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June 27, 1994

IN REPLY REFER TO:

HAND DELIVERED

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 | | 2. | Prepared Direct Testimony of Mary Jo Pennino and Exhibit (MJP-2) regarding Tampa Electric's projected Total Fuel and Purchased Power Cost Recovery Factors and Exhibit (MJP-3) regarding projected Capacity Cost Recovery Factors for the period October 1994 through March 1995. | 06359-94 |
| CAF | | | | |
| CMU | | | | |
| CTR | | | | |
| EAT | Dudley | 3. | Prepared Direct Testimony of William N. Cantrell with Exhibit (WNC-1) titled Exhibit of William N. Cantrell. | 06360-94 |
| LEG | Brown | | | |
| LIN | orig test | 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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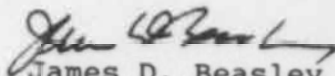
FPSC-BUREAU OF RECORDS

Ms. Blanca S. Bayo
June 27, 1994
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Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

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 27th day of June, 1994 to the following:

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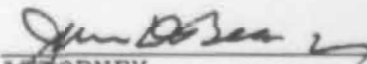
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ATTORNEY

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DOCKET NO. 940001-EI
TAMPA ELECTRIC COMPANY
SUBMITTED FOR FILING 6/27/94
(PRODUCTION)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
PREPARED DIRECT TESTIMONY
OF
GEORGE A. KESELOWSKY

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Q. Will you please state your name, business address, and employer?

A. My name is George A. Keselowsky and my business address is Post Office Box 111, Tampa, Florida 33601. I am employed by Tampa Electric Company.

Q. Please furnish us with a brief outline of your educational background and business experience.

A. I graduated in 1972 from the University of South Florida with a Bachelor of Science Degree in Mechanical Engineering. I have been employed by Tampa Electric Company in various engineering positions since that time. My current position is that of Senior Consulting Engineer - Production Engineering.

1 Q. What are your current responsibilities?

2

3 A. I am responsible for testing and reporting unit performance, and the compilation
4 and reporting of generation statistics.

5

6 Q. What is the purpose of your testimony?

7

8 A. My testimony presents Tampa Electric Company's methodology for determining
9 the various factors required to compute the Generating Performance Incentive
10 Factor (GPIF) as ordered by this Commission.

11

12 Q. Have you prepared an exhibit showing the various elements of the derivation of
13 Tampa Electric Company's GPIF formula?

14

15 A. Yes, I have prepared, under my direction and supervision, an exhibit entitled
16 "Tampa Electric Company, Generating Performance Incentive Factor" October
17 1994 - March 1995, consisting of 36 pages filed with the Commission on
18 June 27, 1994. (Have identified as Exhibit GAK-2). The data prepared within
19 this exhibit is consistent with the GPIF Implementation Manual previously
20 approved by this Commission.

21

22 Q. Which generating units on Tampa Electric Company's system are included in the
23 determination of your GPIF?

24

25 A. Six of our coal-fired units are included. These are: Gannon Station Units 5 and

1 6; and Big Bend Station Units 1, 2, 3, and 4.

2
3 Q. Will you describe how Tampa Electric Company evolved the various factors
4 associated with the GPIF as ordered by this Commission?

5
6 A. Yes. First, the two factors to be used, as set forth by the Commission Staff, are
7 unit availability and station heat rate.

8
9 Q. Please continue.

10
11 A. A target was established for equivalent availability for each unit considered for
12 this period. Heat rate targets were also established for each unit. A range of
13 potential improvement and degradation was determined for each of these
14 parameters.

15
16 Q. Would you describe how the target values for unit availability were determined?

17
18 A. Yes I will. The Planned Outage Factor (POF) and the Equivalent Unplanned
19 Outage Factor (EUOF) were subtracted from 100% to determine the target
20 equivalent availability. The factors for each of the 6 units included within the
21 GPIF are shown on page 5 of my exhibit. For example, the projected EUOF for
22 Gannon Unit Six is 14.8%. The Planned Outage Factor for this same unit during
23 this period is 9.3%. Therefore, the target equivalent availability for this unit
24 equals:
25

1 $100\% - [(14.8\% + 9.3\%)] = 75.9\%$

2

3 This is shown on page 4, column 3 of my exhibit.

4

5 Q. How was the potential for unit availability improvement determined?

6

7 A. Maximum equivalent availability is arrived at using the following formula.

8 Equivalent Availability Maximum

9 $EA_{MAX} = 100\% - [0.8 (EUOF_T) + 0.95 (POF_T)]$

10

11 The factors included in the above equations are the same factors that determine
12 target equivalent availability. To attain the maximum incentive points, a 20%
13 reduction in Forced Outage and Maintenance Outage Factors (EUOF), plus a 5%
14 reduction in the Planned Outage Factor (POF) will be necessary. Continuing with
15 our example on Gannon Unit Six:

16

17 $EA_{MAX} = 100\% - [0.8 (14.8\%) + 0.95 (9.3\%)] = 79.3\%$

18

19 This is shown on page 4, column 4 of my exhibit.

20

21 Q. How was the potential for unit availability degradation determined?

22

23 A. The potential for unit availability degradation is significantly greater than is the
24 potential for unit availability improvement. This concept was discussed
25 extensively and approved in earlier hearings before this Commission. Tampa

1 Electric Company's approach to incorporating this skewed effect into the unit
2 availability tables is to use a potential degradation range equal to twice the
3 potential improvement. Consequently, minimum equivalent availability is arrived
4 at via the following formula:

5
6 Equivalent Availability Minimum

7
$$EAF_{MIN} = 100\% - [1.4 (EUOF_T) + 1.10 (POF_T)]$$

8
9 Again, continuing with our example of Gannon Unit Five,

10
11
$$EAF_{MIN} = 100\% - [1.4 (14.8\%) + 1.1 (9.3\%)] = 69.0\%$$

12
13 Equivalent availability MAX and MIN for the other five units is computed in a
14 similar manner.

15
16 Q. How do you arrive at the Planned Outage, Maintenance Outage and Forced
17 Outage Factors?

18
19 A. Our planned outages for this period are shown on page 19 of my exhibit. A
20 Critical Path Method (C.P.M.) for each outage greater than two weeks which
21 affects GPIF is included in my exhibit. For example, Big Bend Unit 2 is
22 scheduled for a major unit inspection from October 15 to December 9, 1994.
23 There are 1344 planned outage hours scheduled for the winter 1994 period, and
24 a total of 4369 hours during this 6 month period. Consequently, the Planned
25 Outage Factor for Unit 2 at Big Bend is $1344/4369 \times 100\%$ or 30.8%. This

1 factor is shown on pages 5 and 16 of my exhibit. Big Bend Units 1 and 4, as
2 well as Gannon Unit 5 have planned outage factors of zero. Gannon Unit 6 has
3 a planned outage factor of 9.3% and Big Bend Unit 3 has a planned outage factor
4 of 19.2%.

5
6 Q. How did you arrive at the Forced Outage and Maintenance Outage Factors on
7 each unit?

8
9 A. Graphs of both of these factors (adjusted for planned outages) vs. time are
10 prepared. Both monthly data and 12 month moving average data are recorded.
11 For each unit the most current, March 1994, 12 month ending value was used as
12 a basis for the projection. This value was adjusted up or down by analyzing trends
13 and causes for recent forced and maintenance outages. All projected factors are
14 based upon historical unit performance, engineering judgment, time since last
15 planned outage, and equipment performance resulting in a forced or maintenance
16 outage. These target factors are additive and result in a EUOF of 11.9% for
17 Gannon Unit Five. The Equivalent Unplanned Outage Factor (EUOF) for
18 Gannon Unit Five is verified by the data shown on page 13, lines 3, 5, 10 and 11
19 of my exhibit and calculated using the formula:

20
21
$$\text{EUOF} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{\text{Period Hours}} \times 100$$

22 Period Hours

23 or

24
$$\text{EUOF} = \frac{(419 + 100)}{4369} \times 100 = 11.9\%$$

25 4369

1 Relative to Gannon Unit Five, the EUOF of 11.9% forms the basis of our
2 Equivalent Availability target development as shown on sheets 4 and 5 of my
3 exhibit.

4
5 Q. Please continue with your review of the remaining units.
6

7 Big Bend Unit One

8 A. The projected EUOF for this unit is 14.6% during this period. This unit will not
9 have a planned outage this period and the Planned Outage Factor is 0.0%. This
10 results in a target equivalent availability of 85.4% for the period.
11

12 Big Bend Unit Two

13 The projected EUOF for this unit is 6.9%. This unit will have a planned outage
14 during this period and the Planned Outage Factor is 30.8%. Therefore, the target
15 equivalent availability for this unit is 62.3%.
16

17 Big Bend Unit Three

18 The projected EUOF for this unit is 11.4% during this period. This unit will
19 have a planned outage this period and the Planned Outage Factor is 19.2%.
20 Therefore, the target equivalent availability for this unit is 69.4%.
21

22 Big Bend Unit Four

23 The projected EUOF for this unit is 10.6%. This unit will not have a planned
24 outage during this period and the Planned Outage Factor is 0.0%. This results
25 in a target equivalent availability of 89.4% for the period.

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Gannon Unit Five

The projected EUOF for this unit is 11.9%. This unit will not have a planned outage during this period and the Planned Outage Factor is 0.0%. Therefore, the target equivalent availability for this unit is 88.1%.

Gannon Unit Six

The projected EUOF for this unit is 14.8%. This unit will have a planned outage during this period and the Planned Outage Factor is 9.3%. Therefore, the target equivalent availability for this unit is 75.9%.

Q. Would you summarize your testimony regarding Equivalent Availability Factor (EAF), Equivalent Unplanned Outage Factor (EUOF) and Equivalent Unplanned Outage Rate (EUOR)?

A. Yes I will. Please note on page 5 that the GPIF system weighted Equivalent Availability Factor (EAF) equals 79.5%. This target compares very favorably to previous GPIF periods. The system weighted Equivalent Unplanned Outage Factor (EUOF) equals 11.6%. This target is especially worthy of note. It is better than three of the five previous periods and, in fact, is within 0.2% of being better or equal to the EUOF of four of the five previous periods. These targets represent an outstanding level of performance for our system.

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The projected EUOF for this unit is 11.9%. This unit will not have a planned outage during this period and the Planned Outage Factor is 0.0%. Therefore, the target equivalent availability for this unit is 88.1%.

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The projected EUOF for this unit is 14.8%. This unit will have a planned outage during this period and the Planned Outage Factor is 9.3%. Therefore, the target equivalent availability for this unit is 75.9%.

Q. Would you summarize your testimony regarding Equivalent Availability Factor (EAF), Equivalent Unplanned Outage Factor (EUOF) and Equivalent Unplanned Outage Rate (EUOR)?

A. Yes I will. Please note on page 5 that the GPIF system weighted Equivalent Availability Factor (EAF) equals 79.5 %. This target compares very favorably to previous GPIF periods. The system weighted Equivalent Unplanned Outage Factor (EUOF) equals 11.6%. This target is especially worthy of note. It is better than three of the five previous periods and, in fact, is within 0.2% of being better or equal to the EUOF of four of the five previous periods. These targets represent an outstanding level of performance for our system.

1 Q. As you graph and monitor Forced and Maintenance Outage Factors, why are they
2 adjusted for planned outage hours?
3

4 A. This adjustment makes these factors more accurate and comparable. Obviously,
5 a unit in a planned outage stage or reserve shutdown stage will not incur a forced
6 or maintenance outage. Since our units are usually base loaded, reserve shutdown
7 is generally not a factor. To demonstrate the effects of a planned outage, note the
8 EUOR and EUOF for Gannon Unit Six on page 14. During the month of
9 October and for December through February, EUOF and EUOR are equal. This
10 is due to the fact that no planned outages are scheduled during these months.
11 During the months of November and March, EUOR exceeds EUOF. The reason
12 for this difference is the scheduling of a planned outage. The adjusted factors
13 apply to the period hours after planned outage hours have been extracted.
14

15 Q. Does this mean that both rate and factor data are used in calculated data?
16

17 A. Yes it does. Rates provide a proper and accurate method of arriving at the unit
18 parameters. These are then converted to factors since they are directly additive.
19 That is, the Forced Outage Factor + Maintenance Outage Factor + Planned
20 Outage Factor + Equivalent Availability = 100%. Since factors are additive,
21 they are easier to work with and to understand.
22
23
24
25

1 Q. You previously stated that you had developed a CPM for your unit outages. How
2 do you use the CPM in conjunction with your planned outages?

3
4 A. The CPM's included in this exhibit are preliminary and include only the major
5 work activities we expect to accomplish during the planned outage. Planned
6 outages are very complex and are anticipated months in advance. The actual
7 CPM's utilized in the execution of the planned outage are detailed for all major
8 and minor work activities.

9
10 Since it is important to the company and beneficial to our Customers to control
11 outage length, we have implemented a computerized outage management system.
12 Essentially, this tool enables management to monitor outage progress, measure
13 activity results against previously established milestones, and verify timely
14 execution of all critical path events. This results in the shortest outage time
15 possible and the maximum utilization of all resources. Any reduction in planned
16 outage length directly improves unit equivalent availability.

17
18 Q. Has Tampa Electric Company prepared the necessary heat rate data required for
19 the determination of the Generating Performance Incentive Factor?

20
21 A. Yes. Target heat rates as well as ranges of potential operation have been
22 developed as required.

23
24
25

1 Q. On what basis were the heat rate targets determined?

2

3 A. Average net operating heat rates are determined and reported on a unit basis.
4 Therefore, all heat rate data pertaining to the GPIF is calculated on this basis.

5

6 Q. How were these targets determined?

7

8 A. Net heat rate data for the three most recent winter periods, along with the
9 PROMOD III program, formed the basis of our target development. Projections
10 of unit performance were made with the aid of PROMOD III. The historical data
11 and the target values are analyzed to assure applicability to current conditions of
12 operation. This provides assurance that any periods of abnormal operations, or
13 equipment modifications having material effect on heat rate can be taken into
14 consideration.

15

16 Q. Were any such circumstances of abnormal operation a consideration in your target
17 setting procedure?

18

19 A. No. All data points were used in target determination and formed a valid body
20 of data.

21

22 Q. Have you developed the heat rate targets in accordance with GPIF guidelines?

23

24 A. Yes.

25

1 Q. How were the ranges of heat rate improvement and heat rate degradation
2 determined?

3
4 A. The ranges were determined through analysis of historical net heat rate and net
5 output factor data. This is the same data from which the net heat rate vs. net
6 output factor curves have been developed for each station. This information is
7 shown on pages 28 through 33 of my exhibit.

8
9 Q. Would you elaborate on the analysis used in the determination of the ranges?

10
11 A. The net heat rate vs. net output factor curves are the results of a first order curve
12 fit to historical data. The standard error of the estimate of this data was
13 determined, and a factor was applied to produce a band of potential improvement
14 and degradation. Both the curve fit and the standard error of the estimate were
15 performed by computer program for each station. These curves are also used in
16 post period adjustments to actual heat rates to account for unanticipated changes
17 in unit dispatch.

18
19 Q. Can you summarize your heat rate projection for the winter 1994 period?

20
21 A. Yes. The heat rate target for Big Bend Unit 1 is 9,957 Btu/Net kwh. The range
22 about this value, to allow for potential improvement or degradation, is
23 ± 220 Btu/Net kwh. The heat rate target for Big Bend Unit 2 is 9,895 Btu/Net
24 kwh with a range of ± 240 Btu/Net kwh. The heat rate target for Big Bend
25 Unit 3 is 9,610 Btu/Net kwh, with a range of ± 187 Btu/Net kwh. The heat rate

1 target for Big Bend Unit 4 is 9,832 Btu/Net kwh with a range of ± 191 Btu/Net
2 kwh. The heat rate target for Gannon Unit 5 is 10,454 Btu/Net kwh with a range
3 of ± 413 Btu/Net kwh. The heat rate target for Gannon Unit 6 is 10,288 Btu/Net
4 kwh with a range of ± 343 Btu/Net kwh. A zone of tolerance of ± 75 Btu/Net
5 kwh is included within the range for each target. This is shown on page 4, and
6 pages 7 through 12 of my exhibit.

7
8 Q. Do you feel that the heat rate targets and ranges in your projection meet the
9 criteria of the GPIF and the philosophy of this Commission?

10
11 A. Yes I do.

12
13 Q. After determining the target values and ranges for average net operating heat rate
14 and equivalent availability, what is the next step in the GPIF?

15
16 A. The next step is to calculate the savings and weighing factor to be used for both
17 average net operating heat rate and equivalent availability. This is shown on pages
18 7 through 12. Our PROMOD III cost simulation model was used to calculate the
19 total system fuel cost if all units operated at target heat rate and target availability
20 for the period. This total system fuel cost of \$112,414,900 is shown on page 6
21 column 2.

22
23 The PROMOD III output was then used to calculate total system fuel cost with
24 each unit individually operating at maximum improvement in equivalent
25 availability and each station operating at maximum improvement in average net

1 operating heat rate. The respective savings are shown on page 6 column 4. After
2 all the individual savings are calculated, column 4 is totaled: \$3,396,100 reflects
3 the savings if all units operated at maximum improvement. A weighting factor
4 for each parameter is then calculated by dividing individual savings by the total.
5 For Big Bend Unit One, the weighting factor for equivalent availability is 6.41%
6 as shown in the right hand column on page 6. Pages 7 thru 12 show the point
7 table, the Fuel Savings/(Loss), and the equivalent availability or heat rate value.
8 The individual weighting factor is also shown. For example, on Big Bend Unit
9 One, page 9, if the unit operates at 88.3% equivalent availability, fuel savings
10 would equal \$217,600 and 10 equivalent availability points would be awarded.

