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June 27, 1994

HAND DELIVERED

IN REPLY REFER TO:

Tallahassee

Ms. Blanca S. Bayo, Director
 Division of Records and Reporting
 Florida Public Service Commission
 101 East Gaines Street
 Tallahassee, Florida 32399-0850

ORIGINAL
 FILE COPY

Re: Fuel and Purchased Power Cost Recovery Clause
 with Generating Performance Incentive Factor;
 FPSC Docket No. 940001-EI

Dear Ms. Bayo:

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

- ACK ✓ 1. Petition of Tampa Electric Company. 06352-94
- AFA 3
- APP _____
- CAF _____
- CMU _____
- CTR _____
- EAD (Dudley) 3. Prepared Direct Testimony of William N. Cantrell with Exhibit (WNC-1) titled Exhibit of William N. Cantrell. 06360-94
- LEG (Brown)
- LIN (original) 4. Prepared Direct Testimony of George A. Keselowsky with Exhibits (GAK-2) and (GAK-3) regarding Tampa Electric Company's projected performance under the Generating Performance Incentive Factor for the period October 1994 through March 1995. 06361-94
- OPC _____
- RCH _____
- SEC 1
- WAS 5. Prepared Direct Testimony of Elizabeth A. Townes and R. F. Tomczak with Exhibit (RFT/EAT-2) regarding Schedules Supporting the Oil Sackout Cost Recovery Factor for the period October 1994 March 1995 and Exhibit (RFT/EAT-3) regarding the Gannon Conversion Project Comparison of Projected Payoff with Original Estimate as of May 1994. 06362-94
- OTH _____

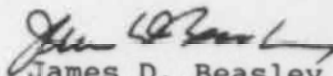
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Ms. Blanca S. Bayo
June 27, 1994
Page 2

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

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/pp
encls.

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

Ms. Blanca S. Bayo
June 27, 1994
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CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing testimony and exhibits, filed on behalf of Tampa Electric Company, has been furnished by U. S. Mail on this 27 day of June, 1994 to the following:

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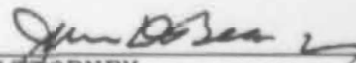
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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
PREPARED DIRECT TESTIMONY
OF
ELIZABETH A. TOWNES

Q. Would you please state your name and address?

A. My name is Elizabeth A. Townes. My business address is 702 North Franklin Street, Tampa, Florida 33602.

Q. Please describe your educational background and experience.

A. I received a Bachelor of Business Administration degree in Accounting from Florida International University in 1978 and a Master of Business Administration from the University of Tampa in 1982. I am a Certified Public Accountant in the state of Florida and a Member of the Florida Institute of Certified Public Accountants and American Institute of Certified Public Accountants.

Prior to joining Tampa Electric Company in January 1982, I was employed by General Telephone Company of Florida. I joined Tampa Electric as a regulatory accountant. In September 1983, I was promoted to Manager Regulatory Control and subsequently in February 1991, I was promoted

1 to my current position as Assistant Controller.

2

3 My current responsibilities include accounting for fuel
4 activities, conservation, oil backout and other regulatory
5 accounting areas, the revenue and financial reporting
6 functions and accounts payable.

7

8 Q. Ms. Townes, what is the purpose of your testimony in this
9 proceeding?

10

11 A. The purpose of my testimony is to present a summary
12 computation of the estimated Oil Backout Cost Recovery
13 Factor to be collected during the six-month projection
14 period beginning October 1994 and ending March 1995,
15 including the estimated true-up adjustment required as of
16 September 1994.

17

18 Q. Have you prepared documents in support of your testimony?

19

20 A. Yes. I have jointly prepared with Mr. Tomczak a composite
21 exhibit titled "Schedules Supporting Oil Backout Cost
22 Recovery Factor" indicated as Exhibit No. (RPT/EAT-2).
23 This exhibit is a summary of the detailed computations,
24 prepared under my supervision and direction, to derive the
25 estimated Oil Backout Cost Recovery Factor. This exhibit

1 consists of six documents and I will make references in my
2 testimony to each of the documents and explain the
3 development, or source, of each line item. I have also
4 jointly prepared with Mr. Tomczak Exhibit No. (RFT/EAT-3)
5 titled "Comparison of Projected Payoff with Original
6 Estimate, as of May 1994." This exhibit provides a
7 comparison of the estimated payback of the Gannon
8 conversion project with the original projection submitted
9 during the 1982 qualification hearings.

10
11 Q. Ms. Townes, would you first please summarize the key
12 assumptions used in your derivation of the estimated
13 factor?

14
15 A. Yes. The key assumptions involved with the determination
16 of the factor for the projection period are the estimated
17 fuel savings, the estimated revenue requirements associated
18 with the converted Gannon Units and common facilities, the
19 estimated energy sales, and the estimated true-up as of
20 September 1994.

21
22 Q. What is the estimated Oil Backout Cost Recovery Factor
23 which you have determined for the six-month projection
24 period ended March 1995?
25

1 A. The factor which I have determined to be appropriate for
2 the projection period is .096 cents per kilowatt hour.
3 This factor is shown on line 19, of Document 1.

4
5 Q. Please explain the computations shown on Document 1.

6
7 A. The computations begin with the estimated energy sales
8 during the projection period shown on line 1. These
9 amounts are consistent with the company's fuel adjustment
10 filing in this docket. Lines 2 through 4 reflect the
11 estimated fuel savings supplied by Mr. Tomczak. Lines 5
12 through 10 reflect a computation of the estimated revenue
13 requirements associated with the Gannon Oil Backout
14 Project. Lines 11 through 13 reflect a computation of the
15 estimated net savings and the amount available for
16 additional depreciation under the clause, as determined on
17 a six-month basis. Lines 14 through 19 reflect the
18 computation of the Oil Backout Cost Recovery Factor
19 including the estimated net true-up adjustment required as
20 of September 1994.

