.5	93.5	15,707	LOT OIL	15,400	5,800,000	89,810.0	348,705	6.11	22.57
31 TOT COAL (GAN,SEB,POLK)	3,147	1,371,210	58.6	85.7	86.6	10,558	COAL	652,857	21,918,644	14,309,871.0	28,954,196	2.11	44.35
32 SYSTEM	3,587	1,410,180	52.6	67.2	86.6	10,558		0	0	14,888,423.0	30,582,512	2.17	0

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

SYSTEM NET GENERATION AND FUEL COST
 - AMPA ELECTRIC COMPANY
 ESTIMATED FOR THE PERIOD MONTH OF: APRIL 1999

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT UNIT	NET CAPABILITY (MW)	NET GENERATION (MWHRS)	NET CAPACITY FACTOR (%)	EQUN. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURIED (MWHRS)	FUEL HEAT VALUE (BTU/MWH)	FUEL BURIED (MM BTU)	AS BURIED FUEL COST (\$)	FUEL COST PER KWH (cents/kWh)	COST OF FUEL (\$/MWH)
1 H.P.#1	32	570	2.5	93.0	99.0	18,553	HV OIL	1,493	6,319,491	9,426.0	23,578	4.14	15.79
2 H.P.#2	32	648	2.8	93.0	101.3	18,381	HV OIL	1,679	6,322,216	26,515.0	28,515	4.09	15.79
3 H.P.#3	32	726	3.2	93.0	99.9	18,146	HV OIL	1,877	6,322,323	11,867.0	28,842	4.03	15.79
4 H.P.#4	67	1,068	3.6	93.0	98.5	15,920	HV OIL	2,890	6,320,818	42,481.0	17,003.0	3.98	15.79
5 H.P.#5	67	1,441	3.0	79.8	78.8	18,009	HV OIL	3,650	6,320,274	23,089.0	57,541	4.00	15.79
6 H.P. STATION	204	4,462	3.0	88.7	90.4	16,134	HV OIL	11,389	6,320,824	71,989.0	179,857	4.03	15.79
7 GAN.#1	88	26,339	37.0	84.3	93.8	11,701	COAL	16,298	18,932,828	308,331.0	706,350	2.87	43.28
8 GAN.#2	83	21,228	31.7	78.9	92.6	12,279	COAL	18,533,319	18,933,319	260,605.0	595,888	2.81	43.28
9 GAN.#3	145	47,981	45.7	84.0	95.0	11,813	COAL	26,233	18,933,158	553,473.0	1,265,310	2.85	43.28
10 GAN.#4	169	49,309	42.5	81.4	95.3	11,810	COAL	30,238	18,932,664	572,658.0	1,308,723	2.85	43.28
11 GAN.#5	227	66,509	62.9	78.0	85.0	10,111	COAL	42,308	23,753,081	1,058,133.0	1,833,627	1.84	43.28
12 GAN.#6	362	48,842	18.0	24.7	81.8	10,325	COAL	20,211	23,928,752	483,024.0	874,805	1.87	43.28
13 GANNON STA.	1,065	290,918	38.9	62.3	90.5	10,948	COAL	152,101	20,939,205	3,164,874.0	6,583,481	2.28	43.28
14 S.B.#1	421	191,434	63.2	83.0	73.8	10,222	COAL	85,983	22,843,658	1,968,882.0	3,826,491	1.88	43.09
15 S.B.#2	421	187,307	61.8	85.4	69.4	10,291	COAL	83,970	22,855,254	1,927,056.0	3,834,234	1.89	43.09
16 S.B.#3	428	215,566	70.0	78.4	84.8	9,983	COAL	90,233	23,848,448	2,151,917.0	3,797,839	1.78	42.08
17 S.B. 1-3	1,270	594,307	65.0	81.6	75.8	10,157	COAL	259,896	23,228,722	6,036,305.0	10,837,564	1.84	42.09
18 S.B.#4	442	277,809	87.2	90.3	94.9	9,867	COAL	128,485	21,899,300	2,744,638.0	6,803,704	2.38	52.21
19 S.B. STA.	1,712	871,916	70.7	83.8	81.0	10,071	COAL	396,261	22,728,014	8,790,891.0	17,541,268	2.01	48.00
20 PHILLIPS #1 (HVY OIL)	17	658	5.4	80.1	96.5	9,485	HVY OIL	864	6,323,171	6,222.0	26,821	3.91	26.04
21 PHILLIPS #2 (HVY OIL)	17	639	5.2	42.8	96.4	9,485	HVY OIL	959	6,320,125	6,081.0	34,870	3.91	26.04
22 SEB-PHILLIPS TOTAL	34	1,295	5.3	81.4	96.4	9,485	HVY OIL	1,843	6,321,668	12,283.0	50,591	3.91	26.04
23 POLK COAL	250	128,939	70.5	-	-	10,813	COAL	58,800	22,860,717	1,347,250.0	2,964,832	2.02	43.77
24 POLK OIL	250	14,104	7.8	-	-	8,128	LOT OIL	19,800	5,788,434	114,811.0	461,912	3.20	22.82
25 POLK TOTAL	250	141,043	78.4	82.1	95.3	10,365	-	-	-	1,462,061.0	3,016,744	2.14	-
26 GAN.C.T.#1	12	89	0.8	77.9	95.8	20,538	LOT OIL	344	5,807,377	1,417.0	5,507	7.68	22.57
27 B.B.C.T.#1	12	72	0.6	85.0	100.0	20,583	LOT OIL	256	5,789,083	1,482.0	5,778	8.03	22.57
28 B.B.C.T.#2	57	504	1.2	88.1	88.4	16,224	LOT OIL	1,410	5,799,291	8,177.0	31,824	6.31	22.57
29 B.B.C.T.#3	57	408	1.0	88.1	89.0	16,724	LOT OIL	1,171	5,798,483	6,790.0	26,429	6.51	22.57
30 C.T. TOTAL	138	1,051	1.1	89.5	89.8	18,989	LOT OIL	3,081	5,798,787	17,868.0	69,538	6.82	22.57
31 TOT COAL (GAN,BB,POLK)	3,067	1,289,773	58.6	89.3	-	10,322	COAL	597,052	22,298,083	13,313,121.0	26,689,581	2.07	44.70
32 SYSTEM	3,433	1,310,665	53.0	70.4	93.2	10,323	-	-	-	13,528,870.0	27,441,479	2.09	-

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

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD MONTH OF: MAY 1989

(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 (%)	EQVY. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURIED (MMBTU)	FUEL HEAT VALUE (BTU/MMBTU)	FUEL BURIED (MM BTU)	AS BURIED FUEL COST (\$)	FUEL COST P.P.R. KWH (cents/kWh)	COST OF FUEL (\$/MMBTU)
1 H.P.#1	32	3,349	14.1	82.0	96.0	15,952	HVY OIL	8,452	6,320,524	53,422.0	133,851	4.00	15.84
2 H.P.#2	32	2,679	11.3	83.0	95.1	13,308	HVY OIL	8,755	6,320,798	42,897.0	108,876	3.99	15.84
3 H.P.#3	41	4,045	17.0	83.0	95.8	15,748	HVY OIL	10,078	6,320,699	63,700.0	159,802	3.95	15.24
4 H.P.#4	42	4,720	15.5	83.0	94.4	15,895	HVY OIL	11,869	6,321,173	75,026.0	187,895	3.96	15.34
5 H.P.#5	67	4,625	9.3	79.6	78.4	16,089	HVY OIL	11,758	6,320,718	74,319.0	186,207	4.03	15.84
6 H.P. STATION	204	19,418	12.8	86.6	90.6	15,922	HVY OIL	48,912	6,320,821	308,164.0	774,691	3.96	15.84
7 GAN.#1	99	28,681	36.9	64.3	94.9	12,328	COAL	16,662	18,933,233	303,332.0	821,805	2.87	44.04
8 GAN.#2	83	26,839	38.5	78.9	91.8	12,600	COAL	17,447	18,933,398	330,331.0	798,301	2.96	44.04
9 GAN.#3	145	96,292	52.2	64.0	92.2	11,624	COAL	34,559	18,933,187	654,312.0	1,521,849	2.70	44.04
10 GAN.#4	169	77,487	61.6	81.3	95.5	10,430	COAL	42,665	18,933,138	608,181.0	1,679,688	2.43	44.04
11 GAN.#5	227	113,019	66.9	70.6	89.5	10,144	COAL	48,313	23,790,299	1,146,460.0	2,127,524	1.86	44.04
12 GAN.#6	362	16,363	6.1	8.0	94.3	10,378	CO-L	7,026	24,213,350	170,123.0	308,369	1.89	44.04
13 GANNON STA.	1,095	318,481	39.1	55.3	92.3	10,872	COAL	168,662	20,528,990	3,462,798.0	7,428,569	2.33	44.04
14 B.B.#1	421	207,212	66.2	82.9	77.0	10,233	COAL	92,824	22,843,666	2,120,462.0	3,884,478	1.82	41.85
15 B.B.#2	421	213,051	68.0	85.5	76.4	10,208	COAL	84,740	22,955,468	2,174,801.0	3,964,658	1.86	41.85
16 B.B.#3	428	242,222	76.1	82.0	65.0	9,846	COAL	101,915	23,848,527	2,409,059.0	4,227,253	1.75	41.85
17 B.B. 1-3	1,270	692,485	70.1	83.5	79.9	10,120	COAL	268,579	23,232,189	6,743,322.0	12,076,369	1.82	41.85
18 B.B.#4	442	294,336	89.5	90.2	87.4	9,894	COAL	134,208	21,699,347	2,812,226.0	8,770,337	2.30	56.45
19 B.B. STA.	1,712	958,821	75.1	85.2	84.5	10,051	COAL	422,787	22,745,809	8,616,548.0	18,646,728	1.97	44.38
20 PHILLIPS #1 (HVY OIL)	17	2,580	20.4	80.0	87.3	9,464	HVY OIL	3,671	6,321,198	24,489.0	68,517	3.43	22.87
21 PHILLIPS #2 (HVY OIL)	17	2,537	20.1	25.8	87.5	9,464	HVY OIL	3,907	6,320,462	24,062.0	67,063	3.43	22.87
22 SEB-PHILLIPS TOTAL	34	5,117	20.2	52.9	87.4	9,464	HVY OIL	7,678	6,320,787	48,551.0	175,570	3.43	22.87
23 POLK COAL	290	143,789	77.3	.	.	10,594	COAL	68,300	22,874,811	1,523,220.0	2,871,158	2.00	43.31
24 POLK OIL	250	15,977	8.6	.	.	8,119	LGT OIL	22,400	5,790,670	128,711.0	598,838	3.18	22.77
25 POLK TOTAL	250	159,766	85.9	87.9	87.3	10,346	.	.	.	1,652,941.0	3,381,004	2.12	.
26 GAN.C.T.#1	12	409	4.8	77.8	87.4	20,543	LGT OIL	1,449	5,798,482	8,402.0	32,577	7.97	22.48
27 B.B.C.T.#1	12	424	4.7	64.9	96.1	20,528	LGT OIL	1,501	5,798,801	8,704.0	33,748	7.96	22.48
28 B.B.C.T.#2	57	2,762	6.5	69.1	91.4	16,143	LGT OIL	7,697	5,800,182	44,586.0	172,822	6.28	22.48
29 B.B.C.T.#3	57	2,328	5.5	69.1	90.8	16,852	LGT OIL	6,683	5,800,539	38,795.0	150,250	6.45	22.48
30 C.T. TOTAL	136	5923	5.8	68.5	92.0	16,960	LGT OIL	17,320	5,800,058	100,457.0	389,395	6.57	22.48
31 TOT COAL (GAN,BB,POLK)	3,057	1,419,101	62.4	67.5	.	10,290	COAL	697,779	22,199,731	14,602,917.0	28,146,448	2.05	44.31
32 SYSTEM	3,433	1,465,336	57.4	68.7	97.1	10,365	.	.	.	15,190,360.0	30,995,962	2.11	.

LEGEND: HP = HOOKERS POINT BB = BIG BEND HVYHEAVY = NATURAL GAS
SEB=SEBRING GAN = GANNON C.T. = COMBUSTION TURBINE LGT=LIGHT

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD MONTH OF: JUNE 1989

(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 (MMBTU)	FUEL HEAT VALUE (BTU/MMBTU)	FUEL BURNED (MM BTU)	ALL BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/kWh)	COST OF FUEL (\$/MMBTU)
1 H.P.#1	32	8,459	41.1	83.1	98.5	15,898	HVY OIL	23,790	6,320,875	150,378.0	377,264	3.98	15.88
2 H.P.#2	32	8,355	40.8	83.1	98.4	16,020	HVY OIL	23,684	6,321,061	148,708.0	375,862	4.02	15.86
3 H.P.#3	32	8,577	41.6	83.1	98.4	15,873	HVY OIL	24,049	6,320,867	152,011.0	381,472	3.98	15.86
4 H.P.#4	41	11,864	39.5	83.1	97.8	16,121	HVY OIL	28,748	6,321,030	188,008.0	471,671	4.05	15.86
5 H.P.#5	67	14,367	29.8	79.6	82.2	16,021	HVY OIL	36,414	6,321,030	230,174.0	577,609	4.02	15.86
6 H.P. STATION	204	54,422	37.1	88.7	93.4	15,962	HVY OIL	137,665	6,321,001	870,307.0	2,183,898	4.01	15.86
7 GANNON	89	44,809	62.9	84.3	87.1	12,502	COAL	28,568	18,833,081	580,182.0	1,267,129	2.87	43.50
8 GANNON	93	33,537	50.1	65.7	84.2	12,574	COAL	22,773	18,833,148	421,686.0	2,89	2.89	43.50
9 GANNON	145	20,142	19.9	25.1	87.3	11,621	COAL	12,731	18,833,868	241,008.0	568,914	2.87	43.50
10 GANNON	169	78,463	62.8	81.4	86.5	11,874	COAL	47,147	18,833,336	862,600.0	2,050,877	2.86	43.50
11 GANNON	227	93,082	57.0	87.8	86.5	10,265	COAL	45,446	23,624,487	865,518.0	1,758,671	1.89	43.50
12 GANNON	362	214,356	82.2	82.6	93.5	10,458	COAL	91,915	24,383,713	2,341,228.0	3,896,462	1.87	43.50
13 GANNON STA.	1,085	482,891	81.3	70.5	83.6	10,969	COAL	244,100	21,762,868	5,312,321.0	10,618,774	2.20	43.50
14 P.O.L.K.#1	421	224,305	74.0	83.1	86.2	10,221	COAL	100,389	23,843,793	2,393,484.0	4,205,726	1.87	41.89
15 P.O.L.K.#2	421	229,874	75.9	85.4	85.2	10,180	COAL	101,967	23,805,318	2,341,144.0	4,272,258	1.86	41.89
16 P.O.L.K.#3	428	238,907	77.5	81.8	87.6	9,867	COAL	100,048	23,848,833	2,396,008.0	4,191,033	1.75	41.89
17 P.O.L.K. 1-3	1,270	693,266	75.8	83.4	86.4	10,127	COAL	302,434	23,213,812	7,020,646.0	12,680,027	1.83	41.89
18 P.O.L.K.#4	442	262,543	86.8	90.1	86.6	8,962	COAL	129,875	21,889,373	2,820,376.0	6,021,264	2.34	50.94
19 P.O.L.K.#5	1,712	875,809	79.2	85.1	89.1	10,065	COAL	432,409	22,768,587	8,841,022.0	19,290,291	1.96	44.61
20 PHILLIPS #1 (HVY OIL)	17	4,988	40.8	80.0	86.7	8,488	HVY OIL	7,462	6,321,258	47,108.0	159,306	3.21	21.38
21 PHILLIPS #2 (HVY OIL)	17	4,951	40.4	80.0	86.7	8,488	HVY OIL	7,400	6,320,727	46,983.0	158,836	3.21	21.38
22 SEB-PHILLIPS TOTAL	34	9,917	40.5	80.0	86.7	8,488	HVY OIL	14,862	6,320,992	94,098.0	318,142	3.21	21.38
23 POLK COAL	250	138,171	77.3	-	-	10,580	COAL	64,200	22,864,174	1,474,300.0	2,774,122	1.89	43.21
24 POLK OIL	250	15,483	8.6	-	-	8,119	LOT OIL	21,800	5,812,269	125,945.0	480,645	3.17	22.72
25 POLK TOTAL	250	154,654	85.9	87.8	87.4	10,348	-	-	-	1,599,845.0	3,264,767	2.11	-
26 GAN.C.T.#1	12	652	7.5	77.9	88.8	20,491	LOT OIL	2,303	5,801,129	13,380.0	51,589	7.81	22.41
27 B.B.C.T.#1	12	670	7.5	65.0	88.0	20,491	LOT OIL	2,387	5,800,189	13,729.0	53,033	7.82	22.41
28 B.B.C.T.#2	57	4,105	10.0	89.2	92.3	16,079	LOT OIL	11,379	5,800,422	66,003.0	254,848	6.21	22.41
29 B.B.C.T.#3	57	3,800	8.8	89.2	91.5	16,582	LOT OIL	10,292	5,800,136	58,995.0	230,594	6.21	22.41
30 C.T. TOTAL	138	8027	8.1	89.6	82.8	16,828	LOT OIL	26,341	5,800,349	152,787.0	580,174	6.54	22.41
31 TOT COAL (GANNON,POLK)	3,037	1,597,971	72.6	72.9	-	10,405	COAL	740,709	22,448,290	18,627,643.0	32,683,187	2.05	44.12
32 SYSTEM	3,433	1,686,800	68.2	73.8	99.8	10,584	-	-	-	17,870,351.0	36,298,146	2.15	-

