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November 20, 1997

HAND DELIVERED

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

Re: Fuel and Purchased Power Cost Recovery Clause
with Generating Performance Incentive Factor;
FPSC Docket No. 970001-EI

Dear Ms. Bayo:

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

1. Prepared Direct Testimony of Karen A. Zwolak and Exhibit (KOZ-1) regarding Tampa Electric's Fuel Cost Recovery and Capacity Cost Recovery for the period April 1997 through September 1997. 11934-97
2. Prepared Direct Testimony of George A. Keselowsky with Exhibit (GAK-1) regarding Tampa Electric Company's performance under the Generating Performance Incentive Factor for the period April 1997 - September 1997. 11935-97

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

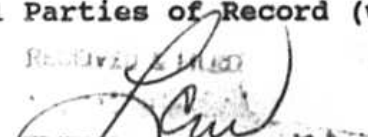
Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

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

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WAS _____
OTH _____

RECEIVED & FILED

FPSC BUREAU OF RECORDS

Ms. Blanca S. Bayo
November 20, 1997
Page Two

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 or hand delivery (*) on this 20th day of November, 1997 to the following:

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ORIGINAL

TAMPA ELECTRIC COMPANY
DOCKET NO. 970001-EI
SUBMITTED FOR FILING 11/20/97
(TRUE UP)

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

GEORGE A. KESELOWSKY

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.

DOCUMENT NUMBER-DATE

11935 NOV 20 5

FPSC-RECORDS/REPORTING

1 Q. What are your current responsibilities?

2

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

6

7 Q. What is the purpose of your testimony?

8

9 A. My testimony presents the actual performance results
10 unit equivalent availability and station heat rate
11 determine the Generating Performance Incentive
12 (GPIF) for the period April 1997 through September
13 I will also compare these results to the
14 established prior to the beginning of the period.

15

16 Q. Have you prepared an exhibit with the results for the
17 month period?

18

19 A. Yes. Under my direction and supervision an exhibit
20 been prepared entitled, "Tampa Electric Company,
21 1997 - September 1997, Generating Performance Incentive
22 Factor Results" consisting of 28 pages that was filed with
23 this testimony (Have identified as Exhibit GAK-1).

24

25

1 Q. Are the equivalent availability results shown on page 6,
2 column 2, directly applicable to the GPIF table?
3
4 A. Not exactly. Adjustments to equivalent availability may be
5 required as noted in section 4.3.3 of the GPIF Manual. The
6 actual equivalent availability including the required
7 adjustment is shown on page 6 of my exhibit. The necessary
8 adjustments as prescribed in the GPIF Manual are further
9 defined by a letter dated October 23, 1981, from Mr. J.H.
10 Hoffsis of the Commission's Staff. The adjustments for
11 each unit are as follows:
12
13 Gannon Unit No. 5
14 On this unit, no planned outage hours were originally
15 scheduled to fall within the Summer 1997 period, and none
16 in fact occurred. Consequently, the actual equivalent
17 availability of 74.7% requires no adjustment, as shown on
18 page 7 of my exhibit.
19
20 Gannon Unit No. 6
21 On this unit, 168 planned outage hours were originally
22 scheduled to fall within the Summer 1997 period. Due to a
23 revision of the outage schedule, this work was accomplished
24 prior to the beginning of the period, and no planned outage
25 hours fell within the period. Consequently, the actual

1 equivalent availability of 82.0% is adjusted to 78.9%, as
2 shown on page 8 of my exhibit.

3
4 Big Bend Unit No. 1

5 On this unit 983 planned outage hours were originally
6 scheduled to fall within the Summer 1997 period. Due to a
7 revision of the outage schedule 1145.4 planned outage hours
8 fell within the period. Consequently, the actual equivalent
9 availability of 62.9% is adjusted to 66.0% as shown on page
10 9 of my exhibit.

11
12 Big Bend Unit No. 2

13 On this unit no planned outage hours were originally
14 scheduled to fall within the Summer 1997 period, and none
15 in fact occurred. Consequently, the actual equivalent
16 availability of 87.4% requires no adjustment as shown on
17 page 10 of my exhibit.

18
19 Big Bend Unit No. 3

20 On this unit no planned outage hours were originally
21 scheduled to fall within the Summer 1997 period. Due to a
22 revision of the outage schedule, outage activities were
23 moved forward to fall within the period, and required 671.0
24 hours. Consequently, the actual equivalent availability
25 of 71.3% is adjusted to 84.2% as shown on page 11 of my

1 exhibit.

2

3 Big Bend Unit No. 4

4 This unit was not scheduled to have a planned outage during
5 the Summer 1997 period, and none in fact occurred.
6 Consequently, the actual equivalent availability of 82.8%
7 requires no adjustment as shown on page 12 of my exhibit.

8

9 Q. How did you arrive at the applicable equivalent
10 availability points for each unit?

11

12 A. The final adjusted equivalent availabilities for each unit
13 are shown on page 6, column 4, of my exhibit. This number
14 is entered into the respective Generating Performance
15 Incentive Point (GPIP) Table for each particular unit on
16 pages 21 through 26. Page 4 of my exhibit summarizes the
17 equivalent availability points to be awarded or penalized.

18

19 Q. Would you please explain the heat rate results relative to
20 the GPIP?

21

22 A. The actual heat rate and adjusted actual heat rate for
23 Gannon and Big Bend Station are shown on page 6 of my
24 exhibit. The adjustment was developed based on the
25 guidelines of section 4.3.6 of the GPIP Manual. This

1 procedure is further defined by a letter dated October 23,
2 1981, from Mr. J.H. Hoffsis of the FPSC Staff. The final
3 adjusted actual heat rates are also shown on page 5 of my
4 exhibit. This heat rate number is entered into the
5 respective GPIIP table for the particular unit, shown on
6 pages 21 through 26. Page 4 of my exhibit summarizes the
7 weighted heat rate and equivalent availability points to be
8 awarded.