21
22 Q. Ms. Townes, please explain your computation of revenue
23 requirements shown on lines 5 through 10.

24
25 A. The computation begins on line 5 with the estimated

1 straight-line depreciation expense associated with the
2 various components of the Plant in Service investment. The
3 monthly provisions for depreciation reflected on line 5 are
4 based on the currently approved depreciation rates for the
5 various components of the Plant in Service investment.
6 Line 6 reflects the estimated interest carrying cost of the
7 Plant in Service investment. The projected monthly
8 interest expense is determined based on the projected debt
9 cost applied to the average debt balance for each month.
10 Income tax expense, shown on line 7, is computed on
11 Document 3. The estimated monthly property tax expense is
12 shown as Taxes Other Than Income Taxes on line 8. The
13 amounts shown on line 9 represent the operation and
14 maintenance expense differential which was furnished by
15 Mr. Tomczak. Total revenue requirements reflected on line
16 10 represent the sum of all revenue requirement components
17 shown on lines 5 through 9.

18
19 Q. Ms. Townes, would you please explain Document 2 reflecting
20 your computation of the Plant in Service investment?

21
22 A. Yes. Line 1 of Document 2 reflects the actual unrecovered
23 investment in Plant in Service at the beginning of each
24 month shown. Since no additional expenditures are
25 currently anticipated, line 2 indicates no additions to

1 | Plant in Service. Line 5 reflects the provision for
2 | depreciation for the period. These are the same amounts
3 | shown on line 5 of Documents 1 and 5. Line 6 reflects the
4 | additional depreciation permitted under the Oil Backout
5 | Recovery Clause, equivalent to 2/3 of the estimated net
6 | savings which is shown on line 13 of Documents 1 and 5.
7 | Line 7 reflects the estimated net unrecovered investment in
8 | Plant in Service at the end of the month.

9 |

10 | Q. Ms. Townes, would you please explain further the
11 | computation of income tax expense reflected on line 7 of
12 | Documents 1 and 5?

13 |

14 | A. Yes. The computation of these amounts is shown on Document
15 | 3. Referring to Document 3, lines 1 through 5 agree with
16 | amounts shown as components of revenue requirements
17 | including those associated with additional depreciation, on
18 | lines 5, 6, 8, 9, 10 and 13 on Documents 1 and 5. Line 7
19 | reflects the portion of depreciation on line 2 which
20 | represents depreciation of the equity portion of AFUDC
21 | capitalized during construction. As this amount is not tax
22 | deductible, it represents a "permanent" difference between
23 | book and tax basis of plant. Thus, this portion of
24 | depreciation expense for each month must be added back to
25 | book income to compute income before income taxes on line

1 8. Line 9 reflects the income tax expense before ratable
2 amortization of investment tax credits using an effective
3 income tax rate of 38.575%. Line 10 reflects the ratable
4 amortization of investment tax credit consistent with the
5 investment recovery via depreciation expense. Line 11
6 reflects the total income tax expense which agrees with
7 amounts shown on line 7 of Documents 1 and 5.
8

9 Q. Ms. Townes, you indicated earlier that a key assumption in
10 determining the factor for this projection period is the
11 estimated true-up adjustment required for the six-month
12 period ending September 1994. Please explain the
13 calculation of the net true-up adjustment.
14

15 A. The projected cumulative net true-up adjustment as of
16 September 1994 represents an underrecovery of \$31,543 as
17 shown on line 15 of Document 1. The true-up adjustment is
18 calculated on Documents 4, 5 and 6.
19

20 The computation begins on Document 4 with the estimated
21 tariff revenues to be billed under the Clause for each
22 month in the period from April 1994 through September 1994,
23 shown on Line 1. The Oil Backout Revenue applicable to
24 this period is then reduced by the estimated/actual cost
25 recovery under the Clause for each month in the period from

1 April 1994 through September 1994. The amounts on Line 4
2 are calculated on Document 5. To this true-up provision
3 shown on Line 5 by month, is added the beginning of the
4 month true-up and interest provision, shown on Line 6 for
5 a cumulative end of the period net true-up before interest,
6 shown on Line 8. The resulting estimated true-up provision
7 at September 1994, of \$(31,543) is shown on Line 10 of
8 Document 4.
9

10 Q. What was the projected true-up amount for the six months
11 ended March 1994 which was included in the Oil Backout cost
12 recovery for the period April 1994 - September 1994?
13

14 A. In the filing dated January 24, 1994, the company projected
15 a cumulative overrecovery of \$609,239 as of March 1994
16 which is currently being refunded. The actual overrecovery
17 at March 1994 was \$528,062, as reflected on line 6 of
18 Document 4. The actual overrecovery at March 31, 1994, is
19 due to higher than anticipated operating expense.
20

21 Q. What is the status of the estimated payback of the Gannon
22 conversion project?
23

24 A. As shown on Exhibit No. (RFT/EAT-3), titled "Comparison of
25 Projected Payoff with Original Estimate, as of May 1994,"

1 cost recovery is now projected for 2002. The delay in
2 recovery from the original projection submitted during the
3 1982 qualification hearings is due primarily to reduced
4 estimated fuel savings, as sponsored by Mr. Tomczak.

5
6 Q. Please explain any significant variances noted in the
7 payoff comparison.

8
9 A. Actual straight-line depreciation is less than the original
10 projection in 1982. This is due to the 1982 estimation of
11 early retirement of existing plant.