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

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD MONTH OF: JULY 1989

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQVM. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUELED BURIED (MWH)	FUEL HEAT VALUE (BTU/KWH)	FUELED BURIED (MM BTU)	AS BURIED FUEL COST (\$)	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/MMBTU)
1 H.P.#1	32	8,384	38.5	93.0	98.5	16,105	HVY OIL	23,835	8,320,911	151,291.0	380,082	4.05	15.88
2 H.P.#2	32	9,297	39.0	93.0	98.5	16,086	HVY OIL	23,874	8,321,027	148,844.0	375,918	4.04	15.88
3 H.P.#3	32	8,980	37.7	93.0	98.5	16,449	HVY OIL	23,389	8,320,981	147,715.0	371,075	4.13	15.88
4 H.P.#4	41	11,821	38.1	93.0	98.1	16,315	HVY OIL	29,984	8,321,054	189,594.0	478,273	4.10	15.88
5 H.P.#5	67	14,302	28.7	78.6	82.4	18,134	HVY OIL	34,508	8,320,504	200,792.0	578,676	4.05	15.88
6 H.P. STATION	204	53,584	35.3	88.6	93.5	18,214	HVY OIL	137,478	8,320,982	868,996.0	2,183,004	4.07	15.88
7 GAN.#1	99	48,718	66.1	84.3	97.4	11,838	COAL	30,480	18,833,552	578,716.0	1,304,482	2.68	42.83
8 GAN.#2	83	0	0.0	0.0	0	0	COAL	0	0	0	0	0.00	0.00
9 GAN.#3	146	73,384	68.0	84.0	95.9	11,872	COAL	45,238	18,833,332	658,525.0	1,837,423	2.64	42.83
10 GAN.#4	169	81,885	65.1	81.3	95.8	11,743	COAL	50,788	18,833,030	861,810.0	2,175,109	2.86	42.83
11 GAN.#5	227	115,310	68.3	78.1	89.9	10,372	COAL	50,902	23,838,240	1,198,041.0	2,187,191	1.86	42.83
12 GAN.#6	362	222,584	82.6	82.6	94.0	10,505	COAL	95,793	24,408,621	2,338,175.0	4,102,468	1.84	42.83
13 GANNON STA.	1,095	541,881	68.5	74.8	93.9	10,942	COAL	272,893	21,727,506	5,829,087.0	11,698,583	2.16	42.83
14 S.B.#1	421	233,054	74.4	82.9	88.6	10,298	COAL	105,058	22,843,848	2,389,829.0	4,382,451	1.88	41.71
15 S.B.#2	421	240,008	78.6	85.5	88.1	10,213	COAL	108,783	22,935,480	2,451,255.0	4,454,408	1.86	41.71
16 S.B.#3	428	247,982	77	82.0	87.7	10,092	COAL	104,548	23,848,491	2,489,312.0	4,381,178	1.77	41.71
17 S.B. 1-3	1,270	728,124	78.2	83.5	88.8	10,189	COAL	316,388	23,213,500	7,344,488.0	13,198,035	1.83	41.71
18 S.B.#4	442	281,130	68.5	80.2	86.3	10,048	COAL	134,805	21,889,261	2,825,181.0	6,728,832	2.31	48.90
19 S.B. STA.	1,712	1,011,254	79.4	85.2	89.4	10,155	COAL	451,194	22,791,112	10,289,877.0	19,834,887	1.97	44.16
20 PHILLIPS #1 (HVY OIL)	17	4,888	38.7	80.0	88.0	9,488	HVY OIL	7,351	8,320,837	48,483.0	158,004	3.23	21.49
21 PHILLIPS #2 (HVY OIL)	17	4,885	38.6	86.0	88.1	9,486	HVY OIL	7,330	8,321,828	48,338.0	157,552	3.23	21.49
22 SEB-PHILLIPS TOTAL	34	9,783	38.7	80.0	88.0	9,486	HVY OIL	14,681	8,321,232	92,822.0	315,556	3.23	21.49
23 POLK COAL	250	143,918	77.4	-	-	10,953	COAL	66,400	22,880,241	1,524,580.0	2,880,383	1.99	43.08
24 POLK OIL	250	15,091	8.6	-	-	8,119	LOT OIL	22,480	5,795,714	128,834.0	507,947	3.18	22.88
25 POLK TOTAL	250	158,910	86.0	87.9	87.4	10,246	-	-	-	1,654,384.0	3,388,330	2.11	-
26 GAN.C.T.#1	12	487	4.6	42.8	88.8	20,426	LOT OIL	1,434	5,799,861	8,317.0	32,048	7.87	22.35
27 S.B.C.T.#1	12	413	4.6	35.6	88.3	20,426	LOT OIL	1,454	5,801,828	8,438.0	32,485	7.87	22.35
28 S.B.C.T.#2	57	4,502	10.8	68.9	82.9	18,087	LOT OIL	12,471	5,800,178	72,334.0	278,708	6.19	22.35
29 S.B.C.T.#3	57	4,004	9.4	69.1	82.4	18,588	LOT OIL	11,438	5,799,965	66,340.0	255,821	6.38	22.35
30 C.T. TOTAL	138	9328	8.1	63.0	83.2	16,666	LOT OIL	26,787	5,800,164	155,427.0	598,870	6.42	22.35
31 TOT COAL (S.B.#3,POLK)	3,057	1,887,054	74.9	74.5	-	10,444	COAL	790,477	22,421,024	17,723,304.0	34,471,843	2.03	43.81
32 SYSTEM	3,433	1,785,748	89.9	74.9	100.0	10,823	-	-	-	18,970,353.0	38,077,028	2.13	-

LEGEND: HP = HOOPER POINT H.V. = HVY OIL NAT=NATURAL
SEB=SEBRING GAN = GANNON C.T. = COMBUSTION TURBINE LOT=LIGHT

SYSTEM NET GENERATION AND FUEL COST:
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD MONTH OF: AUGUST 1989

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQRY. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURIED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURIED (MM BTU)	FUEL COST (\$)	FUEL COST PER KWH (COST/1000KWH)	COST OF FUEL (\$/UNIT)
1 H.P.#1	32	5,476	73.0	83.0	96.7	16,142	HVY OIL	13,984	6,320,867	88,361.0	222,241	4.06	15.89
2 H.P.#2	32	5,108	21.5	83.0	96.2	16,108	HVY OIL	13,017	6,320,811	82,278.0	208,873	4.05	15.89
3 H.P.#3	32	3,895	16.4	83.0	95.8	16,460	HVY OIL	10,161	6,321,130	64,229.0	161,484	4.15	15.89
4 H.P.#4	41	5,419	17.8	85.0	95.1	16,349	HVY OIL	14,016	6,321,133	86,597.0	222,749	4.11	15.89
5 H.P.#5	67	7,209	14.5	79.6	79.7	16,262	HVY OIL	18,548	6,321,040	117,230.0	294,742	4.09	15.89
6 H.P. STATION	204	27,107	17.9	88.6	91.0	16,259	HVY OIL	69,724	6,320,964	440,725.0	1,103,089	4.08	15.89
7 GAN.#1	99	37,198	50.5	84.3	95.6	11,868	COAL	23,316	18,933,522	441,454.0	1,025,236	2.70	43.11
8 GAN.#2	93	10,295	14.6	26.0	84.2	12,843	COAL	6,606	18,933,439	131,701.0	299,899	2.82	43.11
9 GAN.#3	145	61,951	57.4	84.0	94.5	11,891	COAL	36,253	18,933,495	724,263.0	1,646,227	2.66	43.11
10 GAN.#4	169	42,303	33.6	52.4	94.8	11,764	COAL	26,284	18,933,810	497,651.0	1,133,199	2.88	43.11
11 GAN.#5	227	107,562	63.7	78.1	89.3	10,375	COAL	47,187	23,653,061	1,116,117.0	2,034,404	1.89	43.11
12 GAN.#6	362	222,062	82.5	82.6	93.8	10,469	COAL	95,229	24,487,346	2,331,832.0	4,105,541	1.85	43.11
13 GANNON STA.	1,095	481,381	59.1	72.7	93.1	10,862	COAL	237,222	22,101,736	5,243,018.0	10,227,508	2.12	43.11
14 B.B.#1	421	215,435	68.8	82.9	80.1	10,310	COAL	97,233	22,843,818	2,221,173.0	4,065,336	1.89	41.81
15 B.B.#2	428	222,260	71.0	85.5	79.7	10,257	COAL	98,338	22,955,442	2,279,659.0	4,152,062	1.87	41.81
16 B.B.#3	428	245,396	77.1	82.0	87.1	10,082	COAL	103,844	23,848,677	2,476,542.0	4,341,744	1.77	41.81
17 B.B. 1-3	1,270	663,091	72.3	83.5	82.4	10,214	COAL	300,395	23,228,104	6,977,374.0	12,559,172	1.84	41.81
18 B.B.#4	442	268,463	87.7	90.2	95.4	10,042	COAL	133,468	21,699,419	2,696,829.0	6,663,034	2.31	49.91
19 B.B. STA.	1,712	971,354	76.3	85.2	85.9	10,163	COAL	433,863	22,757,755	9,874,203.0	19,222,206	1.98	44.30
20 PHILLIPS #1 (HVY OIL)	17	3,322	26.3	80.0	97.7	9,484	HVY OIL	4,964	6,321,629	31,507.0	110,123	3.31	22.10
21 PHILLIPS #2 (HVY OIL)	17	3,275	25.9	80.0	97.8	9,485	HVY OIL	4,914	6,321,123	31,062.0	108,576	3.32	22.10
22 SEB-PHILLIPS TOTAL	34	6,597	26.1	80.0	97.7	9,484	HVY OIL	9,898	6,321,378	62,569.0	218,699	3.32	22.10
23 POLK COAL	250	144,104	77.5	-	-	10,593	COAL	66,400	22,968,404	1,326,430.0	2,854,528	1.98	42.99
24 POLK OIL	250	16,012	8.6	-	-	8,118	LOT OIL	22,400	5,802,857	129,984.0	506,791	3.16	22.82
25 POLK TOTAL	250	160,116	86.1	87.9	97.5	10,345	-	-	-	1,656,414.0	3,361,229	2.10	-
26 GAN.C.T.#1	12	659	7.4	77.8	98.1	20,524	LOT OIL	2,332	5,799,743	13,525.0	51,864	7.89	22.28
27 B.B.C.T.#1	12	680	7.6	64.9	97.7	20,518	LOT OIL	2,425	5,801,247	13,952.0	53,591	7.88	22.28
28 B.B.C.T.#2	57	2,340	5.5	40.1	95.5	16,001	LOT OIL	6,455	5,800,620	37,443.0	143,838	6.15	22.28
29 B.B.C.T.#3	57	3,664	8.7	69.1	91.0	16,613	LOT OIL	10,552	5,800,008	61,202.0	235,132	6.38	22.28
30 C.T. TOTAL	138	7363	7.2	57.5	93.6	17,129	LOT OIL	21,744	5,800,313	126,122.0	484,525	6.58	22.28
31 TOT COAL (IN,BB,POLK)	3,057	1,597,039	70.2	73.6	-	10,422	COAL	737,505	22,567,509	16,643,651.0	32,304,242	2.02	43.80
32 SYSTEM	3,433	1,654,118	64.8	74.0	97.7	10,521	-	-	-	17,403,051.0	34,622,256	2.09	-

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

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD MONTH OF: SEPTEMBER 1989

(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	3,157	13.7	83.1	95.8	15,843	HVY OIL	7,983	6,320,608	50,331.0	126,635	4.01	15.90
2 H.P.#2	32	2,891	12.5	83.1	95.1	16,012	HVY OIL	7,323	6,320,608	46,290.0	116,457	4.03	15.90
3 H.P.#3	32	3,437	14.9	83.1	95.8	15,818	HVY OIL	8,655	6,320,608	54,710.0	137,639	4.00	15.90
4 H.P.#4	41	2,862	9.8	83.1	93.7	18,159	HVY OIL	7,369	6,320,608	46,371.0	117,172	4.07	15.90
5 H.P.#5	67	3,983	8.2	79.8	77.8	16,186	HVY OIL	10,148	6,320,608	64,144.0	161,362	4.07	15.90
6 H.P. STATION	204	16,330	11.1	68.7	90.3	16,047	HVY OIL	41,457	6,320,608	262,048.0	659,285	4.04	15.90
7 GAN.#1	99	36,300	50.9	84.3	95.5	11,800	COAL	22,624	18,933,478	428,351.0	873,646	2.88	43.04
8 GAN.#2	93	27,858	41.3	78.8	91.8	12,811	COAL	16,421	18,933,478	348,763.0	762,786	2.87	43.04
9 GAN.#3	146	59,371	56.9	84.0	93.7	11,848	COAL	36,521	18,933,478	891,463.0	1,571,718	2.85	43.04
10 GAN.#4	189	40,680	33.4	54.2	84.0	11,890	COAL	25,117	18,933,478	475,553.0	1,080,835	2.86	43.04
11 GAN.#5	277	103,407	63.3	78.1	88.8	10,287	COAL	44,865	23,652,660	1,081,851.0	1,801,871	1.87	43.04
12 GAN.#6	362	214,182	82.2	82.8	93.5	10,452	COAL	81,812	24,038,253	2,238,954.0	3,942,814	1.84	43.04
13 GARRISON STA.	1,095	491,598	61.1	77.3	92.5	10,890	COAL	236,180	21,028,729	5,244,035.0	10,263,350	2.14	43.04
14 S.B.#1	421	208,153	68.0	83.1	79.2	10,231	COAL	92,330	22,843,659	2,108,155.0	3,851,314	1.87	41.71
15 S.B.#2	421	208,378	68.7	85.4	77.2	10,226	COAL	92,828	23,955,400	2,130,858.0	3,872,004	1.86	41.71
16 S.B.#3	428	238,335	77.3	81.8	87.4	9,968	COAL	99,819	23,948,596	2,380,543.0	4,193,899	1.75	41.71
17 S.B. 1-3	1,270	652,864	71.4	83.4	81.3	10,141	COAL	284,975	23,232,059	6,820,856.0	11,887,817	1.82	41.71
18 S.B.#4	442	281,143	68.3	90.1	96.1	9,879	COAL	129,295	21,699,230	2,805,802.0	6,437,829	2.29	48.79
19 S.B. STA.	1,712	934,007	75.8	85.1	85.3	10,082	COAL	414,270	22,753,858	8,428,158.0	18,324,948	1.98	44.23
20 PHILLIPS #1 (HVY OIL)	17	2,211	18.1	80.0	97.1	9,488	HVY OIL	3,318	6,320,608	20,873.0	78,639	3.47	23.10
21 PHILLIPS #2 (HVY OIL)	17	2,171	17.7	80.0	97.5	9,485	HVY OIL	3,258	6,320,608	20,593.0	75,253	3.47	23.10
22 SEB-PHILLIPS TOTAL	34	4,382	17.9	80.0	97.3	9,486	HVY OIL	6,576	6,320,608	41,586.0	151,892	3.47	23.10
23 POLK COAL	250	138,037	77.2	.	.	10,584	COAL	64,100	22,878,783	1,472,940.0	2,783,521	1.88	43.86
24 POLK OIL	250	15,449	8.8	.	.	8,119	LOT OIL	21,000	5,800,998	125,429.0	487,389	3.15	22.36
25 POLK TOTAL	250	154,486	85.8	87.8	97.3	10,348	.	.	.	1,598,369.0	3,240,910	2.10	.
26 GAN.C.T.#1	12	319	3.7	77.9	98.5	20,552	LOT OIL	1,130	5,801,770	6,558.0	25,128	7.88	22.24
27 B.B.C.T.#1	12	331	3.8	85.0	96.5	20,544	LOT OIL	1,172	5,802,046	6,800.0	26,082	7.87	22.24
28 B.B.C.T.#2	57	2,013	4.9	69.2	90.8	18,162	LOT OIL	5,809	5,800,321	32,534.0	124,727	8.20	22.24
29 B.B.C.T.#3	57	1,017	2.5	39.2	93.9	18,536	LOT OIL	2,899	5,800,998	16,817.0	64,465	8.34	22.24
30 C.T. TOTAL	138	3680	3.7	57.2	92.8	17,040	LOT OIL	10,810	5,800,933	62,707.0	240,382	8.53	22.24
31 TOT COAL (GAN,BS,POLK)	3,007	1,554,840	70.8	75.4	.	10,364	COAL	717,550	22,488,130	16,143,833.0	31,371,817	2.02	43.72
32 SYSTEM	3,433	1,594,481	64.5	75.5	97.1	10,433	.	.	.	16,635,281.0	32,910,795	2.08	.

