

MEMORANDUM

June 16, 1998

ORIGINAL

TO: DIVISION OF RECORDS AND REPORTING

FROM: DIVISION OF AUDITING AND FINANCIAL ANALYSIS (VANDIVER) *W*

RE: DOCKET NO. 980001-EI -- TAMPA ELECTRIC COMPANY  
 AUDIT REPORT - FUEL - 12 MONTHS ENDED MARCH 31, 1998  
 AUDIT CONTROL NO. 98-057-2-2

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The above-referenced audit report is forwarded. Audit exceptions document deviations from the Uniform System of Accounts, Commission rule or order, Staff Accounting Bulletin and generally accepted accounting principles. Audit disclosures show information that may influence the decision process.

The audit was prepared using a micro computer and has been recorded on one diskette. The diskette may be reviewed using IBM compatible equipment and LOTUS 1-2-3 software. There are no confidential working papers associated with this audit.

Please forward a complete copy of this audit report to:

Tampa Electric Company  
 Angela Llewellyn  
 P. O. Box 111  
 Tampa, FL 33601-0111

DNV/sp  
 Attachment

cc: Chairman Johnson  
 Commissioner Clark  
 Commissioner Deason  
 Commissioner Garcia  
 Commissioner Jacobs  
 Mary Andrews Bane, Deputy Executive Director/Technical  
 Legal Services  
 Division of Auditing and Financial Analysis (Devlin/Causseaux/  
 File Folder)  
 Division of Electric and Gas (Bohrman)  
 Tampa District Office (McPherson)

Research and Regulatory Review (Harvey)  
 Office of Public Counsel

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DOCUMENT NUMBER DATE  
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 FPSC-RECORDS/REPORTING

State of Florida

Commissioners:  
JULIA L. JOHNSON, CHAIRMAN  
J. TERRY DEASON  
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**Public Service Commission**

*DIVISION OF AUDITING AND FINANCIAL ANALYSIS  
BUREAU OF AUDITING*

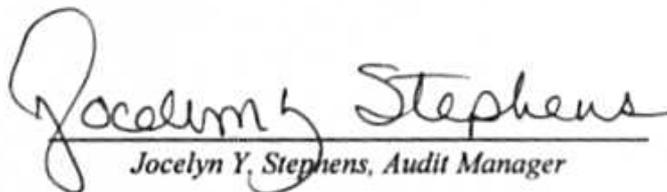
*Tampa District Office*

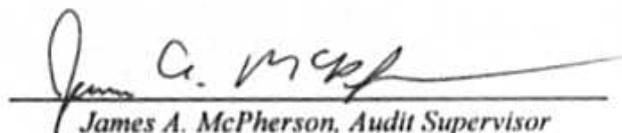
**TAMPA ELECTRIC COMPANY**

**FUEL CLAUSE AUDIT**

**12 MONTHS ENDED MARCH 31, 1998**

**DOCKET 980001-EI  
AUDIT CONTROL NO. 98-057-2-2**

  
*Jocelyn Y. Stephens, Audit Manager*

  
*James A. McPherson, Audit Supervisor*

DOCUMENT NUMBER-DATE

06462 JUN 18 88

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**DIVISION OF AUDITING AND FINANCIAL ANALYSIS  
AUDITOR'S REPORT**

**JUNE 11, 1998**

**TO: FLORIDA PUBLIC SERVICE COMMISSION AND OTHER INTERESTED PARTIES**

We have applied the procedures described later in this report to audit the accompanying Fuel Adjustment Clause exhibits for the two historical six-month periods ending September 30, 1997 and March 31, 1998, for Tampa Electric Company. These schedules were prepared by the utility as part of its petition for a Fuel Cost Factor Adjustment in Docket 980001-EI. There is no confidential information associated with this audit.