9
10 Q. Were any additional adjustments to heat rate required?

11
12 A. In order to assure compatability of data, Big Bend Unit 3
13 heat rates have been calculated in the standard fashion,
14 without scrubber power. This methodology has been reviewed
15 and approved by the PSC staff, to be employed until there
16 is sufficient operational history with the scrubber to meet
17 target preparation guidelines.

18
19 Q. Does this assure that the Big Bend 3 heat rate for the
20 period is appropriate for comparison to its target and
21 meets GPIIP criteria?

22
23 A. Yes.

24

25

1 Q. What is the overall GPIIP for Tampa Electric Company during
2 this six month period?
3
4 A. This is shown on page 28 of my exhibit. Essentially, the
5 weighting factors shown on page 4, column 3, plus the
6 equivalent availability points and the heat rate points
7 shown on page 4, column 4, are substituted within the
8 equation. This resultant value, -1.613, is then entered
9 into the GPIIF table on page 2. Using linear interpolation,
10 a penalty amount of \$363,850 is calculated.
11
12 Q. Does this conclude your testimony?
13
14 A. Yes, it does.
15
16
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25

**TAMPA ELECTRIC COMPANY
APRIL 1997 - SEPTEMBER 1997
GENERATING PERFORMANCE INCENTIVE FACTOR
RESULTS
TABLE OF CONTENTS**

<u>SCHEDULE</u>	<u>PAGE</u>
GPIF REWARD / PENALTY TABLE ACTUAL	2
GPIF CALCULATIONS OF MAXIMUM ALLOWED INCENTIVE DOLLARS	3
CALCULATIONSS OF SYSTEM ACTUAL GPIF POINTS	4
GPIF UNIT PERFORMANCE SUMMARY, EQUIVALENT AVAILABILITY	5
GPIF UNIT PERFORMANCE SUMMARY, AVERAGE NET OPERATING HEAT RATE	5
GPIF UNIT PERFORMANCE DATA	6
GPIF (EAF & HEAT RATE) ADJUSTMENT COMPUTATIONS	7 - 18
PLANNED OUTAGE SCHEDULE - ACTUAL	19
CRITICAL PATH DIAGRAM	20
GENERATING PERFORMANCE INCENTIVE POINTS TABLES (ACTUAL)	21 - 26
COMPARISON OF GPIF TARGET VS ACTUAL PERFORMANCE	27
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATIONS	28

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
REWARD / PENALTY TABLE - ACTUAL
APRIL 1997 - SEPTEMBER 1997

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) (\$000)	GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)
+10	5,650.9	2,255.7
+9	5,085.8	2,030.2
+8	4,520.7	1,804.6
+7	3,955.6	1,579.0
+6	3,390.5	1,353.4
+5	2,825.5	1,127.9
+4	2,260.4	902.3
+3	1,695.3	676.7
+2	1,130.2	451.1
+1	565.1	225.6
0	0	0.0
-1	(859.5)	(225.6)
-2	(1,719.0)	(451.1)
-3	(2,578.5)	(676.7)
-4	(3,438.0)	(902.3)
-5	(4,297.5)	(1,127.9)
-6	(5,157.0)	(1,353.4)
-7	(6,016.5)	(1,579.0)
-8	(6,876.0)	(1,804.6)
-9	(7,735.5)	(2,030.2)
-10	(8,595.0)	(2,255.7)

←	GPIP Points -1.613	REWARD DOLLARS (\$363,850)	→
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**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS
ACTUAL
APRIL 1997 - SEPTEMBER 1997**

Line 1	Beginning of period balance of common equity end of month common equity:	\$1,118,123,557
Line 2	Month of April 1997	\$1,098,370,149
Line 3	Month of May 1997	\$1,111,295,738
Line 4	Month of June 1997	\$1,127,791,151
Line 5	Month of July 1997	\$1,114,862,686
Line 6	Month of August 1997	\$1,133,101,662
Line 7	Month of September 1997	\$1,147,458,353
Line 8	(summation of line 1 through line 7 divided by 7)	\$1,121,571,899
Line 9	25 Basis points	0.0025
Line 10	Revenue expansion factor	61.3738%
Line 11	Maximum allowed incentive Dollars (Line 8 times line 9 divided by line 10 times 0.5)	\$2,284,305
Line 12	Jurisdictional Sales	8020363 MWH
Line 13	Total Sales	8121944 MWH
Line 14	Jurisdictional Separation Factor (Line 12 divided by line 13)	98.75%
Line 15	Maximum Allowed Jurisdictional Incentive Dollars (Line 11 times line 14)	\$2,255,735

**TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS
APRIL 1997 - SEPTEMBER 1997
ACTUAL**

<u>PLANT/UNIT</u>	<u>6 MO ADJ ACTUAL PERFORMANCE</u>	<u>WEIGHTING FACTOR %</u>	<u>UNIT POINTS</u>	<u>WEIGHTED UNIT POINTS</u>
GANNON 5	74.7% EAF	4.39%	-10.000	-0.439
GANNON 6	78.9% EAF	5.23%	-10.000	-0.523
BIG BEND 1	66.0% EAF	9.61%	-2.843	-0.273
BIG BEND 2	87.4% EAF	10.53%	8.414	0.886
BIG BEND 3	84.1% EAF	15.45%	-0.221	-0.034
BIG BEND 4	82.8% EAF	7.30%	-10.000	-0.730
GANNON 5	10564 ANOHR	7.72%	-1.242	-0.096
GANNON 6	10465 ANOHR	8.61%	0.000	0.000
BIG BEND 1	10164 ANOHR	8.18%	-5.735	-0.462
BIG BEND 2	9991 ANOHR	9.36%	0.691	0.065
BIG BEND 3	9988 ANOHR	7.07%	0.000	0.000
BIG BEND 4	9970 ANOHR	<u>6.55%</u>	0.000	<u>0.000</u>
				-1.613