LEGEND: HP = HOOPER'S POINT B.B. = BIG BEND HVYHEAVY NATURAL GAS = GANNON C.T. = COMBUSTION TURBINE LOT=LIGHT

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD MONTH OF: OCTOBER 1989

(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 (%)	AVERAGE HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNEED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNEED (MM BTU)	AS BURNEED FUEL COST (\$)	FUEL COST PER MWH (cents/kwh)	COST OF FUEL (COST/UNIT)
1 H.P.#1	34	800	3.2	83.0	84.1	16,758	HVY OIL	2,121	6,321,075	13,407.0	33,778	4.22	15.82
2 H.P.#2	34	904	3.6	93.0	95.0	16,518	HVY OIL	2,362	6,321,791	14,832.0	37,614	4.16	15.82
3 H.P.#3	34	1,020	4.0	93.0	93.8	16,306	HVY OIL	2,639	6,321,713	16,653.0	42,025	4.12	15.82
4 H.P.#4	43	1,475	4.6	93.0	92.7	16,134	HVY OIL	3,765	6,320,850	23,798.0	58,665	4.08	15.82
5 H.P.#5	67	1,979	4.0	79.6	75.7	16,101	HVY OIL	5,041	6,320,968	31,864.0	80,275	4.06	15.82
6 H.P. STATION	212	6,178	3.9	88.6	87.1	16,297	HVY OIL	15,928	6,321,195	100,684.0	253,845	4.11	15.82
7 GAN.#1	99	10,189	13.8	27.2	97.2	11,722	COAL	6,315	18,831,908	119,565.0	273,470	2.88	43.30
8 GAN.#2	93	28,762	28.7	78.9	90.5	12,397	COAL	17,524	18,832,778	331,778.0	758,875	2.64	43.30
9 GAN.#3	155	58,125	50.4	84.0	90.8	11,665	COAL	36,779	18,833,453	677,420.0	1,549,405	2.87	43.30
10 GAN.#4	179	60,309	45.3	81.3	90.3	11,671	COAL	37,178	18,833,079	703,864.0	1,603,889	2.87	43.30
11 GAN.#5	252	113,898	65.9	73.0	84.9	10,177	COAL	48,503	23,858,039	1,157,068.0	2,100,417	1.95	43.30
12 GAN.#6	362	167,152	57.3	82.8	82.9	10,411	COAL	71,929	24,185,210	1,738,618.0	3,114,877	1.98	43.30
13 GANNON STA.	1,150	438,195	51.0	75.6	86.1	10,842	COAL	217,228	21,771,378	4,729,353.0	8,407,033	2.16	43.30
14 B.B.#1	431	112,878	35.2	45.6	74.8	10,279	COAL	50,789	22,843,568	1,160,202.0	2,130,648	1.89	42.05
15 B.B.#2	431	207,074	64.6	85.4	72.6	10,259	COAL	82,640	22,955,273	2,124,281.0	3,891,250	1.88	42.05
16 B.B.#3	438	238,473	73.5	81.9	83.1	9,951	COAL	99,925	23,648,578	2,383,088.0	4,291,785	1.75	42.05
17 B.B. 1-3	1,300	598,423	57.8	71.0	77.2	10,131	COAL	243,254	23,298,908	5,987,562.0	10,728,681	1.83	42.05
18 B.B.#4	447	288,343	66.7	80.2	84.3	9,902	COAL	131,572	21,899,427	2,695,017.0	6,868,808	2.32	50.84
19 B.B.#5	1,747	847,768	85.2	75.9	82.3	10,063	COAL	374,828	22,737,454	8,522,588.0	18,917,587	2.00	45.13
20 PHILLIPS #1 (HVY OIL)	17	841	7.4	63.9	95.4	8,479	HVY OIL	1,411	6,321,758	8,920.0	36,629	3.89	25.96
21 PHILLIPS #2 (HVY OIL)	17	916	7.2	80.0	96.2	8,480	HVY OIL	1,374	6,320,233	8,984.0	35,868	3.89	25.96
22 SEB-PHILLIPS TOTAL	34	1,857	7.3	62.0	95.8	8,480	HVY OIL	2,785	6,321,005	17,904.0	72,297	3.89	25.96
23 POLK COAL	250	133,268	71.6	-	-	10,589	COAL	61,500	22,988,341	1,412,030.0	2,848,058	1.99	43.08
24 POLK OIL	250	14,807	8.0	-	-	8,123	LOT OIL	20,790	5,810,425	120,278.0	470,687	3.18	22.74
25 POLK TOTAL	250	148,075	79.6	82.3	96.2	10,351	-	-	-	1,532,308.0	3,118,745	2.11	-
26 GAN.C.T.#1	17	103	0.8	77.8	67.3	20,524	LOT OIL	365	5,791,781	2,114.0	8,171	7.93	22.39
27 B.B.C.T.#1	17	107	0.8	65.0	60.9	20,638	LOT OIL	381	5,795,278	2,208.0	8,529	7.97	22.39
28 B.B.C.T.#2	80	733	1.2	88.1	81.1	18,209	LOT OIL	2,048	5,810,270	11,881.0	45,849	6.25	22.39
29 B.B.C.T.#3	80	575	1.0	86.7	85.3	18,708	LOT OIL	1,658	5,801,329	8,607.0	37,073	6.45	22.39
30 C.T. TOTAL	194	1518	1.1	68.5	63.8	17,003	LOT OIL	4,450	5,800,000	25,810.0	99,822	6.56	22.39
31 TOT COAL (GAN,BB,POLK)	3,147	1,417,227	80.5	69.8	-	10,347	COAL	663,564	22,437,869	14,964,372.0	28,972,878	2.04	44.33
32 SYSTEM	3,597	1,441,587	54.0	70.8	83.1	10,358	-	-	-	14,928,748.0	29,868,929	2.07	-

LEGEND: H.P. = HOOKERS POINT B.B. = BIG BEND
SEB=SEBRAND 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: NOVEMBER 1989

(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 (%)	SEGRV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVERAGE HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURIED (UNITS)	FUEL HEAT VALUE (BTU/LB)	FUEL BURIED (MM BTU)	AS BURIED FUEL COST (\$)	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
1 H.P.#1	34	830	3.4	83.1	83.8	16,520	HVY OIL	2,169	6,321,807	13,712.0	34,807	4.17	15.96
2 H.P.#2	34	822	3.8	83.1	83.5	16,438	HVY OIL	2,308	6,320,864	15,157.0	38,280	4.15	15.95
3 H.P.#3	34	1,025	4.2	84.2	84.2	16,180	HVY OIL	2,624	6,320,122	18,584.0	41,888	4.08	15.96
4 H.P.#4	43	1,458	4.7	80.7	84.2	15,853	HVY OIL	3,658	6,321,307	23,113.0	58,332	4.00	15.96
5 H.P.#5	67	1,914	4.0	73.9	77.2	15,863	HVY OIL	4,803	6,321,489	30,382.0	78,833	4.00	15.96
6 H.P. STATION	212	6,148	4.0	88.7	88.0	16,068	HVY OIL	15,850	6,321,278	98,828.0	249,888	4.08	15.96
7 GAN.#1	99	28,589	37.3	84.3	83.9	11,865	COAL	18,388	18,833,810	310,284.0	708,188	2.68	43.21
8 GAN.#2	99	21,733	32.5	78.8	80.8	12,193	COAL	13,898	18,833,824	264,985.0	604,821	2.78	43.21
9 GAN.#3	105	48,518	43.5	84.0	88.9	11,387	COAL	29,893	18,833,419	582,195.0	1,383,149	2.84	43.21
10 GAN.#4	179	48,981	38.8	81.4	88.4	11,561	COAL	30,572	18,833,043	578,821.0	1,321,134	2.84	43.21
11 GAN.#5	232	73,426	44.0	88.9	88.4	10,004	COAL	30,711	23,821,331	734,848.0	1,327,140	1.81	43.21
12 GAN.#6	382	203,388	72.1	82.6	82.8	10,374	COAL	87,872	24,088,441	2,108,953.0	3,788,644	1.88	43.21
13 GAUSSON STA.	1,100	423,854	91.2	75.2	86.2	10,788	COAL	288,032	21,818,104	4,580,891.0	8,033,077	2.13	43.21
14 B.B.#1	431	185,418	58.7	83.1	89.8	10,248	COAL	83,191	22,843,857	1,889,714.0	3,484,317	1.88	41.90
15 B.B.#2	431	100,424	32.4	45.8	68.1	10,301	COAL	45,063	22,865,129	1,034,427.0	1,888,070	1.88	41.90
16 B.B.#3	438	223,951	71.0	81.8	80.3	9,862	COAL	83,551	23,848,575	2,231,058.0	3,919,642	1.75	41.90
17 B.B. 1-3	1,300	508,791	54.5	70.2	73.6	10,132	COAL	221,775	23,280,285	5,165,203.0	8,282,028	1.82	41.90
18 B.B.#4	447	242,588	75.4	78.2	84.8	9,888	COAL	110,880	21,889,232	2,401,237.0	5,471,327	2.28	48.44
19 B.B. STA.	1,747	752,388	88.8	72.3	79.3	10,057	COAL	332,435	22,780,880	7,586,440.0	14,783,358	1.98	44.41
20 PHILLIPS #1 (HVY OIL)	17	805	7.0	80.0	96.7	8,483	HVY OIL	1,283	8,318,584	8,108.0	32,403	3.78	25.28
21 PHILLIPS #2 (HVY OIL)	17	835	6.8	80.0	96.3	8,483	HVY OIL	1,253	8,318,234	7,918.0	31,848	3.78	25.28
22 SEP-PHILLIPS TOTAL	34	1,680	6.9	80.0	96.5	8,483	HVY OIL	2,538	8,318,401	16,028.0	64,048	3.78	25.28
23 POLK COAL	250	81,300	48.2	.	.	10,819	COAL	37,500	23,031,253	803,872.0	1,853,789	2.03	44.10
24 POLK OIL	250	9,037	5.0	.	.	8,128	LOT OIL	12,700	5,781,989	73,431.0	281,237	3.22	22.93
25 POLK TOTAL	250	90,367	50.2	52.8	95.1	10,370	.	.	.	837,103.0	1,845,026	2.15	.
26 GARC.T.#1	17	104	0.8	77.9	88.0	20,825	LOT OIL	370	5,787,287	2,145.0	8,382	8.04	22.80
27 S.B.C.T.#1	17	108	0.9	65.0	70.8	20,830	LOT OIL	384	5,802,083	2,228.0	8,879	8.04	22.80
28 S.B.C.T.#2	80	722	1.3	89.2	84.5	18,187	LOT OIL	2,015	5,800,000	11,887.0	45,541	6.31	22.80
29 S.B.C.T.#3	80	598	1.0	89.2	82.3	18,089	LOT OIL	1,721	5,788,964	8,980.0	38,887	6.50	22.80
30 C.T. TOTAL	184	1,532	1.1	88.8	84.2	16,987	LOT OIL	4,480	5,788,555	28,040.0	101,479	6.62	22.80
31 TOT COAL (9M,8B,POLK)	3,147	1,287,373	55.5	87.6	.	10,332	COAL	578,967	22,438,244	12,991,003.0	25,450,232	2.02	43.96
32 SYSTEM	3,587	1,275,781	49.4	87.9	87.9	10,351	.	.	.	13,205,428.0	28,158,695	2.05	.

LEGEND: H.P. = HOOKERS POINT #1 - BIG BEND
GAN = GANNON C.T. = COMBUSTION TURBINE
SEP-SEBRINO
HY-HEAVY NATURAL
LOT-LIGHT

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC CO. COMPANY
ESTIMATED FOR THE PERIOD MONTH OF: DECEMBER 1989

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT UNIT	NET CAPABILITY (MW)	NET GENERATION (MWHRS)	NET CAPACITY FACTOR (%)	EFFIC. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	Avg. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURIED (UNITS)	FUEL HEAT VALUE (BTU/LBMT)	FUEL BURIED (MM BTU)	ALL BURIED FUEL COST (\$)	FUEL COST PER KWH (MILLS/KWH)	COST OF FUEL (\$/UNIT)
1 H.P.#1	34	537	2.1	93.0	92.9	16,348	HVY OIL	1,389	8,320,374	8,779.0	22,193	4.13	15.98
2 H.P.#2	34	600	2.4	93.0	92.9	16,277	HVY OIL	1,545	8,321,008	8,786.0	24,085	4.11	15.98
3 H.P.#3	34	672	2.7	93.0	94.1	16,098	HVY OIL	1,711	8,322,818	10,818.0	27,338	4.07	15.98
4 H.P.#4	43	867	3.0	42.1	93.7	15,718	HVY OIL	2,404	8,322,379	38,410	3,877	3.97	15.98
5 H.P.#5	67	1,295	2.8	79.6	77.3	15,828	HVY OIL	3,343	8,320,382	20,697.0	51,815	4.00	15.98
6 H.P. STATION	212	4,071	2.6	78.4	87.6	15,981	HVY OIL	10,392	8,321,318	68,059.0	164,441	6.04	15.98
7 GANNON	99	38,200	51.9	84.3	77.1	11,957	COAL	24,156	18,933,515	457,308.0	1,923,598	2.88	42.37
8 GANNON	93	33,281	48.1	78.9	75.6	12,414	COAL	21,809	18,933,190	412,895.0	1,824,103	2.76	42.37
9 GANNON	155	72,949	63.3	84.0	85.4	11,814	COAL	44,748	18,933,650	847,254.0	1,896,174	2.80	42.37
10 GANNON	179	86,206	51.2	81.3	74.3	11,772	COAL	42,608	18,933,358	802,868.0	1,798,933	2.83	42.37
11 GANNON	232	123,190	71.4	78.1	86.1	10,919	COAL	81,884	23,794,848	1,233,005.0	2,188,568	1.78	42.37
12 GANNON	392	161,648	55.4	82.6	84.0	10,272	COAL	89,379	23,987,475	1,960,369.0	2,933,170	1.81	42.37
13 GANNON STA.	1,150	487,684	58.1	81.5	82.0	10,862	COAL	254,271	21,296,522	5,413,799.0	10,772,466	2.17	42.37
14 S.B.#1	431	191,734	58.8	82.9	89.6	10,181	COAL	85,451	22,843,723	1,952,019.0	3,598,598	1.86	41.76
15 S.B.#2	431	189,823	59.2	85.5	86.5	10,316	COAL	80,399	22,850,704	1,958,284.0	3,582,666	1.88	41.76
16 S.B.#3	438	298,476	72.6	82.0	82.1	9,958	COAL	98,738	23,848,599	2,354,739.0	4,123,475	1.74	41.76
17 S.B. 1-3	1,300	618,033	63.9	83.5	72.8	10,137	COAL	289,498	23,247,193	6,285,072.0	11,254,717	1.82	41.76
18 S.B.#4	447	129,049	38.6	40.7	83.7	9,878	COAL	58,744	21,889,458	1,274,713.0	2,969,461	2.30	50.53
19 S.B. STA.	1,747	747,062	57.5	72.5	75.7	10,082	COAL	328,242	22,870,202	7,538,785.0	14,223,168	1.89	43.33
20 PHILLIPS #1 (HVY OIL)	17	1,822	8.3	80.0	96.7	8,479	HVY OIL	1,578	6,319,362	9,872.0	40,180	3.82	25.46
21 PHILLIPS #2 (HVY OIL)	17	1,026	8.1	80.0	95.8	8,460	HVY OIL	1,539	6,319,688	9,736.0	39,187	3.82	25.46
22 SED-PHILLIPS TOTAL	34	2,878	8.2	80.0	96.2	8,478	HVY OIL	3,117	6,319,538	19,608.0	79,367	3.82	25.46
23 POLK COAL	250	140,382	75.5	-	-	10,804	COAL	64,800	22,873,148	1,488,880.0	2,786,403	1.98	43.00
24 POLK OIL	250	15,589	8.4	-	-	8,127	LOT OIL	21,900	5,788,493	128,768.0	508,868	3.26	23.34
25 POLK TOTAL	250	155,991	83.9	87.9	95.0	10,266	-	-	-	1,615,428.0	3,295,309	2.11	-
26 GANNON T.#1	17	78	0.6	77.8	81.8	18,182	LOT OIL	245	5,791,837	1,419.0	5,597	7.18	22.84
27 S.B.C.T.#1	17	82	0.6	64.9	96.5	18,195	LOT OIL	257	5,805,447	1,482.0	5,871	7.18	22.84
28 S.B.C.T.#2	80	589	1.0	68.1	81.8	15,251	LOT OIL	1,549	5,798,225	8,963.0	30,385	6.01	22.84
29 S.B.C.T.#3	80	464	0.8	68.1	82.9	15,707	LOT OIL	1,258	5,802,548	7,288.0	28,882	6.18	22.84
30 C.T. TOTAL	194	1213	0.8	68.5	83.7	15,814	LOT OIL	3,307	5,800,423	18,182.0	75,545	6.23	22.84
31 TOT COAL (GANNON,POLK)	3,147	1,364,968	59.2	70.0	-	10,428	COAL	647,263	22,312,745	14,442,214.0	27,762,057	2.01	42.92
32 SYSTEM	3,567	1,407,928	52.8	70.6	87.9	10,422	-	-	-	14,872,921.0	28,610,316	2.03	-

LEGEND: H.P. = HOOKERS POINT #1 & #2 BEND HVY-HEAVY NATURAL
 GANNON C.T. = COMBUSTION TURBINE LOT=LIGHT

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

	Jan-88	Feb-88	Mar-88	Apr-88	May-88	Jun-88
HEAVY OIL						
1 PURCHASES:						
2 UNITS (BBL)	23,746	19,127	75,397	13,332	56,590	152,567
3 UNIT COST (\$/BBL)	16.53	16.46	16.29	16.30	16.20	16.06
4 AMOUNT (\$)	392,427	314,736	1,228,013	217,298	917,005	2,449,478
5 BURNED:						
6 UNITS (BBL)	23,746	19,127	75,397	13,332	56,590	152,567
7 UNIT COST (\$/BBL)	16.74	16.94	16.47	17.29	16.79	16.40
8 AMOUNT (\$)	397,461	324,106	1,241,771	230,448	950,171	2,502,140
9 ENDING INVENTORY:						
10 UNITS (BBL)	182,781	182,781	182,781	182,781	182,781	182,781
11 UNIT COST (\$/BBL)	15.58	15.64	15.80	15.82	15.88	15.92
12 AMOUNT (\$)	2,847,050	2,859,060	2,888,372	2,892,319	2,902,073	2,910,086
13 DAYS SUPPLY:	153	116	75	47	43	60
LIGHT OIL						
14 PURCHASES:						
15 UNITS (BBL)	41,310	37,275	29,196	35,411	52,610	62,622
16 UNIT COST (\$/BBL)	23.20	23.17	23.04	22.77	22.54	22.48
17 AMOUNT (\$)	958,547	863,533	672,769	806,309	1,185,999	1,407,756
18 BURNED:						
19 UNITS (BBL)	27,122	23,371	17,550	22,681	39,720	47,941
20 UNIT COST (\$/BBL)	22.33	22.67	22.60	22.79	22.64	22.54
21 AMOUNT (\$)	605,525	529,842	396,575	521,450	899,333	1,080,819
22 ENDING INVENTORY:						
23 UNITS (BBL)	66,611	66,611	66,611	66,611	66,611	66,611
24 UNIT COST (\$/BBL)	22.20	22.53	22.69	22.71	22.63	22.57
25 AMOUNT (\$)	1,478,791	1,500,616	1,511,634	1,512,556	1,507,689	1,503,500
26 DAYS SUPPLY: NORMAL	64	56	42	36	34	38
27 DAYS SUPPLY: EMERGENCY	10	10	10	10	10	10
COAL						
28 PURCHASES:						
29 UNITS (TONS)	678,666	704,666	652,666	613,666	627,821	652,666
30 UNIT COST (\$/TON)	43.73	44.17	43.45	44.16	43.93	43.61
31 AMOUNT (\$)	29,676,589	31,124,116	28,361,082	27,100,412	27,580,717	28,463,286
32 BURNED:						
33 UNITS (TONS)	750,638	590,639	652,857	597,052	657,779	740,709
34 UNIT COST (\$/TON)	44.47	45.08	44.35	44.70	44.31	44.12
35 AMOUNT (\$)	33,382,223	26,625,746	28,954,166	26,689,581	29,146,448	32,683,187
36 ENDING INVENTORY:						
37 UNITS (TONS)	514,168	628,195	628,004	644,618	614,660	526,617
38 UNIT COST (\$/TON)	42.33	42.46	42.01	42.24	42.35	42.25
39 AMOUNT (\$)	21,766,623	26,672,209	26,381,366	27,227,048	25,929,685	22,240,345
40 DAYS SUPPLY:	25	30	29	27	25	22
NATURAL GAS						
41 PURCHASES:						
42 UNITS (MCF)	0	0	0	0	0	0
43 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00
44 AMOUNT (\$)	0	0	0	0	0	0
45 BURNED:						
46 UNITS (MCF)	0	0	0	0	0	0
47 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00
48 AMOUNT (\$)	0	0	0	0	0	0
49 ENDING INVENTORY:						
50 UNITS (MCF)	0	0	0	0	0	0
51 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00
52 AMOUNT (\$)	0	0	0	0	0	0
53 DAYS SUPPLY:	0	0	0	0	0	0
NUCLEAR						
54 BURNED:						
55 UNITS (MMBTU)	0	0	0	0	0	0
56 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
57 AMOUNT (\$)	0	0	0	0	0	0
OTHER						
58 PURCHASES:						
59 UNITS (MMBTU)	0	0	0	0	0	0
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
61 AMOUNT (\$)	0	0	0	0	0	0
62 BURNED:						
63 UNITS (MMBTU)	0	0	0	0	0	0
64 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
65 AMOUNT (\$)	0	0	0	0	0	0
66 ENDING INVENTORY:						
67 UNITS (MMBTU)	0	0	0	0	0	0
68 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
69 AMOUNT (\$)	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-ADDSIES, INVENTORY AND/OR INVENTORY ADJUSTMENT ARE INCLUDED.

