MACFARLANE AUSLEY FERGUSON & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

227 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(904) 224-9115 FAX (904) 222-7560

111 MADISON STREET, SUITE 2300
P.O. BOX 1531 (ZIP 33601)
TAMPA, FLORIDA 33602
(813) 273-4200 FAX (813) 273-4396

400 CLEVELAND STREET
P.O. BOX 1669 (ZIP 34617)
CLEARWATER, FLORIDA 34615
(813) 441-8966 FAX (813) 442-8470

May 20, 1996

HAND DELIVERED

IN REPLY REFER TO:

Tallahassee

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. 960001-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:

1. Prepared Direct Testimony of Mary Jo Pennino and Exhibit (MJP-1) entitled Fuel Cost Recovery and Capacity Cost Recovery for the period October 1995 through March 1966.

2. Prepared Direct Testimony of George A. Keselowsky with Exhibit (GAK-1) regarding Tampa Electric Company's Generating Performance Incentive Factor Results for the period October 1995 through March 1966.

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

ACK
AFA
APP
CAF
CMP
COM
EMC
LEG 1 JDB/pp
LIN 3 Enclosures
OPC
RCH
SEC 1
WAS
OTH

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

Keselowsky
DOCUMENT NUMBER-DATE
05574 MAY 20 96
FPSC-RECORDS/REPORTING

Pennino
DOCUMENT NUMBER-DATE
05573 MAY 20 96
FPSC-RECORDS/REPORTING

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 May, 1996 to the following:

Ms. Martha C. Brown*
Ms. Mary Elizabeth Culpepper
Division of Legal Services
Florida Public Service Comm'n.
101 East Gaines Street
Tallahassee, FL 32399-0863

Mr. James A. McGee
Senior Counsel
Florida Power Corporation
Post Office Box 14042
St. Petersburg, FL 33733

Mr. Joseph A. McGlothlin
Ms. Vicki Gordon Kaufman
McWhirter, Reeves, McGlothlin,
Davidson, Rief & Bakas
117 S. Gadsden Street
Tallahassee, FL 32301

Mr. Jack Shreve
Office of Public Counsel
Room 812
111 West Madison Street
Tallahassee, FL 32399-1400

Mr. Matthew M. Childs
Steel Hector & Davis
Suite 601
215 South Monroe Street
Tallahassee, FL 32301

Mr. John W. McWhirter
McWhirter, Reeves, McGlothlin,
Davidson & Bakas
Post Office Box 3350
Tampa, FL 33601

Ms. Suzanne Brownless
Suzanne Brownless P.A.
1311-B Paul Russell Road #202
Tallahassee, FL 32301

Mr. David M. Kleppinger
McNees, Wallace & Nurick
Post Office Box 1166
Harrisburg, PA 17108-1166

Mr. Floyd R. Self
Messer, Vickers, Caparello,
Madsen, Lewis, Goldman & Metz
Post Office Box 1876
Tallahassee, FL 32301-1876

Mr. G. Edison Holland, Jr.
Beggs & Lane
Post Office Box 12950
Pensacola, FL 32576

Mr. Barry Huddleston
Destec Energy
2500 CityWest Blvd. Suite 150
Houston, TX 77042

Mr. Eugene M. Trisko
Post Office Box 596
Berkeley Springs, WV 25411

Mr. Roger Yott
Air Products & Chemicals, Inc.
7540 Windsor Drive, Suite 301
Allentown, PA 18195

Mr. Peter J. P. Brickfield
Brickfield, Burchette & Ritts
1025 Thomas Jefferson St. N.W.
Eighth Floor, West Tower
Washington, D.C. 20007-0805

Mr. Stephen R. Yurek
Dahlen, Berg & Co.
2150 Dain Bosworth Plaza
60 South Sixth Street
Minneapolis, MN 55402

ATTORNEY

TAMPA ELECTRIC COMPANY
DOCKET NO. 960001-EI
SUBMITTED FOR FILING 5/20/96
(TRUE UP)

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.

Q. What are your current responsibilities?

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

Q. What is the purpose of your testimony?

A. My testimony presents the actual performance results from unit equivalent availability and station heat rate used to determine the Generating Performance Incentive Factor (GPIF) for the period October 1995 through March 1996. I will also compare these results to the targets established prior to the beginning of the period.

Q. Have you prepared an exhibit with the results for this six month period?

A. Yes. Under my direction and supervision an exhibit has been prepared entitled, "Tampa Electric Company, October 1995 - March 1996, Generating Performance Incentive Factor Results" consisting of 28 pages that was filed with this testimony (Have identified as Exhibit GAK-1).

Q. Have you calculated the results of Tampa Electric Company for its performance under the GPIF during this period?

A. Yes I have. This is shown on page 4 of my exhibit. Based upon -0.494 GPIF points, the result is a penalty amount of $104,014 for the period.

Q. Please proceed with your review of the actual results for the October 1995 - March 1996 period.

A. On page 3 of my exhibit, the actual average common equity for the period is shown on line 8 as $1,037,899,631. This produces the maximum penalty or reward figure of $2,105,538 as shown on line 15, page 3, and also page 2 of my exhibit.