GPIF REWARD

(\$363,850)

TAMPA ELECTRIC COMPANY
GPIF TARGET AND RANGE SUMMARY
APRIL 1997 - SEPTEMBER 1997

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. FUEL LOSS (\$000)</u>	<u>EAF ADJUSTED ACTUAL %</u>	<u>ACTUAL FUEL SAVINGS/LOSS (\$000)</u>
GANNON 5	4.39%	90.0	92.0	86.0	248.1	(578.6)	74.7%	(248.1)
GANNON 6	5.23%	86.3	88.7	82.4	295.5	(550.0)	78.9%	(295.5)
BIG BEND 1	9.61%	67.3	70.9	61.6	542.9	(1,362.5)	66.0%	(154.3)
BIG BEND 2	10.53%	84.9	87.9	78.9	595.0	(1,181.4)	87.4%	500.6
BIG BEND 3	15.45%	84.3	87.4	77.9	873.2	(1,462.5)	84.1%	(32.3)
BIG BEND 4	7.30%	91.5	93.2	88.1	412.6	(776.4)	82.8%	(412.6)
GPIF SYSTEM	52.51%				2,967.3	(5,911.4)		

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</u>		<u>MAX. FUEL SAVINGS (\$000)</u>	<u>MAX. FUEL LOSS (\$000)</u>	<u>ACTUAL ADJUSTED ANOHR</u>	<u>ACTUAL FUEL SAVINGS/LOSS (\$000)</u>
				<u>MIN.</u>	<u>MAX.</u>				
GANNON 5	7.72%	10448	79.6	10043	10853	436.0	(436.0)	10564	(54.2)
GANNON 6	8.61%	10471	79.7	10177	10765	486.6	(486.6)	10465	0.0
BIG BEND 1	8.18%	9968	90.4	9682	10254	462.4	(462.4)	10164	(265.2)
BIG BEND 2	9.36%	10079	88.7	9816	10342	529.0	(529.0)	9991	36.6
BIG BEND 3	7.07%	9969	85.7	9759	10179	399.4	(399.4)	9988	0.0
BIG BEND 4	6.55%	9992	92.5	9825	10159	370.2	(370.2)	9970	0.0
GPIF SYSTEM	47.49%					2,683.6	(2,683.6)		

**TAMPA ELECTRIC COMPANY
ACTUAL UNIT PERFORMANCE DATA
APRIL 1997 - SEPTEMBER 1997**

<u>PLANT / UNIT</u>	<u>ACTUAL EAF %</u>	<u>ADJUSTMENTS (1) EAF %</u>	<u>EAF ADJUSTED ACTUAL %</u>
GANNON 5	74.7	0.0	74.7
GANNON 6	82.0	-3.1	78.9
BIG BEND 1	62.9	3.1	66.0
BIG BEND 2	87.4	0.0	87.4
BIG BEND 3	71.3	12.9	84.2
BIG BEND 4	82.8	0.0	82.8

<u>PLANT / UNIT</u>	<u>ACTUAL ANOHR Btu/kwh</u>	<u>ADJUSTMENTS (1) TO ANOHR Btu/kwh</u>	<u>ANOHR ADJUSTED ACTUAL Btu/kwh</u>
GANNON 5	10581	-17	10564
GANNON 6	10467	-2	10465
BIG BEND 1	10447	-283	10164
BIG BEND 2	10320	-329	9991
BIG BEND 3	10077	-89	9988
BIG BEND 4	10199	-229	9970

-(1) Documentation of adjustments to Actual EAF on pages 7 - 12

(1) Documentation of adjustments to Actual ANOHR on pages 13 - 18

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
GANNON UNIT NO. 5
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 4.39%

	<u>6 MO. TARGET</u>	<u>6 MO. ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
P.H.	4391.0	4391.0	4391.0
E.A.F.	90.0	74.7	74.7
P.O.H.	0.0	0.0	0.0
F.O.H. + E.F.O.H	354.0	1029.7	1029.7
M.O.H. + E.M.O.H	87.0	82.6	82.6
P.O.F.	0.0	0.0	0.0
E.F.O.F.	8.1	23.5	23.5
E.M.O.F.	2.0	1.9	1.9

-10.000 E. A. POINTS

ADJUSTMENTS TO E.A.F.

$$\frac{\text{P.H.} - \text{TGT POH}}{\text{P.H.} - \text{ACT POH}} \times (\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH}) = \text{ADJUSTED EUOH}$$

$$\frac{4391 - 0}{4391 - 0} \times (631.3 + 398.4 + 49.6 + 33.0) = 1112.3$$

$$\frac{0 + 1112}{4391} \times 100 = 25.3$$

$$100.0 - 25.3 = 74.7$$

PH - PERIOD HOURS
EAF - EQUIVALENT AVAILABILITY FACTOR
POH - PLANNED OUTAGE HOURS
FOH - FORCED OUTAGE HOURS
MOH - MAINTENANCE OUTAGE HOURS
POF - PLANNED OUTAGE FACTOR
EFOF - EQUIVALENT FORCED OUTAGE FACTOR
EMOF - EQUIVALENT MAINTENANCE OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
GANNON UNIT NO. 6
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 5.23%