This is an internal accounting report prepared after performing a limited scope audit. Accordingly, this report should not be relied upon for any purpose except to assist the Commission staff in the performance of their duties. Substantial additional work would have to be performed to satisfy generally accepted auditing standards and produce audited financial statements for public use.

In our opinion, the schedules referred to above present fairly, in all material respects, the utility's books and records, maintained in conformity with the accounting practices prescribed by the Florida Public Service Commission.

## SUMMARY OF SIGNIFICANT PROCEDURES

Our audit was performed by examining, on a test basis, certain transactions and account balances which we believe are sufficient to base our opinion. Our examination did not entail a complete review of all financial transactions of the company. Our more important audit procedures are summarized below. The following definitions apply when used in the report:

**Scanned** - The documents or accounts were read quickly looking for obvious errors.

**Compiled** - The exhibit amounts were reconciled with the general ledger, and accounts were scanned for error or inconsistency.

**Verify** - The item was tested for accuracy, and substantiating documentation was examined.

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**Fuel Revenue:** Compiled general ledger revenue accounts 440.04, 442.04, 442.14, 442.24, 442.34, 444.03 and 443.05 on a monthly basis for the twelve month period and agreed to the Fuel Adjustment Recovery Filing (FAC). Tested a judgmental sample of customer bills to ensure the proper billing factor was being charged. Recomputed fuel revenues using FPSC approved rate factors and company provided KWH sales.

**Fuel Cost of System Net Generation:** Compiled applicable 501, 502, 547, and 548 accounts for recoverable fuel expense on a monthly basis for the twelve month period and agreed to the FAC. Verified judgementally selected fuel purchases to invoices and receiving reports. Traced total purchase costs to fuel inventory additions. Verified adjustments to Fuel Cost for wheeling losses pertaining to the cities of Ft. Meade and Wachula.

**Total Cost of Purchased Power:** Tested the filing schedules A6, A7, A8 and A9 by tracing to a judgmental sample of original invoices.

**True-up:** Compiled Fuel True-up. Agreed amounts to be collected for prior overrecovery to the amounts authorized by the FPSC. Agreed Generating Performance Incentive Factor (GPIF) to FPSC Order. Verified interest rates used by Utility. Recalculated amortization of Peabody Coal Buy-out, Fuel Credit Differential sales, and transmission dollars for Schedule C Economy sales. Recomputed amount for oil below the discharge valve. Traced amounts for Revenue Refund True up.

**Other :** Scanned the minutes of Tampa Electric Board of Director's meetings since the previous audit. Read the audit workpaper files on the outside audit of Tampa Electric Co. for the 12-month period ended 12-31-97. Performed analytical review procedures on unit prices and costs of generation. Recalculated and traced inventory adjustments to the general ledger. Verified that the inventory adjustments were used in determination of generating costs using coal.

COMPARISON OF ESTIMATED AND ACTUAL  
FUEL AND PURCHASED POWER COST RECOVERY FACTORS  
TAMP, ELECTRIC COMPANY  
PERIOD TO DATE THROUGH: SEPTEMBER, 1991