11
12 The Generating Performance Incentive Factor Reward/Penalty Table on page 2
13 is a summary of the tables on pages 7 through 12. The left hand column of this
14 document shows the Tampa Electric Company's incentive points. The center
15 column shows the total fuel savings and is the same amount as shown on page 6,
16 column 4, \$3,396,100. The right hand column of page 2 is the estimated reward
17 or penalty based upon performance.

18
19 Q. How were the maximum allowed incentive dollars determined?

20
21 A. Referring to my exhibit on page 3, line 8, the estimated average common equity
22 for the period October 1994 - March 1995 is shown to be \$910,080,714. This
23 produces the maximum allowed jurisdictional incentive dollars of \$1,852,329
24 shown on line 15.
25

1 Q. Is there any other constraint set forth by this Commission regarding the magnitude
2 of incentive dollars?

3
4 A. Yes. Incentive dollars are not to exceed fifty percent of fuel savings. Page 2 of
5 my exhibit demonstrates that the incentive amount calculated on page 3 has been
6 reduced to meet this constraint.

7
8 Q. Do you wish to summarize your testimony on the GPIF?

9
10 A. Yes. To the best of my knowledge and understanding, Tampa Electric Company
11 has fully complied with the Commission's directions, philosophy, and
12 methodology in our determination of Generating Performance Incentive Factor.
13 The GPIF for Tampa Electric Company is expressed by the following formula for
14 calculating Generating Performance Incentive Points (GPIP):

$$\begin{aligned} \text{GPIP} = & (0.0130 \text{ EAP}_{\text{GUS}} + 0.0287 \text{ EAP}_{\text{GIN6}} \\ & + 0.0641 \text{ EAP}_{\text{BB1}} + 0.0337 \text{ EAP}_{\text{BB2}} \\ & + 0.0773 \text{ EAP}_{\text{BB3}} + 0.0972 \text{ EAP}_{\text{BB4}} \\ & + 0.0933 \text{ HRP}_{\text{GUS}} + 0.1366 \text{ HRP}_{\text{GIN6}} \\ & + 0.1363 \text{ HRP}_{\text{BB1}} + 0.1077 \text{ HRP}_{\text{BB2}} \\ & + 0.0902 \text{ HRP}_{\text{BB3}} + 0.1219 \text{ HRP}_{\text{BB4}}) \end{aligned}$$

21 Where:

22 GPIP = Generating performance incentive points.

23 EAP = Equivalent availability points awarded/deducted for
24 Units 5 and 6 at Gannon and Units 1, 2, 3 and 4 at Big Bend.

25 HRP = Average net heat rate points awarded/deducted for Units 5

and 6 at Gannon and Units 1, 2, 3 and 4 at Big Bend.

Q. Have you prepared a document summarizing the GPIF targets for the October 1994 - March 1995 period?

A. Yes. The availability and heat rate targets for each unit are listed on attachment "A" to this testimony entitled "Tampa Electric Company GPIF Targets, October 1, 1994 - March 31, 1995".

Q. Do you wish to sponsor an exhibit consisting of estimated unit performance data supporting the fuel adjustment?

A. Yes I do. (Have identified as Exhibit GAK-3).

Q. Briefly describe this exhibit.

A. This exhibit consists of 22 pages. This data is Tampa Electric Company's estimate of the Unit Performance Data and Unit Outage Data for the October 1994 - March 1995 period.

Q. Does this conclude your testimony?

A. Yes.

ATTACHMENT "A"
June 27, 1994

TAMPA ELECTRIC COMPANY
GPIF TARGETS
October 1, 1994 - March 31, 1995

Unit	Availability			Heat Rate
	EAF	POF	EUOF	
Gannon 5	88.1	0	11.9 ^{1/}	10,454 ^{1/}
Gannon 6	75.9	9.3	14.8 ^{2/}	10,288 ^{2/}
Big Bend 1	85.4	0	14.6 ^{3/}	9,957 ^{3/}
Big Bend 2	62.3	30.8	6.9 ^{4/}	9,895 ^{4/}
Big Bend 3	69.4	19.2	11.4 ^{5/}	9,610 ^{5/}
Big Bend 4	89.4	0	10.6 ^{6/}	9,832 ^{6/}

^{1/} Original Sheet 7.401.94E, Pg. 13

^{2/} Original Sheet 7.401.94E, Pg. 14

^{3/} Original Sheet 7.401.94E, Pg. 15

^{4/} Original Sheet 7.401.94E, Pg. 16

^{5/} Original Sheet 7.401.94E, Pg. 17

^{6/} Original Sheet 7.401.94E, Pg. 18

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
OCTOBER 1994 - MARCH 1995
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TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
REWARD/PENALTY TABLE - ESTIMATED
OCTOBER 1994 - MARCH 1995

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS/(LOSS) (\$000)	GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)
+10	3,396.1	1,690.1
+ 9	3,056.5	1,528.2
+ 8	2,716.9	1,358.4
+ 7	2,377.3	1,188.6
+ 6	2,037.7	1,018.8
+ 5	1,698.1	849.0
+ 4	1,358.4	679.2
+ 3	1,018.8	509.4
+ 2	679.2	339.6
+ 1	339.6	169.8
0	0.0	0.0
- 1	(454.5)	(169.8)
- 2	(909.0)	(339.6)
- 3	(1,363.5)	(509.4)
- 4	(1,818.0)	(679.2)
- 5	(2,272.4)	(849.0)
- 6	(2,726.9)	(1,018.8)
- 7	(3,181.4)	(1,188.6)
- 8	(3,635.9)	(1,358.4)
- 9	(4,090.4)	(1,528.2)
-10	(4,544.9)	(1,698.1)

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS
ESTIMATED
OCTOBER 1994 - MARCH 1995

Line 1	Beginning of period balance of common equity End of month common equity:	\$904,353,000
Line 2	Month of October 1994	\$891,995,000
Line 3	Month of November 1994	\$900,432,000
Line 4	Month of December 1994	\$908,949,000
Line 5	Month of January 1995	\$912,950,000
Line 6	Month of February 1995	\$921,585,000
Line 7	Month of March 1995	\$930,301,000
Line 8	(summation of line 1 through 7 divided by 7)	\$910,080,714
Line 9	25 Basis points	0.0025
Line 10	Revenue expansion factor	61.3738%
Line 11	Maximum allowed incentive Dollars (Line 8 times 9 divided by line 10 times 0.5)	\$1,853,561
Line 12	Jurisdictional Sales:	6,473,234 MWH
Line 13	Total Sales	6,477,539 MWH
Line 14	Jurisdictional Separation Factor (Line 12 divided by line 13)	99.93%
Line 15	Maximum Allowed Jurisdictional Incentive Dollars (Line 11 times Line 14)	\$1,852,329

TAMPA ELECTRIC COMPANY
 GPIF TARGET AND RANGE SUMMARY
 OCTOBER 1994 - MARCH 1995

EQUIVALENT AVAILABILITY

<u>PLANT/UNIT</u>	<u>WEIGHTING FACTOR (%)</u>	<u>EAF TARGET (%)</u>	<u>EAF MAX. (%)</u>	<u>RANGE MIN. (%)</u>	<u>MAX. FUEL SAVINGS (\$000)</u>	<u>MAX. FUE LOSS (\$000)</u>
GANNON 5	1.30%	88.1	90.5	83.3	44.0	(85.4)
GANNON 6	2.87%	75.9	79.3	69.0	97.5	(236.2)
BIG BEND 1	6.41%	85.4	88.3	79.6	217.6	(407.9)
BIG BEND 2	3.37%	62.3	65.3	56.6	114.4	(304.1)
BIG BEND 3	7.73%	69.4	72.6	62.9	262.5	(599.3)
BIG BEND 4	<u>9.72%</u>	89.4	91.5	85.2	<u>330.2</u>	<u>(582.1)</u>
GPIF SYSTEM	31.40%				1,066.2	(2,215.0)

AVERAGE NET OPERATING HEAT RATE
 FOR
GPIF COAL GENERATING UNITS

<u>PLANT/UNIT</u>	<u>WEIGHTING FACTOR (%)</u>	<u>ANOHR Btu/kwh</u>	<u>TARGET NOF</u>	<u>ANOHR TARGET RANGE MIN. MAX.</u>	<u>MAX. FUEL SAVINGS (\$000)</u>	<u>MAX. FUEL LOSS (\$000)</u>
GANNON 5	9.33%	10454	63.5	10041 10867	316.9	(316.9)
GANNON 6	13.66%	10288	63.1	9945 10631	464.0	(464.0)
BIG BEND 1	13.63%	9957	83.7	9737 10177	462.8	(462.8)
BIG BEND 2	10.77%	9895	85.6	9655 10135	365.8	(365.8)
BIG BEND 3	9.02%	9610	82.8	9423 9797	306.4	(306.4)
BIG BEND 4	<u>12.19%</u>	9832	93.9	9641 10023	<u>414.0</u>	<u>(414.0)</u>
GPIF SYSTEM	68.60%				2,329.9	(2,329.9)

TAMPA ELECTRIC COMPANY

COMPARISON OF GPF TARGETS VS. PRIOR PERIOD ACTUAL PERFORMANCE

AVAILABILITY

PLANT/UNIT	TARGET WEIGHTING FACTOR	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD OCT 91 - MAR 92			ACTUAL PERFORMANCE OCT 91 - MAR 91			ACTUAL PERFORMANCE APR 91 - SEP 91			ACTUAL PERFORMANCE OCT 92 - MAR 93			ACTUAL PERFORMANCE APR 92 - SEP 92			ACTUAL PERFORMANCE OCT 91 - MAR 92		
			POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
BIG BEND 1	0.41%	20.4	0.0	14.0	14.0	0.0	14.5	14.0	0.0	14.2	14.2	0.3	10.0	21.4	20.0	11.8	14.0	0.0	0.0	7.1
BIG BEND 2	3.37%	10.7	30.0	0.0	0.0	0.0	7.3	7.3	3.0	0.5	0.0	3.0	10.4	10.0	0.0	11.7	11.7	23.2	0.5	0.5
BIG BEND 3	7.73%	24.0	19.2	11.4	14.1	0.5	0.1	0.0	11.0	12.0	14.5	10.7	10.1	23.5	0.0	11.0	11.0	2.0	14.1	14.5
BIG BEND 4	0.72%	31.0	0.0	10.0	10.0	5.1	6.0	0.3	0.0	15.3	15.3	0.0	5.0	5.0	0.0	11.0	11.0	21.3	10.7	13.0
GANNON 5	1.30%	4.1	0.0	11.0	11.0	4.1	5.7	0.0	20.0	10.0	15.5	0.0	0.0	0.0	0.0	10.5	10.5	0.0	12.0	12.0
GANNON 6	2.07%	9.1	9.3	14.0	10.3	29.3	8.0	17.2	14.0	10.3	19.0	30.1	0.2	0.0	0.0	14.0	15.0	0.0	22.5	22.5
GPF SYSTEM WGTD AVG	31.40%	100.0	0.0	11.0	12.0	0.0	0.1	0.3	5.0	13.0	14.5	0.5	12.5	14.3	4.1	11.0	12.5	11.1	11.4	12.7
GPF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY			79.8			89.0			89.0			79.0			84.0			77.5		

6 PERIOD AVERAGE
POF EUOF EUOR
7.3 11.5 12.0

6 PERIOD AVERAGE
EAF
01.2

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT/UNIT	TARGET WEIGHTING FACTOR	NORMALIZED WEIGHTING FACTOR	HEAT RATE		ADJUSTED PRIOR HEAT RATE		ADJUSTED PRIOR HEAT RATE		ADJUSTED PRIOR HEAT RATE	
			TARGET	OCT 92 - MAR 94	OCT 92 - MAR 94	OCT 92 - MAR 94	OCT 92 - MAR 94	OCT 92 - MAR 94	OCT 92 - MAR 94	OCT 92 - MAR 94
GANNON 5	0.33%	13.0	10464	10460	10340	10514				
GANNON 6	13.00%	10.0	10200	10307	10424	10400				
BIG BEND 1	13.63%	10.0	9967	9904	9974	10014				
BIG BEND 2	10.77%	10.7	9805	9830	10080	10013				
BIG BEND 3	0.02%	13.1	9910	9990	10077	10008				
BIG BEND 4	12.10%	17.0	9932	9907	9992	9992				
	00.00%	100.0								
GPF SYSTEM WEIGHTED AVERAGE H.R. (Btu/kwh)			10013	10053	10125	10157				

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ORIGINAL SHEET NO. 7.401.94E

TAMPA ELECTRIC COMPANY
DERIVATION OF WEIGHTING FACTORS
OCTOBER 1994 - MARCH 1995
PRODUCTION COSTING SIMULATION
FUEL COST (\$000)

UNIT PERFORMANCE INDICATOR	AT TARGET (1)	IMPROVEMENT (2)	SAVINGS (3)	WEIGHTING FACTOR (% OF SAVINGS)
EQUIVALENT AVAILABILITY				
EA ₁ GANNON 5	112414.9	112370.9	44.0	1.30%
EA ₂ GANNON 6	112414.9	112317.4	97.5	2.87%
EA ₃ BIG BEND 1	112414.9	112197.3	217.6	6.41%
EA ₄ BIG BEND 2	112414.9	112300.5	114.4	3.37%
EA ₅ BIG BEND 3	112414.9	112152.4	262.5	7.73%
EA ₆ BIG BEND 4	112414.9	112084.7	330.2	9.72%
HEAT RATE				
AHR ₁ GANNON 5	112414.9	112098.0	316.9	9.33%
AHR ₂ GANNON 6	112414.9	111950.9	464.0	13.66%
AHR ₃ BIG BEND 1	112414.9	111952.1	462.8	13.63%
AHR ₄ BIG BEND 2	112414.9	112049.1	365.8	10.77%
AHR ₅ BIG BEND 3	112414.9	112108.5	306.4	9.02%
AHR ₆ BIG BEND 4	112414.9	112000.9	414.0	12.19%
TOTAL SAVINGS			3396.1	100.00%

(1) Fuel adjustment Base Case - All unit performance indicators at target.

(2) All other unit performance indicators at target.

(3) Expressed in replacement energy cost.

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
OCTOBER 1994 - MARCH 1995
GANNON 5

<u>EQUIVALENT AVAILABILITY POINTS</u>	<u>FUEL SAVINGS/(LOSS) (\$/1000)</u>	<u>ADJUSTED ACTUAL EQUIVALENT AVAILABILITY</u>	<u>AVERAGE HEAT RATE POINTS</u>	<u>FUEL SAVINGS/(LOSS) (\$/1000)</u>	<u>ADJUSTED ACTUAL AVERAGE HEAT RATE</u>
+10	44.0	90.5	+10	316.5	10041
+9	39.6	90.3	+9	285.3	10075
+8	35.2	90.0	+8	253.5	10109
+7	30.8	89.8	+7	221.8	10142
+6	26.4	89.5	+6	190.1	10176
+5	22.0	89.3	+5	158.5	10210
+4	17.6	89.1	+4	126.8	10244
+3	13.2	88.8	+3	95.1	10278
+2	8.8	88.6	+2	63.4	10311
+1	4.4	88.3	+1	31.7	10345
				0.0	10379
0	0.0	88.1	0	0.0	10451
				0.0	10521
-1	(8.5)	87.6	-1	(31.7)	10563
-2	(17.1)	87.1	-2	(63.4)	10597
-3	(25.6)	86.7	-3	(95.1)	10630
-4	(34.2)	86.2	-4	(126.8)	10664
-5	(42.7)	85.7	-5	(158.5)	10698
-6	(51.2)	85.2	-6	(190.1)	10732
-7	(59.8)	84.7	-7	(221.8)	10766
-8	(68.3)	84.3	-8	(253.5)	10799
-9	(76.9)	83.8	-9	(285.2)	10833
-10	(85.4)	83.3	-10	(316.9)	10867

Weighting Factor =

1.30%

Weighting Factor =

9.33%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
OCTOBER 1994 - MARCH 1995
GANNON 6

<u>EQUIVALENT AVAILABILITY POINTS</u>	<u>FUEL SAVINGS/(LOSS) (\$1000)</u>	<u>ADJUSTED ACTUAL EQUIVALENT AVAILABILITY</u>	<u>AVERAGE HEAT RATE POINTS</u>	<u>FUEL SAVINGS/(LOSS) (\$1000)</u>	<u>ADJUSTED ACTUAL AVERAGE HEAT RATE</u>
+10	97.5	79.3	+10	464.0	9965
+9	87.8	79.0	+9	417.6	9972
+8	78.0	78.6	+8	371.2	9990
+7	68.3	78.3	+7	324.8	10025
+6	58.5	77.9	+6	278.4	10052
+5	48.8	77.6	+5	232.0	10079
+4	39.0	77.3	+4	185.6	10106
+3	29.3	76.9	+3	139.2	10133
+2	19.5	76.6	+2	92.8	10159
+1	9.8	76.2	+1	46.4	10186
				0.0	10213
0	0.0	75.9	0	0.0	10287
				0.0	10363
-1	(23.6)	75.2	-1	(46.4)	10390
-2	(47.2)	74.5	-2	(92.8)	10417
-3	(70.9)	73.8	-3	(139.2)	10443
-4	(94.5)	73.1	-4	(185.6)	10470
-5	(118.1)	72.5	-5	(232.0)	10497
-6	(141.7)	71.8	-6	(278.4)	10524
-7	(165.3)	71.1	-7	(324.8)	10551
-8	(189.0)	70.4	-8	(371.2)	10577
-9	(212.6)	69.7	-9	(417.6)	10604
-10	(236.2)	69.0	-10	(464.0)	10631