Q. Would you please explain how you arrived at the actual equivalent availability results for the six units included within the GPIF?

A. Yes I will. Operating data on each of our operating units is filed monthly with the Florida Public Service Commission on the Actual Unit Performance data form. Additionally, outage information is reported to the Commission on a monthly basis. A summary of this data for the six months provides the basis for the GPIF.

Q. Are the equivalent availability results shown on page 6, column 2, directly applicable to the GPIF table?

A. Not exactly. Adjustments to equivalent availability may be required as noted in section 4.3.3 of the GPIF Manual. The actual equivalent availability including the required adjustment is shown on page 6 of my exhibit. The necessary adjustments as prescribed in the GPIF Manual are further defined by a letter dated October 23, 1981, from Mr. J.H. Hoffsis of the Commission's Staff. The adjustments for each unit are as follows:

Gannon Unit No. 5

On this unit, 1248 planned outage hours were originally scheduled to fall within the Winter 1995 period. The actual planned outage activities required 1362.3 hours. Consequently, the actual equivalent availability of 60.4% is adjusted to 62.6%, as shown on page 7 of my exhibit.

Gannon Unit No. 6

On this unit, 168 planned outage hours were originally scheduled to fall within the Winter 1995 period. The actual planned outage activities required 170.2 hours. Consequently, the actual equivalent availability of 84.9% is adjusted to 85.0%, as shown on page 8 of my exhibit.

Big Bend Unit No. 1

This unit was not scheduled to have a planned outage during the Winter 1995 period and did not in fact have one. Consequently, the actual equivalent availability of 87.4% requires no adjustment as shown on page 9 of my exhibit.

Big Bend Unit No. 2

On this unit 936 planned outage hours were originally scheduled to fall within the Winter 1995 period. Due to a revision of the outage schedule, planned outage activities were rescheduled such that no planned outage took place during the period. Consequently, the actual equivalent availability of 85.5% is adjusted to 67.3% as shown on page 10 of my exhibit.

Big Bend Unit No. 3

On this unit no planned outage hours were originally scheduled to fall within the Winter 1995 period. Due to a revision of the outage schedule, an outage was moved forward and associated planned outage activities required 457.1 hours. Consequently, the actual equivalent availability of 75.7 is adjusted to 84.5 as shown on page 11 of my exhibit.

Big Bend Unit No. 4

On this unit 384 planned outage hours were originally scheduled to fall within the Winter 1995 period. Actual planned outage activities required 484.6 hours. Consequently, the actual equivalent availability of 84.4% is adjusted to 86.5% as shown on page 12 of my exhibit.

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

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

Q. Would you please explain the heat rate results relative to the GPIF?

A. The actual heat rate and adjusted actual heat rate for Gannon and Big Bend Station are shown on page 6 of my exhibit. The adjustment was developed based on the guidelines of section 4.3.6 of the GPIF Manual. This procedure is further defined by a letter dated October 23,

1981, from Mr. J.H. Hoffsis of the FPSC Staff. The final adjusted actual heat rates are also shown on page 5 of my exhibit. This heat rate number is entered into the respective GPIP table for the particular unit, shown on pages 21 through 26. Page 4 of my exhibit summarizes the weighted heat rate and equivalent availability points to be awarded.

Q. Were any additional adjustments to heat rate required?

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

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

A. Yes.

Q. What is the overall GPIP for Tampa Electric Company during this six month period?

A. This is shown on page 28 of my exhibit. Essentially, the weighting factors shown on page 4, column 3, plus the equivalent availability points and the heat rate points shown on page 4, column 4, are substituted within the equation. This resultant value, -0.494, is then entered into the GPIF table on page 2. Using linear interpolation, a penalty amount of $104,014 is calculated.

Q. Does this conclude your testimony?

A. Yes, it does.

TAMPA ELECTRIC COMPANY
OCTOBER 1995 - MARCH 1996
GENERATING PERFORMANCE INCENTIVE FACTOR
RESULTS
TABLE OF CONTENTS

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
REWARD / PENALTY TABLE - ACTUAL
OCTOBER 1995 - MARCH 1996

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) ($000)	GENERATING PERFORMANCE INCENTIVE FACTOR ($000)
+10	5,848.7	2,105.5
+9	5,263.8	1,895.0
+8	4,679.0	1,684.4
+7	4,094.1	1,473.9
+6	3,509.2	1,263.3
+5	2,924.4	1,052.8
+4	2,339.5	842.2
+3	1,754.6	631.7
+2	1,169.7	421.1
+1	584.9	210.6
0	0	0.0
-1	(843.6)	(219.6)
-2	(1,687.3)	(421.1)
-3	(2,530.9)	(631.7)
-4	(3,374.6)	(842.2)
-5	(4,218.2)	(1,052.8)
-6	(5,061.8)	(1,263.3)
-7	(5,905.5)	(1,473.9)
-8	(6,749.1)	(1,684.4)
-9	(7,592.8)	(1,895.0)
-10	(8,436.4)	(2,105.5)