SCHEDULE 41

DESCRIPTION	1991		1990		1989		1988		1987		1986		1985	
	ACTUAL	ESTIMATED	DIFFERENCE	%	ACTUAL	ESTIMATED	DIFFERENCE	%	ACTUAL	ESTIMATED	DIFFERENCE	%	ACTUAL	ESTIMATED
1. Fuel Cost of System Net Generation (A2)	189,798,411	206,118,131	(16,319,720)	(8.4)	8,594,421	9,712,509	(1,118,088)	(12.9)	2,118,622	2,117,785	837	0.0	2,118,622	2,117,785
2. Special Fuel/Inert Fuel Disposal Cost	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
3. Coal Car Invention	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
4. Fuel Cost of Fuel Cost (Fuel/Inert/Inert/Inert/Inert)	(25,002)	(18,000)	(7,002)	(27.2)	8,594,421	9,712,509	(1,118,088)	(12.9)	2,118,622	2,117,785	837	0.0	2,118,622	2,117,785
5. Total Cost of System Net Generation (A2)	164,796,411	188,118,131	(23,321,720)	(14.2)	8,594,421	9,712,509	(1,118,088)	(12.9)	2,118,622	2,117,785	837	0.0	2,118,622	2,117,785
6. Fuel Cost of Purchased Power - Firm (A1)	19,451,557	11,282,488	8,169,069	72.5	516,477	365,711	150,766	41.2	2,76476	2,87279	(1,0503)	(37.9)	2,76476	2,87279
7. Energy Cost of Sub C.I. Economy Purchase (Industry) (A3)	2,429,848	1,142,208	1,287,640	109.2	81,125	71,572	9,553	13.3	2,28071	2,16178	1,1893	55.0	2,28071	2,16178
8. Energy Cost of Other Economy Purchase (Paper-Producer) (A3)	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
9. Energy Cost of Sub. E Economy Purchase (A3)	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
10. Capacity Cost of Sub. E Economy Purchase (A3)	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
11. Premiums to Qualifying Facilities (A3)	2,534,148	4,732,988	(2,198,840)	(86.2)	226,858	228,141	(1,283)	(0.6)	1,75415	2,82278	(1,06863)	(60.5)	1,75415	2,82278
12. Total Cost of Purchased Power (Lines 6 through 11)	28,885,546	17,188,188	11,697,358	68.0	821,488	621,699	199,789	32.0	2,22318	2,76563	(54245)	(24.3)	2,22318	2,76563
13. Total Available Firm (Line 5 + Line 12)	193,681,957	205,306,319	(11,624,362)	(6.0)	9,415,909	10,334,208	(918,299)	(8.8)	4,341,940	4,884,352	(542,412)	(11.1)	4,341,940	4,884,352
14. Fuel Cost of Economy Sales (A4)	5,884,427	13,282,488	(7,398,061)	(56.1)	429,138	645,282	(216,144)	(49.2)	1,30864	1,58884	(280,220)	(17.6)	1,30864	1,58884
15. Sales on Economy Sales - Firm (A4)	617,295	1,175,448	(558,153)	(47.5)	429,138	645,282	(216,144)	(49.2)	1,30864	1,58884	(280,220)	(17.6)	1,30864	1,58884
16. Fuel Cost of Sub. 2 Super. Sales (A4)	3,251,123	2,214,188	1,036,935	46.4	268,237	221,272	46,965	21.2	1,28558	1,28558	0	0.0	1,28558	1,28558
17. Fuel Cost of Sub. 3 Super. Sales (A4)	261,578	785,888	(524,310)	(19.4)	22,575	68,128	(45,553)	(18.3)	1,87185	1,52725	344,600	(22.6)	1,87185	1,52725
18. Fuel Cost of Sub. 4 Super. Sales (A4)	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
19. Fuel Cost of Sub. 5 Super. Sales (A4)	459,152	79,888	379,264	47.5	21,988	1,864	19,724	105.2	2,87272	1,86548	1,00724	53.9	2,87272	1,86548