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: JULY 1989 THRU DECEMBER 1989

	HEAVY OIL	Jul-89	Aug-89	Sep-89	Oct-89	Nov-89	Dec-89	TOTAL
1 PURCHASES:								
2 UNITS (BBL)		152,159	79,622	48,033	18,713	18,188	13,409	670,881
3 UNIT COST (\$/BBL)		16.02	16.06	16.08	16.27	16.47	16.78	16.15
4 AMOUNT (\$)		2,438,253	1,278,543	772,259	304,529	299,610	224,677	10,836,826
5 BURNED:								
6 UNITS (BBL)		152,159	79,622	48,033	18,713	18,188	13,409	670,881
7 UNIT COST (\$/BBL)		16.42	16.66	16.89	17.42	17.25	18.18	16.64
8 AMOUNT (\$)		2,498,560	1,326,788	811,177	325,942	313,747	243,808	11,166,119
9 ENDING INVENTORY:								
10 UNITS (BBL)		182,781	182,781	182,781	182,781	182,781	182,781	182,781
11 UNIT COST (\$/BBL)		15.93	15.93	15.93	15.95	15.98	16.02	16.02
12 AMOUNT (\$)		2,912,229	2,912,425	2,912,538	2,915,546	2,921,731	2,927,409	2,927,409
13 DAYS SUPPLY:		115	196	334	278	214	110	-
LIGHT OIL								
14 PURCHASES:								
15 UNITS (BBL)		63,181	58,290	46,603	39,578	29,630	39,442	535,146
16 UNIT COST (\$/BBL)		22.45	22.38	22.35	22.89	23.25	23.58	22.77
17 AMOUNT (\$)		1,418,469	1,304,419	1,041,682	905,843	689,038	930,020	12,184,414
18 BURNED:								
19 UNITS (BBL)		49,197	44,144	32,410	25,150	17,190	25,207	371,883
20 UNIT COST (\$/BBL)		22.50	22.45	22.46	22.68	22.85	23.19	22.61
21 AMOUNT (\$)		1,106,617	991,226	727,771	570,309	392,716	584,451	8,406,834
22 ENDING INVENTORY:								
23 UNITS (BBL)		66,611	66,611	66,611	66,611	66,611	66,611	66,611
24 UNIT COST (\$/BBL)		21.12	21.09	21.25	22.58	22.78	23.06	23.06
25 AMOUNT (\$)		1,407,109	1,405,050	1,415,365	1,503,820	1,517,401	1,535,799	1,535,799
26 DAYS SUPPLY: NORMAL		45	56	61	56	47	39	-
27 DAYS SUPPLY: EMERGENCY		10	10	10	10	10	10	-
COAL								
28 PURCHASES:								
29 UNITS (TONS)		678,666	704,666	678,666	652,666	600,666	626,666	7,872,147
30 UNIT COST (\$/TON)		43.03	43.30	43.35	43.70	43.20	42.44	43.51
31 AMOUNT (\$)		29,203,447	30,511,830	29,421,377	28,522,782	25,946,673	26,594,959	342,507,250
32 BURNED:								
33 UNITS (TONS)		790,477	737,505	717,550	653,554	578,967	647,263	8,114,990
34 UNIT COST (\$/TON)		43.61	43.80	43.72	44.33	43.96	42.92	44.10
35 AMOUNT (\$)		34,471,643	32,304,242	31,371,817	28,972,678	25,450,232	27,782,057	357,834,020
36 ENDING INVENTORY:								
37 UNITS (TONS)		414,806	381,967	343,083	342,195	363,894	343,297	343,297
38 UNIT COST (\$/TON)		41.85	41.93	42.16	42.31	42.21	42.50	42.50
39 AMOUNT (\$)		17,357,876	16,017,401	14,464,909	14,476,759	15,359,956	14,590,568	14,590,568
40 DAYS SUPPLY:		18	18	17	16	17	16	-
NATURAL GAS								
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	-
NUCLEAR								
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
OTHER								
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, INVENTORY AND/OR INVENTORY ADJUSTMENT ARE INCLUDED.

POWER SOLD
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 1988 THRU DECEMBER 1988

SCHEDULE EE
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(1) MONTH	(2) SOLD TO	(3) TYPE & SCHEDULE	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) CONTRACT COST		(8) TOTAL \$ FOR FUEL ADJUSTMENT (\$/MVA)	(9) TOTAL COST \$ (\$/MVA)	(10) 8% GAIN ON ECONOMY ENERGY SALES
						(A) FUEL COST	(B) TOTAL COST			
Jan-88	VARIOUS	JURISD.	321,898.0	0.0	321,898.0	1,843	2,384	5,830,200.00	7,868,700.00	1,390,980.00
	VARIOUS	SEPARATED	5,825.0	0.0	5,825.0	1,938	1,938	108,900.00	108,900.00	
	VARIOUS	SEPARATED	20,354.0	0.0	20,354.0	1,791	2,024	356,400.00	412,000.00	
	HPP	SEPARATED	18,100.0	0.0	18,100.0	2,488	3,363	450,400.00	606,900.00	
	FMPA	SEPARATED	78,120.0	78,120.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	LESS TRANSMISSION COSTS							(18,800.00)		
	LESS VARIABLE O & M COSTS							(583,300.00)		
	PLUS 80% OF ECON. PROFITS							1,390,980.00		
TOTAL			443,897.0	78,120.0	385,777.0	2,886	2,405	7,868,880.00	8,796,500.00	
Feb-88	VARIOUS	JURISD.	100,326.0	0.0	100,326.0	1,885	2,412	1,891,200.00	2,420,000.00	423,040.00
	VARIOUS	SEPARATED	5,544.0	0.0	5,544.0	1,944	1,944	107,800.00	107,800.00	
	VARIOUS	SEPARATED	18,384.0	0.0	18,384.0	1,798	2,031	323,100.00	373,300.00	
	HPP	SEPARATED	12,900.0	0.0	12,900.0	2,822	3,387	325,300.00	436,900.00	
	FMPA	SEPARATED	70,560.0	70,560.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	LESS TRANSMISSION COSTS							(18,800.00)		
	LESS VARIABLE O & M COSTS							(172,800.00)		
	PLUS 80% OF ECON. PROFITS							423,040.00		
TOTAL			207,714.0	70,560.0	137,154.0	2,101	2,434	2,881,040.00	3,338,000.00	
Mar-88	VARIOUS	JURISD.	188,086.0	0.0	188,086.0	2,179	2,789	4,120,000.00	5,273,600.00	922,880.00
	VARIOUS	SEPARATED	5,873.0	0.0	5,873.0	1,878	1,878	112,100.00	112,100.00	
	VARIOUS	SEPARATED	20,354.0	0.0	20,354.0	1,748	2,018	355,400.00	410,800.00	
	HPP	SEPARATED	100.0	0.0	100.0	2,500	3,300	2,500.00	3,300.00	
	FMPA	SEPARATED	78,120.0	78,120.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	LESS TRANSMISSION COSTS							(18,800.00)		
	LESS VARIABLE O & M COSTS							(325,200.00)		
	PLUS 80% OF ECON. PROFITS							922,880.00		
TOTAL			283,313.0	78,120.0	215,193.0	2,403	2,895	5,170,880.00	5,798,800.00	
Apr-88	VARIOUS	JURISD.	87,822.0	0.0	87,822.0	1,871	2,444	1,333,000.00	1,853,000.00	258,000.00
	VARIOUS	SEPARATED	5,575.0	0.0	5,575.0	1,907	1,907	108,300.00	108,300.00	
	VARIOUS	SEPARATED	19,896.0	0.0	19,896.0	1,793	2,025	345,300.00	398,900.00	
	HPP	SEPARATED	800.0	0.0	800.0	2,417	3,283	14,500.00	19,700.00	
	FMPA	SEPARATED	75,800.0	75,800.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	LESS TRANSMISSION COSTS							(18,800.00)		
	LESS VARIABLE O & M COSTS							(118,300.00)		
	PLUS 80% OF ECON. PROFITS							258,000.00		
TOTAL			188,083.0	75,800.0	93,483.0	2,086	2,329	1,922,000.00	2,177,900.00	
May-88	VARIOUS	JURISD.	22,024.0	0.0	22,024.0	2,019	2,483	444,800.00	548,900.00	81,840.00
	VARIOUS	SEPARATED	5,888.0	0.0	5,888.0	1,988	1,988	118,500.00	118,500.00	
	VARIOUS	SEPARATED	20,354.0	0.0	20,354.0	1,757	2,031	357,600.00	413,400.00	
	HPP	SEPARATED	24,200.0	0.0	24,200.0	2,335	3,200	585,000.00	774,400.00	
	FMPA	SEPARATED	78,120.0	78,120.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	LESS TRANSMISSION COSTS							(18,800.00)		
	LESS VARIABLE O & M COSTS							(37,900.00)		
	PLUS 80% OF ECON. PROFITS							81,840.00		
TOTAL			150,584.0	78,120.0	72,444.0	2,088	2,555	1,810,840.00	1,851,200.00	
Jun-88	VARIOUS	JURISD.	133,118.0	0.0	133,118.0	2,413	3,044	3,212,100.00	4,052,800.00	672,400.00
	VARIOUS	SEPARATED	5,919.0	0.0	5,919.0	2,085	2,085	122,200.00	122,200.00	
	VARIOUS	SEPARATED	23,980.0	0.0	23,980.0	1,754	2,010	420,500.00	482,100.00	
	HPP	SEPARATED	38,400.0	0.0	38,400.0	2,379	3,244	937,300.00	1,278,100.00	
	FMPA	SEPARATED	75,800.0	75,800.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	5,798.0	0.0	5,798.0	2,391	2,391	137,700.00	137,700.00	
	LESS TRANSMISSION COSTS							(24,500.00)		
	LESS VARIABLE O & M COSTS							(229,000.00)		
	PLUS 80% OF ECON. PROFITS							672,400.00		
TOTAL			283,778.0	75,800.0	208,178.0	2,821	2,917	5,248,700.00	6,072,700.00	

POWER SOLD
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 1988 THRU DECEMBER 1988

SCHEDULE EE
PAGE 2 OF 2

(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/kWh		(8) TOTAL \$ FOR FUEL ADJUSTMENT (B)/(7A)	(9) TOTAL COST \$ (B)/(7B)	(10) \$% GAIN ON ECONOMY ENERGY SALES
						(A) FUEL COST	(B) TOTAL COST			
Jul-88	VARIOUS	ECON.	145,800.0	0.0	145,800.0	2.312	2.862	3,372,300.00	4,203,200.00	664,720.00
	VARIOUS	SCH -D	5,856.0	0.0	5,856.0	2.004	2.004	113,400.00	113,400.00	
	VARIOUS	SEPARATED	24,773.0	0.0	24,773.0	1.745	2.001	432,300.00	498,600.00	
	HPP	SEPARATED	80,500.0	0.0	80,500.0	2.345	3.210	1,172,700.00	1,806,200.00	
	FMPA	SCH -D	78,120.0	78,120.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	5,951.0	0.0	5,951.0	2.384	2.384	141,900.00	141,900.00	
	LESS TRANSMISSION COSTS							(24,500.00)		
	LESS VARIABLE O & M COSTS							(250,800.00)		
	PLUS 80% OF ECON. PROFITS							664,720.00		
TOTAL			310,382.0	78,120.0	232,262.0	2.421	2.824	5,821,920.00	6,558,300.00	
Aug-88	VARIOUS	ECON.	5,319.0	0.0	5,319.0	1.940	2.382	103,200.00	126,700.00	18,800.00
	VARIOUS	SCH -D	5,724.0	0.0	5,724.0	2.100	2.100	120,200.00	120,200.00	
	VARIOUS	SEPARATED	24,773.0	0.0	24,773.0	1.743	1.988	431,800.00	498,000.00	
	HPP	SEPARATED	48,800.0	0.0	48,800.0	2.345	3.210	1,144,200.00	1,586,400.00	
	FMPA	SCH -D	78,120.0	78,120.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	5,951.0	0.0	5,951.0	2.384	2.384	141,900.00	141,900.00	
	LESS TRANSMISSION COSTS							(24,500.00)		
	LESS VARIABLE O & M COSTS							(8,100.00)		
	PLUS 80% OF ECON. PROFITS							18,800.00		
TOTAL			168,667.0	78,120.0	90,547.0	2.127	2.705	1,928,500.00	2,450,200.00	
Sep-88	VARIOUS	ECON.	13,733.0	0.0	13,733.0	1.956	2.386	268,800.00	327,700.00	47,280.00
	VARIOUS	SCH -D	5,740.0	0.0	5,740.0	2.016	2.016	115,700.00	115,700.00	
	VARIOUS	SEPARATED	23,873.0	0.0	23,873.0	1.747	2.003	418,900.00	480,100.00	
	HPP	SEPARATED	38,600.0	0.0	38,600.0	2.324	3.190	920,500.00	1,263,100.00	
	FMPA	SCH -D	75,800.0	75,800.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	5,759.0	0.0	5,759.0	2.391	2.391	137,700.00	137,700.00	
	LESS TRANSMISSION COSTS							(24,500.00)		
	LESS VARIABLE O & M COSTS							(23,600.00)		
	PLUS 80% OF ECON. PROFITS							47,280.00		
TOTAL			164,405.0	75,800.0	88,605.0	2.095	2.617	1,860,580.00	2,324,300.00	
Oct-88	VARIOUS	ECON.	54,433.0	0.0	54,433.0	1.985	2.408	1,089,700.00	1,310,800.00	192,880.00
	VARIOUS	SCH -D	5,784.0	0.0	5,784.0	1.983	1.983	114,300.00	114,300.00	
	VARIOUS	SEPARATED	21,050.0	0.0	21,050.0	1.754	2.025	369,300.00	426,300.00	
	HPP	SEPARATED	600.0	0.0	600.0	2.350	3.217	14,100.00	19,300.00	
	FMPA	SCH -D	78,120.0	78,120.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	LESS TRANSMISSION COSTS							(18,100.00)		
	LESS VARIABLE O & M COSTS							(93,800.00)		
	PLUS 80% OF ECON. PROFITS							192,880.00		
TOTAL			158,967.0	78,120.0	81,847.0	2.014	2.396	1,848,580.00	1,870,700.00	
Nov-88	VARIOUS	ECON.	51,888.0	0.0	51,888.0	2.002	2.408	1,038,700.00	1,248,700.00	168,800.00
	VARIOUS	SCH -D	5,961.0	0.0	5,961.0	1.945	1.945	110,100.00	110,100.00	
	VARIOUS	SEPARATED	20,370.0	0.0	20,370.0	1.778	2.051	361,800.00	417,700.00	
	HPP	SEPARATED	4,800.0	0.0	4,800.0	2.289	3.154	106,300.00	149,100.00	
	FMPA	SCH -D	75,800.0	75,800.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	LESS TRANSMISSION COSTS							(18,100.00)		
	LESS VARIABLE O & M COSTS							(89,200.00)		
	PLUS 80% OF ECON. PROFITS							168,800.00		
TOTAL			158,119.0	75,800.0	82,319.0	2.033	2.330	1,877,400.00	1,922,800.00	
Dec-88	VARIOUS	ECON.	74,588.0	0.0	74,588.0	1.846	2.284	1,377,200.00	1,688,900.00	248,380.00
	VARIOUS	SCH -D	5,875.0	0.0	5,875.0	1.981	1.981	112,400.00	112,400.00	
	VARIOUS	SEPARATED	21,050.0	0.0	21,050.0	1.778	2.053	374,200.00	432,100.00	
	HPP	SEPARATED	18,700.0	0.0	18,700.0	2.335	3.200	389,900.00	534,400.00	
	FMPA	SCH -D	85,400.0	85,400.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	LESS TRANSMISSION COSTS							(18,100.00)		
	LESS VARIABLE O & M COSTS							(128,300.00)		
	PLUS 80% OF ECON. PROFITS							248,380.00		
TOTAL			213,414.0	85,400.0	118,014.0	1.997	2.345	2,306,880.00	2,767,800.00	
Jan-89	VARIOUS	ECON.	1,179,878.0	0.0	1,179,878.0	2.048	2.587	24,180,800.00	30,821,800.00	5,088,960.00
THRU	VARIOUS	SCH -D	68,424.0	0.0	68,424.0	1.987	1.987	1,369,800.00	1,369,800.00	
Dec-88	VARIOUS	SEPARATED	259,111.0	0.0	259,111.0	1.756	2.021	4,548,800.00	5,237,300.00	
	HPP	SEPARATED	258,800.0	0.0	258,800.0	2.364	3.229	6,041,700.00	8,252,800.00	
	FMPA	SCH -D	937,080.0	937,080.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISD.	23,420.0	0.0	23,420.0	2.388	2.388	558,200.00	559,200.00	
	LESS TRANSMISSION COSTS							(238,300.00)		
	LESS VARIABLE O & M COSTS							(2,209,000.00)		
	PLUS 80% OF ECON. PROFITS							5,088,960.00		
TOTAL			2,723,311.0	937,080.0	1,786,231.0	2.211	2.571	30,491,880.00	48,831,000.00	