12
13 Significant variances noted in the cost of capital and
14 income tax components are due to the current estimate being
15 based on the approved 100% debt financing; whereas, the
16 original estimate was based on conventional financing,
17 which included a combination of debt and equity. Since
18 conventional financing included an equity component, income
19 taxes were provided on the return associated with the
20 equity component.

21
22 An estimate for taxes other than income taxes was not
23 included in the original estimate. An estimate is now
24 included since property taxes can be more reasonably
25 determined.

1 In the original estimate, revenue taxes were included as
2 part of the base revenue requirement (the sum of straight-
3 line depreciation, cost of capital, income taxes, taxes
4 other than income taxes, operation and maintenance
5 differential, and revenue taxes). Revenue taxes are now
6 excluded from the base revenue requirement. The Regulatory
7 Assessment fee is included in the total to be billed by
8 grossing up the Oil Backout factor.

9
10 The net result of the changes between the original and
11 current estimate is a decrease in base revenue requirement.
12 However, the expected additional depreciation has declined
13 due to reduced fuel savings. Additional depreciation is
14 computed as two-thirds of the excess of fuel savings over
15 the base revenue requirement determined on a six-month
16 filing period as required under the Oil Backout Clause.

17
18 Q. Ms. Townes, does this conclude your testimony?

19
20 A. Yes, it does.
21
22
23
24
25

1 BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

2 PREPARED DIRECT TESTIMONY

3 OF

4 R. F. TOMCZAK

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

7
8 A. My name is Robert F. Tomczak. My mailing address is P. O.
9 Box 111, Tampa, Florida 33601, and my business address is
10 6820 South Tamiami Trail, North Ruskin, Florida 33570. I
11 am Vice President-Production Operations and Maintenance of
12 Tampa Electric Company.

13
14 Q. Please furnish a brief outline of your educational
15 background and business experience.

16
17 A. I graduated in 1962 from the University of Buffalo with a
18 Bachelor of Science degree in Industrial Engineering. In
19 1970, I completed the Public Utility Executive Course at
20 the Georgia Institute of Technology, and in 1984 I
21 completed the Public Utility Executive Program at the
22 University of Michigan. My career at Tampa Electric
23 Company began in 1962 when I was employed as a Distribution
24 Engineer. Since that time I have served as Meter Engineer,
25 Manager of Meter Operations, General Manager of Western

1 Service Area, Assistant to the President, Manager - Gannon
2 Station, General Manager - Traveling Maintenance, Assistant
3 to the Vice President - Production, and General Manager -
4 Production Services. In 1985, I was elected to my current
5 position as Vice President - Production Operations and
6 Maintenance.

7
8 Q. Will you describe some of the responsibilities of your
9 present position?

10
11 A. As Vice President - Production Operations and Maintenance,
12 I am responsible for the engineering, operation,
13 maintenance, and construction of the power production
14 facilities to include safety of personnel and equipment,
15 security, training, control of costs, and various personnel
16 and administrative functions.

17
18 Q. Mr. Tomczak, what is the objective of your testimony?

19
20 A. The objective of my testimony is to present the cost
21 associated with the conversion of four of Tampa Electric
22 Company's generating units from oil to coal. In addition,
23 I will sponsor the calculation of the operation and
24 maintenance expense differential and the determination of
25 fuel savings for the projection period and the projected

1 payoff period.

2

3 Q. How does your testimony relate to the testimony of other
4 witnesses in this proceeding?

5

6 A. Ms. Elizabeth Townes is sponsoring the overall calculation
7 of the company's Oil Backout Cost Recovery Factor for the
8 period October 1994 - March 1995, as well as the estimated
9 payoff period for the total project. In these
10 calculations, Ms. Townes develops the basic revenue
11 requirements of the project using the actual cost of the
12 conversion assets, and my projection of the operation and
13 maintenance expense differential and the fuel savings
14 resulting from the conversion. Kilowatt-hour sales and
15 fuel costs are consistent with those used in the company's
16 fuel adjustment filing.

17

18 Q. Have you prepared documents in support of your testimony?

19

20 A. Yes. I have prepared portions of documents which are
21 included in a composite Exhibit No. (RFT/EAT-2) titled
22 "Schedules Supporting Oil Backout Cost Recovery Factor" and
23 Exhibit No. (RFT/EAT-3) titled "Comparison of Projected
24 Payoff with Original Estimate, as of May 1994." These
25 exhibits are being jointly sponsored by Ms. Townes and me.

1 Q. What is the status of the project?

2

3 A. The conversion of Gannon units 1 through 4 from oil to coal
4 is complete. The units were placed into commercial service
5 as follows:

6

7 Unit 1 October 6, 1985

8 Unit 2 May 23, 1985

9 Unit 3 July 12, 1984

10 Unit 4 November 7, 1983

11

12 Q. What is the cost of the Oil Backout assets which are
13 included in the cost recovery computation in this
14 proceeding?

15

16 A. The total cost of the conversion project to be recovered
17 through the Clause is \$140.5 million. No additional
18 expenditures are anticipated.

19

20 Q. What are the projected fuel savings which will occur as a
21 result of the operation of the converted Gannon units
22 during the projection period?

23

24 A. As shown on Line 4 of Document 1, total fuel savings
25 resulting from the project for the period October 1984 -

1 March 1995 are expected to be \$(493,370). This amount is
2 based upon the difference in fuel expenses from production
3 costing runs which simulate dispatch of all generating
4 units with and without the conversion of the Gannon units.
5 The assumptions for sales, unit ratings, heat rates, coal
6 and No. 6 oil prices and availability factors are
7 consistent with those used by the company in its fuel
8 adjustment filing in this docket.

9

10 Q. Have you calculated the projected operating and maintenance
11 expense differential of the project for October 1994 -
12 March 1995?