20. Fuel Cost of Sub. 6 Super. Sales (A4)	2,287,478	1,988,888	298,590	14.9	181,141	88,181	92,960	104.3	2,87272	1,71888	1,15384	67.0	2,87272	1,71888
21. Fuel Cost of Other Power Sales (A4)	2,812,282	2,517,588	294,694	11.7	281,282	171,284	109,998	63.6	1,43889	1,58154	(1,42265)	(89.9)	1,43889	1,58154
22. Total Fuel Cost and Sales of Power Sales (Line 14 + 15 + 16 + 17 + 18 + 19 + 20 + 21)	18,882,258	22,788,488	(3,906,230)	(20.7)	1,555,482	1,388,888	166,594	11.9	1,58771	1,71812	(1,13041)	(65.2)	1,58771	1,71812
23. Net Interchange Interchange	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
24. Net Interchange Interchange	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
25. Interchange and Fueling Losses	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
26. Total Fuel Cost and Sales of Power Sales (Line 22 + 23 + 24 + 25)	18,882,258	22,788,488	(3,906,230)	(20.7)	1,555,482	1,388,888	166,594	11.9	1,58771	1,71812	(1,13041)	(65.2)	1,58771	1,71812
27. Net Available (Line 13 + Line 26)	174,869,709	187,517,831	(12,648,122)	(7.2)	8,890,427	9,945,410	(1,054,983)	(10.7)	3,033,276	3,165,539	(132,263)	(4.2)	3,033,276	3,165,539
28. Total Fuel Cost and Sales of Power Sales (Line 26 + Line 27)	363,658,167	395,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
29. Jurisdictional Fuel Cost (Line 28)	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
30. Jurisdictional Sales Multiplier - 1.00013	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
31. Jurisdictional Fuel Cost (Line 29)	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
32. Jurisdictional Sales Multiplier - 1.00013	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
33. Jurisdictional Fuel Cost (Line 31)	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
34. Jurisdictional Fuel Cost (Line 32)	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
35. Fuel Cost Differential - Fuel Cost (Line 33) - Fuel Cost (Line 34)	(0)	(0)	(0)	(0.0)	(0)	(0)	(0)	(0.0)	(0)	(0)	(0)	(0.0)	(0)	(0)
36. Fuel Cost Differential - Fuel Cost (Line 33) - Fuel Cost (Line 35)	(0)	(0)	(0)	(0.0)	(0)	(0)	(0)	(0.0)	(0)	(0)	(0)	(0.0)	(0)	(0)
37. Total Fuel Cost (Line 33 + Line 34 + Line 35 + Line 36)	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
38. Total Jurisdictional Fuel Cost (Line 33)	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
39. Income Tax Factor	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
40. Fuel Cost Adjusted for Taxes (Line 37) - Fuel Cost (Line 38)	(0)	(0)	(0)	(0.0)	(0)	(0)	(0)	(0.0)	(0)	(0)	(0)	(0.0)	(0)	(0)
41. Fuel Cost Adjusted for Taxes (Line 37)	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
42. Fuel Cost Adjusted for Taxes (Line 41)	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893
43. Fuel Cost Adjusted for Taxes (Line 42)	338,658,167	370,306,269	(31,648,102)	(8.5)	18,445,909	20,290,818	(1,844,909)	(9.1)	5,066,502	5,350,893	(284,391)	(5.3)	5,066,502	5,350,893