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 1989 THRU DECEMBER 1989**

[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) MWH/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT (7)(8A)
							(A) FUEL COST	(B) TOTAL COST	
Jan-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	2,521.0 7,838.0 54,095.0 24,025.0	0.0 0.0 54,095.0 24,025.0	1,210.0 0.0 0.0 0.0	1,311.0 7,838.0 0.0 0.0	9.779 5.078 0.000 0.000	9.779 5.078 0.000 0.000	128,200.00 398,000.00 0.00 0.00
TOTAL	-	-	88,479.0	78,120.0	1,210.0	9,149.0	5.751	5.751	526,200.00
Feb-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	1,485.0 8,529.0 48,880.0 21,700.0	0.0 0.0 48,880.0 21,700.0	865.0 0.0 0.0 0.0	830.0 8,529.0 0.0 0.0	9.778 4.982 0.000 0.000	9.778 4.982 0.000 0.000	81,600.00 423,200.00 0.00 0.00
TOTAL	-	-	80,574.0	70,580.0	865.0	9,159.0	5.293	5.293	484,800.00
Mar-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	2,488.0 33,870.0 54,095.0 24,025.0	0.0 0.0 54,095.0 24,025.0	1,856.0 0.0 0.0 0.0	840.0 33,870.0 0.0 0.0	9.786 2.968 0.000 0.000	9.786 2.968 0.000 0.000	82,200.00 1,005,400.00 0.00 0.00
TOTAL	-	-	114,488.0	78,120.0	1,856.0	34,710.0	3.133	3.133	1,087,600.00
Apr-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	1,748.0 18,172.0 52,350.0 23,250.0	0.0 0.0 52,350.0 23,250.0	1,185.0 0.0 0.0 0.0	561.0 18,172.0 0.0 0.0	9.788 3.147 0.000 0.000	9.788 3.147 0.000 0.000	54,800.00 508,000.00 0.00 0.00
TOTAL	-	-	93,518.0	75,600.0	1,185.0	18,733.0	3.369	3.369	563,800.00
May-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	15,105.0 83,879.0 54,095.0 24,025.0	0.0 0.0 54,095.0 24,025.0	8,903.0 0.0 0.0 0.0	6,202.0 83,879.0 0.0 0.0	9.777 2.585 0.000 0.000	9.777 2.585 0.000 0.000	606,400.00 2,188,000.00 0.00 0.00
TOTAL	-	-	177,104.0	78,120.0	8,903.0	90,081.0	3.080	3.080	2,774,400.00
Jun-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	22,188.0 80,988.0 52,350.0 23,250.0	0.0 0.0 52,350.0 23,250.0	13,151.0 0.0 0.0 0.0	9,035.0 80,988.0 0.0 0.0	9.779 2.718 0.000 0.000	9.779 2.718 0.000 0.000	883,500.00 2,201,300.00 0.00 0.00
TOTAL	-	-	178,786.0	75,600.0	13,151.0	90,084.0	3.426	3.426	3,084,800.00
Jul-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	26,088.0 69,547.0 54,095.0 24,025.0	0.0 0.0 54,095.0 24,025.0	14,105.0 0.0 0.0 0.0	11,983.0 69,547.0 0.0 0.0	9.779 2.836 0.000 0.000	9.779 2.836 0.000 0.000	1,171,800.00 1,972,700.00 0.00 0.00
TOTAL	-	-	173,756.0	78,120.0	14,105.0	81,530.0	3.857	3.857	3,144,500.00
Aug-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	28,325.0 71,131.0 54,095.0 24,025.0	0.0 0.0 54,095.0 24,025.0	15,386.0 0.0 0.0 0.0	12,927.0 71,131.0 0.0 0.0	9.779 2.904 0.000 0.000	9.779 2.904 0.000 0.000	1,264,100.00 2,085,400.00 0.00 0.00
TOTAL	-	-	177,576.0	78,120.0	15,386.0	84,058.0	3.961	3.961	3,329,500.00
Sep-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	14,479.0 56,075.0 52,350.0 23,250.0	0.0 0.0 52,350.0 23,250.0	8,371.0 0.0 0.0 0.0	6,108.0 56,075.0 0.0 0.0	9.779 2.904 0.000 0.000	9.779 2.904 0.000 0.000	587,300.00 1,828,200.00 0.00 0.00
TOTAL	-	-	148,154.0	75,600.0	8,371.0	62,183.0	3.579	3.579	2,225,500.00
Oct-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	2,890.0 26,282.0 54,095.0 24,025.0	0.0 0.0 54,095.0 24,025.0	1,973.0 0.0 0.0 0.0	957.0 26,282.0 0.0 0.0	9.781 3.273 0.000 0.000	9.781 3.273 0.000 0.000	93,800.00 890,500.00 0.00 0.00
TOTAL	-	-	107,342.0	78,120.0	1,973.0	27,248.0	3.501	3.501	954,100.00
Nov-89	VARIOUS HPP PECO FPC	EMER IPP OTHER OTHER	3,951.0 18,734.0 52,350.0 23,250.0	0.0 0.0 52,350.0 23,250.0	2,185.0 0.0 0.0 0.0	1,486.0 18,734.0 0.0 0.0	9.778 3.581 0.000 0.000	9.778 3.581 0.000 0.000	145,300.00 670,800.00 0.00 0.00
TOTAL	-	-	97,985.0	75,600.0	2,185.0	20,220.0	4.036	4.036	816,100.00
Dec-89	VARIOUS HPP PECO FPC VARIOUS	EMER IPP OTHER OTHER OTHER	1,814.0 11,591.0 54,095.0 24,025.0 17,280.0	0.0 0.0 54,095.0 24,025.0 17,280.0	929.0 0.0 0.0 0.0 0.0	885.0 11,591.0 0.0 0.0 0.0	9.781 4.784 0.000 0.000 0.000	9.781 4.784 0.000 0.000 0.000	67,000.00 552,200.00 0.00 0.00 0.00
TOTAL	-	-	108,805.0	95,400.0	929.0	12,276.0	5.044	5.044	619,200.00
Jan-89 THRU Dec-89	VARIOUS HPP PECO FPC VARIOUS	EMER IPP OTHER OTHER OTHER	122,828.0 484,657.0 636,925.0 282,875.0 17,280.0	0.0 0.0 636,925.0 282,875.0 17,280.0	69,901.0 0.0 0.0 0.0 0.0	52,725.0 484,657.0 0.0 0.0 0.0	9.779 2.982 0.000 0.000 0.000	9.779 2.982 0.000 0.000 0.000	5,155,800.00 14,454,700.00 0.00 0.00 0.00
TOTAL	-	-	1,544,383.0	937,080.0	69,901.0	537,382.0	3.649	3.649	19,610,500.00

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 1999 THRU DECEMBER 1999

(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	
Jan-99	VARIOUS	CO-GEN.	37,876.0	0.0	0.0	37,876.0	1.745	1.745	661,100.00
Feb-99	VARIOUS	CO-GEN.	33,272.0	0.0	0.0	33,272.0	1.833	1.833	609,800.00
Mar-99	VARIOUS	CO-GEN.	37,876.0	0.0	0.0	37,876.0	1.999	1.999	757,000.00
Apr-99	VARIOUS	CO-GEN.	38,717.0	0.0	0.0	38,717.0	1.905	1.905	737,500.00
May-99	VARIOUS	CO-GEN.	22,435.0	0.0	0.0	22,435.0	2.111	2.111	473,500.00
Jun-99	VARIOUS	CO-GEN.	30,311.0	0.0	0.0	30,311.0	2.136	2.136	647,500.00
Jul-99	VARIOUS	CO-GEN.	37,309.0	0.0	0.0	37,309.0	2.133	2.133	795,700.00
Aug-99	VARIOUS	CO-GEN.	37,309.0	0.0	0.0	37,309.0	2.139	2.139	797,900.00
Sep-99	VARIOUS	CO-GEN.	35,159.0	0.0	0.0	35,159.0	2.159	2.159	759,100.00
Oct-99	VARIOUS	CO-GEN.	35,679.0	0.0	0.0	35,679.0	2.094	2.094	747,200.00
Nov-99	VARIOUS	CO-GEN.	34,055.0	0.0	0.0	34,055.0	2.063	2.063	702,400.00
Dec-99	VARIOUS	CO-GEN.	35,190.0	0.0	0.0	35,190.0	1.803	1.803	634,600.00
TOTAL			415,188.0	0.0	0.0	415,188.0	2.005	2.005	8,323,300.00

ECONOMY ENERGY PURCHASES
 TAMPA ELECTRIC COMPANY
 ESTIMATED FOR THE PERIOD OF: JANUARY 1999 THRU DECEMBER 1999

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST cents/KWH	(6) TOTAL \$ FOR FUEL ADJUSTMENT (4)X(5)	(7) COST IF GENERATED		(8) FUEL SAVINGS (7B)-(6)
						(A) cents/KWH	(B) (\$000'S)	
Jan-99	VARIOUS	ECON.	113.0	4.867	5,500.00	5.664	6,400.00	900.00
Feb-99	VARIOUS	ECON.	280.0	4.536	12,700.00	5.179	14,500.00	1,800.00
Mar-99	VARIOUS	ECON.	315.0	4.857	15,300.00	5.556	17,500.00	2,200.00
Apr-99	VARIOUS	ECON.	427.0	4.614	19,700.00	5.480	23,400.00	3,700.00
May-99	VARIOUS	ECON.	4,429.0	4.378	193,900.00	5.286	234,100.00	40,200.00
Jun-99	VARIOUS	ECON.	1,959.0	5.835	114,300.00	6.411	125,600.00	11,300.00
Jul-99	VARIOUS	ECON.	1,977.0	5.867	116,000.00	6.348	125,500.00	9,500.00
Aug-99	VARIOUS	ECON.	6,242.0	4.297	268,200.00	5.211	325,300.00	57,100.00
Sep-99	VARIOUS	ECON.	5,910.0	4.156	245,600.00	4.998	295,400.00	49,800.00
Oct-99	VARIOUS	ECON.	1,099.0	4.222	46,400.00	5.059	55,600.00	9,200.00
Nov-99	VARIOUS	ECON.	873.0	4.685	40,900.00	5.601	48,900.00	8,000.00
Dec-99	VARIOUS	ECON.	641.0	3.853	24,700.00	4.571	29,300.00	4,600.00
TOTAL			24,265.0	4.548	1,103,200.00	5.364	1,301,500.00	198,300.00

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RESIDENTIAL BILL COMPARISON
 FOR MONTHLY USAGE OF 1000 KWH
 TAMPA ELECTRIC COMPANY
 ESTIMATED FOR THE PERIOD OF: JANUARY 1999 THRU DECEMBER 1999

	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	TOTAL
BASE RATE REVENUES	51.92	51.92	51.92	51.92	51.92	51.92	51.92	51.92	51.92	51.92	51.92	51.92	51.92
FUEL RECOVERY REVENUES	22.71	22.71	22.71	22.71	22.71	22.71	22.71	22.71	22.71	22.71	22.71	22.71	22.71
CONSERVATION REVENUES	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85
CAPACITY REVENUES	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06
ENVIRONMENTAL REVENUE J	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
FL GROSS REC. TAX REVENUES	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02
TOTAL REVENUES	80.85	80.85	80.85	80.85	80.85	80.85	80.85	80.85	80.85	80.85	80.85	80.85	80.85

• MONTHLY AND CUMULATIVE TWELVE MONTH ESTIMATED DATA

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
 TAMPA ELECTRIC COMPANY
 FOR THE PERIOD: APRIL 1988 THRU DECEMBER 1988

SCHEDULE 13

LINE NUMBER	ESTIMATED												TOTAL PERIOD	LINE NUMBER
	APR 88	MAY 88	ACTUAL JUNE 88	JULY 88	AUG 88	SEPT 88	OCT 88	NOV 88	DEC 88	JAN 89	FEB 89	MAR 89		
1	27,437,874	28,253,753	36,825,625	35,128,382	35,524,071	34,008,188	31,955,895	28,718,473	31,922,108	28,362,458	1			
1a	0	0	0	0	0	0	0	0	0	0	1a			
2	2,725,298	1,680,102	6,838,021	4,222,721	3,118,083	1,844,730	2,840,190	1,805,100	4,783,700	28,857,875	2			
3	185,778	4,187,429	3,471,322	4,385,100	3,828,728	2,795,100	597,700	814,700	281,800	25,748,487	3			
3a	0	0	0	0	0	0	0	0	0	0	3a			
3b	638,325	718,550	887,723	791,719	798,978	750,600	808,900	844,000	588,700	8,120,499	3b			
4	13,228	46,751	8,828	45,128	48,880	348,800	44,300	86,800	11,500	658,114	4			
4a	(2,860)	(3,818)	(5,284)	(4,270)	(4,487)	(3,000)	(3,000)	(3,000)	(3,000)	(32,839)	4a			
4b	0	0	0	0	0	0	0	0	0	0	4b			
5	25,598,917	31,530,563	33,050,212	36,040,318	37,179,878	35,927,009	30,581,895	28,458,873	27,708,208	284,014,871	5			
6	1,168,082	1,208,189	1,813,482	1,620,177	1,817,887	1,520,007	1,305,560	1,171,558	1,190,880	12,244,379	6			
6a	0	0	0	0	0	0	0	0	0	0	6a			
6b	0	0	0	0	0	0	0	0	0	0	6b			
6c	0	0	0	0	0	0	0	0	0	0	6c			
6d	0	0	0	0	0	0	0	0	0	0	6d			
6e	0	0	0	0	0	0	0	0	0	0	6e			
6f	0	0	0	0	0	0	0	0	0	0	6f			
6g	0	0	0	0	0	0	0	0	0	0	6g			
6h	0	0	0	0	0	0	0	0	0	0	6h			
6i	0	0	0	0	0	0	0	0	0	0	6i			
6j	0	0	0	0	0	0	0	0	0	0	6j			
6k	0	0	0	0	0	0	0	0	0	0	6k			
6l	0	0	0	0	0	0	0	0	0	0	6l			
6m	0	0	0	0	0	0	0	0	0	0	6m			
6n	0	0	0	0	0	0	0	0	0	0	6n			
6o	0	0	0	0	0	0	0	0	0	0	6o			
6p	0	0	0	0	0	0	0	0	0	0	6p			
6q	0	0	0	0	0	0	0	0	0	0	6q			
6r	0	0	0	0	0	0	0	0	0	0	6r			
6s	0	0	0	0	0	0	0	0	0	0	6s			
6t	0	0	0	0	0	0	0	0	0	0	6t			
6u	0	0	0	0	0	0	0	0	0	0	6u			
6v	0	0	0	0	0	0	0	0	0	0	6v			
6w	0	0	0	0	0	0	0	0	0	0	6w			
6x	0	0	0	0	0	0	0	0	0	0	6x			
6y	0	0	0	0	0	0	0	0	0	0	6y			
6z	0	0	0	0	0	0	0	0	0	0	6z			
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	1,000.13	1,000.13	7			
7a	25,325,962	31,058,077	32,280,455	35,388,500	36,553,053	35,656,850	30,338,345	28,292,817	27,527,820	280,528,889	7a			
7b	428,118	428,585	428,054	421,523	418,382	418,481	413,850	411,389	408,868	3,787,828	7b			
7c	422,211	428,138	418,407	413,359	411,875	413,277	410,852	408,745	408,142	3,722,988	7c			
7d	(13,179)	0	0	0	0	0	0	0	0	(13,179)	7d			
8	25,758,014	31,478,215	32,795,882	35,810,439	36,964,828	36,070,227	30,748,197	28,701,382	27,933,182	284,238,408	8			
9	2,208	2,823	2,107	2,229	2,433	2,329	2,384	2,291	2,344	2,3213	9			
10	(0.0519)	(0.0519)	(0.0519)	(0.0519)	(0.0519)	(0.0519)	(0.0519)	(0.0519)	(0.0519)	(0.0519)	10			
11	2,150	2,514	2,111	2,180	2,384	2,3210	2,1718	2,1825	2,2468	2,2948	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	1,000.83	1,000.83	12			
13	2,198	2,825	2,169	2,187	2,384	2,328	2,1726	2,1843	2,2507	2,2984	13			
14	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	(0.0043)	14			
15	2,1525	2,5492	2,1126	2,1820	2,3811	2,3108	2,1688	2,1795	2,2469	2,2918	15			
16	3,193	3,848	3,113	3,184	3,381	3,318	3,169	3,180	3,248	3,282	16			

• JURISDICTIONAL LOSS MULTIPLIER
 • PEABODY COAL CONTRACT BUY-OUT AMORT.
 • PEABODY JURISDICTIONALIZED
 (LINE 7b x LINE 6a)
 • FUEL CREDIT DIFFERENTIAL
 • JURISDIC. TOT. FUEL & NET PWR. TRANS. INCL.
 PEABODY & FUEL CREDIT DIFF. (LINE 7a-7c+7d)
 COST PER KWH SOLD (peabody+fuel)
 TRUE UP ** (peabody+fuel)
 TOTAL (LINES 8-16)(peabody+fuel)
 REVENUE TAX FACTOR
 RECOVERY FAC. ADJ. FOR TAXES (adj+fuel)
 (EXCL. GIPP)
 GIPP = (peabody+fuel)
 (ALREADY ADJUSTED FOR TAXES)
 TOTAL RECOVERY FACTOR (LINES 13-14)
 RECOVERY FACTOR ROUNDED TO NEAREST
 .001 (peabody+fuel)
 • INCLUDES ECONOMY SALES PROFITS (ESP)
 ** BASED ON JURISDICTIONAL SALES ONLY

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
ACTUAL FOR THE PERIOD OF: APRIL 1998 THRU AUGUST 1998