GPIP Points -0.494

REWARD DOLLARS ($104,014)

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS
ACTUAL
OCTOBER 1995 - MARCH 1996

Line 1	Beginning of period balance of common equity end of month common equity:			$1,039,227,974
Line 2	Month of	October	1995	$1,005,966,630
Line 3	Month of	November	1995	$1,033,300,593
Line 4	Month of	December	1995	$1,040,147,535
Line 5	Month of	January	1996	$1,017,740,140
Line 6	Month of	February	1996	$1,062,757,358
Line 7	Month of	March	1996	$1,066,157,188
Line 8	(summation of line 1 through line 7 divided by 7)			$1,037,899,631
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)			$2,113,890
Line 12	Jurisdictional Sales			7128371 MWH
Line 13	Total Sales			7156645 MWH
Line 14	Jurisdictional Seperation Factor (Line 12 divided by line 13)			99.60%
Line 15	Maximum Allowed Jurisdictional Incentive Dollars (Line 11 times line 14)			$2,105,538

TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS
OCTOBER 1995 - MARCH 1996
ACTUAL

PLANT/UNIT	6 MO ADJ ACTUAL PERFORMANCE	WEIGHTING FACTOR %	UNIT POINTS	WEIGHTED UNIT POINTS
GANNON 5	62.6% EAF	0.57%	-1.558	-0.009
GANNON 6	85.0% EAF	3.47%	10.000	0.347
BIG BEND 1	87.4% EAF	6.04%	7.000	0.423
BIG BEND 2	67.3% EAF	4.88%	-0.941	-0.046
BIG BEND 3	84.5% EAF	5.48%	-5.904	-0.324
BIG BEND 4	86.5% EAF	3.16%	10.000	0.316
GANNON 5	10124 ANOHR	7.73%	0.000	0.000
GANNON 6	10677 ANOHR	12.86%	-9.338	-1.201
BIG BEND 1	9908 ANOHR	9.82%	0.000	0.000
BIG BEND 2	9854 ANOHR	12.94%	0.000	0.000
BIG BEND 3	9632 ANOHR	19.03%	0.000	0.000
BIG BEND 4	9936 ANOHR	14.02%	0.000	0.000
				-0.494

GPIF REWARD	($104,014)

TAMPA ELECTRIC COMPANY

GPIF TARGET AND RANGE SUMMARY

OCTOBER 1995 - MARCH 1996

EQUIVALENT AVAILABILITY

PLANT/UNIT	WEIGHTING FACTOR (%)	EAF TARGET (%)	EAF RANGE MAX. (%)	EAF RANGE MIN. (%)	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	EAF ADJUSTED ACTUAL %	ACTUAL FUEL SAVINGS/ LOSS ($000)
GANNON 5	0.57%	63.6	66.5	57.4	21.5	(72.8)	62.6%	(3.4)
GANNON 6	3.47%	81.9	84.9	75.8	130.1	(240.2)	85.0%	130.1
BIG BEND 1	6.04%	85.4	88.3	79.6	226.7	(445.4)	87.4%	158.7
BIG BEND 2	4.88%	67.9	71.1	61.5	182.9	(449.8)	67.3%	(17.2)
BIG BEND 3	5.48%	87.4	89.9	82.4	205.4	(561.1)	84.5%	(331.3)
BIG BEND 4	3.16%	82.9	84.9	78.6	118.7	(413.7)	86.5%	118.7
GPIF SYSTEM	23.60%				885.3	(2,183.0)		

AVERAGE NET OPERATING HEAT RATE FOR GPIF COAL GENERATING UNITS

PLANT/UNIT	WEIGHTING FACTOR (%)	ANOHR Btu/kwh	TARGET NOF	ANOHR TARGET RANGE MIN.	ANOHR TARGET RANGE MAX.	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	ACTUAL ADJUSTED ANOHR	ACTUAL FUEL SAVINGS/ LOSS ($000)
GANNON 5	7.73%	10178	78.3	9760	10596	289.8	(289.8)	10124	0.0
GANNON 6	12.86%	10348	70.7	10001	10695	482.3	(482.3)	10677	(450.4)
BIG BEND 1	9.82%	9931	90.9	9747	10115	368.4	(368.4)	9908	0.0
BIG BEND 2	12.94%	9837	91.7	9533	10141	485.3	(485.3)	9854	0.0
BIG BEND 3	19.03%	9596	91.5	9244	9948	713.9	(713.9)	9632	0.0
BIG BEND 4	14.02%	9989	91.1	9667	10311	526.4	(526.4)	9936	0.0
GPIF SYSTEM	76.40%					2,866.1	(2,866.1)		