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

OCTOBER 1994 - MARCH 1995

BIG BEND 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$x1000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS/(LOSS) (\$x1000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	217.6	88.3	+10	462.8	9737
+9	195.8	88.0	+9	416.5	9752
+8	174.1	87.7	+8	370.2	9766
+7	152.3	87.4	+7	324.0	9781
+6	130.6	87.1	+6	277.7	9795
+5	108.8	86.9	+5	231.4	9810
+4	87.0	86.6	+4	185.1	9824
+3	65.3	86.3	+3	138.8	9839
+2	43.5	86.0	+2	92.6	9853
+1	21.8	85.7	+1	46.3	9868
0	0.0	85.4	0	0.0	9882
-1	(40.8)	84.8	-1	(46.3)	9957
-2	(81.6)	84.2	-2	(92.6)	10032
-3	(122.4)	83.7	-3	(138.8)	10047
-4	(163.2)	83.1	-4	(185.1)	10061
-5	(204.0)	82.5	-5	(231.4)	10076
-6	(244.7)	81.9	-6	(277.7)	10090
-7	(285.5)	81.3	-7	(324.0)	10105
-8	(326.3)	80.8	-8	(370.2)	10119
-9	(367.1)	80.2	-9	(416.5)	10134
-10	(407.9)	79.6	-10	(462.8)	10148

Weighting Factor =

0.41%

Weighting Factor =

13.83%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
OCTOBER 1994 - MARCH 1995
BIG BEND 2

<u>EQUIVALENT AVAILABILITY POINTS</u>	<u>FUEL SAVINGS/(LOSS) (\$/1000)</u>	<u>ADJUSTED ACTUAL EQUIVALENT AVAILABILITY</u>	<u>AVERAGE HEAT RATE POINTS</u>	<u>FUEL SAVINGS/(LOSS) (\$/1000)</u>	<u>ADJUSTED ACTUAL AVERAGE HEAT RATE</u>
+10	114.4	65.3	+10	345.8	9655
+9	103.0	65.0	+9	329.2	9672
+8	91.5	64.7	+8	292.6	9688
+7	80.1	64.4	+7	256.1	9705
+6	68.6	64.1	+6	219.5	9721
+5	57.2	63.8	+5	182.9	9738
+4	45.8	63.5	+4	146.3	9754
+3	34.3	63.2	+3	109.7	9771
+2	22.9	62.9	+2	73.2	9787
+1	11.4	62.6	+1	36.6	9804
				0.0	9820
0	0.0	62.3	0	0.0	9835
				0.0	9870
-1	(30.4)	61.7	-1	(36.6)	9987
-2	(60.8)	61.2	-2	(73.2)	10003
-3	(91.2)	60.6	-3	(109.7)	10020
-4	(121.6)	60.0	-4	(146.3)	10036
-5	(152.1)	59.4	-5	(182.9)	10053
-6	(182.5)	58.9	-6	(219.5)	10069
-7	(212.9)	58.3	-7	(256.1)	10086
-8	(243.3)	57.7	-8	(292.6)	10102
-9	(273.7)	57.2	-9	(329.2)	10119
-10	(304.1)	56.6	-10	(365.8)	10135

Weighting Factor = 3.37%

Weighting Factor = 10.77%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
OCTOBER 1994 - MARCH 1995
BIG BEND 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$x1000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS/(LOSS) (\$x1000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	262.5	72.6	+10	306.4	9423
+9	236.3	72.3	+9	275.8	9434
+8	210.0	72.0	+8	245.1	9445
+7	183.8	71.6	+7	214.5	9457
+6	157.5	71.3	+6	183.8	9468
+5	131.3	71.0	+5	153.2	9479
+4	105.0	70.7	+4	122.6	9490
+3	78.8	70.4	+3	91.9	9501
+2	52.5	70.0	+2	61.3	9513
+1	26.3	69.7	+1	30.6	9524
				0.0	9535
0	0.0	69.4	0	0.0	9610
				0.0	9685
-1	(59.9)	68.8	-1	(30.6)	9696
-2	(119.9)	68.1	-2	(61.3)	9707
-3	(179.8)	67.5	-3	(91.9)	9719
-4	(239.7)	66.8	-4	(122.6)	9730
-5	(299.7)	66.2	-5	(153.2)	9741
-6	(359.6)	65.5	-6	(183.8)	9752
-7	(419.5)	64.9	-7	(214.5)	9763
-8	(479.4)	64.2	-8	(245.1)	9775
-9	(539.4)	63.6	-9	(275.8)	9786
-10	(599.3)	62.9	-10	(306.4)	9797

Weighting Factor =

7.73%

Weighting Factor =

9.02%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
OCTOBER 1994 - MARCH 1995
BIG BEND 4

<u>EQUIVALENT AVAILABILITY POINTS</u>	<u>FUEL SAVINGS/(LOSS) (\$x1000)</u>	<u>ADJUSTED ACTUAL EQUIVALENT AVAILABILITY</u>	<u>AVERAGE HEAT RATE POINTS</u>	<u>FUEL SAVINGS/(LOSS) (\$x1000)</u>	<u>ADJUSTED ACTUAL AVERAGE HEAT RATE</u>
+10	330.2	91.5	+10	414.0	9641
+9	297.2	91.3	+9	372.6	9653
+8	264.2	91.1	+8	331.2	9664
+7	231.1	90.9	+7	289.8	9676
+6	198.1	90.7	+6	248.4	9687
+5	165.1	90.5	+5	207.0	9699
+4	132.1	90.2	+4	165.6	9711
+3	99.1	90.0	+3	124.2	9722
+2	66.0	89.8	+2	82.8	9734
+1	33.0	89.6	+1	41.4	9745
				0.0	9757
0	0.0	89.4	0	0.0	9832
				0.0	9907
-1	(58.2)	89.0	-1	(41.4)	9919
-2	(116.4)	88.6	-2	(82.8)	9930
-3	(174.6)	88.1	-3	(124.2)	9942
-4	(232.8)	87.7	-4	(165.6)	9953
-5	(291.1)	87.3	-5	(207.0)	9965
-6	(349.3)	86.9	-6	(248.4)	9977
-7	(407.5)	86.5	-7	(289.8)	9988
-8	(465.7)	86.0	-8	(331.2)	10000
-9	(523.9)	85.6	-9	(372.6)	10011
-10	(582.1)	85.2	-10	(414.0)	10023

Weighting Factor =

9.72%

Weighting Factor =

12.19%

TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT GANNON 5	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	88.1	88.1	88.2	88.2	88.1	88.2	88.1
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	11.9	11.9	11.8	11.8	11.9	11.8	11.9
4. EUOR (%)	11.9	11.9	11.8	11.8	11.9	11.8	11.9
5. PH	745	720	744	744	672	744	4369
6. SH	559	667	428	416	485	615	3170
7. RSH	0	0	0	0	0	0	0
8. UH	186	53	316	328	187	129	1199
9. PCH	0	0	0	0	0	0	0
10. FCH & EFOH	72	69	71	71	65	71	419
11. MCH & EMOH	17	17	17	17	15	17	100
12. OPER STU (GBTU)	953.005	1008.268	640.694	524.650	677.922	973.656	4778.195
13. NET GEN (MWH)	91004	96494	61647	49489	64671	93746	457051
14. ANOHR (STU/KWH)	10472	10449	10393	10601	10483	10386	10454
15. NOF (%)	71.7	63.7	63.5	52.4	58.7	67.2	63.5
16. NSC (H/W)	227	227	227	227	227	227	227

17. ANCHR EQUATION: $ANCHR = NOF (-21.1260) + 11795.9$

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DOCKET NO. : 940001-EI

**TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995**

PLANT/UNIT GANNON 6	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	83.6	55.6	83.6	83.6	83.6	65.1	75.9
2. POF (%)	0.0	33.3	0.0	0.0	0.0	22.6	9.3
3. EUOF (%)	16.4	10.8	16.4	16.4	16.4	12.4	14.6
4. EUOR (%)	16.4	16.3	16.4	16.4	16.4	16.0	16.3
5. PH	745	720	744	744	672	744	4369
6. SH	668	432	668	668	604	519	3559
7. RSH	0	0	0	0	0	0	0
8. UM	77	288	76	76	68	225	610
9. POH	0	240	0	0	0	168	408
10. FOH & EFOH	103	66	103	103	93	79	547
11. MOH & EMOH	19	12	19	19	17	13	99
12. OPER BTU (GBTU)	1702.577	1110.421	1531.533	1309.019	1382.579	1328.765	8364.694
13. NET GEN (MWH)	165357	108946	148990	125008	134413	130384	613098
14. ANOHR (BTU/KWH)	10296	10192	10279	10471	10286	10191	10286
15. NOF (%)	68.4	69.7	61.6	51.7	61.5	69.4	63.1
16. NSC (MW)	362	362	362	362	362	362	362

17. ANOHR EQUATION:

$$\text{ANOHR} = \text{NOF} (-13.9670) + 11169.0$$

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DOCKET NO. 940001-EI

TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 1	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD: WINTER 1994
1. EAF (%)	85.5	85.4	85.5	85.5	85.4	85.1	85.4
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	14.5	14.6	14.5	14.5	14.6	14.9	14.6
4. EUOR (%)	14.5	14.6	14.5	14.5	14.6	14.9	14.6
5. PH	745	720	744	744	672	744	4369
6. SH	667	645	667	667	602	670	3918
7. RSH	0	0	0	0	0	0	0
8. UH	78	75	77	77	70	74	451
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	83	81	83	83	75	84	489
11. MOH & EMOH	25	24	25	25	23	27	149
12. OPER BTU (GBTU)	2196.780	2046.335	2223.233	2267.695	2113.390	2379.012	13226.445
13. NET GEN (MWH)	217822	203748	224760	228919	213623	239548	1328418
14. ANOHR (BTU/KWH)	10085	10044	9892	9906	9893	9931	9957
15. NOF (%)	80.6	78.0	83.2	84.7	87.6	88.3	83.7
16. NSC (MW)	405	405	405	405	405	405	405
17. ANOHR EQUATION:	$\text{ANOHR} = \text{NOF} (-6.2146) + 10476.7$						

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 2	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	40.8	0.0	64.0	90.1	90.0	90.1	62.3
2. POF (%)	54.8	100.0	29.0	0.0	0.0	0.0	30.8
3. EUOF (%)	4.4	0.0	7.0	9.9	10.0	9.9	6.9
4. EUOR (%)	9.0	0.0	9.8	9.9	10.0	9.9	9.9
5. PH	745	720	744	744	672	744	4369
6. SH	317	0	497	701	633	701	2849
7. RSH	0	0	0	0	0	0	0
8. UH	428	720	247	43	39	43	1520
9. POH	408	720	216	0	0	0	1304
10. FOH & EFOH	24	0	37	53	48	53	215
11. MOH & EMOH	9	0	15	21	19	21	95
12. OPER BTU (GBTU)	1188.044	0.000	1703.740	2298.259	2154.438	2455.672	9800.153
13. NET GEN (MWH)	119671	0	172464	231899	217901	248502	990437
14. ANOHR (BTU/KWH)	9928	0	9879	9911	9887	9882	9895
15. NOF (%)	93.0	0.0	85.5	81.5	84.8	87.3	85.6
16. NSC (MW)	406	406	406	406	406	406	406

17. ANOHR EQUATION:

$$\text{ANOHR} = \text{NOF} (-0.4477) + 9933.1$$

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DOCKET NO. : 940001-EI

ORIGINAL SHEET NO. 7.401.94E

TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 3	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	85.9	85.8	85.9	85.9	73.7	0.0	68.4
2. POF (%)	0.0	0.0	0.0	0.0	14.3	100.0	19.2
3. EUOF (%)	14.1	14.2	14.1	14.1	12.0	0.0	11.4
4. EUOR (%)	14.1	14.2	14.1	14.1	14.0	0.0	14.1
5. PH	745	720	744	744	672	744	4369
6. SH	667	645	667	667	516	0	3163
7. RSH	0	0	0	0	0	0	0
8. UH	78	75	77	77	158	744	1206
9. POH	0	0	0	0	96	744	840
10. FOH & EFOH	78	76	78	78	61	0	371
11. MOH & EMOH	27	26	27	27	20	0	127
12. OPER BTU (GBTU)	2511.771	2400.540	2125.245	2080.289	1707.130	0.000	10824.985
13. NET GEN (MWH)	259701	249074	222276	217184	178191	0	11264.26
14. ANOHR (BTU/KWH)	9672	9638	9461	9578	9580	0	9310
15. NOF (%)	90.5	89.8	77.5	75.7	80.3	0.0	82.8
16. NSC (MW)	430	430	430	430	430	430	430

17. ANOHR EQUATION: $\text{ANOHR} = \text{NOF} (-11.5480) + 10566.2$

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EFFECTIVE: 10/01/94
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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 4	MONTH OF: OCT '94	MONTH OF: NOV '94	MONTH OF: DEC '94	MONTH OF: JAN '95	MONTH OF: FEB '95	MONTH OF: MAR '95	PERIOD WINTER 1994
1. EAF (%)	89.4	89.4	89.4	89.4	89.4	89.4	89.4
2. PCF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
4. EUOR (%)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
5. PH	745	720	744	744	672	744	4369
6. SH	693	671	693	693	626	694	4070
7. RSH	0	0	0	0	0	0	0
8. LSH	52	49	51	51	46	50	299
9. POH	0	0	0	0	0	0	0
10. POH & EPOH	60	58	60	60	54	62	354
11. MOH & EMOH	19	18	19	19	17	17	106
12. OPER STU (QSTU)	2645.147	3475.250	2726.464	2704.719	2463.018	2744.485	16759.085
13. NET GEN (MWH)	283608	272472	294480	292088	266032	295824	1704804
14. ANOHR (BTU/KWH)	9327	12755	9259	9260	9258	9277	9832
15. NOF (%)	91.8	91.0	95.3	94.5	95.3	95.8	93.9
16. NSC (MW)	446	446	446	446	446	446	446

17. ANOHR EQUATION:

$$\text{ANOHR} = \text{NOF} (-17.5630) + 11481.4$$

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TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ESTIMATED)
GPIF UNITS
OCTOBER 1994 - MARCH 1994

PLANT/UNIT	PLANNED OUTAGE DATES	OUTAGE REASONS
+ GANNON 6	OCT 4 - OCT 13	FUEL SYSTEM CLEAN-UP
BIG BEND 2	OCT 15 - DEC 9	PENTHOUSE PRESSUREIZATION REPLACE HTRH REPLACE PULV. SH/THROAT LINERS REPLACE LOWER WW TUBES REPLACE HT. GAS DUCT (PHASE 1) REPLACE BOILER FLOOR TUBES BOILER CHEMICAL CLEAN HP INSPECTION LP TURBINE MODIFICATION INSPECT GOV. VV'S THRTL. INT. VV'S GENERATOR INSPECTION PRECIPITATOR REPAIRS
* BIG BEND 3	FEB 25 - APR 14	GENERATOR INSPECTION (BORESONIC) REPLACE LH WW TUBES REPLACE PULVERIZER BULL GEAR REPLACE A/B/C MILL CLASSIFIER BURNER MANAGEMENT
+ GANNON 6	MAR 25 - MAR 31	FUEL SYSTEM CLEAN-UP

* OUTAGE START/END DATE OUT OF GPIF PERIOD

+ CPM'S WERE NOT INCLUDED FOR THESE UNITS. OUTAGES ARE LESS THAN 2 WEEKS

TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 3	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	85.9	85.8	85.9	85.9	73.7	0.0	69.4
2. POF (%)	0.0	0.0	0.0	0.0	14.3	100.0	19.2
3. EUOF (%)	14.1	14.2	14.1	14.1	12.0	0.0	11.4
4. EUOR (%)	14.1	14.2	14.1	14.1	14.0	0.0	14.1
5. PH	745	720	744	744	672	744	4369
6. SH	667	645	667	667	516	0	3163
7. RSH	0	0	0	0	0	0	0
8. UH	78	75	77	77	156	744	1206
9. POH	0	0	0	0	96	744	840
10. FOH & EFOH	78	76	78	78	61	0	371
11. MOH & EMOH	27	26	27	27	20	0	127
12. OPER BTU (GJ/TU)	2511.779	2400.540	2125.245	2080.289	1707.130	0.000	10824.983
13. NET GEN (MVAH)	259701	249074	222276	217184	178191	0	1126426
14. ANOHR (BTU/KWH)	9672	9638	9561	9578	9580	0	9610
15. NOF (%)	90.5	89.8	77.5	75.7	80.3	0.0	82.8
16. NSC (MW)	430	430	430	430	430	430	430

17. ANOHR EQUATION:

$$\text{ANOHR} = \text{NOF} (-11.5480) + 10566.2$$

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EFFECTIVE: 10/01/94
DOCKET NO. : 940001 - E1

TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 4	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	89.4	89.4	89.4	89.4	89.4	89.4	89.4
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
4. EUOR (%)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
5. PH	745	720	744	744	672	744	4369
6. SH	693	671	693	693	626	694	4070
7. RSH	0	0	0	0	0	0	0
8. UH	52	49	51	51	46	50	2917
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	60	58	60	60	54	62	354
11. MOH & EMOH	19	18	19	19	17	17	109
12. OPER BTU (GBTU)	2645.147	3475.250	2726.464	2704.719	2463.018	2744.485	16799.083
13. NET GEN (MWH)	283608	272472	294480	292088	264032	295824	1704504
14. ANOHR (BTU/KWH)	9327	12755	9259	9260	9258	9277	9832
15. NOF (%)	91.8	91.0	95.3	94.5	95.3	95.6	93.9
16. NSC (MW)	446	446	446	446	446	446	446

17. ANOHR EQUATION:

$$\text{ANOHR} = \text{NOF} (-17.5630) + 11481.4$$

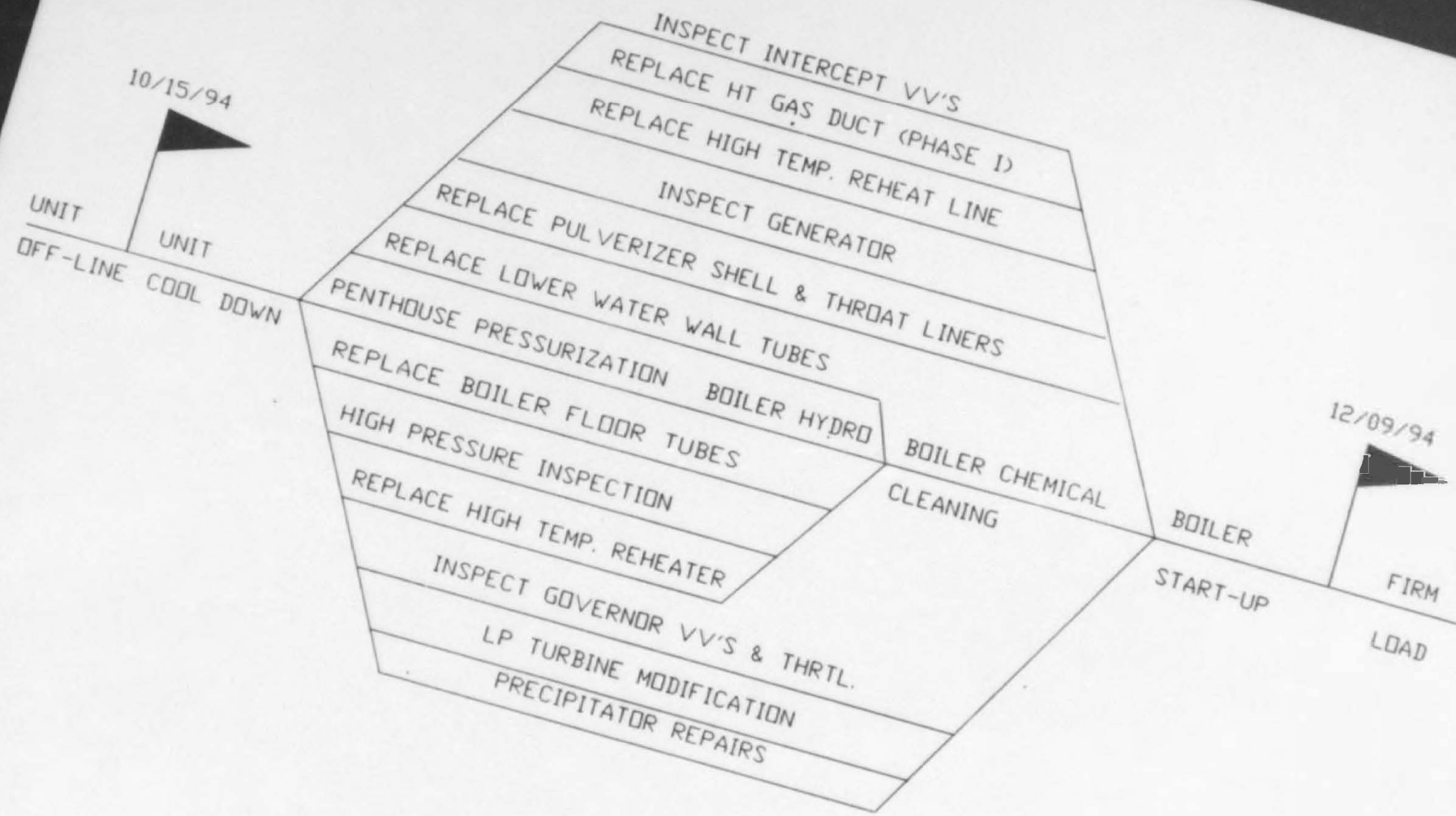
FILED:
SUSPENDED:
EFFECTIVE: 10/01/94
DOCKET NO. : 940001 - E1

TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ESTIMATED)
GPIF UNITS
OCTOBER 1994 - MARCH 1995

PLANT/UNIT	PLANNED OUTAGE DATES	OUTAGE REASONS
+ GANNON 8	OCT 4 - OCT 13	FUEL SYSTEM CLEAN-UP
BIG BEND 2	OCT 15 - DEC 10	PENTHOUSE PRESSUREIZATION REPLACE HTRM REPLACE PULV. SH/THROAT LINERS REPLACE LOWER WW TUBES REPLACE HT GAS DUCT PHASE 1 REPLACE BOILER FLOOR TUBES BOILER CHEMICAL CLEAN HP INSPECTION LP TURBINE MODIFICATION INSPECT GOV. VV'S THRTL. INT. VV'S GENERATOR INSPECTION PRECIPITATOR REPAIRS
* BIG BEND 3	FEB 25 - APR 14	GENERATOR INSPECTION (ULTRASONIC) REPLACE LH WW TUBES REPLACE PULVERIZER BULL GEAR REPLACE A/MC MILL CLASSIFIER BURNER MANAGEMENT
+ GANNON 8	MAR 25 - MAR 31	FUEL SYSTEM CLEAN-UP

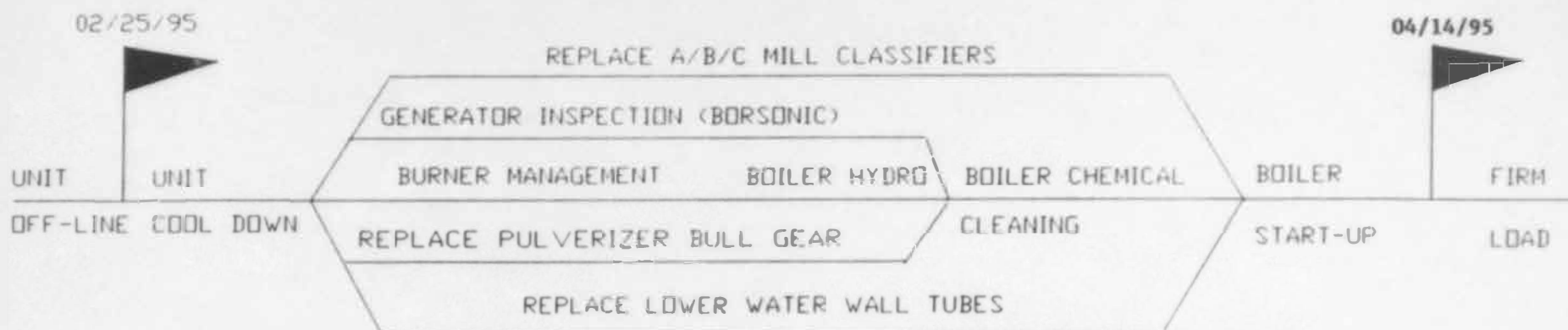
* OUTAGE START/END DATE OUT OF GPIF PERIOD

* CPM'S WERE NOT INCLUDED FOR THESE UNITS. OUTAGES ARE LESS THAN 2 WEEKS



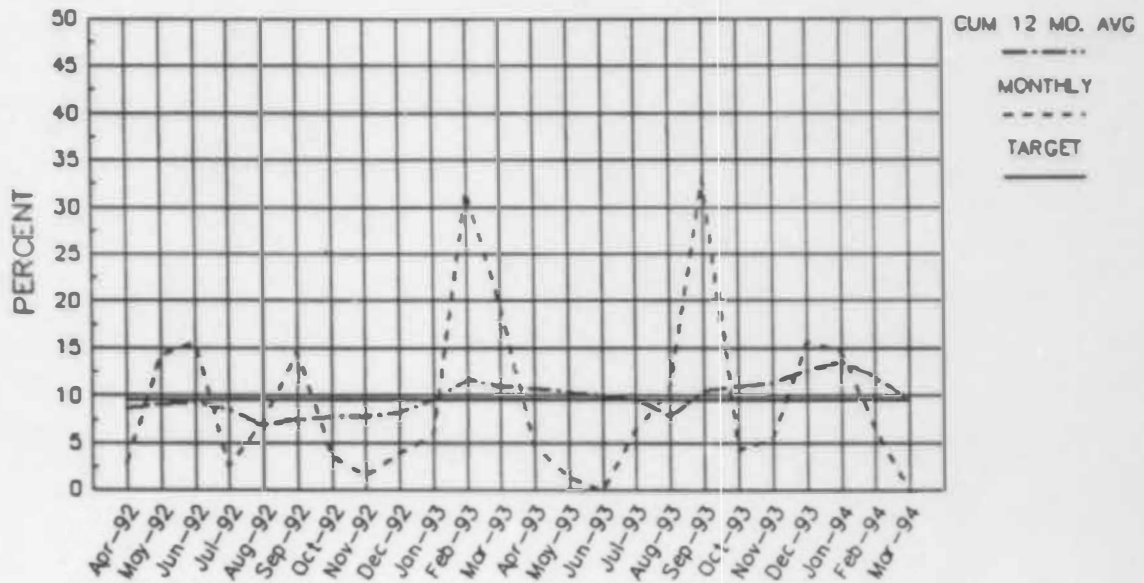
TAMPA ELECTRIC COMPANY
BIG BEND UNIT NO. 2
PLANNED OUTAGE 1994
PRELIMINARY CPM
04/25/94

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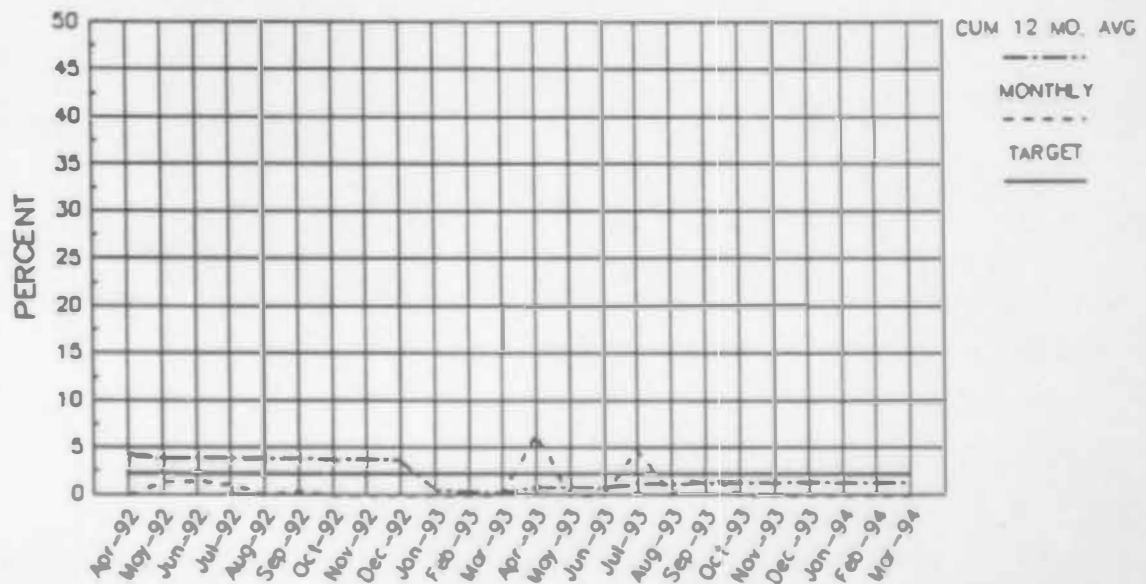


TAMPA ELECTRIC COMPANY
 BIG BEND UNIT NO. 3
 PLANNED OUTAGE 1995
 PRELIMINARY CPM
 04/21/94

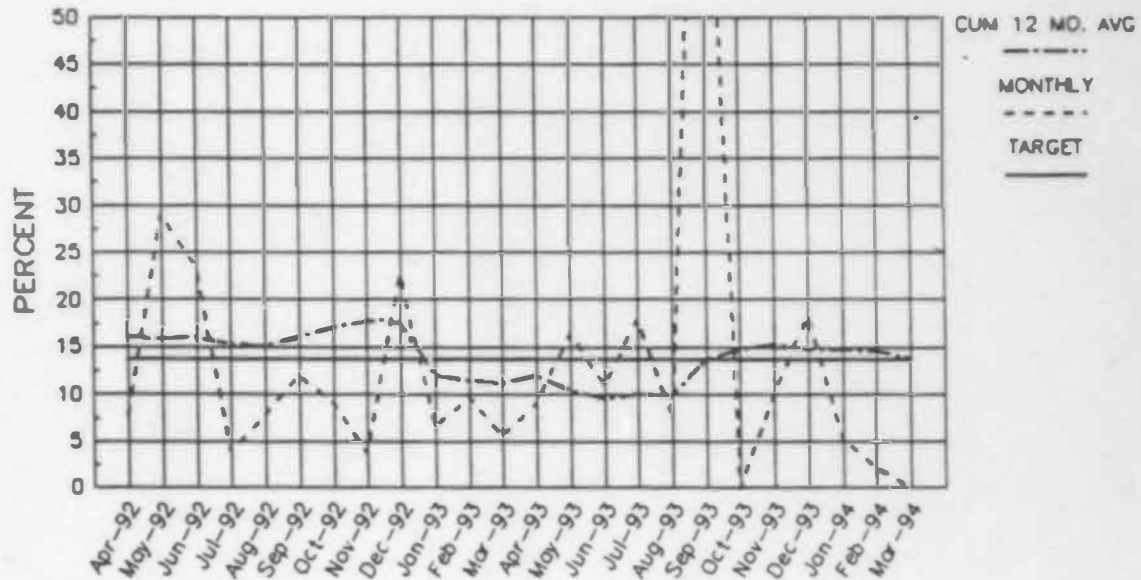
TAMPA ELECTRIC CO.
GANNON UNIT #5
EFOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



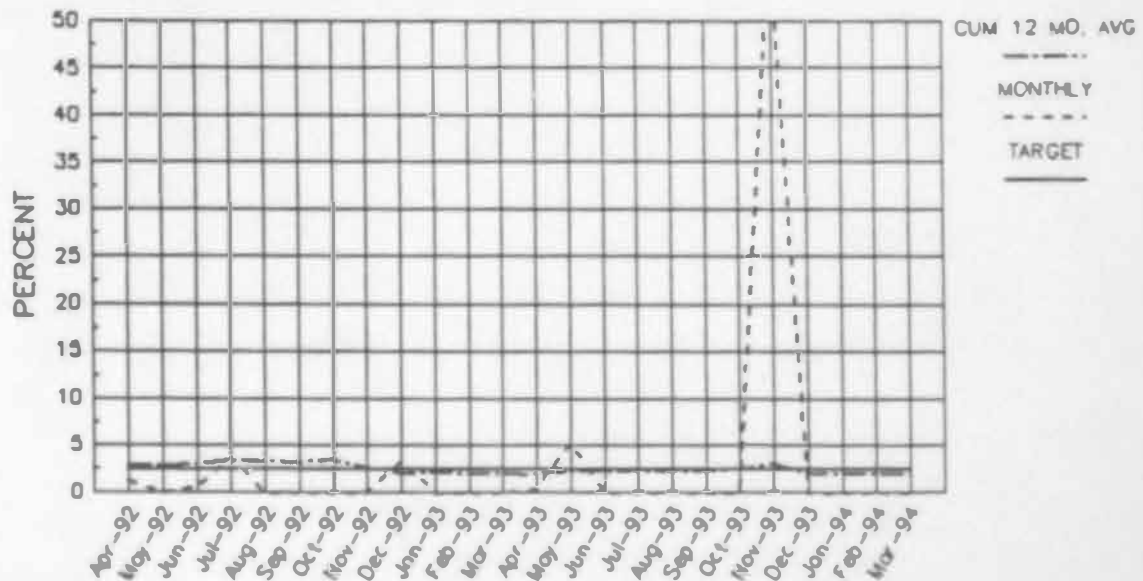
TAMPA ELECTRIC CO.
GANNON UNIT #5
EMOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



