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April 1, 2004

HAND DELIVERED

Ms. Blanca S. Bayo, Director
Division of Commission Clerk
and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor; FPSC Docket No. 040001-EI

Dear Ms. Bayo:

Enclosed for filing in the above docket on behalf of Tampa Electric Company are the original and ten (10) copies of each of the following:

1. Prepared Direct Testimony and Exhibit (WAS-1) of William A. Smotherman regarding Generating Performance Incentive Factor True-Up for the period January 2003 through December 2003.

2. Prepared Direct Testimony and Exhibit (JTW-1) of Joann T. Wehle regarding Tampa Electric Company's risk management and hedging activities for the period January 2003 through December 2003.

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

AUS 1
CAF
CMP
COM 5 rcvd
CTR
ECR
GCL 1
OPC
MMS
SEC 1
OTH

JDB/pp
Enclosures

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

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct 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 15th day of April 2004 to the following:

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ATTORNEY

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 040001-EI
IN RE: FUEL & PURCHASED POWER COST RECOVERY
AND
CAPACITY COST RECOVERY

GENERATING PERFORMANCE INCENTIVE FACTOR
TRUE-UP

JANUARY 2003 THROUGH DECEMBER 2003

TESTIMONY AND EXHIBITS

OF

WILLIAM A. SMOTHERMAN

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

WILLIAM A. SMOTHERMAN

Q. Please state your name, business address, occupation and employer.

A. My name is William A. Smotherman. My mailing and business address is Post Office Box 111, Tampa, Florida 33601. I am employed by Tampa Electric Company ("Tampa Electric" or "company") in the position of Director, Resource Planning in the Resource Planning Department.

Q. Please provide a brief outline of your educational background and business experience.

A. I received a Bachelor of Electrical Engineering degree in 1986 from University of South Florida in Tampa, Florida. In May 1986, I joined Tampa Electric as an associate engineer. I have been employed by Tampa Electric for 15 years working in the areas of system planning, commercial/ industrial account management and wholesale power marketing. In February 2001, I was promoted to Director, Resource Planning. My present responsibilities include the areas of system reliability,

generation expansion and system fuel and purchased power forecasting and related economic analyses.

Q. What is the purpose of your testimony?

A. My testimony presents Tampa Electric's actual performance results from unit equivalent availability and station heat rate used to determine the Generating Performance Incentive Factor (GPIF) for the period January 2003 through December 2003. I will also compare these results to the targets established prior to the beginning of the period.

Q. Have you prepared any exhibits to support your testimony?

A. Yes, Exhibit No. _____ (WAS-1), consisting of two documents, was prepared under my direction and supervision. Document No. 1, entitled "Tampa Electric Company, Generating Performance Incentive Factor, January 2003 - December 2003, True-up" is consistent with the GPIF Implementation Manual previously approved by the Commission. In addition, Document No. 2, provides the company's Actual Unit Performance Data for the 2003 period.

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

A. Seven of the company's units are included. These are Big Bend Station Units 1, 2, 3, and 4, Gannon Station Units 5 and 6, and Polk Station Unit 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 Document No. 1, page 4 of 32. Based upon -6.397 GPIF points, the result is a penalty amount of $3,678,414 for the period.

Q. Please proceed with your review of the actual results for the January 2003 - December 2003 period.

A. On Document No. 1, page 3 of 32, the actual average common equity for the period is shown on line 14 as $1,448,420,030. This produces the maximum penalty or reward figure of $5,750,070 as shown on line 21.

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

A. Yes, I will. Operating data on each of our 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 twelve months provides the basis for the GPIF.

Q. Are the equivalent availability results shown on Document No. 1, page 6 of 32, 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 Document No. 1, page 6 of 32. 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:

Big Bend Unit No. 1

On this unit, 504 planned outage hours were originally scheduled for 2003. Actual outage activities required no planned outage hours. Consequently, the actual equivalent availability of 64.7% is adjusted to 61.2% as shown on Document No. 1, page 7 of 32.

Big Bend Unit No. 2

On this unit, 336 planned outage hours were originally scheduled for 2003. Actual outage activities required no planned outage hours. Consequently, the actual equivalent availability of 60.2% is adjusted to 58.1% as shown on Document No. 1, page 8 of 32.

Big Bend Unit No. 3

On this unit, 336 planned outage hours were originally scheduled for 2003. Actual outage activities required no planned outage hours. Consequently, the actual equivalent availability of 62.4% is adjusted to 60.1% as shown on Document No. 1, page 9 of 32.

Big Bend Unit No. 4

On this unit, 840 planned outage hours were originally scheduled for 2003. Actual outage activities required 921.4 planned outage hours. Consequently, the actual equivalent availability of 71.3% is adjusted to 72.0% as shown on Document No. 1, page 10 of 32.