ORGINAL SHEET NO. 7.401.96A
PAGE 5 OF 28

TAMPA ELECTRIC COMPANY
ACTUAL UNIT PERFORMANCE DATA
OCTOBER 1995 - MARCH 1996

PLANT / UNIT	ACTUAL EAF %	ADJUSTMENTS (1) EAF %	EAF ADJUSTED ACTUAL %
GANNON 5	63.6	-1.0	62.6
GANNON 6	81.9	3.1	85.0
BIG BEND 1	85.4	2.0	87.4
BIG BEND 2	67.9	-0.6	67.3
BIG BEND 3	87.4	-2.9	84.5
BIG BEND 4	82.9	3.6	86.5

PLANT / UNIT	ACTUAL ANOHR Btu/kwh	ADJUSTMENTS (1) TO ANOHR Btu/kwh	ANOHR ADJUSTED ACTUAL Btu/kwh
GANNON 5	10047	77	10124
GANNON 6	10657	20	10677
BIG BEND 1	9940	-32	9908
BIG BEND 2	9906	-52	9854
BIG BEND 3	9763	-131	9632
BIG BEND 4	9995	-59	9936

(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
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 0.57%

	6 MO. TARGET	6 MO. ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
P.H.	4393.0	4393.0	4393.0
E.A.F.	63.6	60.4	62.6
P.O.H.	1248.0	1362.3	1248.0
F.O.H. + E.F.O.H	315.0	288.9	299.8
M.O.H. + E.M.O.H	38.0	90.3	93.7
P.O.F.	28.4	31.0	28.4
E.F.O.F.	7.2	6.6	6.8
E.M.O.F.	0.9	2.1	2.1

-1.558 E. A. POINTS

ADJUSTMENTS TO E.A.F.

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

$$\frac{4393 - 1248}{4393 - 1362} \times (171.0 + 117.9 + 75.9 + 14.4) = 393.5$$

$$\frac{1248 + 394}{4393} \times 100 = 37.4$$

100.0 - 37.4 = 62.6

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
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 3.47%

	6 MO. TARGET	6 MO. ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
P.H.	4393.0	4393.0	4393.0
E.A.F.	81.9	84.9	85.0
P.O.H.	168.0	170.2	168.0
F.O.H. + E.F.O.H	524.0	218.2	218.3
M.O.H. + E.M.O.H	106.0	273.6	273.7
P.O.F.	3.8	3.9	3.8
E.F.O.F.	11.9	5.0	5.0
E.M.O.F.	2.4	6.2	6.2

10.000 E. A. POINTS

ADJUSTMENTS TO E.A.F.

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

$$\frac{4393 - 168}{4393 - 170} \times (9.5 + 208.7 + 255.7 + 17.9) = 492.1$$

$$\frac{168 + 492}{4393} \times 100 = 15$$

100.0 - 15.0 = 85.0

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. 1
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 6.04%

	6 MO. TARGET	6 MO. ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
P.H.	4393.0	4393.0	4393.0
E.A.F.	84.5	87.4	87.4
P.O.H.	0.0	0.0	0.0
F.O.H. + E.F.O.H	470.0	396.3	396.3
M.O.H. + E.M.O.H	171.0	155.9	155.9
P.O.F.	0.0	0.0	0.0
E.F.O.F.	10.7	9.0	9.0
E.M.O.F.	3.9	3.5	3.5

7.000 E. A. POINTS

ADJUSTMENTS TO E.A.F.

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

$$\frac{4393 - 0}{4393 - 0} \times (271.9 + 124.4 + 36.3 + 119.6) = 552.2$$

$$\frac{0 + 552}{4393} \times 100 = 12.6$$

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. 2
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 4.88%

	6 MO. TARGET	6 MO. ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
P.H.	4393.0	4393.0	4393.0
E.A.F.	67.9	85.5	67.3
P.O.H.	936.0	0.0	936.0
F.O.H. + E.F.O.H	380.0	331.8	261.1
M.O.H. + E.M.O.H	93.0	304.4	239.5
P.O.F.	21.3	0.0	21.3
E.F.O.F.	8.7	7.6	5.9
E.M.O.F.	2.1	6.9	5.5

-0.941 E. A. POINTS

ADJUSTMENTS TO E.A.F.

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

$$\frac{4393 - 936}{4393 - 0} \times (123.2 + 208.6 + 230.7 + 73.7) = 500.6$$

$$\frac{936 + 501}{4393} \times 100 = 32.7$$

100.0 - 32.7 = 67.3

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
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 5.48%

	6 MO. TARGET	6 MO. ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
P.H.	4393.0	4393.0	4393.0
E.A.F.	87.4	75.7	84.5
P.O.H.	0.0	457.1	0.0
F.O.H. + E.F.O.H	387.0	483.9	540.1
M.O.H. + E.M.O.H	167.0	128.2	143.1
P.O.F.	0.0	10.4	0.0
E.F.O.F.	8.8	11.0	12.3
E.M.O.F.	3.8	2.9	3.3

-5.904 E. A. POINTS

ADJUSTMENTS TO E.A.F.