13

14 A. Yes, I have calculated the operation and maintenance
15 expense differential for this period to be \$2,010,643 as
16 shown on line 9 of Document 1.

17

18 Q. Please explain how the operation and maintenance expense
19 differential was calculated.

20

21 A. The operation and maintenance differential consists of the
22 oil/non-oil operating expense differential and other
23 projected costs resulting from the Oil Backout project.
24 This differential was calculated by applying a percentage
25 representing the increased operation and maintenance costs

1 associated with coal-firing to total projected operation
2 and maintenance expenses pertaining to the converted Gannon
3 units. The percentage was derived by comparing historical
4 operation and maintenance costs for Gannon units 1-4 as
5 oil-fired to historical operation and maintenance costs for
6 Gannon units 5 and 6 as coal-fired. Specifically
7 identifiable costs to be incurred to comply with the Oil
8 Backout Cost Recovery Rule were added to the operating
9 expense differential to derive the total operation and
10 maintenance differential.

11

12 The operation and maintenance differential as shown on
13 Exhibit No. (RFT/EAT-3) "Comparison of Projected Payoff
14 with Original Estimate, as of May 1994," is now higher than
15 the original estimate since the original estimate did not
16 include maintaining the assets required for dual firing
17 capability. In addition, the current estimate is based on
18 more detailed engineering estimates and actual experience
19 associated with the converted units.

20

21 Q. Mr. Tomczak, please explain the decrease in fuel savings
22 indicated on the projected payoff exhibit.

23

24 A. The reduction in fuel savings is due to a decrease in the
25 projected differential between the price of oil and the

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price of coal, and a decrease in the projected system energy requirements. The current estimate of fuel savings is based on long-term fuel price and energy projections prepared in conjunction with this current fuel adjustment clause filing.

Q. Does this conclude your testimony?

A. Yes.

EXHIBIT NO. _____
DOCKET NO. 940001-EI
TAMPA ELECTRIC COMPANY
(RFT/EAT-2)
SUBMITTED FOR FILING 6/27/94

TAMPA ELECTRIC COMPANY
SCHEDULES SUPPORTING OIL BACKOUT
COST RECOVERY FACTOR
OCTOBER 1994 - MARCH 1995

OIL BACKOUT COST RECOVERY

INDEX

<u>DOCUMENT NO.</u>	<u>TITLE</u>	<u>PAGE</u>
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2	PLANT IN SERVICE INVESTMENT	2
3	COMPUTATION OF OIL BACKOUT INCOME TAXES	3
4	OIL BACKOUT TRUE-UP COMPUTATION	4
5	SUMMARY OF OIL BACKOUT COST RECOVERY COMPUTATION	5
6	CALCULATION OF OIL BACKOUT INTEREST PROVISION	6

TAMPA ELECTRIC COMPANY
SUMMARY OF OIL BACKOUT
COST RECOVERY COMPUTATION

October 1994 through March 1995

Line No.	Units	Witness	Source	October	November	December	January	February	March	Total
1.	MWH	Tomczak		<u>1,206,360</u>	<u>1,040,730</u>	<u>1,076,962</u>	<u>1,107,150</u>	<u>1,039,326</u>	<u>1,007,686</u>	<u>6,473,234</u>
Fuel Savings:										
2.	\$	Tomczak		<u>\$27,662,362</u>	<u>\$24,663,675</u>	<u>\$25,910,724</u>	<u>\$25,774,607</u>	<u>\$23,351,181</u>	<u>\$24,706,740</u>	<u>\$152,289,309</u>
3.	\$	Tomczak		<u>27,895,122</u>	<u>24,799,235</u>	<u>26,010,664</u>	<u>25,876,987</u>	<u>23,404,241</u>	<u>24,793,430</u>	<u>152,782,679</u>
4.	\$	Tomczak	Line 2 - Line 3	<u>(\$15,740)</u>	<u>(\$135,560)</u>	<u>(\$99,940)</u>	<u>(\$102,380)</u>	<u>(\$53,060)</u>	<u>(\$86,690)</u>	<u>(\$493,370)</u>
Revenue Requirements:										
5.	\$	Townes	Document 2	<u>\$584,605</u>	<u>\$584,605</u>	<u>\$584,605</u>	<u>\$584,605</u>	<u>\$584,605</u>	<u>\$584,605</u>	<u>\$3,507,631</u>
6.	\$	Townes		<u>142,439</u>	<u>117,009</u>	<u>115,169</u>	<u>122,335</u>	<u>111,491</u>	<u>109,652</u>	<u>718,094</u>
7.	\$	Townes	Document 3	<u>(51,961)</u>	<u>(51,961)</u>	<u>(51,961)</u>	<u>(51,961)</u>	<u>(51,961)</u>	<u>(51,961)</u>	<u>(311,766)</u>
8.	\$	Townes		<u>42,000</u>	<u>42,000</u>	<u>42,000</u>	<u>39,520</u>	<u>39,520</u>	<u>39,520</u>	<u>244,560</u>
9.	\$	Tomczak		<u>385,416</u>	<u>280,515</u>	<u>253,556</u>	<u>268,602</u>	<u>323,383</u>	<u>500,071</u>	<u>2,010,843</u>
10.	\$	Townes	Lines 5+6+7+8+9	<u>\$1,101,498</u>	<u>\$972,468</u>	<u>\$943,370</u>	<u>\$963,101</u>	<u>\$1,007,038</u>	<u>\$1,181,887</u>	<u>\$6,169,362</u>
Additional Depreciation:										
11.	\$	Townes	Line 4 - Line 10	<u>(\$1,117,238)</u>	<u>(\$1,108,028)</u>	<u>(\$1,043,310)</u>	<u>(\$1,065,481)</u>	<u>(\$1,060,098)</u>	<u>(\$1,268,577)</u>	<u>(\$6,662,732)</u>
12.	\$	Townes		<u>1,117,238</u>	<u>1,108,028</u>	<u>1,043,310</u>	<u>1,065,481</u>	<u>1,060,098</u>	<u>1,268,577</u>	<u>\$6,662,732</u>
13.	\$	Townes	Line 11 - Line 12	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
14.	\$	Townes	Line 10 + Line 13	<u>\$1,101,498</u>	<u>\$972,468</u>	<u>\$943,370</u>	<u>\$963,101</u>	<u>\$1,007,038</u>	<u>\$1,181,887</u>	<u>\$6,169,362</u>
15.	\$	Townes	Document 4	<u>5,257</u>	<u>5,257</u>	<u>5,257</u>	<u>5,257</u>	<u>5,257</u>	<u>5,258</u>	<u>31,543</u>
16.	\$	Townes	Line 14 + Line 15	<u>\$1,106,755</u>	<u>\$977,725</u>	<u>\$948,627</u>	<u>\$968,358</u>	<u>\$1,012,295</u>	<u>\$1,187,145</u>	<u>\$6,200,905</u>
17.	¢/KWH	Townes	Line 16 / Line 1							0.09579
18.	¢/KWH	Townes	Line 17 x 1.00083							0.0959
19.	¢/KWH	Townes								<u>0.096</u>