\* Based on Jurisdictional Sales [a] included for informational purposes only

COMPARISON OF ESTIMATED AND ACTUAL  
 FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
 TABA ELECTRIC COMPANY  
 PERIOD TO DATE THROUGH: MARCH, 1998

SCHEDULE A1

	1998				1997			
	ACTUAL	ESTIMATED	DIFFERENCE	%	ACTUAL	ESTIMATED	DIFFERENCE	%
1. Fuel Cost of System Net Generation (A)	114,736,482	108,947,223	(5,789,259)	(5.1)	8,586,392	2,433,619	(6,152,773)	(71.3)
2. Fuel Purchase Fuel Disposal Cost	0	0	0	0.0	0	0	0	0.0
3. Coal Car Invoicement	0	0	0	0.0	0	0	0	0.0
4a. Adj. to Fuel Cost (P.L./Trade/Finch. Shorting Losses)	(17,300)	(18,000)	700	(0.1)	8,586,392	8,423,619	(162,773)	(1.9)
4b. Adjustments to Fuel Cost	0	0	0	0.0	8,586,392	8,423,619	(162,773)	(1.9)
4c. Adjustments to Fuel Cost	0	0	0	0.0	8,586,392	8,423,619	(162,773)	(1.9)
5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4c)	114,709,182	108,929,223	(5,779,959)	(5.1)	8,586,392	8,423,619	(162,773)	(1.9)
6. Fuel Cost of Purchased Power - (1/2n (A))	5,481,207	3,609,200	1,872,007	42.5	128,153	111,911	16,242	14.6
7. Energy Cost of Sub-C.I. Economy Purchases (Banker) (A)	271,174	242,700	28,474	10.5	6,842	3,650	3,192	71.8
8. Energy Cost of Other Economy Purchases (Non-Banker) (A)	0	0	0	0.0	0	0	0	0.0
9. Energy Cost of Sub. 5 Economy Purchases (A)	0	0	0	0.0	0	0	0	0.0
10. Capacity Cost of Sub. 5 Economy Purchases	0	0	0	0.0	0	0	0	0.0
11. Payments to Qualifying Facilities (A)	2,187,257	3,422,200	(1,234,943)	(56.3)	217,271	225,029	(7,758)	(3.5)
12. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 11)	9,279,438	7,684,200	1,595,238	20.8	242,917	325,608	(82,691)	(25.4)
13. TOTAL AVAILABLE FUEL (LINE 5 + LINE 12)					8,829,309	9,159,227	(329,918)	(3.7)
14. Fuel Cost of Economy Sales (A)	12,909,400	18,422,800	(5,513,400)	(42.4)	1,012,647	1,742,420	(729,773)	(42.0)
15. Sales on Economy Sales - RES (A)	2,421,528	2,421,528	0	0.0	1,012,647	1,523,620	(510,973)	(33.5)
16. Fuel Cost of Sub. 9 Super. Sales (A)	2,735,485	2,222,600	512,885	23.1	1,012,647	1,523,620	(510,973)	(33.5)
17. Fuel Cost of Sub. 9 Aerial. Sales (A)	518,151	511,500	6,651	1.3	297,118	199,423	97,695	49.0
18. Fuel Cost of Sub. 5 Aerial. Sales (A)	1,105	1,105	0	0.0	0	22,792	(22,792)	(100.0)
19. Fuel Cost of Sub. 2 Aerial. Sales (A)	726,841	139,700	587,141	80.7	34,126	8,654	25,472	294.2
20. Fuel Cost of 877 Sub. 8 Super. Sales (A)	1,487,222	514,000	973,222	65.5	78,000	55,256	22,744	41.2
21. Fuel Cost of Other Power Sales (A)	2,241,920	4,282,500	(2,040,580)	(90.8)	241,945	201,160	40,785	20.3
22. TOTAL FUEL AND OTHER POWER TRANSACTIONS (LINES 14 + 15 + 16 + 17 + 18 + 19 + 20 + 21)	29,309,236	27,809,700	1,499,536	5.1	1,512,262	1,907,520	(395,258)	(26.0)
23. Net Interchange (Interchange)					(500)	0	(500)	(100.0)
24. Shorting for 2, Loss Shorting Net <sup>1</sup> , 4.					(18,226)	0	(18,226)	(100.0)
25. Interchange and Shorting Losses					27,222	29,800	(2,578)	(8.6)
26. TOTAL FUEL AND OTHER POWER TRANSACTIONS (LINES 22 + 23 + 24 + 25 + 26)	29,309,236	27,809,700	1,499,536	5.1	1,512,262	1,907,520	(395,258)	(26.0)
27. Fuel Cost of Sub. 12 - 22 + 23 + 24 + 25)	11,967,471(a)	(6,119,482)(a)	17,086,953	(142.3)	(19,122)	(179,411)	159,289	(88.3)
28. Company Tax	444,964	421,400	23,564	5.3	29,382	18,960	10,422	54.7
29. P & S Losses	9,477,813 (a)	8,477,813 (a)	0	0.0	257,889	267,164	(9,275)	(3.5)
30. System ERM Sales	157,202,182	168,422,649	(11,220,467)	(7.2)	7,819,426	7,150,614	668,812	9.3
31. Wholesale ERM Sales	(1,904,682)	(177,781)	(1,726,901)	(89.9)	(68,287)	(16,004)	(52,283)	(32.6)
32. Jurisdictional ERM Sales	156,297,499	168,244,868	(11,947,369)	(7.6)	7,751,139	7,134,610	616,529	8.6
33. Jurisdictional Loss Multiplier - 1.00013								
34. Jurisdictional ERM Sales Adjusted for Loss Losses	156,297,499	168,276,761	(11,979,262)	(7.7)	7,751,139	7,134,610	616,529	8.6