	<u>6 MO. TARGET</u>	<u>6 MO. ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
P.H.	4391.0	4391.0	4391.0
E.A.F.	86.3	82.0	78.9
P.O.H.	168.0	0.0	168.0
F.O.H. + E.F.O.H	228.0	591.3	568.7
M.O.H. + E.M.O.H	207.0	199.1	191.5
P.O.F.	3.8	0.0	3.8
E.F.O.F.	5.2	13.5	13.0
E.M.O.F.	4.7	4.5	4.4

-10.000 E. A. POINTS

ADJUSTMENTS TO E.A.F.

$$\frac{\text{P.H.} - \text{TGT POH}}{\text{P.H.} - \text{ACT POH}} \times (\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH}) = \text{ADJUSTED EUOH}$$

$$\frac{4391 - 168}{4391 - 0} \times (314.9 + 276.4 + 48.1 + 151.0) = 760.2$$

$$\frac{168 + 760}{4391} \times 100 = 21.1$$

$$100.0 - 21.1 = 78.9$$

PH - PERIOD HOURS
EAF - EQUIVALENT AVAILABILITY FACTOR
POH - PLANNED OUTAGE HOURS
FOH - FORCED OUTAGE HOURS
MOH - MAINTENANCE OUTAGE HOURS
EUOH - EQUIVALENT UNPLANNED OUTAGE HOURS
POF - PLANNED OUTAGE FACTOR
EFOF - EQUIVALENT FORCED OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 1
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 9.61%

	<u>6 MO. TARGET</u>	<u>6 MO. ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
P.H.	4391.0	4391.0	4391.0
E.A.F.	67.8	62.9	66.0
P.O.H.	983.0	1145.4	983.0
F.O.H. + E.F.O.H	293.0	256.5	269.3
M.O.H. + E.M.O.H	137.0	227.6	239.0
P.O.F.	22.4	26.1	22.4
E.F.O.F.	6.7	5.8	6.1
E.M.O.F.	3.1	5.2	5.4

-2.843 E. A. POINTS

ADJUSTMENTS TO E.A.F.

$$\frac{\text{P.H.} - \text{TGT POH}}{\text{P.H.} - \text{ACT POH}} \times (\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH}) = \text{ADJUSTED EUOH}$$

$$\frac{4391 - 983}{4391 - 1145} \times (134.8 + 121.7 + 119.8 + 107.8) = 508.3$$

$$\frac{983 + 508}{4391} \times 100 = 34$$

$$100.0 - 34.0 = 66.0$$

PH - PERIOD HOURS
EAF - EQUIVALENT AVAILABILITY FACTOR
POH - PLANNED OUTAGE HOURS
FOH - FORCED OUTAGE HOURS
MOH - MAINTENANCE OUTAGE HOURS
EUOH - EQUIVALENT UNPLANNED OUTAGE HOURS
POF - PLANNED OUTAGE FACTOR
EFOF - EQUIVALENT FORCED OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 2
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 10.53%

	<u>6 MO. TARGET</u>	<u>6 MO. ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
P.H.	4391.0	4391.0	4391.0
E.A.F.	84.9	87.4	87.4
P.O.H.	0.0	0.0	0.0
F.O.H. + E.F.O.H	461.0	347.4	347.4
M.O.H. + E.M.O.H	201.0	204.8	204.8
P.O.F.	0.0	0.0	0.0
E.F.O.F.	10.5	7.9	7.9
E.M.O.F.	4.6	4.7	4.7

8.414 E. A. POINTS

ADJUSTMENTS TO E.A.F.

$$\frac{\text{P.H. - TGT POH}}{\text{P.H. - ACT POH}} \times (\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH}) = \text{ADJUSTED EUOH}$$

$$\frac{4391 - 0}{4391 - 0} \times (84.0 + 263.4 + 0.0 + 204.8) = 552.2$$

$$\frac{0 + 552}{4391} \times 100 = 12.6$$

$$100.0 - 12.6 = 87.4$$

PH - PERIOD HOURS
EAF - EQUIVALENT AVAILABILITY FACTOR
POH - PLANNED OUTAGE HOURS
FOH - FORCED OUTAGE HOURS
MOH - MAINTENANCE OUTAGE HOURS
EUOH - EQUIVALENT UNPLANNED OUTAGE HOURS
POF - PLANNED OUTAGE FACTOR
EFOF - EQUIVALENT FORCED OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 3
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 15.45%

	<u>6 MO. TARGET</u>	<u>6 MO. ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
P.H.	4391.0	4391.0	4391.0
E.A.F.	84.3	71.5	84.2
P.O.H.	0.0	671.0	0.0
F.O.H. + E.F.O.H	495.0	435.4	513.9
M.O.H. + E.M.O.H	195.0	153.9	181.7
P.O.F.	0.0	15.3	0.0
E.F.O.F.	11.3	9.9	11.7
E.M.O.F.	4.4	3.5	4.1

-0.221 E. A. POINTS

ADJUSTMENTS TO E.A.F.

$$\frac{\text{P.H.} - \text{TGT POH}}{\text{P.H.} - \text{ACT POH}} \times (\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH}) = \text{ADJUSTED EUOH}$$

$$\frac{4391 - 0}{4391 - 671} \times (128.6 + 306.8 + 42.4 + 111.5) = 695.6$$

$$\frac{0 + 696}{4391} \times 100 = 15.8$$

$$100.0 - 15.8 = 84.2$$

PH - PERIOD HOURS
EAF - EQUIVALENT AVAILABILITY FACTOR
POH - PLANNED OUTAGE HOURS
FOH - FORCED OUTAGE HOURS
MOH - MAINTENANCE OUTAGE HOURS
EUOH - EQUIVALENT UNPLANNED OUTAGE HOURS
POF - PLANNED OUTAGE FACTOR
EFOF - EQUIVALENT FORCED OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 4
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 7.30%