EXHIBIT NO. _____
DOCUMENT NO. 940001-EI
TAMPA ELECTRIC COMPANY
(RPT/EAT-2)
DOCUMENT NO. 1
PAGE 1 of 1

TAMPA ELECTRIC COMPANY
PLANT IN SERVICE INVESTMENT
April 1994 through March 1995

Line No.	Actual April	Actual May	June	July	August	September	October	November	December	January	February	March
1. Beginning Net Plant Balance	\$42,787,545	\$42,202,939	\$41,618,334	\$41,033,729	\$40,449,124	\$39,864,518	\$39,279,913	\$38,695,308	\$38,110,703	\$37,526,097	\$36,941,492	\$36,356,887
2. Additions to Plant in Service	0	0	0	0	0	0	0	0	0	0	0	0
3. Cost of Removal/Salvage	0	0	0	0	0	0	0	0	0	0	0	0
4. Balance (Lines 1 + 2 + 3)	\$42,787,545	\$42,202,939	\$41,618,334	\$41,033,729	\$40,449,124	\$39,864,518	\$39,279,913	\$38,695,308	\$38,110,703	\$37,526,097	\$36,941,492	\$36,356,887
5. Straight - line Depreciation	(584,606)	(584,605)	(584,605)	(584,605)	(584,606)	(584,605)	(584,605)	(584,605)	(584,606)	(584,605)	(584,605)	(584,605)
6. Additional Depreciation	0	0	0	0	0	0	0	0	0	0	0	0
7. Ending Net Plant Balance	<u>\$42,202,939</u>	<u>\$41,618,334</u>	<u>\$41,033,729</u>	<u>\$40,449,124</u>	<u>\$39,864,518</u>	<u>\$39,279,913</u>	<u>\$38,695,308</u>	<u>\$38,110,703</u>	<u>\$37,526,097</u>	<u>\$36,941,492</u>	<u>\$36,356,887</u>	<u>\$35,772,282</u>

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EXHIBIT NO. _____
DOCUMENT NO. 940001 - 1E
TAMPA ELECTRIC COMPANY
(RFT/EAT - 2)
DOCUMENT NO. 2
PAGE 1 of 1

TAMPA ELECTRIC COMPANY
COMPUTATION OF OIL BACKOUT INCOME TAXES
April 1994 through March 1995

Line No.	Source	Actual April	Actual May	June	July	August	September	October	November	December	January	February	March	
1.	Revenue - base - add. deprec.	Document 1 & 5, Line 10 Document 1 & 5, Line 12	\$913,623 0	\$965,070 0	\$988,927 0	\$950,834 0	\$1,058,317 0	\$1,135,470 0	\$1,301,498 0	\$972,468 0	\$943,370 0	\$963,101 0	\$1,007,038 0	\$1,161,867 0
2.	Depreciation - straight - add.	Document 1 & 5, Line 5 Document 1 & 5, Line 12	(584,606) 0	(584,605) 0	(584,605) 0	(584,605) 0	(584,606) 0	(584,605) 0	(584,605) 0	(584,606) 0	(584,605) 0	(584,605) 0	(584,605) 0	(584,605) 0
3.	Interest Expense	Document 1 & 5, Line 6	(84,441)	(90,872)	(126,207)	(134,249)	(122,528)	(120,688)	(142,458)	(117,009)	(115,149)	(122,335)	(111,491)	(109,652)
4.	Taxes Other Than Income Taxes	Document 1 & 5, Line 8	(42,000)	(40,815)	(42,000)	(42,000)	(42,000)	(42,000)	(42,000)	(42,000)	(42,000)	(39,520)	(39,520)	(39,520)
5.	O & M Differential	Document 1 & 5, Line 9	(254,532)	(291,739)	(288,078)	(281,988)	(261,188)	(440,138)	(384,818)	(280,815)	(253,556)	(268,602)	(223,383)	(200,021)
6.	Subtotal	Lines 1+2+3+4+5	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)
7.	Depreciation of AFUDC Equity		2,958	2,958	2,958	2,958	2,958	2,958	2,958	2,958	2,958	2,958	2,958	2,958
8.	Income Before Income Taxes	Lines 6+7	(\$48,003)	(\$48,003)	(\$48,003)	(\$48,003)	(\$48,003)	(\$48,003)	(\$48,003)	(\$48,003)	(\$48,003)	(\$48,003)	(\$48,003)	(\$48,003)
9.	Income Taxes	Line 8x 38.575%	(\$18,903)	(\$18,903)	(\$18,903)	(\$18,903)	(\$18,903)	(\$18,903)	(\$18,903)	(\$18,903)	(\$18,903)	(\$18,903)	(\$18,903)	(\$18,903)
10.	Amortization of ITC		(33,058)	(33,058)	(33,058)	(33,058)	(33,058)	(33,058)	(33,058)	(33,058)	(33,058)	(33,058)	(33,058)	(33,058)
11.	Income Tax Expense	Document 1 & 5, Line 7	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)	(\$51,961)