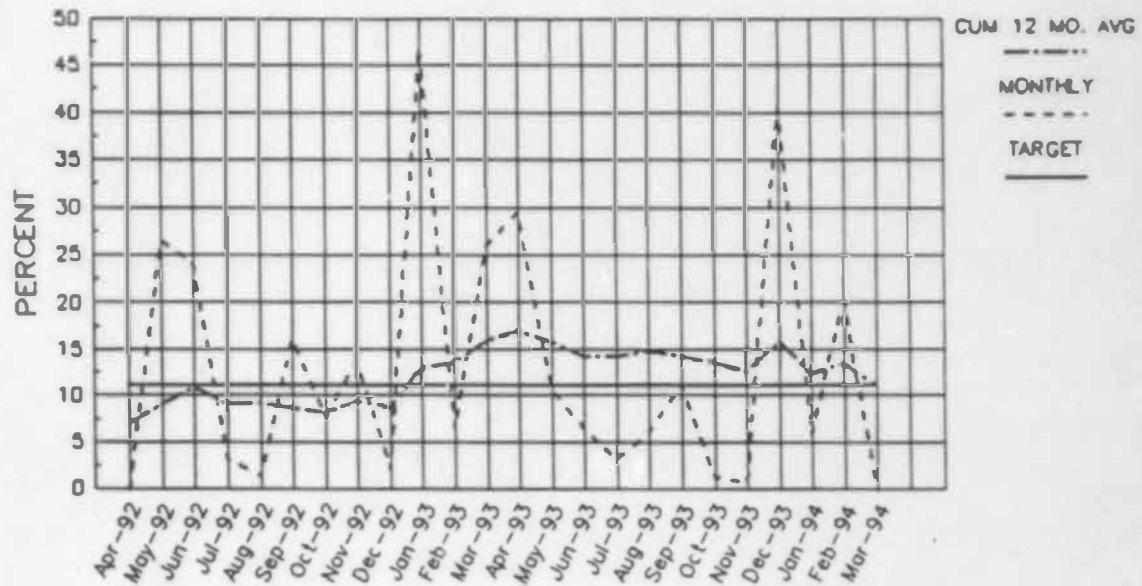
TAMPA ELECTRIC CO.
GANNON UNIT #6
EFOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



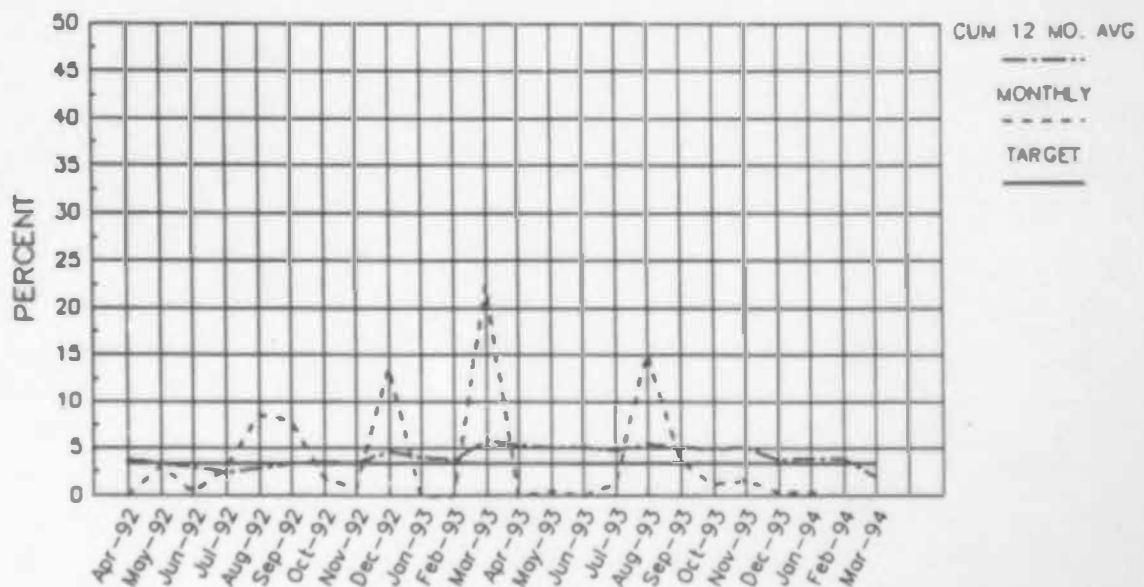
TAMPA ELECTRIC CO.
GANNON UNIT #6
EMOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



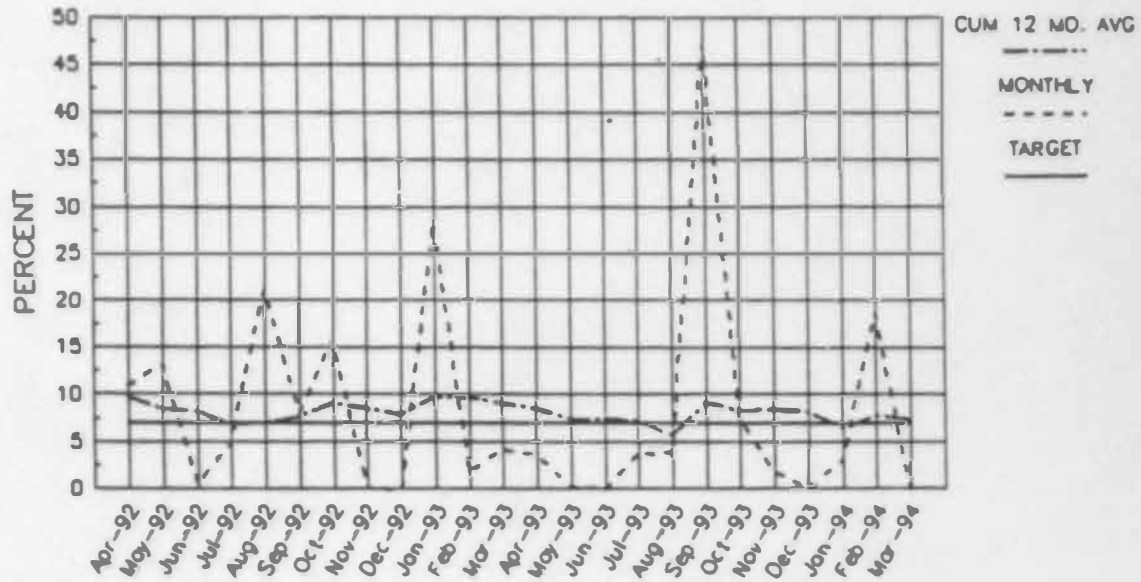
TAMPA ELECTRIC CO.
BIG BEND UNIT #1
EFOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



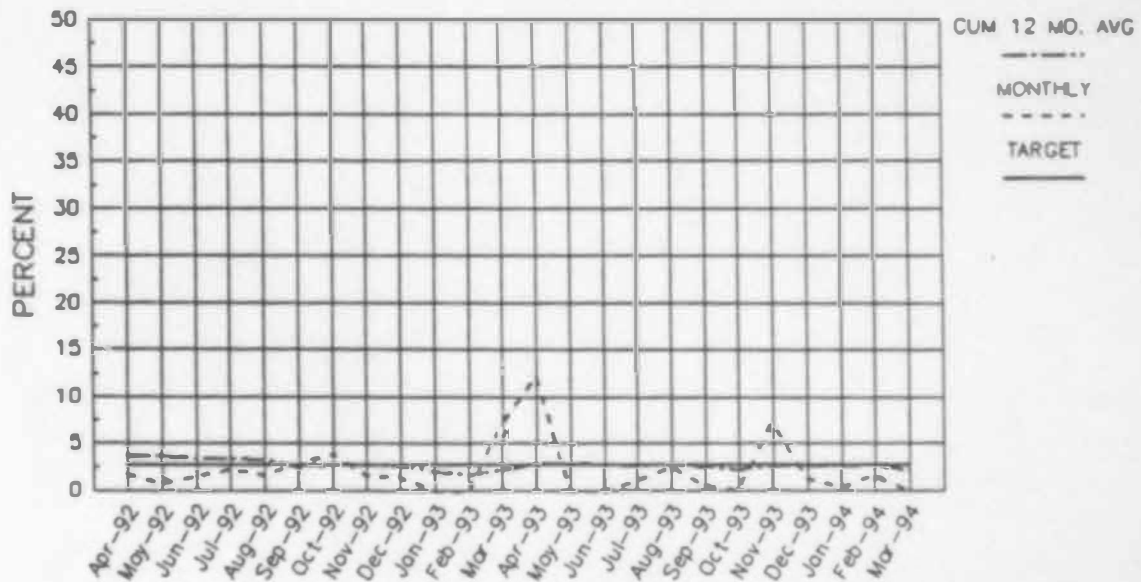
TAMPA ELECTRIC CO.
BIG BEND UNIT #1
EMOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



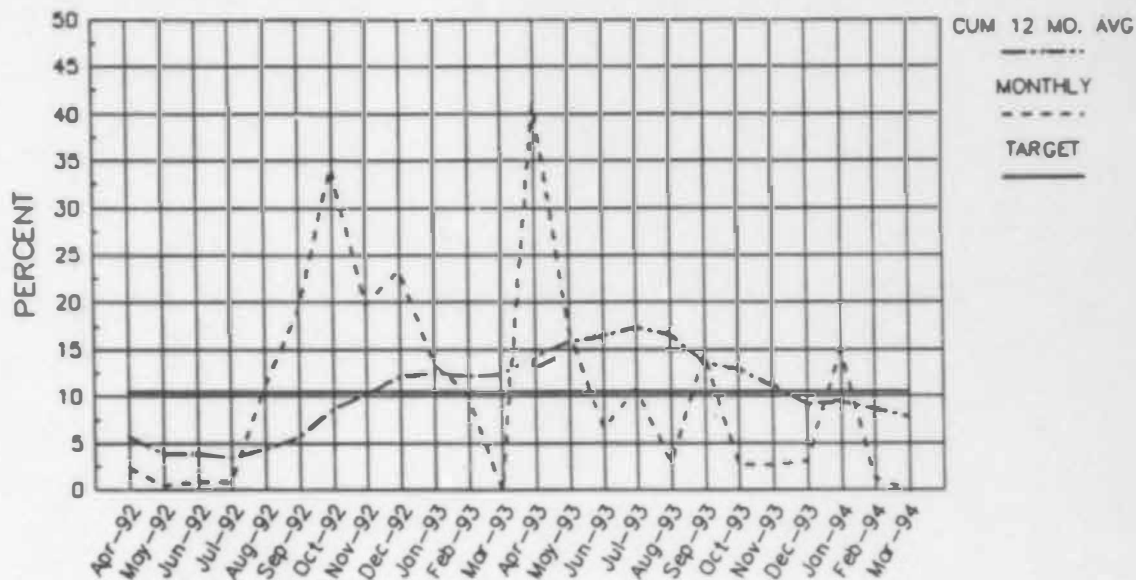
TAMPA ELECTRIC CO.
BIG BEND UNIT #2
EFOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



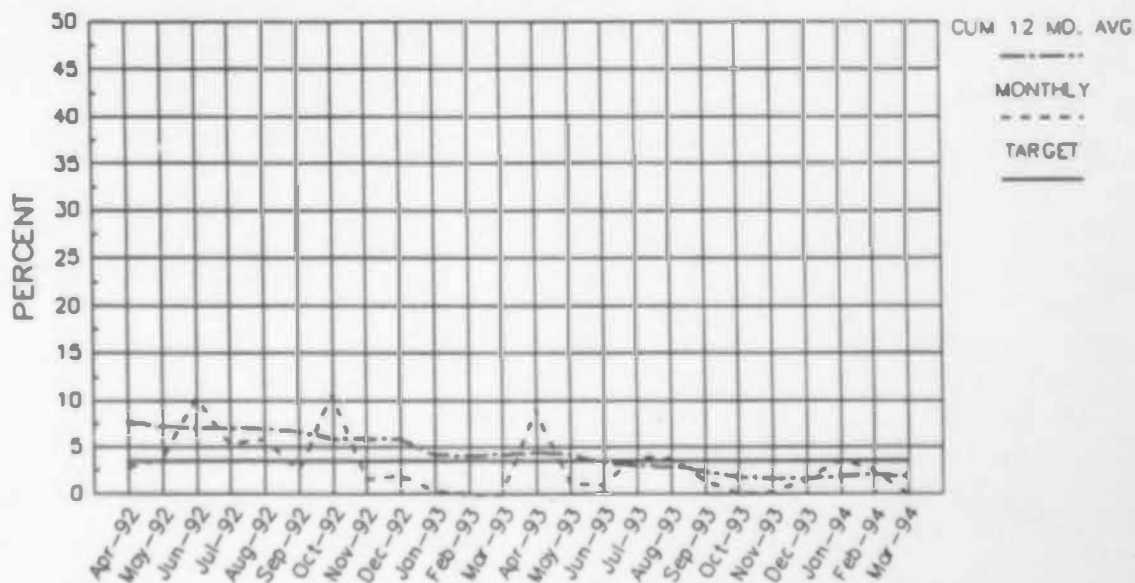
TAMPA ELECTRIC CO.
BIG BEND UNIT #2
EMOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



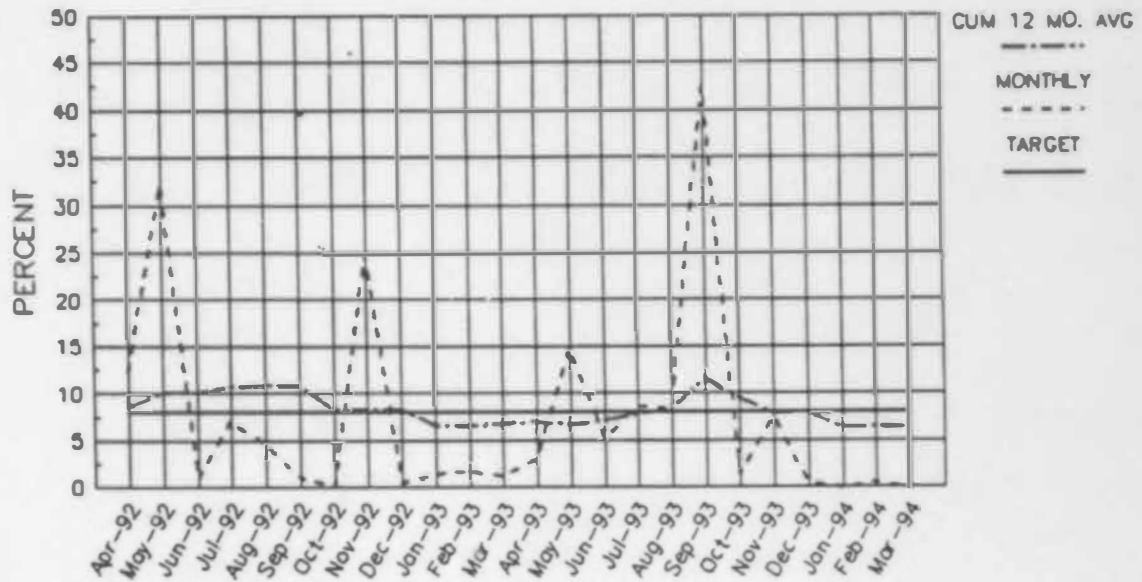
TAMPA ELECTRIC CO.
BIG BEND UNIT #3
EFOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



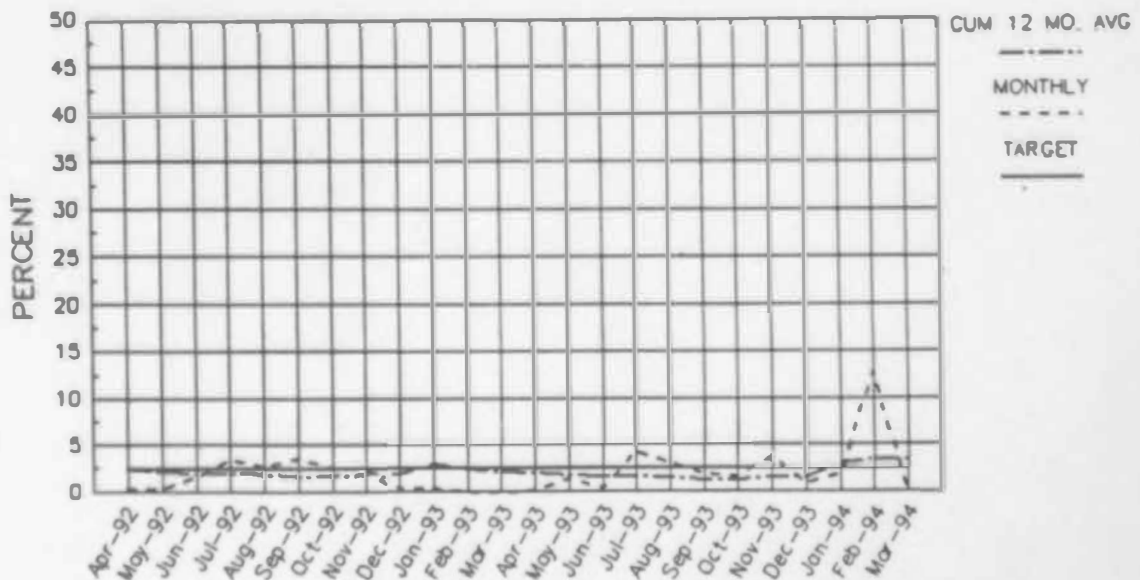
TAMPA ELECTRIC CO.
BIG BEND UNIT #3
EMOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



TAMPA ELECTRIC CO.
BIG BEND UNIT #4
EFOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