	<u>6 MO. TARGET</u>	<u>6 MO. ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
P.H.	4391.0	4391.0	4391.0
E.A.F.	91.5	82.8	82.8
P.O.H.	0.0	0.0	0.0
F.O.H. + E.F.O.H	189.0	273.6	273.6
M.O.H. + E.M.O.H	183.0	481.6	481.6
P.O.F.	0.0	0.0	0.0
E.F.O.F.	4.3	6.2	6.2
E.M.O.F.	4.2	11.0	11.0

-10.000 E. A. POINTS

ADJUSTMENTS TO E.A.F.

$$\frac{\text{P.H.} - \text{TGT POH}}{\text{P.H.} - \text{ACT POH}} \times (\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH}) = \text{ADJUSTED EUOH}$$

$$\frac{4391 - 0}{4391 - 0} \times (115.5 + 158.1 + 341.9 + 139.7) = 755.2$$

$$\frac{0 + 755}{4391} \times 100 = 17.2$$

$$100.0 - 17.2 = 82.8$$

PH - PERIOD HOURS
EAF - EQUIVALENT AVAILABILITY FACTOR
POH - PLANNED OUTAGE HOURS
FOH - FORCED OUTAGE HOURS
MOH - MAINTENANCE OUTAGE HOURS
EUOH - EQUIVALENT UNPLANNED OUTAGE HOURS
POF - PLANNED OUTAGE FACTOR
EFOF - EQUIVALENT FORCED OUTAGE FACTOR

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
GANNON UNIT NO. 5
HEAT RATE DATA
APRIL 1997 - SEPTEMBER 1997**

WEIGHTING FACTOR = 7.72%

	<u>6 MO. TARGET</u>	<u>6 MO ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10448	10581
STA. NET GEN. (GWH)	747.3	639.7
OPER. Btu (10 ⁹ btu)	7807.691	6768.615
NET OUTPUT FACTOR	79.6	77.9

-1.242 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION $\text{NOF}(-9.9884) + 11243.0 = \text{ANOHR}$

77.9	(-9.9884)	+	11243.0	=	10465
10581	-	10465	=	116	
10448	+	116	=	10564	

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
GANNON UNIT NO. 6
HEAT RATE DATA
APRIL 1997 - SEPTEMBER 1997**

WEIGHTING FACTOR = 8.61%

	<u>6 MO. TARGET</u>	<u>6 MO ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10471	10467
STA. NET GEN. (GWH)	1148.8	1164.0
OPER. Btu (10 ⁹ btu)	12028.716	12183.631
NET OUTPUT FACTOR	79.7	80.6

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION $NOF(3.0441) + 10228.2 = ANOHR$

$$80.6 (3.0441) + 10228.2 = 10473$$

$$10467 - 10473 = -6$$

$$10471 + -6 = 10465$$

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 1
HEAT RATE DATA
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 8.18%

	<u>6 MO. TARGET</u>	<u>6 MO ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	9968	10447
STA. NET GEN. (GWH)	1175.9	1033.3
OPER. Btu (10 ⁹ btu)	11721.296	10795.053
NET OUTPUT FACTOR	90.4	82.1

-5.735 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

$$\begin{array}{rcll} \text{CURRENT EQUATION} & \text{NOF}(-33.9219) + 13034.3 & = & \text{ANOHR} \\ 82.1 (-33.9219) + 13034.3 & & = & 10251 \\ 10447 - & 10251 & = & 196 \\ 9968 + & 196 & = & 10164 \end{array}$$

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 2
HEAT RATE DATA
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 9.36%

	<u>6 MO. TARGET</u>	<u>6 MO ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10079	10320
STA. NET GEN. (GWH)	1468.3	1419.5
OPER. Btu (10 ⁹ btu)	14799.087	14649.868
NET OUTPUT FACTOR	88.7	78.3

0.691 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION NOF(-31.6047) + 12882.2 = ANOHR

78.3	(-31.6047)	+	12882.2	=	10408
10320	-		10408	=	-88
10079	+		-88	=	9991

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 3
HEAT RATE DATA
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 7.07%

	<u>6 MO. TARGET</u>	<u>6 MO ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	9969	10077
STA. NET GEN. (GWH)	1506.0	1227.7
OPER. Btu (10 ⁹ btu)	15013.748	12370.805
NET OUTPUT FACTOR	85.7	80.4

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

$$\begin{array}{rcll} \text{CURRENT EQUATION} & \text{NOF}(-16.9753) + 11424.1 & = & \text{ANOHR} \\ 80.4 & (-16.9753) + 11424.1 & = & 10058 \\ 10077 & - & 10058 & = & 19 \\ 9969 & + & 19 & = & 9988 \end{array}$$

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 4
HEAT RATE DATA
APRIL 1997 - SEPTEMBER 1997

WEIGHTING FACTOR = 6.55%

	<u>6 MO. TARGET</u>	<u>6 MO ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	9992	10199
STA. NET GEN. (GWH)	1682.9	1491.7
OPER. Btu (10 ⁹ btu)	16815.041	15214.317
NET OUTPUT FACTOR	92.5	85.8

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION	NOF(-34.1420) + 13150.0	=	ANOHR
	85.8 (-34.1420) + 13150.0	=	10221
	10199 -	10221	= -22
	9992 +	-22	= 9970