35. Peabody Coal Contract Buy-out Acct. Jurisdictionalized	2,819,881	2,421,992	397,889	16.4	6,973,180	7,124,610	(151,430)	(2.1)
35a. Tax. on Sept. 31 Adj. on Fuel Cr. Diff. - (700)/255 Sale	(75,279)	0	75,279	0.0	6,973,180	7,124,610	(151,430)	(2.1)
35b. Fuel Credit Differential - FTRX Sale	(6,460)	0	6,460	0.0	6,973,180	7,124,610	(151,430)	(2.1)
35c. Bureau Refund Three-9 Adjustment - FTRX Sale	(228,574)	0	228,574	0.0	6,973,180	7,124,610	(151,430)	(2.1)
35d. 011 Make the Purchase Sale	(15,112)	0	15,112	0.0	6,973,180	7,124,610	(151,430)	(2.1)
35e. Transmission Adj. (Tax.-Ser. 57)	(6,736,874)	(6,736,874)	0	0.0	6,973,180	7,124,610	(151,430)	(2.1)
35. Three-9 *								
36. Total Jurisdictional Fuel Cost (Line. 32-35)	149,835,160	164,162,819	(14,327,659)	(9.6)	6,973,180	7,124,610	(151,430)	(2.1)
37. Bureau Tax Factor								
38. Fuel Cost Adjusted for Taxes (Line. 32-35)	96,519	96,519	0	0.0	6,973,180	7,124,610	(151,430)	(2.1)
39. 32-35 (Already Adjusted for Taxes)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
40. 32-35 *								
41. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
42. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
43. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
44. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
45. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
46. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
47. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
48. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
49. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
50. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
51. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
52. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
53. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
54. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
55. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
56. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
57. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
58. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
59. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
60. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
61. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
62. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
63. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
64. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
65. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
66. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
67. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
68. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
69. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
70. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
71. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
72. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
73. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
74. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
75. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
76. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
77. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
78. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
79. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
80. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
81. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
82. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
83. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
84. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
85. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
86. Fuel Cost Adjusted for Taxes (Line. 32-35)	149,835,160	164,259,338	(14,424,178)	(9.7)	6,973,180	7,124,610	(151,430)	(2.1)
87. Fuel Cost Adjusted for Taxes (Line. 32-35								