EXHIBIT NO. _____
DOCKET NO. 940001 - E1
TAMPA ELECTRIC COMPANY
(RFT/EAT - 2)
DOCUMENT NO. 3
PAGE 1 of 1

TAMPA ELECTRIC COMPANY

OIL BACKOUT TRUE-UP COMPUTATION

April 1994 through September 1994

Line No.	Actual April	Actual May	June	July	August	September	Total
1. Oil-Backout Cost Recovery Revenue (Net of Revenue Taxes)	\$787,882	\$859,787	\$918,355	\$954,242	\$954,498	\$972,231	\$5,446,995
2. Adjustment not Applicable to this period (Prior true-up)	<u>101,540</u>	<u>101,540</u>	<u>101,540</u>	<u>101,540</u>	<u>101,540</u>	<u>101,539</u>	<u>609,230</u>
3. Oil-Backout Revenue Applicable to this period (Line 1 + 2)	889,422	961,327	1,019,895	1,055,782	1,056,038	1,073,770	6,056,234
4. Jurisdictional Oil-Backout Cost Recovery Authorized (Document 5, Line 14)	<u>(913,623)</u>	<u>(965,070)</u>	<u>(988,927)</u>	<u>(950,839)</u>	<u>(1,058,317)</u>	<u>(1,135,470)</u>	<u>(6,012,246)</u>
5. True-up Provision for the Month Over/(Under) Collection (Line 3 + 4)	(24,201)	(3,743)	30,968	104,943	(2,279)	(61,700)	43,988
6. True-up and Interest Provision for the Month Beginning of the Month	528,062	403,791	299,716	230,175	234,545	131,488	528,062
7. True-up Collected/(Refunded)	<u>(101,540)</u>	<u>(101,540)</u>	<u>(101,540)</u>	<u>(101,540)</u>	<u>(101,540)</u>	<u>(101,539)</u>	<u>(609,230)</u>
8. End of the Period Net True-up Before Interest (Line 5 + 6 + 7)	402,321	298,508	229,144	233,578	130,726	(31,751)	(37,189)
9. Interest Provision for the Month Interest (Document 6, Line 10)	<u>1,470</u>	<u>1,208</u>	<u>1,031</u>	<u>967</u>	<u>762</u>	<u>208</u>	<u>5,646</u>
10. End of the Period Net True-up Over/(Under) Recovery (Line 8 + 9)	<u>\$403,791</u>	<u>\$299,716</u>	<u>\$230,175</u>	<u>\$234,545</u>	<u>\$131,488</u>	<u>(\$31,543)</u>	<u>(\$31,543)</u>

TAMPA ELECTRIC COMPANY
SUMMARY OF OIL BACKOUT
COST RECOVERY COMPUTATION

April 1994 through September 1994

Line No.	Units	Witness	Source	Actual April	Actual May	June	July	August	September	Total	
1.	Sales	MWH	Tomczak	<u>1,080,190</u>	<u>1,178,772</u>	<u>1,359,069</u>	<u>1,308,270</u>	<u>1,308,622</u>	<u>1,332,934</u>	<u>7,467,857</u>	
Fuel Savings:											
2.	Fuel and Net Power Transactions without Conversion	\$	Tomczak	\$27,036,102	\$32,105,325	\$32,485,550	\$33,120,682	\$34,317,496	\$31,440,239	\$190,505,394	
3.	Fuel and Net Power Transactions with Conversion	\$	Tomczak	<u>27,257,750</u>	<u>32,261,799</u>	<u>32,484,470</u>	<u>33,296,042</u>	<u>34,608,946</u>	<u>31,583,069</u>	<u>191,492,076</u>	
4.	Fuel Savings	\$	Tomczak	Line 2 - Line 3	<u>(\$221,648)</u>	<u>(\$156,474)</u>	<u>\$1,080</u>	<u>(\$175,360)</u>	<u>(\$291,450)</u>	<u>(\$142,830)</u>	<u>(\$986,652)</u>
Revenue Requirements:											
5.	Straight-Line Depreciation	\$	Towns	Document 2	\$584,606	\$584,605	\$584,605	\$584,605	\$584,606	\$584,605	\$3,507,632
6.	Interest Expense	\$	Towns		84,441	99,872	126,207	134,249	122,528	120,685	\$687,985
7.	Income Tax Expense	\$	Towns	Document 3	(51,961)	(51,961)	(51,961)	(51,961)	(51,961)	(51,961)	(311,766)
8.	Taxes Other Than Income Taxes	\$	Towns		42,000	40,815	42,000	42,000	42,000	42,000	250,815
9.	O & M Differential	\$	Tomczak		<u>254,537</u>	<u>291,739</u>	<u>288,076</u>	<u>241,946</u>	<u>361,144</u>	<u>440,138</u>	<u>1,877,580</u>
10.	Revenue Requirements	\$	Towns	Lines 5+6+7+8+9	<u>\$913,623</u>	<u>\$965,070</u>	<u>\$988,927</u>	<u>\$950,839</u>	<u>\$1,058,317</u>	<u>\$1,135,470</u>	<u>\$6,012,246</u>
Additional Depreciation:											
11.	Net Savings	\$	Towns	Line 4 - Line 10	<u>(\$1,735,271)</u>	<u>(\$1,121,544)</u>	<u>(\$987,847)</u>	<u>(\$1,126,199)</u>	<u>(\$1,349,767)</u>	<u>(\$1,278,300)</u>	<u>(\$6,998,928)</u>
12.	Customer Retained Savings	\$	Towns		<u>1,135,271</u>	<u>1,121,544</u>	<u>987,847</u>	<u>1,126,199</u>	<u>1,349,767</u>	<u>1,278,300</u>	<u>\$6,998,928</u>
13.	Additional Depreciation	\$	Towns	Line 11 - Line 12	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14.	Cost Recovery for the Period	\$	Towns	Line 10 + Line 13	<u>\$913,623</u>	<u>\$965,070</u>	<u>\$988,927</u>	<u>\$950,839</u>	<u>\$1,058,317</u>	<u>\$1,135,470</u>	<u>\$6,012,246</u>
15.	Price Period Net True-Up	\$	Towns	Document 4	<u>(88,010)</u>	<u>(88,010)</u>	<u>(88,010)</u>	<u>(88,010)</u>	<u>(88,010)</u>	<u>(88,012)</u>	<u>(528,062)</u>
16.	Total Cost Recovery	\$	Towns	Line 14 + Line 15	<u>\$825,613</u>	<u>\$877,060</u>	<u>\$900,917</u>	<u>\$862,829</u>	<u>\$970,307</u>	<u>\$1,047,458</u>	<u>\$5,484,184</u>