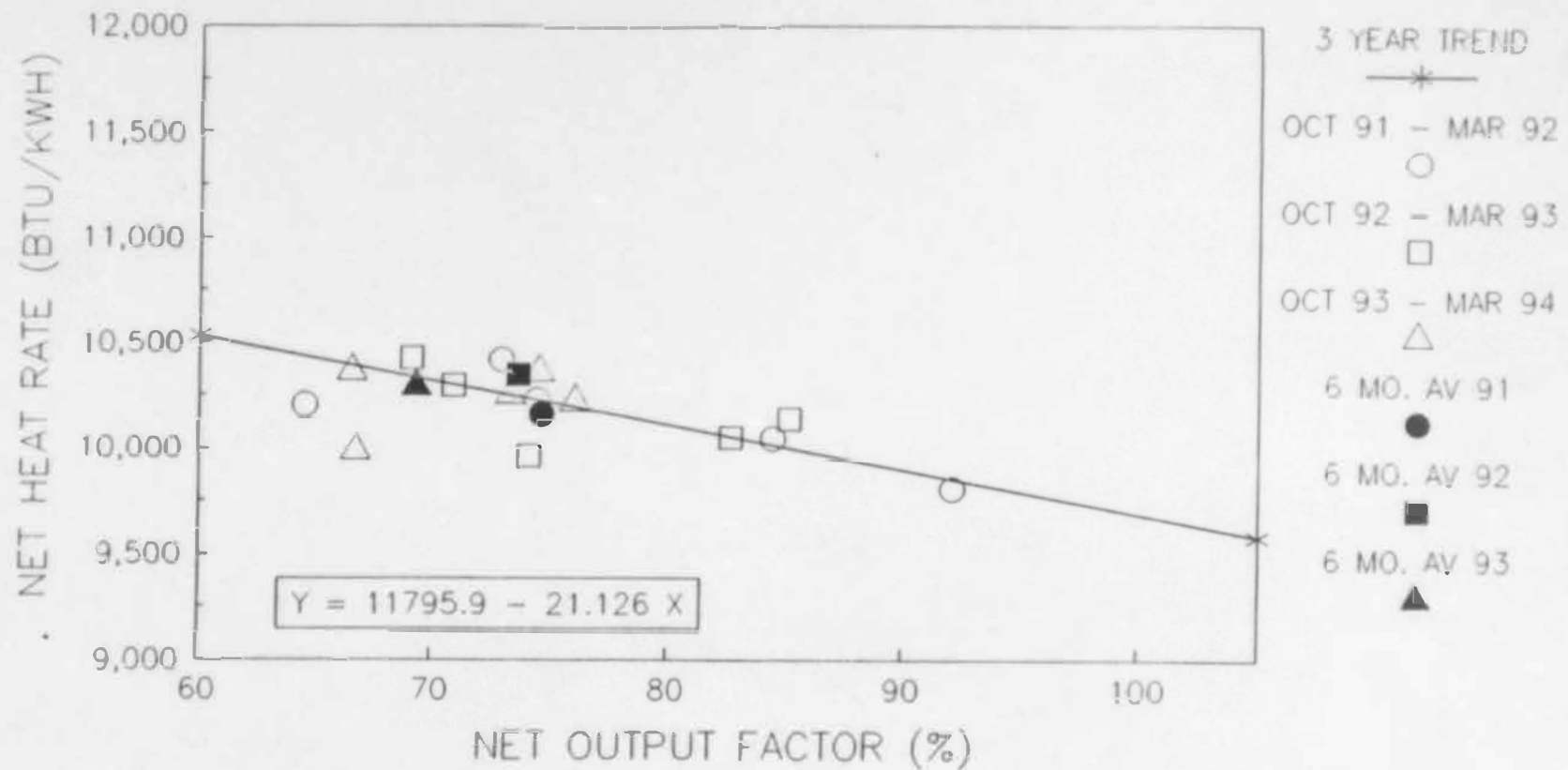
TAMPA ELECTRIC CO.
BIG BEND UNIT #4
EMOF (ADJUSTED FOR PLANNED OUTAGE HOURS)



TAMPA ELECTRIC COMPANY

HEAT RATE VS. NET OUTPUT FACTOR

GANNON 5, WINTER 1994



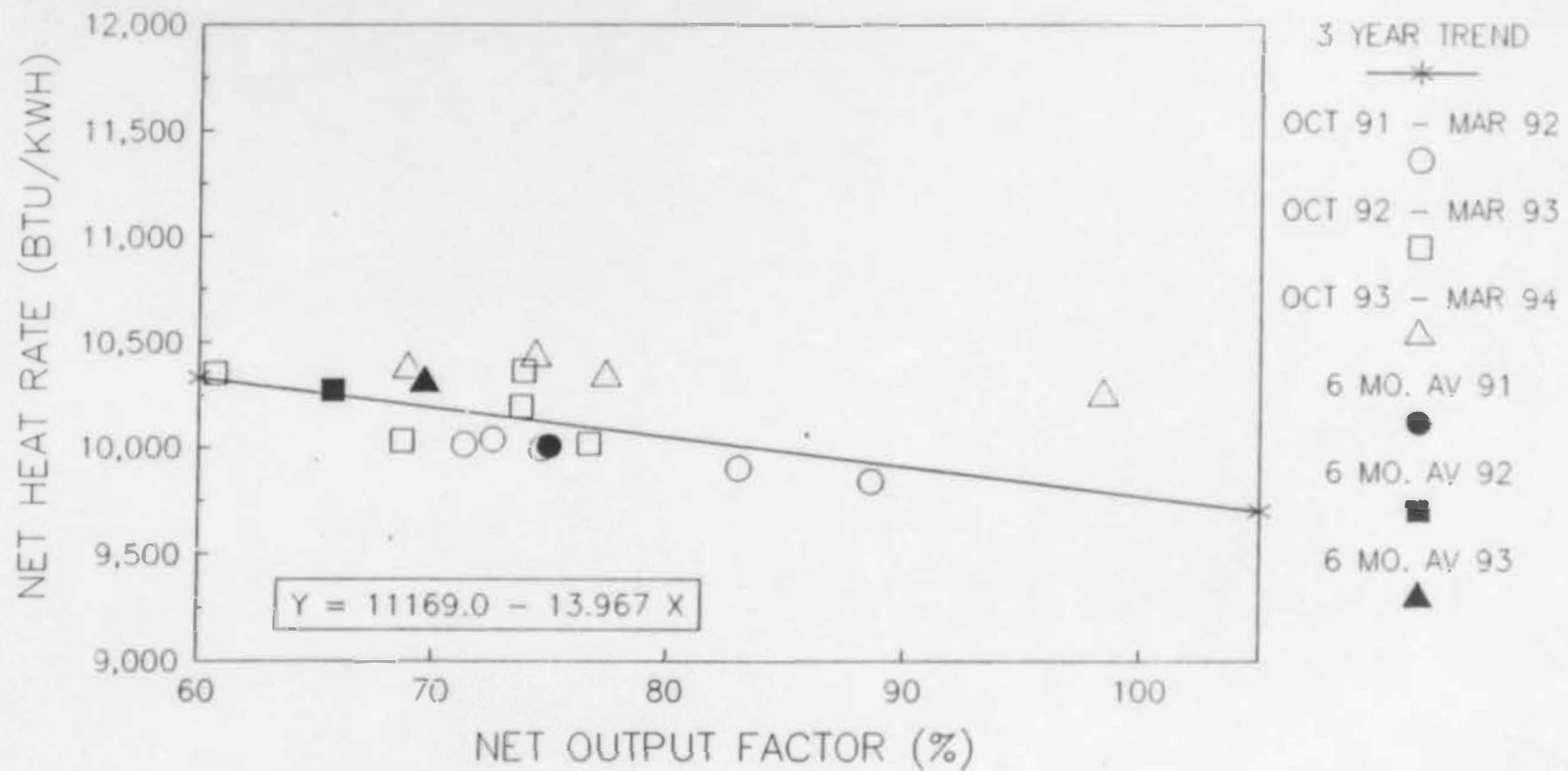
TARGET NET HEAT RATE: 10454
TARGET NET OUTPUT FACTOR: 63.5