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

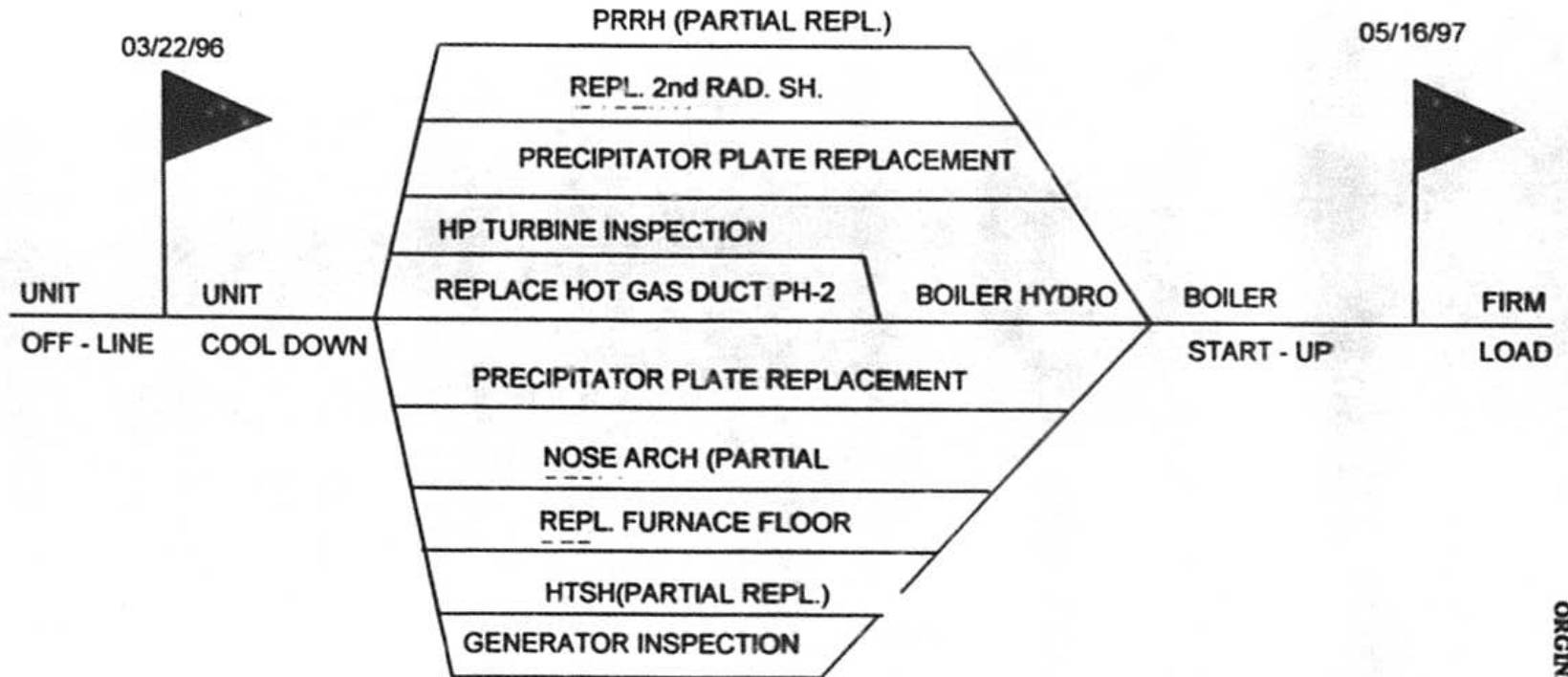
TAMPA ELECTRIC COMPANY
GPIF PLANNED OUTAGE SCHEDULE - ACTUAL
APRIL 1997 - SEPTEMBER 1997

<u>STATION/UNIT</u>	<u>PLANNED OUTAGE DATES</u>	<u>OUTAGE REASON</u>
*BIG BEND 1	MAR 22 - MAY 16	HTSH (Partial Replacement) PRRH (Partial Replacement) REPL. 2nd Rad. SH (Partial) REPL. HOT GAS Duct PH-2 REPL. PPTR. PLATES NOSE ARCH (Partial Repl.) REPL. FURNACE FLOOR REF. HP INSPECTION GENERATOR INSPECTION BFPT INSPECTION
BIG BEND 3	JUL 11 - AUG 03	ANNUAL MAINTENANCE OUTAGE

Milestone or Critical Path Charts of actual schedule are included on page 20.

* Start / End dates outside of GPIF period.

** Outage is less than two weeks in duration and a CPM was not included for this unit.



TAMPA ELECTRIC COMPANY
 BIG BEND UNIT NUMBER 1
 PLANNED OUTAGE 1997
 ACTUAL CPM
 11/12/97

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE**

APRIL 1997 - SEPTEMBER 1997

GANNON 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	248.1	92.0	+10	436.0	10043
+9	223.3	91.8	+9	392.4	10076
+8	198.5	91.6	+8	348.8	10109
+7	173.7	91.4	+7	305.2	10142
+6	148.9	91.2	+6	261.6	10175
+5	124.1	91.0	+5	218.0	10208
+4	99.2	90.8	+4	174.4	10241
+3	74.4	90.6	+3	130.8	10274
+2	49.6	90.4	+2	87.2	10307
+1	24.8	90.2	+1	43.6	10340
0	0.0	90.0	0	0.0	10373
				0.0	10448
				0.0	10523
-1	(57.9)	89.6	-1	(43.6)	10556
-2	(115.7)	89.2	-2	(87.2)	10589
-3	(173.6)	88.8	-3	(130.8)	10622
-4	(231.4)	88.4	-4	(174.4)	10655
-5	(289.3)	88.0	-5	(218.0)	10688
-6	(347.2)	87.6	-6	(261.6)	10721
-7	(405.0)	87.2	-7	(305.2)	10754
-8	(462.9)	86.8	-8	(348.8)	10787
-9	(520.7)	86.4	-9	(392.4)	10820
-10	(578.6)	86.0	-10	(436.0)	10853

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> EAP POINTS -10.000 </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Adjusted EAP 74.4% </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> AHR POINTS -1.242 </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Adjusted Actual AHR 10564 </div>
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-	Weighting Factor =	4.39%	-	Weighting Factor =	7.72%
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TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
APRIL 1997 - SEPTEMBER 1997
GANNON 6