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

$$\frac{4393 - 0}{4393 - 457} \times (107.4 + 376.5 + 0.0 + 128.2) = 683.2$$

$$\frac{0 + 683}{4393} \times 100 = 15.5$$

100.0 - 15.5 = 84.5

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
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 3.16%

	6 MO. TARGET	6 MO. ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
P.H.	4393.0	4393.0	4393.0
E.A.F.	82.9	84.4	86.5
P.O.H.	384.0	484.6	384.0
F.O.H. + E.F.O.H	184.0	83.1	85.2
M.O.H. + E.M.O.H	184.0	118.4	121.4
P.O.F.	8.7	11.0	8.7
E.F.O.F.	4.2	1.9	1.9
E.M.O.F.	4.2	2.7	2.8

10.000 E. A. POINTS

ADJUSTMENTS TO E.A.F.

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

$$\frac{4393 - 384}{4393 - 485} \times (3.1 + 80.0 + 29.3 + 89.1) = 206.7$$

$$\frac{384 + 207}{4393} \times 100 = 13.5$$

100.0 - 13.5 = 86.5

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
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 7.73%

	6 MO. TARGET	6 MO ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10178	10047
STA. NET GEN. (GWH)	470.5	510.3
OPER. Btu (10^9 btu)	4788.480	5126.900
NET OUTPUT FACTOR	78.3	81.5

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION NOF(-23.5270) + 12019.7 = ANOHR

81.5 (-23.5270) + 12019.7 = 10101

10047 - 10101 = -54

10178 + -54 = 10124

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
GANNON UNIT NO. 6
HEAT RATE DATA
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 12.86%

	6 MO. TARGET	6 MO ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10348	10657
STA. NET GEN. (GWH)	930.8	1007.8
OPER. Btu (10^9 btu)	9631.980	10740.300
NET OUTPUT FACTOR	70.7	77.1

-9.338 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION NOF(-3.0507) + 10563.7 = ANOHR

77.1 (-3.0507) + 10563.7 = 10328

10657 - 10328 = 329

10348 + 329 = 10677

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
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 9.82%

	6 MO. TARGET	6 MO ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	9931	9940
STA. NET GEN. (GWH)	1550.1	1502.4
OPER. Btu (10^9 btu)	15393.900	14934.200
NET OUTPUT FACTOR	90.9	85.3

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION NOF(-5.8450) + 10462.1 = ANOHR

85.3 (-5.8450) + 10462.1 = 9963

9940 - 9963 = -23

9931 + -23 = 9908

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
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 12.94%

	6 MO. TARGET	6 MO ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	9837	9906
STA. NET GEN. (GWH)	1237.3	1509.8
OPER. Btu (10^9 btu)	12171.500	14956.900
NET OUTPUT FACTOR	91.7	86.7

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION NOF(-10.3610) + 10787.2 = ANOHR

86.7	(-10.3610) + 10787.2		=	9889
9906	-	9889	=	17
9837	+	17	=	9854

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
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 19.03%

	6 MO. TARGET	6 MO ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	9596	9763
STA. NET GEN. (GWH)	1608.2	1390.5
OPER. Btu (10^9 btu)	15431.700	13575.100
NET OUTPUT FACTOR	91.5	82.7

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION NOF(-14.9350) + 10962.1 = ANOHR

82.7 (-14.9350) + 10962.1 = 9727

9763 - 9727 = 36

9596 + 36 = 9632

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
OCTOBER 1995 - MARCH 1996

WEIGHTING FACTOR = 14.02%

	6 MO. TARGET	6 MO. TARGET	6 MO ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	9989	9989	9995
STA. NET GEN. (GWH)	1545.0	1545.0	1450.5
OPER. Btu (10^9 btu)	15431.800	15431.800	14497.100
NET OUTPUT FACTOR	91.1	91.1	83.7

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION NOF(-8.0541) + 10722.3 = ANOHR