28.05.94

TAMPA ELECTRIC COMPANY

HEAT RATE VS. NET OUTPUT FACTOR

GANNON 6, WINTER 1994

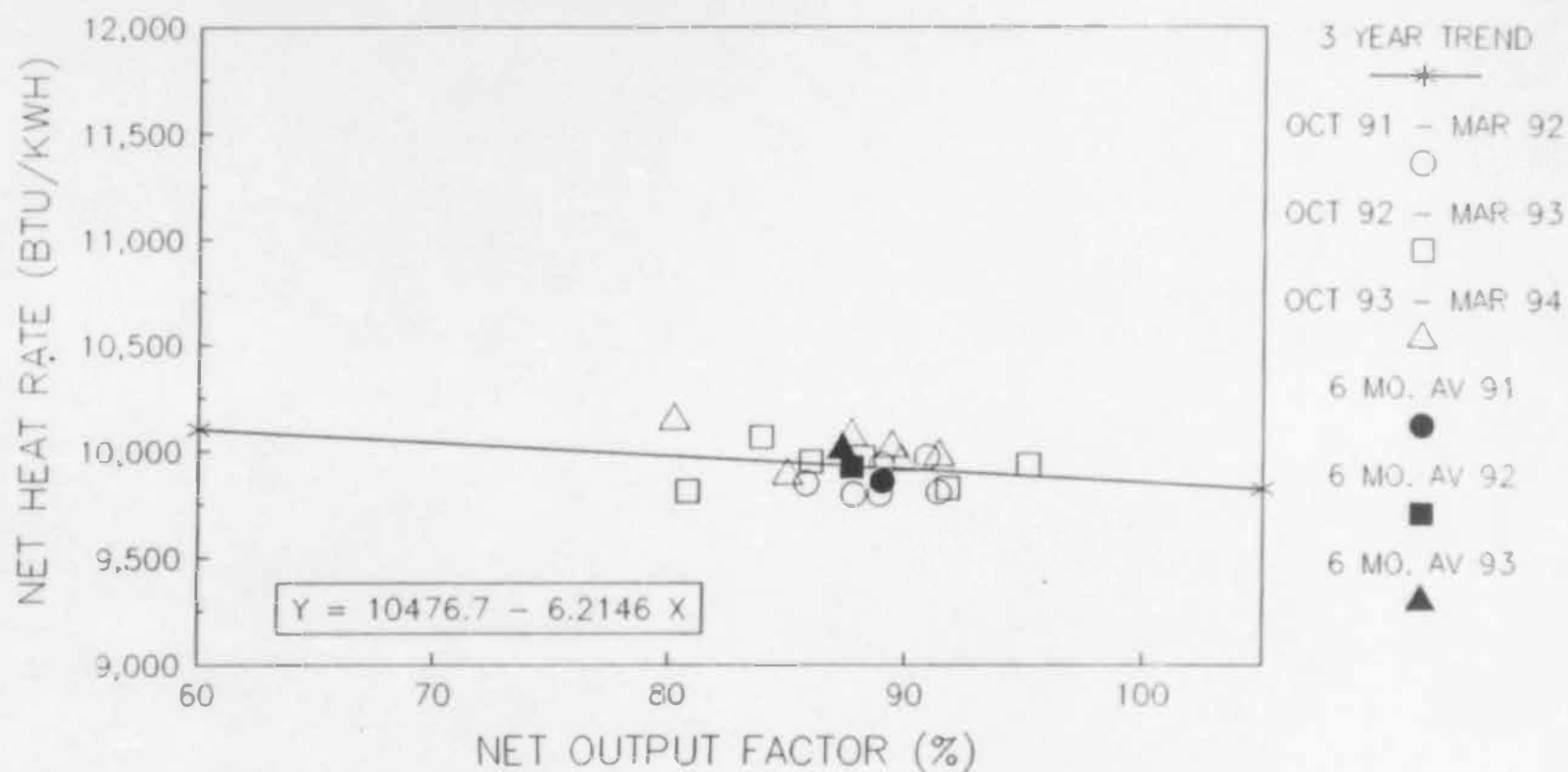


TARGET NET HEAT RATE: 10288
TARGET NET OUTPUT FACTOR: 63.1

TAMPA ELECTRIC COMPANY

HEAT RATE VS. NET OUTPUT FACTOR

BIG BEND 1, WINTER 1994

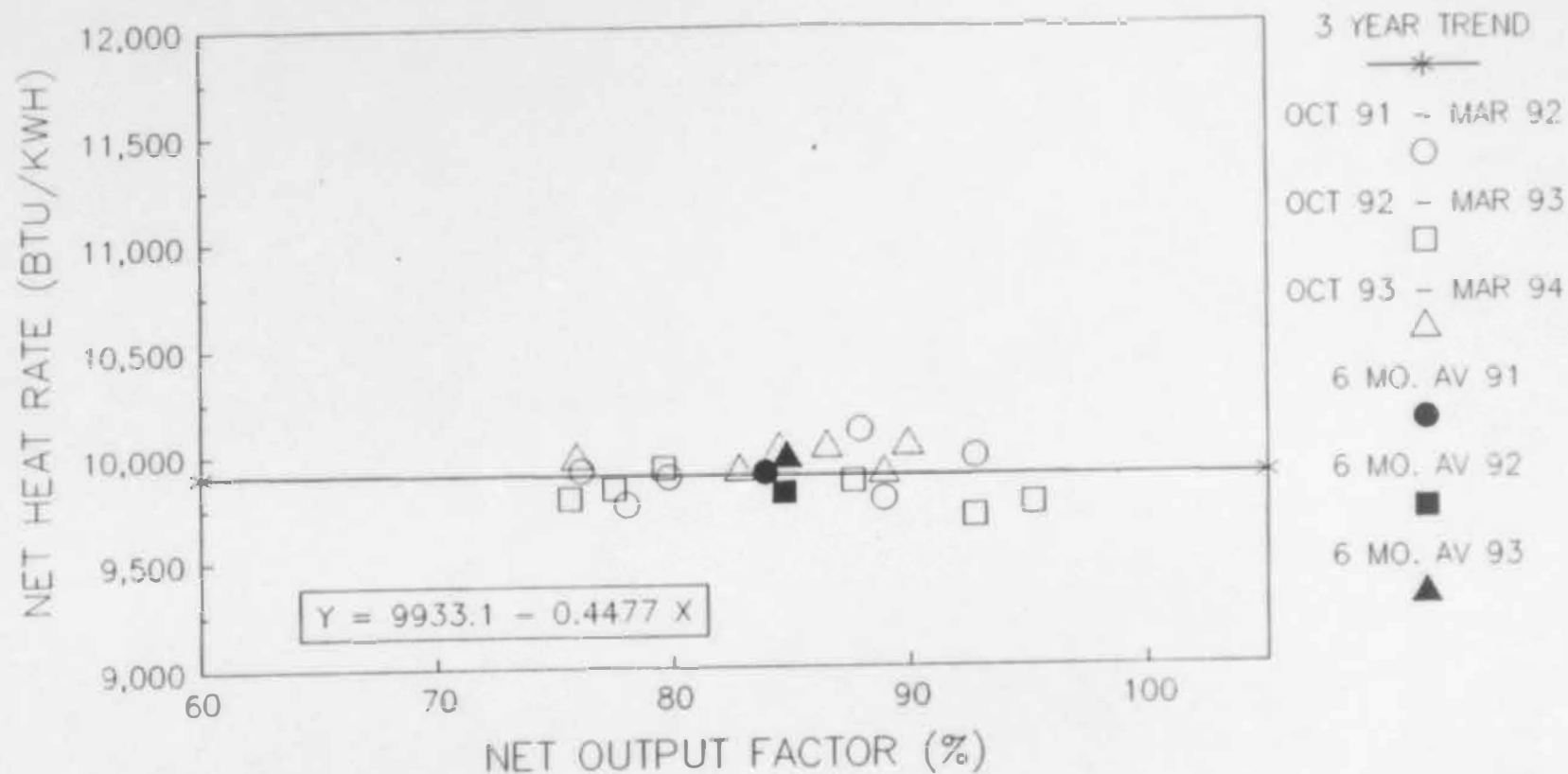


TARGET NET HEAT RATE: 9957
 TARGET NET OUTPUT FACTOR: 83.7

TAMPA ELECTRIC COMPANY

HEAT RATE VS. NET OUTPUT FACTOR

BIG BEND 2, WINTER 1994

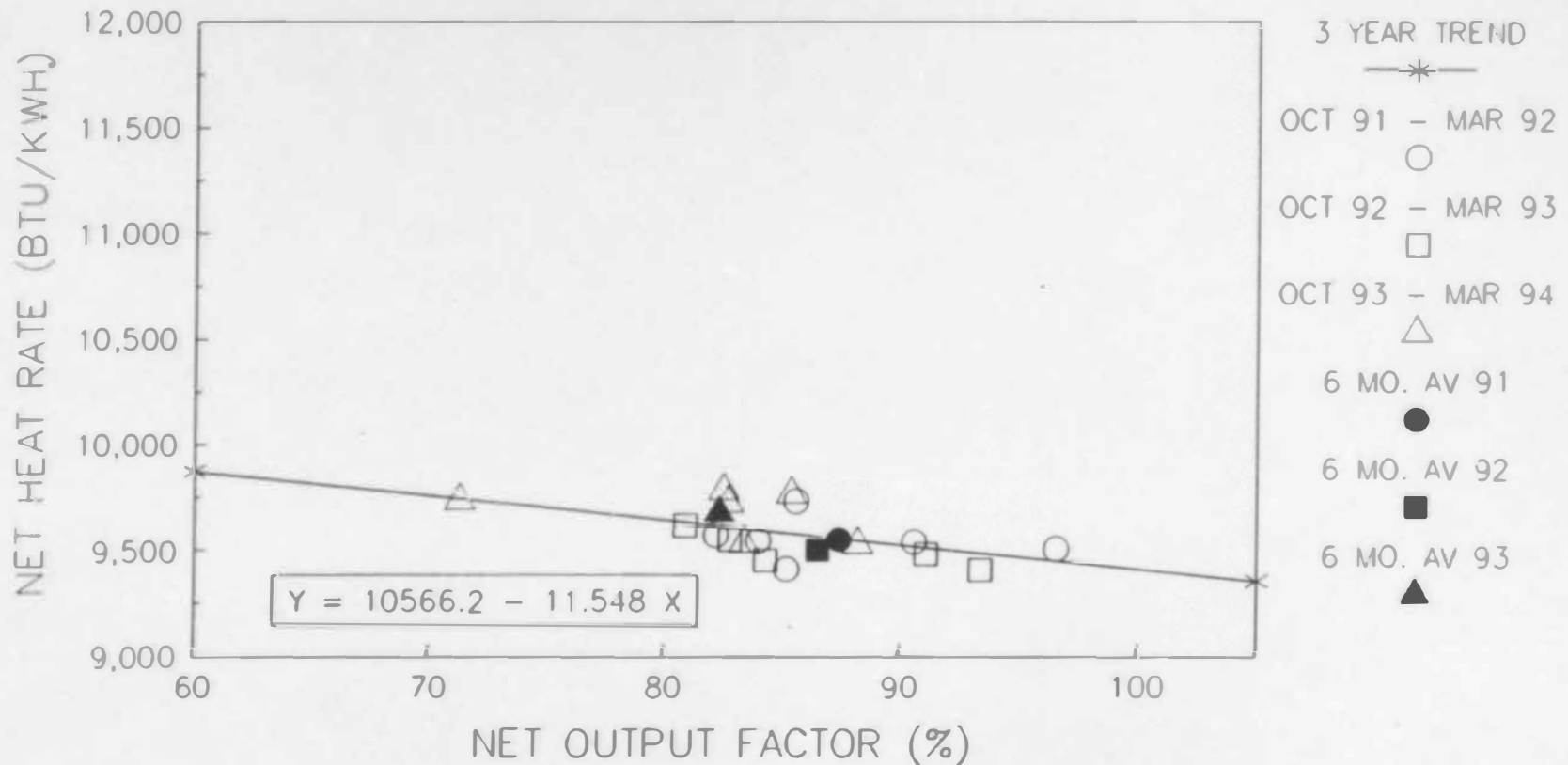


TARGET NET HEAT RATE: 9895
TARGET NET OUTPUT FACTOR: 85.6

TAMPA ELECTRIC COMPANY

HEAT RATE VS. NET OUTPUT FACTOR

BIG BEND 3, WINTER 1994

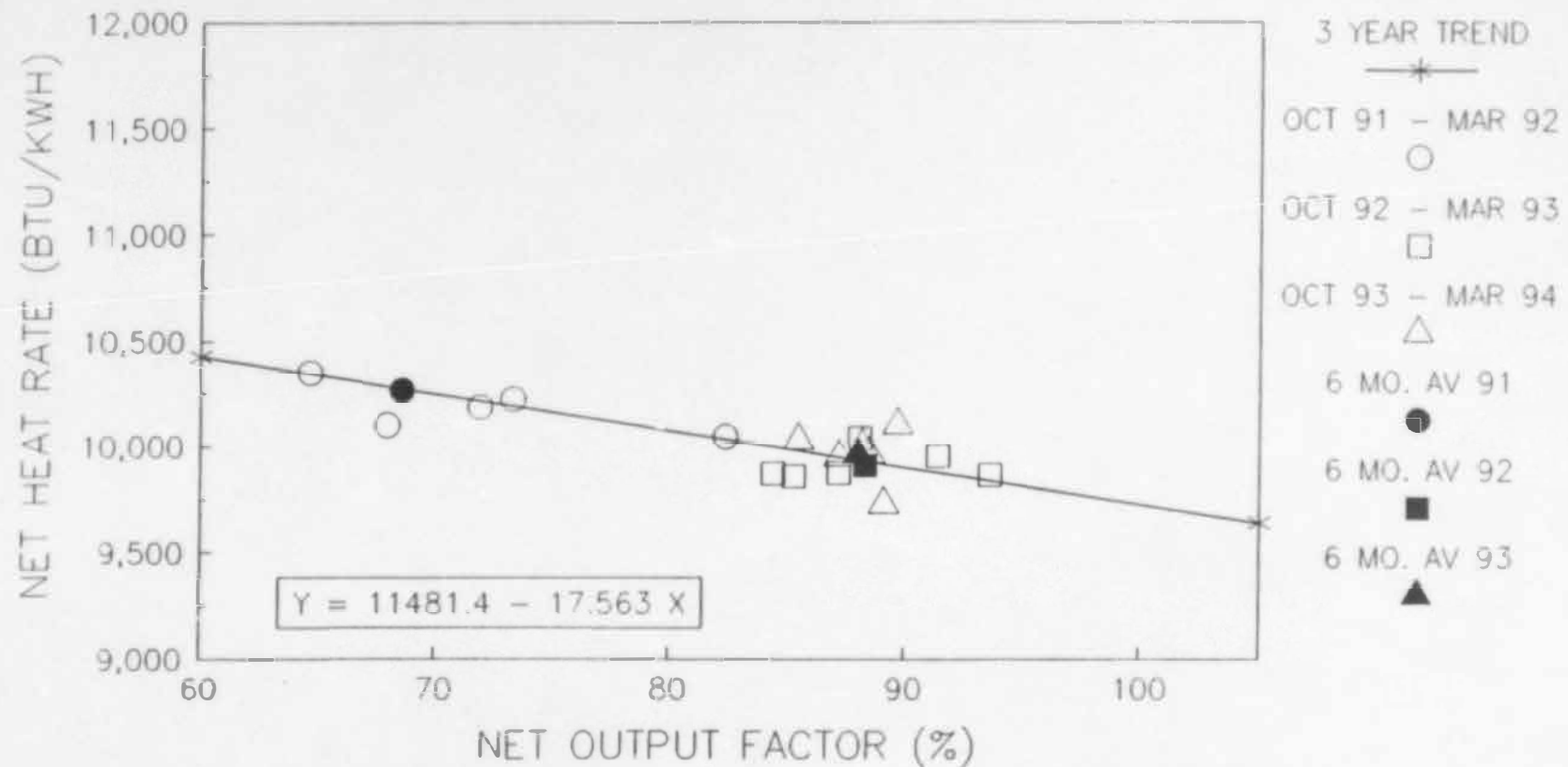


TARGET NET HEAT RATE: 9610
 TARGET NET OUTPUT FACTOR: 82.8

TAMPA ELECTRIC COMPANY

HEAT RATE VS. NET OUTPUT FACTOR

BIG BEND 4, WINTER 1994



TARGET NET HEAT RATE: 9832
TARGET NET OUTPUT FACTOR: 93.9

TAMPA ELECTRIC COMPANY
TABLE 4.2
GENERATING UNITS IN GPIF
OCTOBER 1994 - MARCH 1995

<u>UNIT</u>	<u>MDC GROSS (MW)</u>	<u>NDC NET (MW)</u>
GANNON 5	240	227
GANNON 6	375	362
BIG BEND 1	420	405
BIG BEND 2	420	406
BIG BEND 3	445	430
BIG BEND 4	<u>475</u>	<u>446</u>
TOTAL	2375	2276
SYSTEM TOTAL	3435	3300
% OF SYSTEM TOTAL	69.14%	68.97%

TAMPA ELECTRIC COMPANY
UNIT RATINGS
OCTOBER 1994 - MARCH 1995

UNIT	MDC GROSS (MW)	NDC NET (MW)
HOOKEERS POINT 1	34	34
HOOKEERS POINT 2	34	34
HOOKEERS POINT 3	34	34
HOOKEERS POINT 4	43	43
HOOKEERS POINT 5	<u>70</u>	<u>67</u>
HOOKEERS TOTAL	215	212
GANNON 1	125	119
GANNON 2	125	119
GANNON 3	165	155
GANNON 4	200	189
GANNON 5	240	227
GANNON 6	<u>375</u>	<u>362</u>
GANNON TOTAL	1230	1171
BIG BEND 1	420	405
BIG BEND 2	420	406
BIG BEND 3	445	430
BIG BEND 4	<u>475</u>	<u>446</u>
BIG BEND TOTAL	1760	1687
GANNON C.T.	17	17
BIG BEND C.T. 1	17	17
BIG BEND C.T. 2	80	80
BIG BEND C.T. 3	<u>80</u>	<u>80</u>
C.T. TOTAL	194	194
PHILLIPS 1	18	18
PHILLIPS 2	<u>18</u>	<u>18</u>
SEBRING TOTAL	<u>36</u>	<u>36</u>
SYSTEM TOTAL	3435	3300

TAMPA ELECTRIC COMPANY
PERCENT GENERATION BY UNIT
OCTOBER 1994 - MARCH 1995

STATION	UNIT	NET OUTPUT MWH	% OF PROJECTED OUTPUT	% CUMULATIVE PROJECTED OUTPUT
BIG BEND	4	170450.1	23.70%	23.70%
BIG BEND	3	1126426	15.65%	39.35%
BIG BEND	2	990437	13.77%	53.12%
BIG BEND	1	1328418	18.47%	71.59%
GANNON	6	813098	11.30%	82.89%
GANNON	5	457051	6.35%	89.25%
GANNON	3	234042	3.25%	92.50%
GANNON	4	210212	2.92%	95.42%
GANNON	1	147016	2.04%	97.47%
GANNON	2	149568	2.08%	99.55%
HOOKE'S POINT	5	9377	0.13%	99.68%
HOOKE'S POINT	4	4758	0.07%	99.74%
HOOKE'S POINT	2	2958	0.04%	99.78%
HOOKE'S POINT	3	2131	0.03%	99.81%
HOOKE'S POINT	1	1868	0.03%	99.84%
PHILLIPS	2	3013	0.04%	99.88%
PHILLIPS	1	3104	0.04%	99.92%
BIG BEND CT	2	2740	0.04%	99.96%
BIG BEND CT	3	2059	0.03%	99.99%
GANNON CT		349	0.01%	100.00%
BIG BEND CT	1	326	0.01%	100.00%
TOTAL GENERATION		7193453.0	100.00%	

GENERATION BY COAL UNITS: 7160770 MWH

% GENERATION BY COAL UNITS: 99.55%

GENERATION BY OIL UNITS: 32683 MWH

% GENERATION BY OIL UNITS: 0.45%

GENERATION BY GPIF UNITS: 6419934 MWH

% GENERATION BY GPIF UNITS: 89.25%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
OCTOBER 1994 - MARCH 1995
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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 1	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	85.5	85.4	85.5	85.5	85.4	85.1	85.4
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	14.5	14.6	14.5	14.5	14.6	14.9	14.6
4. EUOR (%)	14.5	14.6	14.5	14.5	14.6	14.9	14.6
5. PH	745	720	744	744	672	744	4369
6. SH	667	645	667	667	602	670	3918
7. RSH	0	0	0	0	0	0	0
8. UH	78	75	77	77	70	74	451
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	83	81	83	83	75	84	489
11. MOH & EMOH	25	24	25	25	23	27	149
12. OPER BTU (GBTU)	2196.780	2046.335	2223.233	2267.695	2113.390	2379.012	13226.445
13. NET GEN (MWH)	217822	203746	224780	228910	213623	239546	1328418
14. ANOHR (BTU/KWH)	10085	10044	9892	9506	9653	9931	9957
15. NOF (%)	80.6	78.0	83.2	84.7	87.6	88.3	83.7
16. NSC (MW)	405	405	405	405	405	405	405
17. ANOHR EQUATION:	$ANOHR = NOF (-6.2146) + 10476.7$						

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 2	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	40.8	0.0	64.0	90.1	90.0	90.1	62.3
2. POF (%)	54.8	100.0	29.0	0.0	0.0	0.0	30.8
3. EUOF (%)	4.4	0.0	7.0	6.9	10.0	9.9	6.9
4. EUOR (%)	9.9	0.0	9.8	9.9	10.0	9.9	9.9
5. PH	745	720	744	744	672	744	4369
6. SH	317	0	497	701	633	701	2849
7. RSH	0	0	0	0	0	0	0
8. UH	428	720	247	43	59	43	1520
9. POH	408	720	215	0	0	0	1344
10. FOH & EFOH	24	0	37	53	48	53	215
11. MOH & EMOH	9	0	15	21	10	21	85
12. OPER BTU (GBTU)	1162.044	0.000	1763.740	2298.299	2154.438	2455.672	9800.153
13. NET GEN (MWH)	116571	0	173464	231999	217901	248502	990437
14. ANOHR (BTU/KWH)	9928	0	9879	9911	9887	9882	9895
15. NOF (%)	93.0	0.0	85.5	91.5	84.8	87.3	85.6
16. NSC (MW)	406	406	406	406	406	406	406

17. ANOHR EQUATION: $ANOHR = NOF (-0.4477) + 9933.1$

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 3	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	63.5	65.8	65.9	65.9	73.7	0.0	69.4
2. POF (%)	0.0	0.0	0.0	0.0	14.3	100.0	19.2
3. EUOF (%)	14.1	14.2	14.1	14.1	12.0	0.0	11.4
4. EUOR (%)	14.1	14.2	14.1	14.1	14.0	0.0	14.1
5. PH	745	720	744	744	672	744	4369
6. SH	667	645	667	667	516	0	3163
7. RSH	0	0	0	0	0	0	0
8. UH	78	75	77	77	156	744	1206
9. POH	0	0	0	0	96	744	840
10. FOH & EFOH	78	76	78	78	61	0	371
11. MOH & EMOH	27	26	27	27	20	0	127
12. OPER BTU (GBTU)	2511.779	2400.540	2125.245	2080.289	1707.130	0.000	10824.983
13. NET GEN (MWH)	259701	249074	222276	217184	178191	0	1126426
14. ANOHR (BTU/KWH)	9672	9638	9561	9578	9580	0	9610
15. NOF (%)	90.5	89.8	77.5	75.7	80.3	0.0	82.8
16. NSC (MW)	430	430	430	430	430	430	430

17. ANOHR EQUATION:

$$\text{ANOHR} = \text{NOF} (-11.5480) + 10566.2$$

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT BIG BEND 4	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	89.4	89.4	89.4	89.4	89.4	89.4	89.4
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
4. EUOR (%)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
5. PH	745	720	744	744	672	744	4369
6. SH	693	671	693	693	626	694	4070
7. RSH	0	0	0	0	0	0	0
8. UH	52	49	51	51	46	50	299
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	60	58	60	60	54	62	354
11. MOH & EMOH	19	16	19	19	17	17	109
12. OPER BTU (GBTU)	2645.147	3475.250	2726.464	2704.719	2463.016	2744.465	16759.083
13. NET GEN (MWH)	263608	272472	294480	292088	266032	295824	1704504
14. ANOHR (BTU/KWH)	9327	12755	9259	9260	9258	9277	9832
15. NOF (%)	91.6	91.0	95.3	94.5	95.3	95.6	93.9
16. NSC (MW)	446	446	446	446	446	446	446

17. ANOHR EQUATION:

$$\text{ANOHR} = \text{NOF} (-17.5630) + 11481.4$$

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT GANNON 1	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	93.4	91.5	95.6	95.4	24.4	99.1	84.2
2. POF (%)	0.0	0.0	0.0	0.0	75.0	0.0	11.5
3. EUOF (%)	6.6	8.5	4.4	4.6	0.6	0.9	4.3
4. EUOR (%)	8.4	8.5	6.3	8.5	7.5	8.0	8.4
5. PH	745	720	744	744	672	744	4369
6. SH	544	674	372	377	50	82	2099
7. RSH	164	0	347	342	115	657	1625
8. UH	37	46	25	25	507	5	645
9. POH	0	0	0	0	504	0	504
10. FOH & EFOM	34	42	23	24	3	5	131
11. MOH & EMOH	15	19	10	10	1	2	57
12. OPER BTU (GBTU)	488.772	517.776	279.671	250.305	36.679	74.543	1649.796
13. NET GEN (MWH)	43176	46068	25096	22062	3473	6741	147016
14. ANOHR (BTU/KWH)	11217	11239	11144	11348	11137	11058	11222
15. NOF (%)	67.3	57.4	56.7	49.2	58.4	69.1	58.9
16. NSC (MWH)	119	119	119	119	119	119	119

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
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PLANT/UNIT GANNON 2	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	92.5	85.4	92.1	91.9	91.5	91.3	90.8
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	7.5	14.6	7.9	8.1	8.5	8.7	9.2
4. EUOR (%)	14.7	14.6	14.6	14.7	14.7	14.7	14.7
5. PH	745	720	744	744	672	744	4369
6. SH	345	651	365	369	352	401	2483
7. RSH	364	2	341	337	284	301	1629
8. UH	38	67	38	38	36	42	257
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	37	70	39	40	38	43	267
11. MOH & EMOH	19	35	20	20	19	22	135
12. OPER BTU (GBTU)	331.835	445.092	217.120	205.130	231.361	303.223	1733.781
13. NET GEN (MWH)	28881	38212	18580	17377	20065	26424	149566
14. ANOHR (BTU/KWH)	11490	11648	11680	11805	11521	11475	11592
15. NOF (%)	70.3	49.3	42.8	39.8	47.6	55.4	50.6
16. NSC (MW)	119	119	119	119	119	119	119