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TAMPA ELECTRIC COMPANY
CALCULATION OF OIL BACKOUT INTEREST PROVISION
April 1994 through September 1994

Line No.		Actual April	Actual May	June	July	August	September	
1.	Beginning True-up Amount Document 4, Line 6	\$528,062	\$403,791	\$299,710	\$250,175	\$231,545	\$131,488	
2.	Ending True-up Amount Before Interest Document 4, Line 8	<u>402,321</u>	<u>298,508</u>	<u>229,144</u>	<u>233,578</u>	<u>130,726</u>	<u>(31,751)</u>	
3.	Total True-up Amount Lines 1 + 2	<u>\$930,383</u>	<u>\$702,299</u>	<u>\$528,860</u>	<u>\$483,753</u>	<u>\$365,271</u>	<u>\$99,737</u>	
4.	Average True-up Amount Line 3 / 2	<u>\$465,192</u>	<u>\$351,150</u>	<u>\$264,430</u>	<u>\$241,877</u>	<u>\$182,636</u>	<u>\$49,869</u>	
5.	Interest Rate - First Day of Month	3.690%	3.900%	4.360%	5.000%	5.000%	5.000%	
6.	Interest Rate - First Day of Subsequent Month	<u>3.900%</u>	<u>4.360%</u>	<u>5.000%</u>	<u>5.000%</u>	<u>5.000%</u>	<u>5.000%</u>	
7.	Total Beginning and Ending Interest Rate Lines 5 + 6	<u>7.590%</u>	<u>8.260%</u>	<u>9.360%</u>	<u>10.000%</u>	<u>10.000%</u>	<u>10.000%</u>	
8.	Average Interest Rate Line 7 / 2	<u>3.795%</u>	<u>4.130%</u>	<u>4.680%</u>	<u>5.000%</u>	<u>5.000%</u>	<u>5.000%</u>	
9.	Monthly Average Interest Rate Line 8 / 12	<u>0.316%</u>	<u>0.344%</u>	<u>0.390%</u>	<u>0.417%</u>	<u>0.417%</u>	<u>0.417%</u>	
10.	Monthly Interest Provision Line 4 x Line 9 for overrecoveries	<u>\$1,470</u>	<u>\$1,208</u>	<u>\$1,031</u>	<u>\$967</u>	<u>\$762</u>	<u>\$208</u>	<u>5,646</u>