83.7 (-8.0541) + 10722.3 = 10048

9995 - 10048 = -53

9989 + -53 = 9936

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

TAMPA ELECTRIC COMPANY

GPIF PLANNED OUTAGE SCHEDULE - ACTUAL

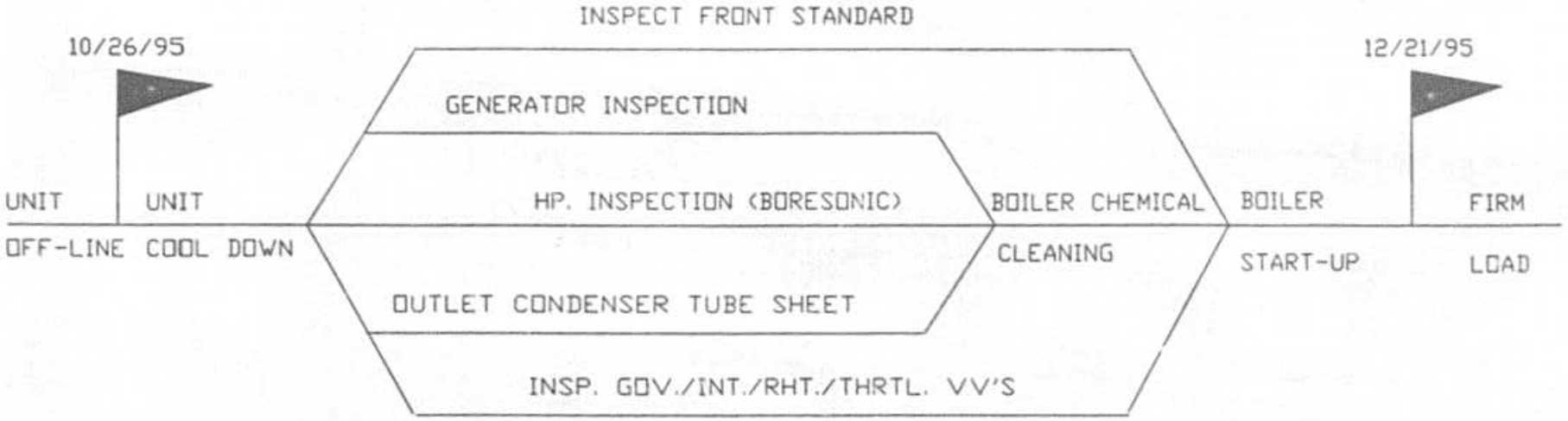
OCTOBER 1995 - MARCH 1996

STATION/UNIT	PLANNED OUTAGE DATES	OUTAGE REASON
*BIG BEND 3	MAR 14 - APR 1	ANNUAL MAINTENANCE OUTAGE
BIG BEND 4	FEB 17 - MAR 8	ANNUAL MAINTENANCE OUTAGE
GANNON 5	OCT 26 - DEC 21	HP INSPECTION (BORESONIC)* GENERATOR INSPECTION INSP. FRT. STD. INSP. GOV/INT/THRTL. VV'S OUTLET CONDENSER TUBE SHEETS BOILER CHEMECIAL CLN.
GANNON 6	OCT 19 - OCT 25	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
GANNON UNIT NO. 5
PLANNED OUTAGE 1995
ACTUAL CPM
05/14/96

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

OCTOBER 1995 - MARCH 1996

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	21.5	66.5	+10	289.8	9760
+9	19.4	66.2	+9	260.8	9794
+8	17.2	65.9	+8	231.8	9829
+7	15.1	65.6	+7	202.9	9863
+6	12.9	65.3	+6	173.9	9897
+5	10.8	65.1	+5	144.9	9932
+4	8.6	64.8	+4	115.9	9966
+3	6.5	64.5	+3	86.9	10000
+2	4.3	64.2	+2	58.0	10034
+1	2.2	63.9	+1	29.0	10069
				0.0	10103
0	0.0	63.6	0	0.0	10178
				0.0	10253
-1	(7.3)	63.0	-1	(29.0)	10287
-2	(14.6)	62.4	-2	(58.0)	10322
-3	(21.8)	61.7	-3	(86.9)	10356
-4	(29.1)	61.1	-4	(115.9)	10390
-5	(36.4)	60.5	-5	(144.9)	10425
-6	(43.7)	59.9	-6	(173.9)	10459
-7	(51.0)	59.3	-7	(202.9)	10493
-8	(58.2)	58.6	-8	(231.8)	10527
-9	(65.5)	58.0	-9	(260.8)	10562
-10	(72.8)	57.4	-10	(289.8)	10596

EAF POINTS -1.558

Adjusted EAF 62.6%

AHR POINTS 0.000

Adjusted Actual ANOHR 10124

Weighting Factor = 0.57%

Weighting Factor = 7.73%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

OCTOBER 1995 - MARCH 1996

GANNON 6

EQUIVALENT AVAILABILITY POINTS		FUEL SAVINGS / (LOSS) ($ X 1000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY
+10	EAF POINTS 10.000	130.1	Adjusted EAF 85.0%	84.9
+9		117.1		84.6
+8		104.1		84.3
+7		91.1		84.0
+6		78.1		83.7
+5		65.1		83.4
+4		52.0		83.1
+3		39.0		82.8
+2		26.0		82.5
+1		13.0		82.2
0		0.0		81.9
-1		(24.0)		81.3
-2		(48.0)		80.7
-3		(72.1)		80.1
-4		(96.1)		79.5
-5		(120.1)		78.9
-6		(144.1)		78.2
-7		(168.1)		77.6
-8		(192.2)		77.0
-9		(216.2)		76.4
-10		(240.2)		75.8
	Weighting Factor =			3.47%

AVERAGE HEAT RATE POINTS		FUEL SAVINGS / (LOSS) ($ X 1000)		ADJUSTED ACTUAL AVERAGE HEAT RATE
+10		482.3		9760
+9		434.1		9811
+8		385.8		9863
+7		337.6		9914
+6		289.4		9965
+5		241.2		10017
+4		192.9		10068
+3		144.7		10119
+2		96.5		10170
+1		48.2		10222
		0.0		10273
0		0.0		10348
		0.0		10423
-1		(48.2)		10450
-2		(96.5)		10477
-3		(144.7)		10505
-4		(192.9)		10532
-5		(241.2)		10559
-6		(289.4)		10586
-7		(337.6)		10613
-8		(385.8)		10641
-9	AHR POINTS -9.338	(434.1)	Adjusted Actual ANOHR 10677	10668
-10		(482.3)		10695
	Weighting Factor =			12.86%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