	ACTUAL				
	APR 98	MAY 98	JUNE 98	JULY 98	AUG. 98
FUEL COST OF SYSTEM NET GENERATION (\$)					
1 HEAVY OIL	209,790	978,508	1,458,034	1,895,765	1,296,498
2 LIGHT OIL	801,082	625,768	629,196	1,097,449	773,913
3 COAL	26,427,002	26,649,477	33,738,385	32,342,148	33,453,660
4 NATURAL GAS	0	0	0	0	0
5 NUCLEAR	0	0	0	0	0
6 OTHER	0	0	0	0	0
7 TOTAL (\$)	27,437,874	28,253,753	35,825,625	35,135,362	35,524,071
SYSTEM NET GENERATION (MWH)					
8 HEAVY OIL	5,741	26,877	39,405	48,128	35,733
9 LIGHT OIL	25,755	12,231	14,901	28,929	20,018
10 COAL	1,298,471	1,389,243	1,711,021	1,602,777	1,619,937
11 NATURAL GAS	0	0	0	0	0
12 NUCLEAR	0	0	0	0	0
13 OTHER	0	0	0	0	0
14 TOTAL (MWH)	1,329,967	1,428,351	1,765,327	1,677,832	1,675,688
UNITS OF FUEL BURNED					
15 HEAVY OIL (BBL)	11,127	57,481	87,288	103,182	80,004
16 LIGHT OIL (BBL)	38,064	29,642	30,344	54,428	40,492
17 COAL (TON)	619,012	656,696	814,673	776,009	764,021
18 NATURAL GAS (MCF)	0	0	0	0	0
19 NUCLEAR (MMBTU)	0	0	0	0	0
20 OTHER	0	0	0	0	0
BTUS BURNED (MMBTU)					
21 HEAVY OIL	70,025	362,757	550,976	651,531	505,092
22 LIGHT OIL	216,131	172,063	176,518	315,743	235,837
23 COAL	13,825,328	14,497,627	18,123,064	17,113,261	16,979,336
24 NATURAL GAS	0	0	0	0	0
25 NUCLEAR	0	0	0	0	0
26 OTHER	0	0	0	0	0
27 TOTAL (MMBTU)	14,111,482	15,032,447	18,660,558	18,080,535	17,720,265
GENERATION MIX (% MWH)					
28 HEAVY OIL	0.43	1.88	2.23	2.75	2.13
29 LIGHT OIL	1.94	0.86	0.84	1.72	1.19
30 COAL	97.63	97.26	96.93	95.53	96.68
31 NATURAL GAS	0.00	0.00	0.00	0.00	0.00
32 NUCLEAR	0.00	0.00	0.00	0.00	0.00
33 OTHER	0.00	0.00	0.00	0.00	0.00
34 TOTAL (%)	100.00	100.00	100.00	100.00	100.00
FUEL COST PER UNIT					
35 HEAVY OIL (\$/BBL)	18.85	17.02	16.71	16.43	16.21
36 LIGHT OIL (\$/BBL)	21.05	21.11	20.74	20.16	19.11
37 COAL (\$/TON)	42.69	40.58	41.41	41.68	43.79
38 NATURAL GAS (\$/MCF)	0.00	0.00	0.00	0.00	0.00
39 NUCLEAR (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00
40 OTHER	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)					
41 HEAVY OIL	3.00	2.70	2.65	2.60	2.57
42 LIGHT OIL	3.71	3.64	3.56	3.48	3.28
43 COAL	1.91	1.84	1.86	1.89	1.97
44 NATURAL GAS	0.00	0.00	0.00	0.00	0.00
45 NUCLEAR	0.00	0.00	0.00	0.00	0.00
46 OTHER	0.00	0.00	0.00	0.00	0.00
47 TOTAL (\$/MMBTU)	1.94	1.88	1.90	1.94	2.00
BTU BURNED PER KWH (BTU/KWH)					
48 HEAVY OIL	12,197	13,497	13,982	14,125	14,135
49 LIGHT OIL	8,392	14,068	11,846	10,914	11,781
50 COAL	10,847	10,436	10,592	10,677	10,481
51 NATURAL GAS	0	0	0	0	0
52 NUCLEAR	0	0	0	0	0
53 OTHER	0	0	0	0	0
54 TOTAL (BTU/KWH)	10,810	10,524	10,678	10,776	10,575
GENERATED FUEL COST PER KWH (cents/KWH)					
55 HEAVY OIL	3.65	3.64	3.70	3.68	3.63
56 LIGHT OIL	3.11	5.12	4.22	3.79	3.87
57 COAL	2.04	1.92	1.97	2.02	2.07
58 NATURAL GAS	0.00	0.00	0.00	0.00	0.00
59 NUCLEAR	0.00	0.00	0.00	0.00	0.00
60 OTHER	0.00	0.00	0.00	0.00	0.00
61 TOTAL (cents/KWH)	2.06	1.96	2.03	2.06	2.12

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: SEPTEMBER 1998 THRU DECEMBER 1998

	ESTIMATED				TOTAL
	SEPT. 98	OCT. 98	NOV. 98	DEC. 98	
FUEL COST OF SYSTEM NET GENERATION (\$)					
1 HEAVY OIL	1,098,390	343,809	673,595	150,264	7,904,453
2 LIGHT OIL	666,935	572,055	511,347	513,350	6,191,096
3 COAL	32,243,864	31,040,290	25,533,531	30,838,492	272,294,859
4 NATURAL GAS	0	0	0	0	0
5 NUCLEAR	0	0	0	0	0
6 OTHER	0	0	0	0	0
7 TOTAL (\$)	34,009,189	31,956,955	26,718,473	31,502,106	286,362,408
SYSTEM NET GENERATION (MWH)					
8 HEAVY OIL	29,250	8,780	17,585	3,944	213,441
9 LIGHT OIL	16,953	17,883	12,853	16,193	165,296
10 COAL	1,550,789	1,518,975	1,270,565	1,488,258	13,448,036
11 NATURAL GAS	0	0	0	0	0
12 NUCLEAR	0	0	0	0	0
13 OTHER	0	0	0	0	0
14 TOTAL (MWH)	1,596,992	1,545,418	1,300,803	1,506,395	13,826,773
UNITS OF FUEL BURNED					
15 HEAVY OIL (BBL)	67,800	20,509	40,924	8,568	476,861
16 LIGHT OIL (BBL)	33,340	27,539	24,271	23,558	301,678
17 COAL (TON)	708,504	698,725	580,024	687,200	6,300,864
18 NATURAL GAS (MCF)	0	0	0	0	0
19 NUCLEAR (MMBTU)	0	0	0	0	0
20 OTHER	0	0	0	0	0
BTUS BURNED (MMBTU)					
21 HEAVY OIL	428,570	129,838	288,677	54,141	3,011,408
22 LIGHT OIL	183,279	169,792	140,898	138,175	1,748,834
23 COAL	18,151,154	15,844,470	13,219,749	15,840,470	141,294,457
24 NATURAL GAS	0	0	0	0	0
25 NUCLEAR	0	0	0	0	0
26 OTHER	0	0	0	0	0
27 TOTAL (MMBTU)	18,773,003	16,133,901	13,619,022	15,731,486	146,052,699
GENERATION MIX (% MWH)					
28 HEAVY OIL	1.83	0.57	1.35	0.26	1.54
29 LIGHT OIL	1.06	1.14	0.97	1.07	1.20
30 COAL	97.11	98.29	97.68	98.67	97.26
31 NATURAL GAS	0.00	0.00	0.00	0.00	0.00
32 NUCLEAR	0.00	0.00	0.00	0.00	0.00
33 OTHER	0.00	0.00	0.00	0.00	0.00
34 TOTAL (%)	100.00	100.00	100.00	100.00	100.00
FUEL COST PER UNIT					
35 HEAVY OIL (\$/BBL)	16.20	16.75	16.46	17.54	16.58
36 LIGHT OIL (\$/BBL)	20.00	20.77	21.07	21.79	20.52
37 COAL (\$/TON)	45.64	44.55	44.02	44.88	43.21
38 NATURAL GAS (\$/MCF)	0.00	0.00	0.00	0.00	0.00
39 NUCLEAR (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00
40 OTHER	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)					
41 HEAVY OIL	2.56	2.85	2.80	2.78	2.82
42 LIGHT OIL	3.45	3.58	3.84	3.75	3.54
43 COAL	2.00	1.98	1.93	1.98	1.93
44 NATURAL GAS	0.00	0.00	0.00	0.00	0.00
45 NUCLEAR	0.00	0.00	0.00	0.00	0.00
46 OTHER	0.00	0.00	0.00	0.00	0.00
47 TOTAL (\$/MMBTU)	2.03	1.98	1.96	2.00	1.96
BTU BURNED PER KWH (BTU/KWH)					
48 HEAVY OIL	14,852	14,785	14,710	13,727	14,109
49 LIGHT OIL	11,401	9,047	11,112	8,453	10,568
50 COAL	10,415	10,431	10,405	10,456	10,507
51 NATURAL GAS	0	0	0	0	0
52 NUCLEAR	0	0	0	0	0
53 OTHER	0	0	0	0	0
54 TOTAL (BTU/KWH)	10,503	10,440	10,470	10,443	10,563
GENERATED FUEL COST PER KWH (cents/KWH)					
55 HEAVY OIL	3.78	3.81	3.83	3.81	3.70
56 LIGHT OIL	3.93	3.24	4.04	3.17	3.75
57 COAL	2.08	2.04	2.01	2.07	2.02
58 NATURAL GAS	0.00	0.00	0.00	0.00	0.00
59 NUCLEAR	0.00	0.00	0.00	0.00	0.00
60 OTHER	0.00	0.00	0.00	0.00	0.00
61 TOTAL (cents/KWH)	2.13	2.67	2.05	2.09	2.07

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
ACTUAL FOR THE PERIOD OF: APRIL 1998 THRU AUGUST 1998

	ACTUAL				
	APR. 98	MAY 98	JUNE 98	JULY 98	AUG. 98
HEAVY OIL					
1 PURCHASES:					
2 UNITS (BBL)	483	4,807	15,502	221,301	89,156
3 UNIT COST (\$/BBL)	(475.21)	17.37	19.33	16.01	15.42
4 AMOUNT (\$)	(229,527)	83,487	299,648	3,542,087	1,374,674
5 BURNED:					
6 UNITS (BBL)	11,127	57,481	87,268	103,182	80,004
7 UNIT COST (\$/BBL)	18.85	17.02	16.71	16.43	16.21
8 AMOUNT (\$)	209,790	978,506	1,458,034	1,695,765	1,296,498
9 ENDING INVENTORY:					
10 UNITS (BBL)	179,950	127,276	55,510	173,629	182,781
11 UNIT COST (\$/BBL)	16.42	16.28	16.68	16.03	15.72
12 AMOUNT (\$)	2,954,247	2,072,018	926,140	2,784,107	2,873,809
13 DAYS SUPPLY:	170	115	28	146	361
LIGHT OIL					
14 PURCHASES:					
15 UNITS (BBL)	42,306	34,464	42,977	85,886	45,894
16 UNIT COST (\$/BBL)	17.37	20.34	20.70	18.62	18.27
17 AMOUNT (\$)	735,033	701,105	889,816	1,226,622	838,595
18 BURNED:					
19 UNITS (BBL)	38,064	29,842	30,344	54,428	40,492
20 UNIT COST (\$/BBL)	21.05	21.11	20.74	20.16	19.11
21 AMOUNT (\$)	801,082	625,768	629,196	1,097,449	773,913
22 ENDING INVENTORY:					
23 UNITS (BBL)	83,406	76,863	79,277	75,596	66,611
24 UNIT COST (\$/BBL)	21.35	21.00	21.03	19.86	19.45
25 AMOUNT (\$)	1,780,550	1,614,861	1,666,823	1,501,464	1,295,527
26 DAYS SUPPLY: NORMAL	66	64	69	79	76
27 DAYS SUPPLY: EMERGENCY	12	11	11	11	10
COAL					
28 PURCHASES:					
29 UNITS (TONS)	575,002	972,293	802,388	690,493	725,431
30 UNIT COST (\$/TON)	41.78	39.39	42.06	41.26	45.03
31 AMOUNT (\$)	24,032,963	38,294,764	25,335,428	28,488,375	12,667,406
32 BURNED:					
33 UNITS (TONS)	619,012	656,690	814,673	776,009	764,021
34 UNIT COST (\$/TON)	42.69	40.56	41.41	41.68	43.79
35 AMOUNT (\$)	26,427,002	26,649,477	33,736,395	32,342,146	33,453,660
36 ENDING INVENTORY:					
37 UNITS (TONS)	588,519	904,116	691,829	605,313	567,723
38 UNIT COST (\$/TON)	41.27	39.98	40.65	40.76	42.83
39 AMOUNT (\$)	24,290,642	36,150,401	28,122,514	24,714,396	24,316,444
40 DAYS SUPPLY:	25	37	28	25	25
NATURAL GAS					
41 PURCHASES:					
42 UNITS (MCF)	0	0	0	0	0
43 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00
44 AMOUNT (\$)	0	0	0	0	0
45 BURNED:					
46 UNITS (MCF)	0	0	0	0	0
47 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00
48 AMOUNT (\$)	0	0	0	0	0
49 ENDING INVENTORY:					
50 UNITS (MCF)	0	0	0	0	0
51 UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00
52 AMOUNT (\$)	0	0	0	0	0
53 DAYS SUPPLY:	0	0	0	0	0
NUCLEAR					
54 BURNED:					
55 UNITS (MMSTU)	0	0	0	0	0
56 UNIT COST (\$/MMSTU)	0.00	0.00	0.00	0.00	0.00
57 AMOUNT (\$)	0	0	0	0	0
OTHER					
58 PURCHASES:					
59 UNITS (MMSTU)	0	0	0	0	0
60 UNIT COST (\$/MMSTU)	0.00	0.00	0.00	0.00	0.00
61 AMOUNT (\$)	0	0	0	0	0
62 BURNED:					
63 UNITS (MMSTU)	0	0	0	0	0
64 UNIT COST (\$/MMSTU)	0.00	0.00	0.00	0.00	0.00
65 AMOUNT (\$)	0	0	0	0	0
66 ENDING INVENTORY:					
67 UNITS (MMSTU)	0	0	0	0	0
68 UNIT COST (\$/MMSTU)	0.00	0.00	0.00	0.00	0.00
69 AMOUNT (\$)	0	0	0	0	0
70 DAYS SUPPLY:	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, INVENTORY AND/OR INVENTORY ADJUSTMENT ARE INCLUDED.

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: SEPTEMBER 1998 THRU DECEMBER 1998

	ESTIMATED				TOTAL
	SEPT. 98	OCT. 98	NOV. 98	DEC. 98	
HEAVY OIL					
1 PURCHASES:					
2 UNITS (BBL)	67,800	20,509	40,924	8,566	469,045
3 UNIT COST (\$/BBL)	15.29	15.59	15.77	16.27	15.38
4 AMOUNT (\$)	1,036,867	319,720	645,364	139,400	7,211,720
5 BURNED:					
6 UNITS (BBL)	67,800	20,509	40,924	8,566	476,861
7 UNIT COST (\$/BBL)	16.20	16.75	16.46	17.54	16.58
8 AMOUNT (\$)	1,098,390	343,609	673,595	150,264	7,904,453
9 ENDING INVENTORY:					
10 UNITS (BBL)	182,781	182,781	182,781	182,781	182,781
11 UNIT COST (\$/BBL)	15.42	15.42	15.45	15.48	15.48
12 AMOUNT (\$)	2,818,264	2,818,147	2,824,783	2,828,647	2,828,647
13 DAYS SUPPLY:	552	250	312	139	-
LIGHT OIL					
14 PURCHASES:					
15 UNITS (BBL)	47,299	41,542	37,367	38,079	395,814
16 UNIT COST (\$/BBL)	20.87	21.56	21.94	22.58	20.09
17 AMOUNT (\$)	986,992	895,543	819,933	859,944	7,953,583
18 BURNED:					
19 UNITS (BBL)	33,340	27,539	24,271	23,558	301,678
20 UNIT COST (\$/BBL)	20.00	20.77	21.07	21.79	20.52
21 AMOUNT (\$)	666,935	572,056	511,347	513,350	6,191,096
22 ENDING INVENTORY:					
23 UNITS (BBL)	66,611	66,611	66,611	66,611	66,611
24 UNIT COST (\$/BBL)	20.07	20.62	21.09	21.61	21.61
25 AMOUNT (\$)	1,336,709	1,373,211	1,405,007	1,439,542	1,439,542
26 DAYS SUPPLY: NORM	80	58	55	60	-
27 DAYS SUPPLY: EMER	10	10	10	10	-
COAL					
28 PURCHASES:					
29 UNITS (TONS)	511,003	813,640	644,840	691,641	6,227,129
30 UNIT COST (\$/TON)	46.93	42.97	43.28	43.77	42.71
31 AMOUNT (\$)	23,983,606	34,969,404	27,910,099	30,275,661	265,957,706
32 BURNED:					
33 UNITS (TONS)	706,504	696,725	580,024	667,200	6,300,864
34 UNIT COST (\$/TON)	45.64	44.55	44.02	44.88	43.21
35 AMOUNT (\$)	32,243,864	31,040,290	25,533,531	30,838,492	272,266,859
36 ENDING INVENTORY:					
37 UNITS (TONS)	399,788	516,883	581,699	586,140	586,140
38 UNIT COST (\$/TON)	44.56	43.07	43.14	42.71	42.71
39 AMOUNT (\$)	17,815,033	22,260,066	25,094,713	25,033,871	25,033,871
40 DAYS SUPPLY:	19	24	26	26	-
NATURAL GAS					
41 PURCHASES:					
42 UNITS (MMCF)	0	0	0	0	0
43 UNIT COST (\$/MMCF)	0.00	0.00	0.00	0.00	0.00
44 AMOUNT (\$)	0	0	0	0	0
45 BURNED:					
46 UNITS (MMCF)	0	0	0	0	0
47 UNIT COST (\$/MMCF)	0.00	0.00	0.00	0.00	0.00
48 AMOUNT (\$)	0	0	0	0	0
49 ENDING INVENTORY:					
50 UNITS (MMCF)	0	0	0	0	0
51 UNIT COST (\$/MMCF)	0.00	0.00	0.00	0.00	0.00
52 AMOUNT (\$)	0	0	0	0	0
53 DAYS SUPPLY:	0	0	0	0	-
NUCLEAR					
54 BURNED:					
55 UNITS (MMBTU)	0	0	0	0	0
56 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00
57 AMOUNT (\$)	0	0	0	0	0
OTHER					
58 PURCHASES:					
59 UNITS (MMBTU)	0	0	0	0	0
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00
61 AMOUNT (\$)	0	0	0	0	0
62 BURNED:					
63 UNITS (MMBTU)	0	0	0	0	0
64 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00
65 AMOUNT (\$)	0	0	0	0	0
66 ENDING INVENTORY:					
67 UNITS (MMBTU)	0	0	0	0	0
68 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00
69 AMOUNT (\$)	0	0	0	0	0
70 DAYS SUPPLY:	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, INVENTORY AND/OR INVENTORY ADJUSTMENT ARE INCLUDED.