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	248.1	88.7	+10	486.6	10177
+9	223.3	88.5	+9	437.9	10199
+8	198.5	88.2	+8	389.3	10221
+7	173.7	88.0	+7	340.6	10243
+6	148.9	87.7	+6	292.0	10265
+5	124.1	87.5	+5	243.3	10287
+4	99.2	87.3	+4	194.6	10308
+3	74.4	87.0	+3	146.0	10330
+2	49.6	86.8	+2	97.3	10352
+1	24.8	86.5	+1	48.7	10374
0	0.0	86.3	0	0.0	10396
-1	(57.9)	85.9	-1	(48.7)	10568
-2	(115.7)	85.5	-2	(97.3)	10590
-3	(173.6)	85.1	-3	(146.0)	10612
-4	(231.4)	84.7	-4	(194.6)	10634
-5	(289.3)	84.4	-5	(243.3)	10656
-6	(347.2)	84.0	-6	(292.0)	10677
-7	(405.0)	83.6	-7	(340.6)	10699
-8	(462.9)	83.2	-8	(389.3)	10721
-9	(520.7)	82.8	-9	(437.9)	10743
-10	(578.6)	82.4	-10	(486.6)	10765

← EAF POINTS -18.000 →	Adjusted EAF 78.9 →	← AHR POINTS 0.000 →	Adjusted Actual ANOHR 10465 →
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Weighting Factor =	5.23%	Weighting Factor =	8.61%
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TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
APRIL 1997 - SEPTEMBER 1997
BIG BEND 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	542.9	70.9	+10	462.4	9672
+9	488.6	70.6	+9	416.2	9703
+8	434.3	70.3	+8	369.9	9724
+7	380.0	70.0	+7	323.7	9745
+6	325.7	69.7	+6	277.4	9766
+5	271.5	69.4	+5	231.2	9788
+4	217.2	69.0	+4	185.0	9809
+3	162.9	68.7	+3	138.7	9830
+2	108.6	68.4	+2	92.5	9851
+1	54.3	68.1	+1	46.2	9872
0	0.0	67.8	0	0.0	9893
-1	136.3	67.2	-1	(46.2)	9968
-2	272.5	66.6	-2	(92.5)	10043
-3	408.8	65.9	-3	(138.7)	10064
-4	545.0	65.3	-4	(185.0)	10085
-5	681.3	64.7	-5	(231.2)	10106
-6	817.5	64.1	-6	(277.4)	10127
-7	953.8	63.5	-7	(323.7)	10149
-8	1,090.0	62.8	-8	(369.9)	10170
-9	1,226.3	62.2	-9	(416.2)	10191
-10	1,362.5	61.6	-10	(462.4)	10212
					10233
					10254
	Weighting Factor =	9.61%		Weighting Factor =	8.18%

EAF POINTS -2.843

Adjusted EAF 66.0

AHR POINTS -5.735

Adjusted Actual ANOHR 10164

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
APRIL 1997 - SEPTEMBER 1997
BIG BEND 2

EQUVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	595.0	87.9	+10	529.0	9816
+9	535.5	87.6	+9	476.1	9835
+8	476.0	87.3	+8	423.2	9854
+7	416.5	87.0	+7	370.3	9872
+6	357.0	86.7	+6	317.4	9891
+5	297.5	86.4	+5	264.5	9910
+4	238.0	86.1	+4	211.6	9929
+3	178.5	85.8	+3	158.7	9948
+2	119.0	85.5	+2	105.8	9966
+1	59.5	85.2	+1	52.9	9985
0	0.0	84.9	0	0.0	10004
-1	(118.1)	84.3	-1	(52.9)	10079
-2	(236.3)	83.7	-2	(105.8)	10154
-3	(354.4)	83.1	-3	(158.7)	10173
-4	(472.6)	82.5	-4	(211.6)	10192
-5	(590.7)	81.9	-5	(264.5)	10210
-6	(708.8)	81.3	-6	(317.4)	10229
-7	(827.0)	80.7	-7	(370.3)	10248
-8	(945.1)	80.1	-8	(423.2)	10267
-9	(1,063.3)	79.5	-9	(476.1)	10286
-10	(1,181.4)	78.9	-10	(529.0)	10304
	Weighting Factor =	10.53%		Weighting Factor =	9.36%

EAP POINTS 8.414

Adjusted EAP 87.4

AHR POINTS 6.691

Adjusted Actual ANOHR 9991

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
APRIL 1997 - SEPTEMBER 1997
BIG BEND 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	873.2	87.4	+10	399.4	9759
+9	785.9	87.1	+9	359.5	9773
+8	698.6	86.8	+8	319.5	9786
+7	611.2	86.5	+7	279.6	9800
+6	523.9	86.2	+6	239.6	9813
+5	436.6	85.9	+5	199.7	9827
+4	349.3	85.5	+4	159.8	9840
+3	262.0	85.2	+3	119.8	9854
+2	174.6	84.9	+2	79.9	9867
+1	87.3	84.6	+1	39.9	9881
0	0.0	84.3	0	0.0	9894
-1	146.3	83.7	-1	(39.9)	10058
-2	292.5	83.0	-2	(79.9)	10071
-3	438.8	82.4	-3	(119.8)	10085
-4	585.0	81.7	-4	(159.8)	10098
-5	731.3	81.1	-5	(199.7)	10112
-6	877.5	80.5	-6	(239.6)	10125
-7	1,023.8	79.8	-7	(279.6)	10139
-8	1,170.0	79.2	-8	(319.5)	10152
-9	1,316.3	78.5	-9	(359.5)	10166
-10	1,462.5	77.9	-10	(399.4)	10179