OCTOBER 1995 - MARCH 1996

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	226.7	88.3	+10	368.4	9747
+9	204.0	88.0	+9	331.6	9758
+8	181.4	87.7	+8	294.7	9769
+7 ← EAF POINTS 7.000	158.7	Adjusted EAF 87.4 → 87.4	+7	257.9	9780
+6	136.0	87.1	+6	221.0	9791
+5	113.4	86.9	+5	184.2	9802
+4	90.7	86.6	+4	147.4	9812
+3	68.0	86.3	+3	110.5	9823
+2	45.3	86.0	+2	73.7	9834
+1	22.7	85.7	+1	36.8	9845
0	0.0	85.4	0 ← AHR POINTS 0.000	0.0 0.0 0.0	9856 Adjusted Actual ANOHR 9908 → 9931 10006
-1	(44.5)	84.8	-1	(36.8)	10017
-2	(89.1)	84.2	-2	(73.7)	10028
-3	(133.6)	83.7	-3	(110.5)	10039
-4	(178.2)	83.1	-4	(147.4)	10050
-5	(222.7)	82.5	-5	(184.2)	10061
-6	(267.2)	81.9	-6	(221.0)	10071
-7	(311.8)	81.3	-7	(257.9)	10082
-8	(356.3)	80.8	-8	(294.7)	10093
-9	(400.9)	80.2	-9	(331.6)	10104
-10	(445.4)	79.6	-10	(368.4)	10115
	Weighting Factor =	6.04%		Weighting Factor =	9.82%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

OCTOBER 1995 - MARCH 1996

BIG BEND 2

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	182.9	71.1	+10	485.3	9533
+9	164.6	70.8	+9	436.8	9556
+8	146.3	70.5	+8	388.2	9579
+7	128.0	70.1	+7	339.7	9602
+6	109.7	69.8	+6	291.2	9625
+5	91.5	69.5	+5	242.7	9648
+4	73.2	69.2	+4	194.1	9670
+3	54.9	68.9	+3	145.6	9693
+2	36.6	68.5	+2	97.1	9716
+1	18.3	68.2	+1	48.5	9739
				0.0	9762
0	0.0	67.9	0	0.0	9837
				0.0	9912
-1	(45.0)	67.3%	-1	(48.5)	9935
-2	(90.0)	66.6	-2	(97.1)	9958
-3	(134.9)	66.0	-3	(145.6)	9981
-4	(179.9)	65.3	-4	(194.1)	10004
-5	(224.9)	64.7	-5	(242.7)	10027
-6	(269.9)	64.1	-6	(291.2)	10049
-7	(314.9)	63.4	-7	(339.7)	10072
-8	(359.8)	62.8	-8	(388.2)	10095
-9	(404.8)	62.1	-9	(436.8)	10118
-10	(449.8)	61.5	-10	(485.3)	10141

EAF POINTS -0.941

Adjusted EAF 67.3%

AHR POINTS 0.000

Adjusted Actual ANOHR 9854

Weighting Factor = 4.88%

Weighting Factor = 12.94%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

OCTOBER 1995 - MARCH 1996

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	205.4	89.9	+10	713.9	9244
+9	184.9	89.7	+9	642.5	9272
+8	164.3	89.4	+8	571.1	9299
+7	143.8	89.2	+7	499.7	9327
+6	123.2	88.9	+6	428.3	9355
+5	102.7	88.7	+5	357.0	9383
+4	82.2	88.4	+4	285.6	9410
+3	61.6	88.2	+3	214.2	9438
+2	41.1	87.9	+2	142.8	9466
+1	20.5	87.7	+1	71.4	9493
				0.0	9521
0	0.0	87.4	0	0.0	9596
				0.0	9671
-1	(56.1)	86.9	-1	(71.4)	9699
-2	(112.2)	86.4	-2	(142.8)	9726
-3	(168.3)	85.9	-3	(214.2)	9754
-4	(224.4)	85.4	-4	(285.6)	9782
-5	(280.6)	84.9	-5	(357.0)	9810
-6	(336.7)	84.4	-6	(428.3)	9837
-7	(392.8)	83.9	-7	(499.7)	9865
-8	(448.9)	83.4	-8	(571.1)	9893
-9	(505.0)	82.9	-9	(642.5)	9920
-10	(561.1)	82.4	-10	(713.9)	9948