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
TAMPA ELECTRIC COMPANY  
MONTH OF: SEPTEMBER, 1997  
CURRENT MONTH

PERIOD TO DATE  
SCHEDULE A2  
PAGE 2 OF 3

C. TRUE-UP CALCULATION

	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1. JURISDICTIONAL FUEL REVENUE	35,356,528	35,738,337	(381,809)	(1.1)	192,607,212	198,199,494	(5,592,282)	(2.8)
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0	0	0	0	0.0
a. TRUE-UP PROVISION	265,103	265,103	0	0.0	1,590,623	1,590,623	0	0.0
b. INCENTIVE PROVISION	49,685	49,685	0	0.0	298,120	298,120	0	0.0
c. TRANSITION ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
d. OTHER	0	0	0	0.0	0	0	0	0.0
3. JURIS. FUEL REVENUE APPL. TO PERIOD	35,671,316	36,053,125	(381,809)	(1.1)	194,495,955	200,088,237	(5,592,282)	(2.8)
4. ADJ. TOTAL FUEL & NET FWR. TRANS. (LINE A-7)	35,383,810	35,925,773	1,458,037	4.3	198,495,705	199,185,851	(690,146)	(0.3)
5. JURISDIC. SALES- % TOTAL KWH SALES (LINE B-4)	0.9873504	0.9931726	(0.0058222)	(0.6)	NA	NA	-	-
6. JURISDIC. TOTAL FUEL & NET FWR. TRANS.	34,936,216	33,694,148	1,242,068	3.7	195,999,402	197,300,931	(1,301,529)	(0.7)
6A. JURISDIC. LOSS MULTIPLIER	1.00013	1.00013	0.0000	0.0	NA	NA	-	-
6B. (LINE 6 x LINE 6A)	34,940,758	33,698,528	1,242,230	3.7	196,024,882	197,326,579	(1,301,697)	(0.7)
6C. PEABODY COAL CONTRACT BUY-OUT AMORT. (LINE 6C x LINE 5)	446,832	446,832	0	0.0	2,718,957	2,718,957	0	0.0
6D. (LINE 6C x LINE 5)	441,180	443,781	(2,601)	(0.6)	2,685,735	2,693,543	(7,808)	(0.3)
6E. FUEL CREDIT DIFFERENTIAL- PPA/L&L SALE (DEC. 1996-SEPT. 1997)								
6F. JURISDIC. TOTAL FUEL & NET FWR. TRANS. INCL. PEABODY AND ADJ.	32,461,145	34,142,309	(1,681,164)	(4.9)	195,789,824	200,070,122	(4,230,298)	(2.1)
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C-3 - LINE C-6F)	3,210,171	1,910,816	1,299,355	68.0	(1,293,869)	68,115	(1,361,984)	(1,999.5)
8. INTEREST PROVISION FOR THE MONTH	(3,579)	(3,755)	176	(4.7)	61,171	13	61,158	470,446.2
9. TRUE-UP & INT. PROV. BEG. OF MONTH	1,153,914	1,827,306	(673,392)	(36.9)	NOT APPLICABLE			
9a. DEFERRED TRUE-UP BEGINNING OF PERIOD	(3,401,136)	(3,401,136)	0	0.0	NOT APPLICABLE			
10. TRUE-UP COLLECTED (REFUNDED)	(265,103)	(265,103)	0	0.0	NOT APPLICABLE			
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C-7 through C-10)	694,267	68,128	626,139	919.1	NOT APPLICABLE			