EXHIBIT NO. _____
DOCKET NO. 940001-EI
TAMPA ELECTRIC COMPANY
(RFT/EAT-3)
SUBMITTED FOR FILING 6/27/94

TAMPA ELECTRIC COMPANY
GANNON CONVERSION PROJECT
COMPARISON OF PROJECTED PAYOFF WITH ORIGINAL ESTIMATE
AS OF MAY 1994

**TAMPA ELECTRIC COMPANY
OIL BACKOUT VARIANCE ANALYSIS**

October 1994 through March 1995

Line No.	Description	Actual 1983	Actual 1984	Actual 1985	Actual 1986	Actual 1987	Actual 1988	Actual 1989	Actual 1990	Actual 1991	Actual 1992	Actual 1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
1.	Straight-Line Depreciation																				
2.	Current Estimate	\$617	5,441	7,748	6,351	6,976	7,051	7,016	7,015	7,015	7,016	7,015	7,016	7,015	7,016	7,015	7,015	7,015	7,016	7,015	813
3.	Original Estimate	\$2,820	5,876	7,728	8,726	7,845	7,845	7,845	7,845	0	0	0	0	0	0	0	0	0	0	0	0
4.	Variance	(\$2,203)	(435)	20	(375)	(869)	(794)	(829)	(830)	7,015	7,016	7,015	7,016	7,015	7,016	7,015	7,015	7,015	7,016	7,015	813
5.	Cost of Capital																				
6.	Current Estimate	\$562	5,657	7,171	7,826	6,592	6,488	6,674	5,447	3,699	2,271	1,062	1,269	1,284	1,009	734	404	185	8	0	0
7.	Original Estimate	\$4,023	8,245	12,658	15,903	14,244	11,719	8,511	4,250	0	0	0	0	0	0	0	0	0	0	0	0
8.	Variance	(\$3,461)	(2,588)	(5,487)	(8,077)	(7,652)	(5,231)	(1,837)	1,197	3,699	2,271	1,062	1,269	1,284	1,009	734	404	185	8	0	0
9.	Income Taxes																				
10.	Current Estimate	(\$184)	(2,810)	(2,557)	(527)	(670)	(615)	(649)	(1,025)	(391)	(615)	(624)	(623)	(623)	(624)	(623)	(637)	(46)	0	0	0
11.	Original Estimate	\$3,106	5,329	7,823	9,875	8,484	6,851	4,622	1,564	0	0	0	0	0	0	0	0	0	0	0	0
12.	Variance	(\$3,290)	(8,039)	(10,380)	(10,402)	(9,154)	(7,466)	(5,271)	(2,589)	(391)	(615)	(624)	(623)	(623)	(624)	(623)	(637)	(46)	0	0	0
13.	Taxes Other Than Income Taxes																				
14.	Current Estimate	\$0	411	817	1,274	604	586	785	768	757	705	659	504	474	431	391	350	310	0	0	0
15.	Original Estimate	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16.	Variance	\$0	411	817	1,274	604	586	785	768	757	705	659	504	474	431	391	350	310	0	0	0
17.	Operation & Maintenance Diff.																				
18.	Current Estimate	\$124	1,106	2,322	3,675	3,858	3,759	3,556	3,640	3,512	3,684	3,789	3,851	3,986	4,134	4,287	4,446	4,610	4,780	4,958	763
19.	Original Estimate	\$750	811	1,876	886	1,311	1,314	1,426	1,547	0	0	0	0	0	0	0	0	0	0	0	0
20.	Variance	(\$626)	295	446	2,789	2,647	2,445	2,130	2,093	3,512	3,684	3,789	3,851	3,986	4,134	4,287	4,446	4,610	4,780	4,958	763
21.	Revenue Taxes																				
22.	Current Estimate	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23.	Original Estimate	\$171	323	481	570	509	444	358	243	0	0	0	0	0	0	0	0	0	0	0	0
24.	Variance	(\$171)	(323)	(481)	(570)	(509)	(444)	(358)	(243)	0	0	0	0	0	0	0	0	0	0	0	0

TAMPA ELECTRIC COMPANY
OIL BACK OUT VARIANCE ANALYSIS

October 1994 through March 1995

Line No.	Description	Actual 1983	Actual 1984	Actual 1985	Actual 1986	Actual 1987	Actual 1988	Actual 1989	Actual 1990	Actual 1991	Actual 1992	Actual 1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	
25.	Revenue Requirements																					
26.	Current Estimate	\$1,119	9,805	15,501	20,599	17,360	17,269	17,382	15,845	14,593	13,061	11,901	12,017	12,136	11,966	11,804	11,578	12,074	11,804	11,973	1,576	
27.	Original Estimate	\$10,870	20,484	30,566	35,960	32,293	28,173	22,762	15,449	0	0	0	0	0	0	0	0	0	0	0	0	
28.	Variance	(\$9,751)	(10,679)	(15,065)	(15,361)	(14,933)	(10,904)	(5,380)	396	14,593	13,061	11,901	12,017	12,136	11,966	11,804	11,578	12,074	11,804	11,973	1,576	
29.	Fuel Savings																					
30.	Current Estimate	\$4,050	20,142	35,339	4,292	14,193	1,526	15,848	20,196	(502)	1,307	(827)	(1,741)	(1,449)	(1,769)	284	2,309	2,417	17,003	20,581	1,718	
31.	Original Estimate	\$3,261	29,222	46,258	65,729	65,200	71,420	81,980	96,102	104,983	102,993	112,186	106,215	0	0	0	0	0	0	0	0	
32.	Variance	\$789	(9,080)	(10,919)	(61,437)	(51,007)	(69,894)	(66,092)	(75,906)	(105,685)	(101,686)	(112,943)	(107,916)	(1,449)	(1,769)	284	2,309	2,417	17,003	20,581	1,718	
33.	Additional Depreciation																					
34.	Current Estimate	\$1,954	6,891	13,225	120	27	0	1,677	3,359	(2,517)	0	0	0	0	0	0	0	0	0	4,130	5,739	(48)
35.	Original Estimate	\$0	0	273	7,859	11,174	19,440	31,891	19,555	0	0	0	0	0	0	0	0	0	0	0	0	0
36.	Variance	\$1,954	6,891	12,952	(7,739)	(11,147)	(19,440)	(30,214)	(16,196)	(2,517)	0	0	0	0	0	0	0	0	0	4,130	5,739	(48)
37.	Accumulated Depreciation *																					
38.	Current Estimate	\$2,571	14,903	35,876	44,347	51,350	58,401	67,094	77,468	81,966	88,982	95,997	103,013	110,028	117,044	124,059	131,074	138,089	149,235	161,989	162,754	
39.	Original Estimate	\$2,820	8,098	19,697	33,282	52,301	79,586	119,322	146,722	146,722	146,722	146,722	146,722	146,722	146,722	146,722	146,722	146,722	146,722	146,722	146,722	
40.	Variance	(\$249)	6,207	19,179	11,065	(951)	(21,185)	(52,228)	(69,254)	(64,756)	(57,740)	(50,725)	(43,709)	(36,694)	(29,678)	(22,663)	(15,648)	(8,633)	2,513	15,267	16,032	

* Includes 16% provision for cost of removal. (FPSC Order No. 19573, 19438)