POWER BOLD
TAMPA ELECTRIC COMPANY
ACTUAL/ESTIMATED FOR THE PERIOD OF: APRIL 1988 THRU DECEMBER 1988

SCHEDULE (B)
PAGE 1 OF 2

(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/kWh		(8) TOTAL \$ FOR FUEL ADJUSTMENT (6)(7A)	(9) TOTAL COST \$ (6)(7B)	(10) % GAIN OR ECONOMY ENERGY SALES
						(A) FUEL COST	(B) TOTAL COST			
ACTUAL	VARIOUS	ECON.	94,397.0	0.0	94,397.0	1.552	1.971	1,484,805.75	1,880,333.85	316,582.32
Apr 88	VARIOUS	JURISO SCH -D	5,895.0	10.4	5,884.6	1.488	1.488	83,331.85	83,331.85	
	VARIOUS	SEPARATED SCH -D	28,807.0	0.0	28,807.0	1.455	1.862	419,214.51	487,435.78	
	VARIOUS	JURISO SCH -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED CONTRACT	9,252.0	0.0	9,252.0	2.378	3.036	218,844.17	280,923.21	
	FMPA	SCH -D	81,115.0	44,481.0	18,884.0	1.778	1.753	298,016.79	282,154.68	
	VARIOUS	JURISO SCH -J	5,471.0	0.0	5,471.0	2.397	2.397	131,134.07	131,134.07	
	LESS TRANSMISSION COSTS							(48,571.18)		
	LESS VARIABLE O & M COSTS							(158,880.22)		
	PLUS 80% OF ECON. PROFITS								316,582.32	
TOTAL			204,737.0	44,481.4	180,275.6	1.700	1.958	2,725,298.08	3,135,313.22	
ACTUAL	VARIOUS	ECON.	31,888.0	0.0	31,888.0	1.583	1.914	499,915.32	612,355.30	88,951.80
May 88	VARIOUS	JURISO SCH -D	5,378.0	834.1	4,543.9	1.435	1.435	65,179.88	85,179.88	
	VARIOUS	SEPARATED SCH -D	30,758.0	0.0	30,758.0	1.448	1.882	445,345.78	617,385.31	
	VARIOUS	JURISO SCH -G	75.0	0.0	75.0	3.915	3.915	2,935.88	2,935.88	
	HPP	SEPARATED CONTRACT	30,080.0	0.0	30,080.0	1.585	2.248	479,465.28	675,872.28	
	FMPA	SCH -D	83,240.0	83,240.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISO SCH -J	7,220.0	0.0	7,220.0	2.309	2.309	168,743.22	168,743.22	
	LESS TRANSMISSION COSTS							(18,310.82)		
	LESS VARIABLE O & M COSTS							(53,124.38)		
	PLUS 80% OF ECON. PROFITS								88,951.80	
TOTAL			188,715.0	84,074.1	104,640.9	1.808	1.980	1,880,101.84	2,040,471.87	
ACTUAL	VARIOUS	ECON.	75,313.0	0.0	75,313.0	2.087	2.371	1,558,884.87	5,551,053.65	3,195,484.84
June 88	VARIOUS	JURISO SCH -D	4,578.0	234.0	4,344.0	1.832	1.832	70,821.78	70,821.78	
	VARIOUS	SEPARATED SCH -D	34,510.0	0.0	34,510.0	1.555	1.814	538,581.42	826,037.18	
	VARIOUS	JURISO SCH -G	0.0	0.0	0.0	0.000	0.000	(28.81)	(28.81)	
	HPP	SEPARATED CONTRACT	85,815.0	0.0	85,815.0	2.125	2.731	1,401,001.25	1,800,170.95	
	FMPA	SCH -D	81,200.0	81,200.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISO SCH -J	12,848.0	0.0	12,848.0	2.340	2.340	302,841.72	302,841.72	
	LESS TRANSMISSION COSTS							(17,778.80)		
	LESS VARIABLE O & M COSTS							(107,798.80)		
	PLUS 80% OF ECON. PROFITS								3,195,484.84	
TOTAL			254,483.0	81,434.0	183,029.0	3.584	4.328	6,838,020.87	8,351,088.87	
ACTUAL	VARIOUS	ECON.	49,078.0	0.0	49,078.0	2.194	4.712	1,077,018.04	2,312,421.79	888,324.89
July 88	VARIOUS	JURISO SCH -D	5,145.0	432.1	4,712.9	2.238	2.238	105,458.42	105,458.42	
	VARIOUS	SEPARATED SCH -D	35,897.0	0.0	35,897.0	1.574	1.818	561,880.80	648,965.70	
	VARIOUS	JURISO SCH -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED CONTRACT	82,838.0	0.0	82,838.0	1.989	2.654	1,258,312.54	1,870,670.58	
	FMPA	SCH -D	83,240.0	83,240.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISO SCH -J	13,989.0	0.0	13,989.0	2.305	2.305	321,974.13	321,974.13	
	LESS TRANSMISSION COSTS							(23,851.22)		
	LESS VARIABLE O & M COSTS							(88,882.53)		
	PLUS 80% OF ECON. PROFITS								888,324.89	
TOTAL			230,088.0	83,672.1	166,395.9	2.538	3.041	4,222,720.87	5,059,488.42	
ACTUAL	VARIOUS	ECON.	39,728.0	0.0	39,728.0	2.135	2.858	848,082.85	1,134,437.73	229,078.08
Aug 88	VARIOUS	JURISO SCH -D	5,883.0	573.9	5,109.1	2.481	2.481	125,738.88	125,738.88	
	VARIOUS	SEPARATED SCH -D	34,814.0	0.0	34,814.0	1.570	1.808	543,378.40	625,170.54	
	VARIOUS	JURISO SCH -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED CONTRACT	55,054.0	0.0	55,054.0	2.001	2.833	1,101,472.88	1,449,728.18	
	FMPA	SCH -D	83,320.0	83,320.0	80.0	5.385	5.385	4,315.85	4,315.85	
	VARIOUS	JURISO SCH -J	13,751.0	0.0	13,751.0	2.482	2.482	342,872.80	342,872.80	
	LESS TRANSMISSION COSTS							(18,148.90)		
	LESS VARIABLE O & M COSTS							(57,908.20)		
	PLUS 80% OF ECON. PROFITS								229,078.08	
TOTAL			212,148.0	83,813.9	148,334.1	2.102	2.482	3,118,082.86	3,882,064.54	

POWER SOLD
TAMPA ELECTRIC COMPANY
ACTUAL/ESTIMATED FOR THE PERIOD OF: APRIL 1998 THRU DECEMBER 1998

SCHEDULE #8
PAGE 3 OF 3

(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/kWh		(8) TOTAL \$ FOR FUEL ADJUSTMENT (\$)(X)(7A)	(9) TOTAL COST \$ (\$)(X)(7B)	(10) 80% GAIN ON ECONOMY ENERGY SALES
						(A) FUEL COST	(B) TOTAL COST			
ESTIMATED	VARIOUS	ECON.	18,814.0	0.0	18,814.0	1.475	1.887	274,800.00	351,200.00	81,280.00
Sept. 98	VARIOUS	JURISO. SCH. -D	5,740.0	0.0	5,740.0	1.798	1.798	103,200.00	103,200.00	
	VARIOUS	SEPARATED SCH. -D	30,485.0	0.0	30,485.0	1.509	1.758	459,900.00	535,900.00	
	VARIOUS	JURISO. SCH. -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED CONTRACT	48,100.0	0.0	48,100.0	2.085	4.414	981,100.00	2,034,700.00	
	FMPA	SCH. -D	81,200.0	81,200.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISO. SCH. -J	5,798.0	0.0	5,798.0	2.414	2.414	139,000.00	139,000.00	
		LESS TRANSMISSION COSTS						(23,200.00)		
		LESS VARIABLE O & M COSTS						(31,100.00)		
		PLUS 80% OF ECON. PROFITS								
TOTAL			187,898.0	81,200.0	106,698.0	1.823	2.985	1,944,780.00	3,183,900.00	
ESTIMATED	VARIOUS	ECON.	119,907.0	0.0	119,907.0	1.414	1.971	1,695,900.00	2,383,700.00	534,560.00
Oct. 98	VARIOUS	JURISO. SCH. -D	5,784.0	0.0	5,784.0	1.824	1.824	83,800.00	83,800.00	
	VARIOUS	SEPARATED SCH. -D	31,275.0	0.0	31,275.0	1.478	1.725	462,200.00	536,400.00	
	VARIOUS	JURISO. SCH. -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED CONTRACT	3,127.0	0.0	3,127.0	2.280	4.808	71,300.00	144,100.00	
	FMPA	SCH. -D	83,240.0	83,240.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISO. SCH. -J	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
		LESS TRANSMISSION COSTS						(18,800.00)		
		LESS VARIABLE O & M COSTS						(200,200.00)		
		PLUS 80% OF ECON. PROFITS								
TOTAL			223,313.0	83,240.0	140,073.0	1.649	1.982	2,840,180.00	3,140,800.00	
ESTIMATED	VARIOUS	ECON.	74,534.0	0.0	74,534.0	1.478	1.955	1,100,300.00	1,458,800.00	285,200.00
Nov. 98	VARIOUS	JURISO. SCH. -D	5,881.0	0.0	5,881.0	1.804	1.804	80,800.00	80,800.00	
	VARIOUS	SEPARATED SCH. -D	29,827.0	0.0	29,827.0	1.488	1.734	444,800.00	518,600.00	
	VARIOUS	JURISO. SCH. -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED CONTRACT	1,100.0	0.0	1,100.0	2.318	4.855	25,500.00	51,200.00	
	FMPA	SCH. -D	81,200.0	81,200.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISO. SCH. -J	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
		LESS TRANSMISSION COSTS						(18,800.00)		
		LESS VARIABLE O & M COSTS						(124,500.00)		
		PLUS 80% OF ECON. PROFITS								
TOTAL			172,422.0	81,200.0	111,222.0	1.623	1.904	1,805,100.00	2,117,600.00	
ESTIMATED	VARIOUS	ECON.	219,491.0	0.0	219,491.0	1.448	1.882	3,178,100.00	4,153,800.00	780,400.00
Dec. 98	VARIOUS	JURISO. SCH. -D	5,875.0	0.0	5,875.0	1.596	1.596	90,800.00	80,800.00	
	VARIOUS	SEPARATED SCH. -D	31,122.0	0.0	31,122.0	1.484	1.732	461,800.00	539,100.00	
	VARIOUS	JURISO. SCH. -G	0.0	0.0	0.0	0.000	0.000	0.00	0.00	
	HPP	SEPARATED CONTRACT	25,800.0	0.0	25,800.0	2.327	4.858	595,700.00	1,191,900.00	
	FMPA	SCH. -D	70,920.0	70,920.0	0.0	0.000	0.000	0.00	0.00	
	VARIOUS	JURISO. SCH. -J	3,455.0	0.0	3,455.0	1.745	1.745	60,300.00	80,300.00	
		LESS TRANSMISSION COSTS						(18,800.00)		
		LESS VARIABLE O & M COSTS						(268,900.00)		
		PLUS 80% OF ECON. PROFITS								
TOTAL			358,293.0	70,920.0	288,343.0	1.678	2.115	4,783,700.00	6,035,900.00	
Apr. 98	VARIOUS	ECON.	723,047.0	0.0	723,047.0	1.617	2.738	11,694,814.73	19,795,902.12	6,480,889.90
THRU	VARIOUS	JURISO. SCH. -D	49,318.0	2,084.5	47,233.5	1.755	1.755	828,829.39	828,829.39	
Dec. 98	VARIOUS	SEPARATED SCH. -D	287,195.0	0.0	287,195.0	1.509	1.754	4,335,101.01	5,038,094.49	
	VARIOUS	JURISO. SCH. -G	75.0	0.0	75.0	3.879	3.879	2,909.27	2,909.27	
	HPP	SEPARATED CONTRACT	299,146.0	0.0	299,146.0	2.644	3.109	6,113,896.10	8,299,264.98	
	FMPA	SCH. -D	588,875.0	588,875.0	16,744.0	1.794	1.771	300,332.84	298,470.53	
	VARIOUS	JURISO. SCH. -J	82,571.0	0.0	82,571.0	2.341	2.341	1,484,785.74	1,484,785.74	
		LESS TRANSMISSION COSTS						(189,059.00)		
		LESS VARIABLE O & M COSTS						(1,164,285.14)		
		PLUS 80% OF ECON. PROFITS								
TOTAL			1,990,027.0	594,015.5	1,436,011.5	2.079	2.558	29,857,974.84	38,728,238.52	

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

SCHEDULE E7

ACTUAL/ESTIMATED FOR THE PERIOD OF: APRIL 1998 THRU DECEMBER 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.	14,953.0	0.0	417.9	14,535.1	3.270	3.270	475,313.50
APR. 98	HPP	IPP	4,081.0	0.0	0.0	4,081.0	(8.850)	(8.850)	(279,535.57)
	PECO	OTHER	37,915.0	37,915.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	6,536.0	6,536.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	63,485.0	44,451.0	417.9	18,616.1	1.052	1.052	196,777.93
ACTUAL	VARIOUS	EMER.	77,120.0	0.0	29,204.2	47,915.8	4.339	4.339	2,079,138.84
MAY 98	HPP	IPP	53,794.0	0.0	0.0	53,794.0	3.938	3.938	2,118,290.41
	PECO	OTHER	39,215.0	39,215.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	24,025.0	24,025.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	194,154.0	63,240.0	29,204.2	101,709.8	4.127	4.127	4,197,429.25
ACTUAL	VARIOUS	EMER.	13,561.0	0.0	6,833.7	6,727.3	11.215	11.215	754,443.22
JUNE 98	HPP	IPP	104,155.0	0.0	0.0	104,155.0	2.808	2.810	2,716,878.58
	PECO	OTHER	37,950.0	37,950.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	23,250.0	23,250.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	178,916.0	61,200.0	6,833.7	110,882.3	3.131	3.160	3,471,321.80
ACTUAL	VARIOUS	EMER.	38,283.0	0.0	16,603.1	21,679.9	3.651	3.651	791,560.96
JULY 98	HPP	IPP	119,547.0	0.0	0.0	119,547.0	3.006	3.007	3,593,539.11
	PECO	OTHER	39,215.0	39,215.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	24,025.0	24,025.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	221,070.0	63,240.0	16,603.1	141,226.9	3.105	3.114	4,385,100.07
ACTUAL	VARIOUS	EMER.	52,633.0	0.0	17,569.8	35,063.2	3.717	3.717	1,303,301.48
AUG. 98	HPP	IPP	104,644.0	0.0	0.0	104,644.0	2.510	2.511	2,626,436.83
	PECO	OTHER	39,215.0	39,215.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	24,025.0	24,025.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	220,517.0	63,240.0	17,569.8	139,707.2	2.813	2.813	3,929,738.31
ESTIMATED	VARIOUS	EMER.	17,756.0	0.0	10,255.0	7,501.0	9.549	9.549	716,300.00
SEPT. 98	HPP	IPP	68,018.0	0.0	0.0	68,018.0	3.012	3.012	2,048,800.00
	PECO	OTHER	37,950.0	37,950.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	23,250.0	23,250.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	146,974.0	61,200.0	10,255.0	75,519.0	3.661	3.661	2,765,100.00
ESTIMATED	VARIOUS	EMER.	2,972.0	0.0	1,987.0	965.0	9.543	9.543	94,000.00
OCT. 98	HPP	IPP	13,602.0	0.0	0.0	13,602.0	3.703	3.703	503,700.00
	PECC	OTHER	39,215.0	39,215.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	24,025.0	24,025.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	79,814.0	63,240.0	1,987.0	14,567.0	4.097	4.097	597,700.00
ESTIMATED	VARIOUS	EMER.	8,489.0	0.0	4,848.0	3,621.0	9.550	9.550	345,800.00
NOV. 98	HPP	IPP	10,279.0	0.0	0.0	10,279.0	4.562	4.562	468,900.00
	PECO	OTHER	37,950.0	37,950.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	23,250.0	23,250.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	79,948.0	61,200.0	4,848.0	13,900.0	5.861	5.861	814,700.00
ESTIMATED	VARIOUS	EMER.	759.0	0.0	455.0	304.0	9.539	9.539	29,000.00
DEC. 98	HPP	IPP	7,152.0	0.0	0.0	7,152.0	5.070	5.070	362,600.00
	PECO	OTHER	39,215.0	39,215.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	31,705.0	31,705.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	78,831.0	70,920.0	455.0	7,456.0	5.252	5.252	391,600.00
APR. 98	VARIOUS	EMER.	226,508.0	0.0	88,173.7	138,332.3	4.763	4.763	6,568,858.00
THRU	HPP	IPP	485,272.0	0.0	0.0	485,272.0	2.918	2.918	14,159,609.36
DEC. 98	PECO	OTHER	347,840.0	347,840.0	0.0	0.0	0.000	0.000	0.00
	FPC	OTHER	204,091.0	204,091.0	0.0	0.0	0.000	0.000	0.00
TOTAL		-	1,263,709.0	551,931.0	88,173.7	623,604.3	3.327	3.327	20,748,467.36

**ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
ACTUAL/ESTIMATED FOR THE PERIOD OF: APRIL 1998 THRU DECEMBER 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	APR. 98	
ACTUAL	MAY 98	VARIOUS CO-GEN.	40,400.0	0.0	251.0	40,149.0	1.785	1.785	716,549.69
ACTUAL	JUNE 98	VARIOUS CO-GEN.	38,741.0	0.0	728.7	38,012.3	1.809	1.809	687,723.49
ACTUAL	JULY 98	VARIOUS CO-GEN.	38,608.0	0.0	1,170.0	37,438.0	1.874	1.874	701,718.71
ACTUAL	AUG. 98	VARIOUS CO-GEN.	41,946.0	0.0	594.0	41,352.0	1.935	1.935	799,978.20
ESTIMATED	SEPT. 98	VARIOUS CO-GEN.	39,973.0	0.0	0.0	39,973.0	1.878	1.878	750,600.00
ESTIMATED	OCT. 98	VARIOUS CO-GEN.	38,912.0	0.0	0.0	38,912.0	1.560	1.560	606,900.00
ESTIMATED	NOV. 98	VARIOUS CO-GEN.	38,045.0	0.0	0.0	38,045.0	1.693	1.693	644,000.00
ESTIMATED	DEC. 98	VARIOUS CO-GEN.	38,569.0	0.0	0.0	38,569.0	1.529	1.529	589,700.00
TOTAL			355,142.0	0.0	2,749.7	352,392.3	1.741	1.741	6,135,494.82