← EAF POINTS -6.221	Adjusted EAF 84.1 →	← AHR POINTS 6.000	Adjusted Actual ANOHR 9988 →
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Weighting Factor =	15.45%	Weighting Factor =	7.07%
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TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
APRIL 1997 - SEPTEMBER 1997
BIG BEND 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) (\$ X 1000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	412.6	93.2	+10	370.2	9825
+9	371.3	93.0	+9	333.2	9834
+8	330.1	92.9	+8	296.2	9843
+7	288.8	92.7	+7	259.1	9853
+6	247.6	92.5	+6	222.1	9862
+5	206.3	92.4	+5	185.1	9871
+4	165.0	92.2	+4	148.1	9880
+3	123.8	92.0	+3	111.1	9889
+2	82.5	91.8	+2	74.0	9899
+1	41.3	91.7	+1	37.0	9908
0	0.0	91.5	0	0.0	9917
-1	77.6	91.2	-1	(37.0)	10076
-2	155.3	90.8	-2	(74.0)	10085
-3	232.9	90.5	-3	(111.1)	10095
-4	310.6	90.1	-4	(148.1)	10104
-5	388.2	89.8	-5	(185.1)	10113
-6	465.8	89.5	-6	(222.1)	10122
-7	543.5	89.1	-7	(259.1)	10131
-8	621.1	88.8	-8	(296.2)	10141
-9	698.8	88.4	-9	(333.2)	10150
-10	776.4	88.1	-10	(370.2)	10159

← EAF POINTS -10.000	Adjusted EAF 82.8 →	← AHR POINTS 8.000	Adjusted Actual A/NOHR 9970 →
Weighting Factor =	7.30%	Weighting Factor =	6.55%

TAMPA ELECTRIC COMPANY

COMPARISON OF GPIF TARGETS VS. PRIOR PERIOD ACTUAL PERFORMANCE

APRIL 1997 - SEPTEMBER 1997

AVAILABILITY

PLANT/UNIT	TARGET WEIGHTING FACTOR	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD APR 97 - SEP 97			ACTUAL PERFORMANCE APR 97 - SEP 97		
			POF	EUOF	EUOR	POF	EUOF	EUOR
BIG BEND 1	9.61%	18.3	22.4	9.8	12.6	26.1	11.0	14.9
BIG BEND 2	10.53%	20.1	0.0	15.1	15.1	0.0	12.6	12.6
BIG BEND 3	15.45%	29.4	0.0	15.7	15.7	15.3	13.4	15.8
BIG BEND 4	7.30%	13.9	0.0	8.5	8.5	0.0	17.2	17.2
GANNON 5	4.39%	8.4	0.0	10.0	10.0	0.0	25.3	25.3
GANNON 6	5.23%	10.0	3.8	9.9	10.3	0.0	18.0	18.0
	52.51%	100.0						
GPIF SYSTEM WEIGHTED AVERAGE			4.5	12.4	13.0	9.3	14.8	16.2
GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY			<u>83.1</u>			<u>75.9</u>		
			5 PERIOD AVERAGE			5 PERIOD AVERAGE		
			POF	EUOF	EUOR	EAF		
			7.1	11.0	11.9	81.9		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT/UNIT	TARGET WEIGHTING FACTOR	NORMALIZED WEIGHTING FACTOR	HEAT RATE TARGET	ADJUSTED ACTUAL HEAT RATE APR 97 - SEP 97
GANNON 5	7.72%	16.3	10448	10564
GANNON 6	8.61%	18.1	10471	10465
BIG BEND 1	8.18%	17.2	9968	10164
BIG BEND 2	9.36%	19.7	10079	9991
BIG BEND 3	7.07%	14.9	9969	9988
BIG BEND 4	6.55%	13.8	9992	9970
	47.49%	100.0		
GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh)			10162	10197

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
APRIL 1997 - SEPTEMBER 1997**

Points are calculated according to the formula:

$$\text{GPIP} = \sum_{i=1}^n [(a_i) (\text{EAP}_i) + (e_i) (\text{AHRP}_i)]$$

Where:

$i=1,n$

a = Unit equivalent availability weighting factor

EAP = Unit equivalent availability points

e = Station average heat rate weighting factor

AHRP = Station average heat rate points

Weighting factors and point values are listed in separate tables.

GPIP =	4.39%	*	(GN 5 EAP)	+	5.23%	*	(GN 6 EAP)	+	9.61%	*	(BB 1 EAP)
+	10.53%	*	(BB 2 EAP)	+	15.45%	*	(BB 3 EAP)	+	7.30%	*	(BB 4 EAP)
+	7.72%	*	(GN 5 AHRP)	+	8.61%	*	(GN 6 AHRP)	+	8.18%	*	(BB 1 AHRP)
+	9.36%	*	(BB 2 AHRP)	+	7.07%	*	(BB 3 AHRP)	+	6.55%	*	(BB 4 AHRP)

GPIP =	4.39%	*	-10.000	+	5.23%	*	-10.000	+	9.61%	*	-2.843
+	10.53%	*	8.414	+	15.45%	*	-0.221	+	7.30%	*	-10.000
+	7.72%	*	-1.242	+	8.61%	*	0.000	+	8.18%	*	-5.735
+	9.36%	*	0.691	+	7.07%	*	0.000	+	6.55%	*	0.000

GPIP =	-0.439	+	-0.523	+	-0.273	+	0.886
+	-0.034	+	-0.730	+	-0.096	+	0.000
+	-0.469	+	0.065	+	0.000	+	0.000

GPIP = -1.613 POINTS

REWARD/PENALTY dollar amounts of the Generating Performance Incentive Factor (GPIF) are determined directly from the table for the corresponding Generating Performance Points (GPIP) - see page 2.

GPIP = (\$363,850)