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT GANNON 3	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	72.2	62.2	65.1	65.2	64.6	64.6	69.0
2. POF (%)	22.6	10.0	0.0	0.0	0.0	0.0	5.5
3. EUOF (%)	5.2	7.8	4.7	4.8	5.2	5.4	5.5
4. EUOR (%)	8.7	8.6	8.5	8.7	8.7	8.7	8.7
5. PH	745	720	744	744	672	744	4369
6. SH	426	618	393	397	382	437	2653
7. RSH	130	0	332	328	271	286	1347
8. UH	189	102	19	19	19	21	369
9. POH	168	72	0	0	0	0	240
10. FOH & EFOH	30	43	27	28	27	31	186
11. MOH & EMOH	9	13	8	8	8	9	55
12. OPER BTU (GBTU)	489,011	616,297	363,413	335,802	374,925	485,597	2665,045
13. NET GEN (MWH)	42635	54036	31902	29037	33137	43295	234042
14. ANCHOR (BTU/KWH)	11470	11405	11392	11565	11314	11216	11387
15. NOF (%)	64.6	56.4	52.4	47.2	56.0	63.9	56.9
16. NSC (MW)	155	155	155	155	155	155	155

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT GANNON 4	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	49.0	55.3	92.2	92.1	91.7	91.0	83.5
2. POF (%)	45.1	0.0	0.0	0.0	0.0	0.0	7.7
3. EUGF (%)	5.9	13.8	7.8	7.9	8.3	9.0	8.8
4. EUOM (%)	13.8	13.8	13.7	13.8	13.7	13.8	13.8
5. PH	745	720	744	744	672	744	4369
6. SH	290	650	382	385	370	438	2515
7. RSH	89	2	322	318	263	260	1254
8. UH	366	68	40	41	39	46	600
9. POH	336	0	0	0	0	0	336
10. FOH & EFOH	33	74	43	44	42	50	286
11. MOH & EMOH	11	25	15	15	14	17	97
12. OPER BTU (GJ/TU)	336.836	906.709	314.493	302.622	640.009	470.287	2670.956
13. NET GEN (MWH)	30090	53519	27560	26332	30261	42450	210212
14. ANCHR (BTU/KWH)	11194	11336	11411	11493	21150	11079	12706
15. NOF (%)	54.9	43.6	38.2	36.2	43.3	51.3	44.2
16. NSC (MW)	189	189	189	189	189	189	189

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT GANNON 5	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	88.1	88.1	88.2	88.2	88.1	88.2	88.1
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	11.9	11.9	11.8	11.8	11.9	11.8	11.9
4. EUOR (%)	11.9	11.9	11.8	11.8	11.9	11.8	11.9
5. PH	745	720	744	744	672	744	4369
6. SH	559	667	428	416	485	615	3170
7. RSH	0	0	0	0	0	0	0
8. UH	186	53	316	328	187	129	1199
9. PCH	0	0	0	0	0	0	0
10. FOH & EFOH	72	69	71	71	65	71	419
11. MOH & EMOH	17	17	17	17	15	17	100
12. OPER STU (GBTU)	953.005	1008.268	640.694	524.650	677.922	973.656	4778.195
13. NET GEN (MWH)	91004	96494	61647	49489	64671	93746	457051
14. ANOHR (STU/KWH)	10472	10449	10393	10601	10483	10388	10454
15. NOF (%)	71.7	63.7	63.5	52.4	58.7	67.2	63.5
16. NSC (MW)	227	227	227	227	227	227	227
17. ANOHR EQUATION:	$ANOHR = NOF (-21.1260) + 11795.9$						

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TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT GANNON 6	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	83.8	55.8	83.6	83.6	83.6	65.1	75.9
2. POF (%)	0.0	33.3	0.0	0.0	0.0	22.6	9.3
3. EUOF (%)	16.4	10.8	16.4	16.4	16.4	12.4	14.8
4. EUOR (%)	16.4	16.3	16.4	16.4	16.4	16.0	16.3
5. PH	745	720	744	744	672	744	4369
6. SH	668	432	668	668	604	519	3559
7. RSH	0	0	0	0	0	0	0
8. UH	77	288	76	76	68	225	810
9. POH	0	240	0	0	0	168	408
10. FOH & EFOH	103	66	103	103	93	79	547
11. MOH & EMOH	19	12	19	19	17	13	99
12. OPER BTU (GBTU)	1702.577	1110.421	1531.533	1309.019	1382.579	1328.765	8364.894
13. NET GEN (MWH)	165357	108946	148990	125008	134413	130384	613098
14. ANOHR (BTU/KWH)	10296	10182	10279	10471	10286	10191	10288
15. NOF (%)	68.4	69.7	61.6	51.7	61.5	69.4	63.1
16. NSC (MW)	362	362	362	362	362	362	362
17. ANOHR EQUATION:	$ANOHR = NOF (-13.9670) + 11169.0$						

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**TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995**

PLANT/UNIT HOOKERS POINT 1	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	98.1	36.0	100.0	87.0	89.1	99.7	85.2
2. POF (%)	0.0	63.3	0.0	12.9	10.7	0.0	14.3
3. EUCP (%)	1.9	0.7	0.0	0.1	0.1	0.3	0.5
4. EUOR (%)	28.0	29.4	0.0	25.0	25.0	33.3	27.7
5. PH	745	720	744	744	672	744	4369
6. SH	36	12	2	3	3	4	60
7. RSH	695	247	742	644	596	738	3662
8. UH	14	461	0	97	73	2	647
9. FOM	0	456	0	96	72	0	624
10. FOM & EFOM	8	2	0	0	0	1	9
11. MOW & EMOW	8	3	0	1	1	1	14
12. OPER BTU (GBTU)	15.511	5.694	0.787	1.546	1.452	1.873	26.863
13. NET GEN (MWH)	1093	368	54	106	100	127	1868
14. ANOMR (BTU/KWH)	14121	14875	14574	14585	14520	14748	14381
15. HOF (%)	89.3	95.1	79.4	103.9	98.0	93.4	91.6
16. HSC (MW)	34	34	34	34	34	34	34

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ESTIMATED UNIT PERFORMANCE DATA
OCTOBER 1994 - MARCH 1995

PLANT/UNIT HOOKERS POINT 2	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	98.5	98.5	100.0	99.7	99.9	99.7	99.4
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	1.5	1.5	0.0	0.3	0.1	0.3	0.6
4. EUOR (%)	20.8	22.9	0.0	28.6	20.0	28.6	22.1
5. PH	745	720	744	744	672	744	4369
6. SH	42	37	2	5	4	5	95
7. RSH	692	672	742	737	667	737	4247
8. UH	11	11	0	2	1	2	27
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	5	5	0	1	0	1	12
11. MOH & EMOH	6	6	0	1	1	1	15
12. OPER BTU (GBTU)	17.437	16.553	1.011	2.293	1.912	2.219	41.425
13. NET GEN (MWH)	1287	1164	72	163	136	156	2958
14. ANOHR (BTU/KWH)	13762	14221	14042	14067	14059	14224	14004
15. NOF (%)	88.7	92.5	105.9	95.9	100.0	91.8	91.6
16. NSC (MW)	34	34	34	34	34	34	34

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TAMPA ELECTRIC COMPANY
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PLANT/UNIT HOOKERS POINT 3	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	9.7	98.5	99.7	99.7	99.7	99.7	84.1
2. POF (%)	90.2	0.0	0.0	0.0	0.0	0.0	15.4
3. EUOF (%)	0.1	1.5	0.3	0.3	0.3	0.3	0.5
4. EUOR (%)	20.0	20.8	28.6	25.0	28.6	25.0	22.7
5. PH	745	720	744	744	672	744	4369
6. SH	4	42	5	6	5	6	68
7. RSH	68	667	737	736	665	736	3609
8. UH	673	11	2	2	2	2	692
9. POH	672	0	0	0	0	0	672
10. FOH & EFOH	0	5	1	1	1	1	9
11. MOH & EMOH	1	6	1	1	1	1	11
12. OPER BTU (10BTU)	1,742	18,178	2,314	2,443	2,096	2,520	29,293
13. NET GEN (MWH)	130	1318	169	178	153	183	2131
14. ANOHR (BTU/KWH)	13400	13782	13692	13725	13699	13770	13746
15. NOF (%)	95.6	92.3	95.4	87.3	90.0	89.7	92.2
16. NSC (MW)	34	34	34	34	34	34	34

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ESTIMATED UNIT PERFORMANCE DATA
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PLANT/UNIT HOOKERS POINT 4	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	99.3	99.2	99.7	99.7	99.7	99.7	99.2
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	1.7	1.8	0.3	0.3	0.3	0.3	0.8
4. EUOR (%)	21.3	21.3	25.0	28.6	20.0	22.2	21.8
5. PH	745	720	744	744	672	744	4369
6. SH	48	48	6	5	8	7	122
7. RSH	684	659	736	737	662	735	4213
8. UM	13	13	2	2	2	2	34
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	6	6	1	1	1	1	16
11. MOH & EMOH	7	7	1	1	1	1	18
12. OPER STU (GBTU)	24.360	25.109	3.259	2.504	3.890	3.622	62.744
13. NET GEN (MWH)	1840	1904	249	192	298	275	4758
14. ANCHR (BTU/KWH)	13239	13186	13088	13042	13054	13171	13187
15. NOF (%)	89.1	92.2	96.5	89.3	86.6	91.4	90.7
16. NSC (MW)	43	43	43	43	43	43	43

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**TAMPA ELECTRIC COMPANY
ESTIMATED UNIT PERFORMANCE DATA
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PLANT/UNIT HOOKERS POINT 5	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	97.9	97.5	99.6	99.7	74.7	99.7	95.2
2. POF (%)	0.0	0.0	0.0	0.0	25.0	0.0	3.6
3. EUOF (%)	2.1	2.5	0.4	0.3	0.3	0.3	1.0
4. EUOR (%)	21.3	22.0	20.0	22.2	22.2	16.2	21.4
5. PH	745	720	744	744	672	744	4369
6. SH	59	64	12	7	7	9	156
7. RSH	670	636	729	735	495	733	4000
8. UH	16	18	3	2	170	2	211
9. POH	0	0	0	0	168	0	168
10. FOH & EFOH	7	8	1	1	1	1	19
11. MOH & EMOH	9	10	2	1	1	1	24
12. OPER BTU (GBTU)	46.037	46.342	6.820	5.808	5.168	6.907	120.682
13. NET GEN (MWH)	3538	3769	688	440	405	537	9377
14. ANOHR (BTU/KWH)	13012	12826	12820	12745	12760	12682	12661
15. NOF (%)	89.5	87.9	85.6	93.5	86.4	89.1	88.6
16. NSC (MW)	67	67	67	67	67	67	67

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PLANT/UNIT GANNON CT 1	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	99.6	99.3	100.0	99.9	85.7	67.7	92.1
2. PCIF (%)	0.0	0.0	0.0	0.0	14.3	32.3	7.7
3. EUOF (%)	0.4	0.7	0.0	0.1	0.0	0.0	0.2
4. EUOR (%)	30.0	33.3	ERR	33.3	0.0	0.0	30.0
5. PH	745	720	744	744	672	744	4369
6. SH	7	10	0	2	1	1	21
7. RSH	735	705	744	741	575	503	4003
8. UH	3	5	0	1	96	240	345
9. POH	0	0	0	0	96	240	336
10. FCH & EFOH	2	3	0	1	0	0	6
11. MCH & EMOH	1	2	0	0	0	0	3
12. OPER BTU (GBTU)	2.054	3.035	0.146	0.647	0.454	0.308	6.644
13. NET GEN (MWH)	105	159	5	34	24	16	349
14. ANOMR (BTU/KWH)	19019	19088	18250	19029	18917	19250	19037
15. NOF (%)	90.8	93.5	0.0	100.0	141.2	94.1	97.8
16. NSC (MW)	17	17	17	17	17	17	17

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PLANT/UNIT BIG BEND CT 1	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	99.6	99.4	100.0	99.9	50.0	100.0	92.1
2. POF (%)	0.0	0.0	0.0	0.0	50.0	0.0	7.7
3. EUOF (%)	0.4	0.6	0.0	0.1	0.0	0.0	0.2
4. EUOR (%)	30.0	30.8	0.0	33.3	0.0	0.0	28.6
5. PH	745	720	744	744	672	744	4369
6. SH	7	9	0	2	1	1	20
7. RSH	735	707	744	741	335	743	4005
8. UH	3	4	0	1	336	0	344
9. POH	0	0	0	0	336	0	336
10. FOH & EFOH	2	2	0	1	0	0	5
11. MOH & EMOH	1	2	0	0	0	0	3
12. OPER BTU (GBTU)	1.934	2.853	0.136	0.619	0.237	0.454	6.233
13. NET GEN (MWH)	101	150	7	32	12	24	326
14. ANOMR (BTU/KWH)	19149	19020	19429	19344	19750	18917	19120
15. NOF (%)	84.9	96.0	411764.7	94.1	70.6	141.2	95.9
16. NSC (MW)	17	17	17	17	17	17	17

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**TAMPA ELECTRIC COMPANY
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PLANT/UNIT BIG BEND CT 2	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	99.5	99.2	100.0	99.7	99.7	99.7	99.6
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOP (%)	0.5	0.8	0.0	0.3	0.3	0.3	0.4
4. EUOR (%)	23.5	24.0	0.0	40.0	40.0	33.3	27.1
5. PH	745	720	744	744	672	744	4369
6. SH	13	19	1	3	3	4	43
7. RSH	728	695	743	739	667	736	4310
8. UH	4	6	0	2	2	2	16
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	2	3	0	1	1	1	8
11. MOH & EMOH	2	3	0	1	1	1	8
12. OPER BTU (GBTU)	11.726	19.006	1.084	3.518	3.039	3.435	41.808
13. NET GEN (MWH)	750	1255	72	235	202	226	2740
14. ANOHR (BTU/KWH)	15635	15144	15056	14970	15045	15190	15258
15. NOF (%)	72.1	82.6	90.0	97.9	84.2	70.6	79.7
16. NSC (MW)	80	80	80	80	80	80	80

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TAMPA ELECTRIC COMPANY
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PLANT/UNIT BIG BEND CT 3	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	99.5	99.4	100.0	99.7	100.0	100.0	99.9
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	0.5	0.6	0.0	0.3	0.0	0.0	0.2
4. EUOR (%)	28.6	22.2	0.0	40.0	0.0	0.0	23.8
5. PH	745	720	744	744	672	744	4369
6. SH	10	14	1	3	2	2	32
7. RSH	731	702	743	739	670	742	4327
8. UH	4	4	0	2	0	0	10
9. PCH	0	0	0	0	0	0	0
10. FOH & EFCH	2	2	0	1	0	0	5
11. MOH & EMCH	2	2	0	1	0	0	5
12. OPER BTU (GBTU)	8.986	14.010	0.770	2.895	2.377	2.396	31.434
13. NET GEN (MWH)	574	925	51	193	158	158	2059
14. ANOHR (BTU/KWH)	15655	15146	15098	15000	15044	15165	15297
15. NOF (%)	71.8	82.6	63.8	80.4	98.8	98.8	80.4
16. HSC (MW)	80	80	80	80	80	80	80

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PLANT/UNIT PHILLIPS 1	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	98.0	97.5	99.6	99.7	99.8	99.5	99.0
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	2.0	2.5	0.4	0.3	0.4	0.5	1.0
4. EUOR (%)	17.9	18.9	17.6	20.0	21.4	19.0	18.7
5. PH	745	720	744	744	672	744	4369
6. SH	69	77	14	8	11	17	196
7. RSH	661	625	727	734	658	723	4128
8. UH	15	18	3	2	3	4	45
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	5	6	1	1	1	1	15
11. MOH & EMOH	10	12	2	1	2	3	30
12. OPER BTU (GBTU)	14.330	13.875	2.456	1.717	2.180	2.915	37.473
13. NET GEN (MWH)	1185	1151	204	142	180	242	3104
14. ANOHR (BTU/KWH)	12093	12055	12039	12092	12111	12045	12072
15. NOF (%)	95.4	83.0	81.0	98.6	90.9	79.1	88.0
16. NSC (MW)	18	18	18	18	18	18	18

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PLANT/UNIT PHILLIPS 2	MONTH OF: OCT 94	MONTH OF: NOV 94	MONTH OF: DEC 94	MONTH OF: JAN 95	MONTH OF: FEB 95	MONTH OF: MAR 95	PERIOD WINTER 1994
1. EAF (%)	98.0	97.6	99.6	99.7	99.7	99.6	99.0
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	2.0	2.4	0.4	0.3	0.3	0.4	1.0
4. EUOR (%)	18.3	18.7	18.8	20.0	16.7	15.8	18.3
5. PH	745	720	744	744	672	744	4369
6. SH	67	74	13	6	10	16	68
7. RSH	663	629	729	734	660	725	39
8. UH	15	17	3	2	2	3	42
9. POH	0	0	0	0	0	0	0
10. FOH & EFOH	5	6	1	1	1	1	15
11. MOH & EMOH	10	11	2	1	1	2	27
12. OPER BTU (GBTU)	13,963	13,465	2,362	1,684	2,113	2,797	36,384
13. NET GEN (MWH)	1154	1117	196	139	175	232	3013
14. ANOHR (BTU/KWH)	12100	12055	12051	12115	12074	12056	12076
15. NOF (%)	95.7	83.9	113.8	96.5	117.2	80.6	89.0
16. NSC (MW)	18	18	18	18	18	18	18

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