Gannon Unit No. 5

On this unit, no planned outage hours were originally scheduled for 2003. Actual outage activities required no planned outage hours but the planned period hours were 912 while the actual

period hours were 744. Consequently, the actual equivalent availability of 78.4% is adjusted to 78.3% as shown on Document No. 1, page 11 of 32.

Gannon Unit No. 6

On this unit, no planned outage hours were originally scheduled for 2003. Actual outage activities required no planned outage hours. Consequently, the actual equivalent availability of 63.2% is adjusted to 63.2%, as shown on Document No. 1, page 12 of 32.

Polk Unit No. 1

On this unit, 1,056 planned outage hours were originally scheduled for 2003. Actual outage activities required 968.3 planned outage hours. Consequently, the actual equivalent availability of 68.4% is adjusted to 67.5%, as shown on Document No. 1, page 13 of 32.

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 Document No. 1, page 6 of 32, column 4. This number is entered into the respective Generating Performance Incentive Point (GPIP) Table for each particular unit on pages 24 of 32

through 30 of 32. Page 4 of 32 summarizes the equivalent availability points to be awarded or penalized.

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

A. The actual heat rate and adjusted actual heat rate for Big Bend Units 1, 2, 3, and 4, Gannon Units 5 and 6 and Polk Unit 1 are shown on page Document No. 1, page 6 of 32. The adjustment was developed based on the guidelines of section 4.3.16 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 32. This heat rate number is entered into the respective GPIP table for the particular unit, shown on pages 24 of 32 through 30 of 32. Page 4 of 32 summarizes the weighted heat rate and equivalent availability points to be awarded.

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

A. This is shown on Document No. 1, page 32 of 32. Essentially, the weighting factors shown on page 4 of 32, column 3, plus the equivalent availability points and the heat rate points shown on page 4 of 32, column 4, are substituted within the equation.

This resultant value, -6.397, is then entered into the GPIF table on page 2 of 32. Using linear interpolation, a penalty amount of $3,678,414 is calculated.

Q. Does this conclude your testimony?

A. Yes, it does.

EXHIBIT NO. _____
DOCKET NO. 040001-EI
TAMPA ELECTRIC COMPANY
(WAS-1)

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2003 - DECEMBER 2003

EXHIBIT NO. _____
DOCKET NO. 040001-EI
TAMPA ELECTRIC COMPANY
(WAS-1)

GENERATING PERFORMANCE INCENTIVE FACTOR

INDEX

EXHIBIT NO. _____
DOCKET NO. 040001-EI
TAMPA ELECTRIC COMPANY
(WAS-1)
DOCUMENT NO. 1

EXHIBITS TO THE TESTIMONY OF

WILLIAM A. SMOTHERMAN

DOCKET NO. 040001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2003 - DECEMBER 2003

TRUE-UP

DOCUMENT NO. 1

GPIF SCHEDULES

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2003 - DECEMBER 2003
TRUE-UP
TABLE OF CONTENTS

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE - ACTUAL
JANUARY 2003 - DECEMBER 2003

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) ($000)	GENERATING PERFORMANCE INCENTIVE FACTOR ($000)
+10	29,158.5	5,750.1
+9	26,242.6	5,175.1
+8	23,326.8	4,600.1
+7	20,410.9	4,025.0
+6	17,495.1	3,450.0
+5	14,579.2	2,875.0
+4	11,663.4	2,300.0
+3	8,747.5	1,725.0
+2	5,831.7	1,150.0
+1	2,915.8	575.0
0	0.0	0.0
-1	(3,520.2)	(575.0)
-2	(7,040.4)	(1,150.0)
-3	(10,560.7)	(1,725.0)
-4	(14,080.9)	(2,300.0)
-5	(17,601.1)	(2,875.0)
-6	(21,121.3)	(3,450.0)
-7	(24,641.5)	(4,025.0)
-8	(28,161.8)	(4,600.1)
-9	(31,682.0)	(5,175.1)
-10	(35,202.2)	(5,750.1)

GPI POINTS -6.397

REWARD DOLLARS ($3,678,414)

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
JANUARY 2003 - DECEMBER 2003