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
TAMPA ELECTRIC COMPANY  
MONTH OF: MARCH, 1998  
CURRENT MONTH

SCHEDULE A2  
PAGE 2 OF 3  
REVISED WITH TRUE-UP FILING  
PERIOD TO DATE

C. TRUE-UP CALCULATION	CURRENT MONTH				REVISED WITH TRUE-UP FILING PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1. JURISDICTIONAL FUEL REVENUE	25,510,877	25,149,126	361,751	1.4	160,311,746	164,131,771	(3,820,025)	(2.3)
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0	0	0	0	0.0
a. TRUE-UP PROVISION	1,122,779	1,122,779	0	0.0	6,736,674	6,736,674	0	0.0
b. INCENTIVE PROVISION	(16,094)	(16,094)	0	0.0	(96,579)	(96,579)	0	0.0
c. TRANSITION ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
d. OTHER	0	0	0	0.0	0	0	0	0.0
3. JURIS. FUEL REVENUE APPL. TO PERIOD	26,617,562	26,255,811	361,751	1.4	166,951,841	170,771,866	(3,820,025)	(2.2)
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A-7)	26,015,490	27,681,010	(1,665,520)	(6.0)	157,393,162	168,632,649	(11,239,487)	(6.7)
5. JURISDIC. SALES- % TOTAL KWH SALES (LINE B-4)	0.9950911	0.9980685	(0.0029774)	(0.3)	NA	NA	-	-
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	25,887,783	27,627,544	(1,739,761)	(6.3)	156,346,699	168,254,868	(11,908,169)	(7.1)
6A. JURISDIC. LOSS MULTIPLIER	1.00013	1.00013	0.0000	0.0	NA	NA	-	-
6B. (LINE 6 x LINE 6A)	25,891,148	27,631,136	(1,739,988)	(6.3)	156,367,023	168,276,741	(11,909,718)	(7.1)
6C. PEABODY COAL CONTRACT BUY-OUT AMORT.	431,647	431,647	0	0.0	2,627,845	2,627,845	0	0.0
6D. (LINE 6C x LINE 5)	429,528	430,813	(1,285)	(0.3)	2,610,601	2,621,992	(11,391)	(0.4)
6E. INTEREST ON SEPT. 97 ADJ. ON FUEL CREDIT DIFFERENTIAL-FMPA/LKL SALE	0	0	0	0.0	(25,279)	0	(25,279)	0.0
6F. FUEL CREDIT DIFFERENTIAL-FMPA SALE	(24,905)	0	(24,905)	0.0	(6,460)	0	(6,460)	0.0
6G. REVENUE REFUND TRUE-UP ADJUSTMENT	0	0	0	0.0	(326,974)	0	(326,974)	0.0
6H. OIL BELOW THE DISCHARGE VALVE	0	0	0	0.0	(15,113)	0	(15,113)	0.0
6I. TRANSMISSION ADJ. (JAN.-NOV. 97)	0	0	0	0.0	(2,011,564)	0	(2,011,564)	0.0
6J. JURISDIC. TOTAL FUEL & NET PWR. INCL. ALL ADJUSTMENTS	26,295,771	28,061,949	(1,766,178)	(6.3)	156,592,234	170,898,733	(14,306,499)	(8.4)
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C-3 - LINE C-6J)	321,791	(1,806,138)	2,127,929	(117.8)	10,359,607	(126,867)	10,486,474	(8,265.7)
8. INTEREST PROVISION FOR THE MONTH	22,198	7,362	14,836	201.5	109,335	142,242	(32,907)	(23.1)
9. TRUE-UP & INT. PROV. BEG. OF MONTH	3,278,360	1,009,965	2,268,395	224.6	NOT APPLICABLE			
9a. DEFERRED TRUE-UP BEGINNING OF PERIOD	1,926,965	1,926,965	0	0.0	NOT APPLICABLE			
10. TRUE-UP COLLECTED (REFUNDED)	(1,122,779)	(1,122,779)	0	0.0	NOT APPLICABLE			
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C-7 through C-10)	4,426,535	15,375	4,411,160	28,690.5	NOT APPLICABLE			

STATE OF FLORIDA

Commissioners:  
JULIA L. JOHNSON, CHAIRMAN  
J. TERRY DEASON  
SUSAN F. CLARK  
JOE GARCIA  
E. LEON JACOBS, JR.



DIVISION OF RECORDS & REPORTING  
BLANCA S. BAYO  
DIRECTOR  
(850) 413-6770

**Public Service Commission**

June 18, 1998

Ms. Angela Llewellyn  
Tampa Electric Company  
P. O. Box 111  
Tampa, Florida 33601-0111

Re: Docker No. 980001 - EI - Tampa Electric Company  
Audit Report - Fuel - 12 Months Ended March 31, 1998  
Audit Control # 98-057-2-2

Dear Ms. Llewellyn:

The enclosed audit report is forwarded for your review. Any company response filed with this office within ten (10) work days of the above case will be forwarded for consideration by the staff analyst in the preparation of a recommendation for this case.

Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script that reads 'Kay Flynn'.

Kay Flynn

KF/ABF

Enclosure

cc: Public Counsel  
Division of Audit and Financial Analysis  
Lee Willis