EAF POINTS -5.904

Adjusted EAF 84.5%

AHR POINTS 0.000

Adjusted Actual ANOHR 9633

Weighting Factor = 5.48%

Weighting Factor = 19.03%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

OCTOBER 1995 - MARCH 1996

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	118.7	84.9	+10	526.4	9667
+9	106.8	84.7	+9	473.8	9692
+8	95.0	84.5	+8	421.1	9716
+7	83.1	84.3	+7	368.5	9741
+6	71.2	84.1	+6	315.8	9766
+5	59.4	83.9	+5	263.2	9791
+4	47.5	83.7	+4	210.6	9815
+3	35.6	83.5	+3	157.9	9840
+2	23.7	83.3	+2	105.3	9865
+1	11.9	83.1	+1	52.6	9889
				0.0	9914
0	0.0	82.9	0	0.0	9989
				0.0	10064
-1	(41.4)	82.5	-1	(52.6)	10089
-2	(82.7)	82.0	-2	(105.3)	10113
-3	(124.1)	81.6	-3	(157.9)	10138
-4	(165.5)	81.2	-4	(210.6)	10163
-5	(206.9)	80.8	-5	(263.2)	10188
-6	(248.2)	80.3	-6	(315.8)	10212
-7	(289.6)	79.9	-7	(368.5)	10237
-8	(331.0)	79.5	-8	(421.1)	10262
-9	(372.3)	79.0	-9	(473.8)	10286
-10	(413.7)	78.6	-10	(526.4)	10311
	Weighting Factor =	3.16%		Weighting Factor =	14.02%

EAF POINTS 10.000

Adjusted EAF 84.5%

AHR POINTS 0.000

Adjusted Actual ANOHR 9936

TAMPA ELECTRIC COMPANY

COMPARISON OF GPIF TARGETS VS. PRIOR PERIOD ACTUAL PERFORMANCE

OCTOBER 1995 - MARCH 1996

AVAILABILITY

PLANT/UNIT	TARGET WEIGHTING FACTOR	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD OCT 95 - MAR 96 POF	EUOF	EUOR	ACTUAL PERFORMANCE OCT 95 - MAR 96 POF	EUOF	EUOR
BIG BEND 1	6.04%	25.6	0.0	14.6	14.6	0.0	12.6	12.6
BIG BEND 2	4.88%	20.7	21.3	10.8	13.7	0.0	14.5	14.5
BIG BEND 3	5.48%	23.2	0.0	12.6	12.6	10.4	13.9	15.6
BIG BEND 4	3.16%	13.4	8.7	8.4	9.2	11.0	4.6	5.2
GANNON 5	0.57%	2.4	20.4	8.0	11.2	31.0	8.6	12.5
GANNON 6	3.47%	14.7	3.8	14.3	14.9	3.9	11.2	11.6
	23.60%	100.0						
GPIF SYSTEM WEIGHTED AVERAGE			6.8	12.3	13.2	5.2	11.9	12.5
GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY				80.9			82.9	

5 PERIOD AVERAGE POF	EUOF	EUOR	5 PERIOD AVERAGE EAF
8.8	11.4	12.9	79.8

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT/UNIT	TARGET WEIGHTING FACTOR	NORMALIZED WEIGHTING FACTOR	HEAT RATE TARGET	ADJUSTED ACTUAL HEAT RATE APR 95 - SEP 95
GANNON 5	7.73%	10.1	10178	10124
GANNON 6	12.86%	16.8	10348	10677
BIG BEND 1	9.82%	12.9	9931	9908
BIG BEND 2	12.94%	16.9	9837	9854
BIG BEND 3	19.03%	24.9	9596	9632
BIG BEND 4	14.02%	18.4	9989	9936
	76.40%	100.0		
GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh)			9937	9987

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
OCTOBER 1995 - MARCH 1996

Points are calculated according to the formula:

$$GPIP = \sum_{1}^{n} [(a_i)(EAP_i) + (e_i)(AHRP_i)]$$

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 =	0.57%	*	(GN 5 EAP)	+	3.47%	*	(GN 6 EAP)	+	6.04%	*	(BB 1 EAP)
+	4.88%	*	(BB 2 EAP)	+	5.48%	*	(BB 3 EAP)	+	3.16%	*	(BB 4 EAP)
+	7.73%	*	(GN 5 AHRP)	+	12.86%	*	(GN 6 AHRP)	+	9.82%	*	(BB 1 AHRP)
+	12.94%	*	(BB 2 AHRP)	+	19.03%	*	(BB 3 AHRP)	+	14.02%	*	(BB 4 AHRP)

GPIP =	0.57%	*	-1.558	+	3.47%	*	10.000	+	6.04%	*	7.000
+	4.88%	*	-0.941	+	5.48%	*	-5.904	+	3.16%	*	10.000
+	7.73%	*	0.000	+	12.86%	*	-9.338	+	9.82%	*	0.000
+	12.94%	*	0.000	+	19.03%	*	0.000	+	14.02%	*	0.000

GPIP =	-0.009	+	0.347	+	0.423	+	-0.046
+	-0.324	+	0.316	+	0.000	+	-1.201
+	0.000	+	0.000	+	0.000	+	0.000

GPIP = -0.494 POINTS

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

GPIP = ($104,014)