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ECONOMY ENERGY PURCHASES
 TAMPA ELECTRIC COMPANY
 ACTUAL/ESTIMATED FOR THE PERIOD OF: APRIL 1998 THRU DECEMBER 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	APR. 98	VARIOUS	ECON.	466.0	2.839	13,228.17	2.982	13,895.91	667.74
ACTUAL	MAY 98	VARIOUS	ECON.	1,528.0	3.060	46,750.95	3.477	53,121.86	6,370.91
ACTUAL	JUNE 98	VARIOUS	ECON.	257.0	3.434	8,826.34	4.206	10,809.61	1,983.27
ACTUAL	JULY 98	VARIOUS	ECON.	1,440.0	3.134	45,128.39	3.594	51,760.09	6,631.70
ACTUAL	AUG. 98	VARIOUS	ECON.	2,032.0	2.396	48,680.35	3.459	70,287.86	21,607.51
ESTIMATED	SEPT. 98	VARIOUS	ECON.	8,692.0	4.026	349,900.00	4.857	422,200.00	72,300.00
ESTIMATED	OCT. 98	VARIOUS	ECON.	1,103.0	4.016	44,300.00	4.760	52,500.00	8,200.00
ESTIMATED	NOV. 98	VARIOUS	ECON.	2,206.0	4.116	90,800.00	4.878	107,600.00	16,800.00
ESTIMATED	DEC. 98	VARIOUS	ECON.	311.0	3.698	11,500.00	4.341	13,500.00	2,000.00
TOTAL				18,035.0	3.655	659,114.20	4.412	795,675.33	136,561.13

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY

SCHEDULE H1

PERIOD OF: JANUARY THRU DECEMBER
ACTUAL 1996 ACTUAL 1997 ACT/EST 1998 EST 1999

DIFFERENCE (%) FROM PRIOR PERIOD
1996/97% 1997/98% 1998/99%

	ACTUAL 1996	ACTUAL 1997	ACT/EST 1998	EST 1999	1996/97%	1997/98%	1998/99%
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL	7,582,796	7,878,252	8,147,777	11,166,119	4.2%	3.4%	37.0%
2 LIGHT OIL	6,912,093	8,351,407	7,127,982	8,406,834	20.8%	-14.6%	17.9%
3 COAL	362,156,906	349,167,754	354,835,342	357,834,020	-3.6%	1.6%	0.8%
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 (\$)	376,631,795	365,397,413	370,111,101	377,406,973	-3.0%	1.3%	2.0%
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL	181,865	188,185	218,256	284,835	3.5%	16.0%	30.5%
9 LIGHT OIL	162,399	202,323	191,744	213,224	24.6%	-5.2%	11.2%
10 COAL	17,716,563	17,343,420	17,473,854	17,451,263	-2.1%	0.8%	-0.1%
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)	18,060,827	17,733,928	17,883,854	17,949,322	-1.8%	0.8%	0.4%
UNITS OF FUEL BURNED							
15 HEAVY OIL (BBL)	414,760	423,518	469,412	670,881	2.1%	15.6%	37.1%
16 LIGHT OIL (BBL)	256,413	319,057	341,005	371,883	24.4%	6.9%	9.1%
17 COAL (TON)	7,970,647	8,130,607	8,212,943	8,114,990	2.0%	1.0%	-1.2%
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	2,613,829	2,676,725	3,090,490	4,240,626	2.4%	15.5%	37.2%
22 LIGHT OIL	1,493,157	1,863,485	1,973,634	2,157,062	24.8%	5.9%	9.3%
23 COAL	184,764,801	184,048,011	183,618,648	181,245,513	-0.4%	-0.2%	-1.3%
24 NATURAL GAS	0	0	0	0	0.0%	0.0%	0.0%
25 NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
26 OTHER	0	0	0	0	0.0%	0.0%	0.0%
27 TOTAL (MMBTU)	188,871,787	188,588,221	188,682,972	187,643,201	-0.2%	0.1%	-0.6%
GENERATION MIX (% MWH)							
28 HEAVY OIL	1.01	1.06	1.22	1.59	-	-	-
29 LIGHT OIL	0.90	1.14	1.07	1.19	-	-	-
30 COAL	98.09	97.80	97.71	97.22	-	-	-
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)	18.23	18.60	16.65	16.64	2.0%	-10.5%	-0.1%
36 LIGHT OIL (\$/BBL)	26.96	26.18	20.90	22.61	-2.9%	-20.2%	8.2%
37 COAL (\$/TON)	45.44	42.94	43.20	44.10	-5.5%	0.6%	2.1%
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	2.89	2.94	2.64	2.63	1.7%	-10.2%	-0.4%
42 LIGHT OIL	4.63	4.48	3.61	3.90	-3.2%	-19.4%	8.0%
43 COAL	1.96	1.90	1.93	1.97	-3.1%	1.6%	2.1%
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)	1.99	1.94	1.96	2.01	-2.5%	1.0%	2.6%
BTU BURNED PER KWH (BTU/KWH)							
48 HEAVY OIL	14,372	14,224	14,160	14,888	-1.0%	-0.4%	5.1%
49 LIGHT OIL	9,194	9,210	10,293	10,116	0.2%	11.8%	-1.7%
50 COAL	10,429	10,612	10,508	10,386	1.8%	-1.0%	-1.2%
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)	10,458	10,634	10,550	10,454	1.7%	-0.8%	-0.9%
GENERATED FUEL COST PER KWH (cents/KWH)							
55 HEAVY OIL	4.18	4.19	3.73	3.92	0.7%	-11.0%	5.1%
56 LIGHT OIL	4.26	4.13	3.72	3.94	-3.1%	-8.9%	5.9%
57 COAL	2.04	2.01	2.03	2.05	-1.5%	1.0%	1.0%
58 NATURAL GAS	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
59 NUCLEAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
60 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
61 TOTAL (cents/KWH)	2.09	2.06	2.07	2.10	-1.4%	0.5%	1.4%

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

Tampa Electric Company
Fuel Group Adjustment Factors For Variation In Losses

Line No.		1997 Actual Sales in MWh (1)	Expansion Factor (2)	Generation in MWh (3)	Loss Factor (4)	Fuel Recovery Loss Multiplier (5)
1	Group A					
2	RS	6,392,399		6,790,625		
	GS & TS	856,276		909,619		
3	Group A1					
	SL & OL	147,218		156,389		
4	Total	7,395,893	1.0622967	7,856,633	0.9413566	1.0071
5	Group B					
6	GSD	3,987,533		4,231,728		
	GSLD & SBF	1,671,142		1,746,700		
7	Total	5,658,675	1.0565067	5,978,428	0.9465155	1.0016
8	Group C					
	IS & SBI	1,927,984	1.0212113	1,968,879	0.9792293	0.9681
11	Total Retail	14,982,552	1.0548230	15,603,940	0.9480264	1.0000

FPSC Jurisdictional Loss Multiplier

Line No.		1997 Actual Sales in MWh (1)	Expansion Factor (2)	Generation in MWh (3)	Loss Factor (4)	Jurisdictional Loss Multiplier (5)
1	Total Retail	14,982,552	1.0548230	15,603,940	0.9480264	1.00068
2	Total FERC AR-1 Tariff	285,540	1.0166780	290,302	0.9835956	
3	Total System	15,268,092	1.0541096	16,094,242	0.9486680	

EXHIBIT NO. _____
DOCKET NO. 980001-EI
TAMPA ELECTRIC COMPANY
(KOZ-3)
SUBMITTED FOR FILING 10/05/98

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY
PROJECTED
JANUARY 1999 - DECEMBER 1999**

TAMPA ELECTRIC COMPANY
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
 JANUARY 1999 THROUGH DECEMBER 1999

	(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	52.72%	7,046,663	1,526	1.06163	1.06230	7,485,649	1,620	44.34%	59.52%
GS,TS	63.02%	951,385	172	1.06190	1.06230	1,010,653	183	5.99%	6.72%
GSD, EV-X	78.24%	4,303,305	628	1.06033	1.06124	4,566,839	666	27.06%	24.47%
GSLD,SBF	86.13%	1,779,258	236	1.04515	1.04521	1,859,703	247	11.02%	9.07%
IS-1&3,SBI-1&3	N/A	1,742,961	N/A	N/A	1.02121	1,779,931	0	10.54%	0.00%
SL/OL	329.52%	166,532	6	1.05882	1.06230	176,906	6	1.05%	0.22%
TOTAL		15,990,103	2,568			16,879,681	2,722	100.00%	100.00%

(1) AVG 12 CP load factor based on actual 1997 calendar data.

(2) Projected mWh sales for the period Jan. 1999 through Dec. 1999.

(3) Calculated: Col(2)/(8760*Col(1)).

(4) Based on 1997 demand losses.

(5) Based on 1997 energy losses.

(6) Col(2)*Col(5)

(7) Col(3)*Col(4)

(8) Col(6) / total for Col(6).

(9) Col(7) / total for Col(7).

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

TAMPA ELECTRIC COMPANY
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
 JANUARY 1988 THROUGH DECEMBER 1988

	PROJECTED												TOTAL
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1. UNIT POWER CAPACITY CHARGES	\$1,088,800	\$1,088,800	\$1,088,800	\$1,088,800	\$1,088,800	\$1,088,800	\$1,088,800	\$1,088,800	\$1,088,800	\$1,088,800	\$1,088,800	\$1,088,800	\$13,186,800
2. CAPACITY PAYMENTS TO COGENERATORS	1,330,400	1,300,800	1,330,400	1,364,700	848,800	889,700	890,700	890,700	890,700	890,700	890,700	890,700	12,483,800
3. (UNIT POWER CAPACITY REVENUES)	(81,700)	(79,800)	(80,100)	(82,800)	(81,700)	(148,700)	(148,000)	(141,000)	(148,800)	(80,800)	(81,800)	(80,500)	(1,228,800)
4. SYSTEM TOTAL	\$2,348,800	\$2,308,800	\$2,308,800	\$2,381,700	\$1,863,800	\$1,843,800	\$1,804,800	\$1,808,800	\$1,804,800	\$1,898,700	\$1,898,800	\$1,879,000	\$24,138,800
5. JURISDICTIONAL PERCENTAGE	98.19821%	98.19821%	98.19821%	98.19821%	98.19821%	98.19821%	98.19821%	98.19821%	98.19821%	98.19821%	98.19821%	98.19821%	
6. JURISDICTIONAL CAPACITY PAYMENTS	\$2,308,236	\$2,278,838	\$2,307,867	\$2,338,738	\$1,830,181	\$1,810,640	\$1,772,048	\$1,778,909	\$1,771,480	\$1,808,875	\$1,835,091	\$1,838,387	\$23,790,442
7. ACTUAL ESTIMATED TRUE-UP FOR THE PERIOD APRIL 1988 - DEC 1988 OVER(UNDER) RECOVERY													1,192,864
8. TOTAL													\$24,983,306
8. REVENUE TAX FACTOR													1.00883
10. TOTAL RECOVERABLE CAPACITY PAYMENTS													\$24,871,732

CALCULATION OF JURISDICTIONAL %

	1987 AVG 12 CP MW	%
FPSC	18,803.8	98.19821%
FERC	290.3	1.80179%
TOTAL	19,094.1	100.00000%

EXHIBIT NO. _____
 DOCKET NO. T8808-18
 TAMPA ELECTRIC COMPANY
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TAMPA ELECTRIC COMPANY
 CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
 JANUARY 1999 THROUGH DECEMBER 1999

RATE CLASS	(1) Percentage of Sales at Generation (%)	(2) Percentage of Demand at Generation (%)	(3) Energy Related Cost (\$)	(4) Demand Related Cost (\$)	(5) Total Capacity Costs (\$)	(6) Projected Sales at Meter (kwh)	(7) Capacity Recovery Factor (\$/kwh)
RS	44.34%	59.52%	848,063	13,665,254	14,513,317	7,046,662,881	0.00206
GS,TS	5.99%	6.72%	114,567	1,542,851	1,657,418	951,384,899	0.00174
GSD,EV-X	27.06%	24.47%	517,559	5,618,091	6,135,650	4,303,305,090	0.00143
GSLD,SBF	11.02%	9.07%	210,772	2,082,390	2,293,162	1,779,257,611	0.00129
IS-1&3,SBI-1&3	10.54%	0.00%	201,592	0	201,592	1,742,961,000	0.00012
SL/OL	1.05%	0.22%	20,083	50,510	70,593	166,532,000	0.00042
					24,871,732		
TOTAL	100.00%	100.00%	1,912,636	22,959,096	24,871,732	15,990,103,481	0.00156
			7.69% *	92.31% *			

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

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 DOCKET NO. 980001-EI
 TAMPA ELECTRIC COMPANY
 (KOZ-3)
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TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/PROJECTED TRUE-UP AMOUNT

	ACTUAL APRIL 1998	ACTUAL MAY 1998	ACTUAL JUNE 1998	ACTUAL JULY 1998	ACTUAL AUG. 1998	PROJECTED SEPT. 1998	PROJECTED OCT. 1998	PROJECTED NOV. 1998	PROJECTED DEC. 1998	TOTAL
1. UNIT POWER CAPACITY CHARGES	\$1,116,918	\$1,124,117	\$1,116,918	\$1,116,918	\$1,116,918	\$1,068,500	\$1,068,500	\$1,068,500	\$1,068,500	\$9,965,789
2. CAPACITY PAYMENTS TO COGENERATORS	1,079,850	1,079,850	1,079,850	1,079,850	1,079,850	1,115,500	1,115,500	1,115,500	1,115,500	9,860,250
3. (UNIT POWER CAPACITY REVENUES)	(150,129)	(136,208)	(97,717)	(101,859)	(138,133)	(133,000)	(107,100)	(106,500)	(147,500)	(1,117,943)
4. TOTAL CAPACITY CHARGES - CURRENT PERIOD	\$2,046,439	\$2,067,562	\$2,094,851	\$2,094,859	\$2,059,435	\$2,081,000	\$2,106,900	\$2,107,500	\$2,086,500	\$18,729,096
5. JURISDICTIONAL PERCENTAGE	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	98.46438%	-
6. JURISDICTIONAL CAPACITY PAYMENTS	\$2,015,013	\$2,035,912	\$2,066,821	\$2,062,739	\$2,029,825	\$2,049,044	\$2,074,546	\$2,075,137	\$2,034,768	\$18,440,503
7. CAPACITY COST RECOVERY REVENUES (NET OF REVENUE TAXES)	\$1,641,778	\$1,738,759	\$2,257,278	\$2,416,453	\$2,263,755	\$2,286,103	\$1,978,358	\$1,865,818	\$1,898,582	\$17,944,894
8. PRIOR PERIOD TRUE-UP PROVISION	(49,797)	(49,797)	(49,797)	(49,797)	(49,797)	(49,797)	8,252	8,252	8,252	(274,028)
9. CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (NET OF REVENUE TAXES)	\$1,591,981	\$1,688,962	\$2,207,481	\$2,366,656	\$2,213,958	\$2,236,306	\$1,986,810	\$1,873,870	\$1,704,844	\$17,670,868
10. TRUE-UP PROVISION FOR MONTH - OVER(UNDER) RECOVERY (LINE 9 - LINE 6)	(\$423,032)	(\$348,850)	\$140,860	\$303,917	\$187,133	\$187,262	(\$87,938)	(\$401,267)	(\$329,922)	(\$769,835)
11. INTEREST PROVISION FOR MONTH	(3,848)	(5,389)	(5,895)	(4,481)	(3,188)	(2,815)	(1,897)	(2,853)	(4,588)	(33,682)
12. TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH - OVER(UNDER) RECOVERY	(298,782)	(875,863)	(978,305)	(793,343)	(444,110)	(210,288)	24,758	(73,129)	(488,511)	(298,752)
13. DEFERRED TRUE-UP - OVER(UNDER) RECOVERY	(347,147)	(347,147)	(347,147)	(347,147)	(347,147)	(347,147)	(347,147)	(347,147)	(347,147)	(3,471,471)
14. PRIOR PERIOD TRUE-UP PROVISION - COLLECTED(REFUNDED) THIS MONTH	49,797	49,797	49,797	49,797	49,797	49,797	(8,252)	(8,252)	(8,252)	274,028
15. END OF PERIOD TRUE-UP - OVER(UNDER) RECOVERY (SUM OF LINES 10 - 14)	(\$1,023,010)	(\$1,325,452)	(\$1,140,490)	(\$791,257)	(\$557,436)	(\$322,391)	(\$420,278)	(\$832,859)	(\$1,175,420)	(\$1,150,864)

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

	ACTUAL APRIL 1998	ACTUAL MAY 1998	ACTUAL JUNE 1998	ACTUAL JULY 1998	ACTUAL AUG. 1998	PROJECTED SEPT. 1998	PROJECTED OCT. 1998	PROJECTED NOV. 1998	PROJECTED DEC. 1998	TOTAL
1. BEGINNING TRUE-UP AMOUNT	(645,929)	(1,023,010)	(1,325,452)	(1,140,490)	(791,257)	(557,436)	(322,391)	(400,276)	(832,658)	N/A
2. ENDING TRUE-UP AMOUNT BEFORE INTEREST (LINES 1 + 2)	(1,019,164)	(1,320,063)	(1,134,795)	(788,776)	(554,327)	(320,376)	(418,579)	(829,795)	(1,170,832)	N/A
3. TOTAL BEGINNING & ENDING TRUE-UP AMOUNT (LINES 1 + 2)	(1,665,093)	(2,343,073)	(2,460,247)	(1,927,266)	(1,345,584)	(877,811)	(740,970)	(1,250,071)	(2,003,490)	N/A
4. AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(832,547)	(1,171,537)	(1,230,124)	(963,633)	(672,792)	(438,906)	(370,485)	(625,036)	(1,001,745)	N/A
5. INT. RATE % - FIRST DAY REP. BUS. MONTH	5.50	5.50	5.50	5.60	5.60	5.50	5.50	5.50	5.50	N/A
6. INT. RATE % - FIRST DAY SUBSEQUENT MONTH	5.50	5.50	5.60	5.50	5.50	5.50	5.50	5.50	5.50	N/A
7. TOTAL (LINE 5 + LINE 6)	11.00	11.00	11.10	11.10	11.00	11.00	11.00	11.00	11.00	N/A
8. AVERAGE INT. RATE % (50% OF LINE 7)	5.50	5.515	5.550	5.580	5.540	5.510	5.500	5.500	5.500	N/A
9. MONTHLY AVG. INT. RATE % (LINE 8/12)	0.462	0.460	0.463	0.465	0.462	0.459	0.458	0.458	0.458	N/A
10. INT. PROVISION (LINE 4 X LINE 9)	(33,846)	(5,309)	(5,695)	(4,481)	(3,108)	(2,015)	(1,697)	(2,863)	(4,588)	(333,682)

EXHIBIT NO. _____
DOCKET NO. 880001-EI
TAMPA ELECTRIC COMPANY
(KCC-3)
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