Line 1	Beginning of period balance of common equity: End of month common equity:		$ 1,569,600,653
Line 2	Month of January	2003	$ 1,549,122,043
Line 3	Month of February	2003	$ 1,558,730,692
Line 4	Month of March	2003	$ 1,521,720,989
Line 5	Month of April	2003	$ 1,398,795,832
Line 6	Month of May	2003	$ 1,398,542,946
Line 7	Month of June	2003	$ 1,409,641,764
Line 8	Month of July	2003	$ 1,434,014,236
Line 9	Month of August	2003	$ 1,409,541,142
Line 10	Month of September	2003	$ 1,422,638,318
Line 11	Month of October	2003	$ 1,381,593,158
Line 12	Month of November	2003	$ 1,389,179,250
Line 13	Month of December	2003	$ 1,386,339,366
Line 14	(Summation of line 1 through line 13 divided by 13)		$ 1,448,420,030
Line 15	25 Basis points		0.0025
Line 16	Revenue Expansion Factor		61.38%
Line 17	Maximum Allowed Incentive Dollars (line 14 times line 15 divided by line 16)		$ 5,899,320
Line 18	Jurisdictional Sales		18,060,815 MWH
Line 19	Total Sales		18,529,606 MWH
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)		97.47%
Line 21	**Maximum Allowed Jurisdictional Incentive Dollars (line 17 times line 20)**		**$ 5,750,070**

TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
JANUARY 2003 - DECEMBER 2003

PLANT / UNIT	12 MONTH ADJ. ACTUAL PERFORMANCE		WEIGHTING FACTOR %	UNIT POINTS	WEIGHTED UNIT POINTS
BIG BEND 1	61.2%	EAF	10.36%	-8.421	-0.873
BIG BEND 2	58.1%	EAF	14.61%	-3.607	-0.527
BIG BEND 3	60.1%	EAF	10.41%	-5.998	-0.624
BIG BEND 4	72.0%	EAF	6.96%	-9.503	-0.662
GANNON 5	78.3%	EAF	0.34%	10.000	0.034
GANNON 6	63.2%	EAF	4.41%	-10.000	-0.441
POLK 1	67.5%	EAF	3.06%	-10.000	-0.306
BIG BEND 1	10,884	ANOHR	8.95%	-5.041	-0.451
BIG BEND 2	10,522	ANOHR	7.40%	-7.258	-0.537
BIG BEND 3	10,678	ANOHR	10.01%	-7.816	-0.782
BIG BEND 4	10,297	ANOHR	8.50%	-4.991	-0.424
GANNON 5	11,400	ANOHR	0.50%	-7.097	-0.035
GANNON 6	11,600	ANOHR	6.66%	-10.000	-0.666
POLK 1	10,547	ANOHR	7.81%	-1.308	-0.102
			100.00%		-6.397

GPIF REWARD	**$ (3,678,414)**

TAMPA ELECTRIC COMPANY
GPIF TARGET AND RANGE SUMMARY

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	WEIGHTING FACTOR (%)	EAF TARGET (%)	EAF MAX. (%)	RANGE MIN. (%)	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	EAF ADJUSTED ACTUAL (%)	ACTUAL FUEL SAVINGS/ LOSS ($000)
BIG BEND 1	10 35%	69 89203679	75 1	59 6	3,021 7	(1,669 5)	61 2%	(1,405 9)
BIG BEND 2	14 61%	63 0079089	69 9	49 4	4,261.3	(5,768 6)	58 1%	(2,080 5)
BIG BEND 3	10 41%	67 26418235	73 2	55 3	3,034 2	(4,512 7)	60 1%	(2,706 7)
BIG BEND 4	6 96%	77 73252489	80 7	71 7	2,030 2	(3,893 4)	72 0%	(3,699 8)
GANNON 5	0 34%	71 93220921	77 5	60 7	100 5	(274 6)	78 3%	274 6
GANNON 6	4 41%	75 94878654	80 8	66 3	1,287 1	(2,883 1)	63 2%	(2,883 1)
POLK 1	3 06%	74 55554092	77 8	68 0	892 7	(1,669 5)	67 5%	(1,669 5)
GPIF SYSTEM	**50.17%**				**14,627.7**	**(20,671.4)**		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

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)
BIG BEND 1	8 95%	10,533	70 7	9,912	11,155	2,610.9	(2,610 9)	10,884	(1,316 3)
BIG BEND 2	7 40%	10,111	79.7	9,574	10,649	2,158 4	(2,158 4)	10,522	(1,566.5)
BIG BEND 3	10 01%	10,132	75 5	9,455	10,810	2,917 7	(2,917 7)	10,678	(2,280 5)
BIG BEND 4	8.50%	10,028	88.2	9,565	10,491	2,477.8	(2,477.8)	10,297	(1,236 6)
GANNON 5	0 50%	10,862	64.9	10,134	11,589	145.8	(145 8)	11,400	(103 5)
GANNON 6	6.66%	10,775	69.5	10,007	11,542	1,942.0	(1,942 0)	11,600	(1,942 0)
POLK 1	7.81%	10,382	96 0	9,615	11,148	2,278 3	(2,278 3)	10,547	(298 0)
GPIF SYSTEM	**49.83%**					**14,530.8**	**(14,530.8)**		

TAMPA ELECTRIC COMPANY
UNIT PERFORMANCE DATA - ACTUAL
JANUARY 2003 - DECEMBER 2003

PLANT / UNIT	ACTUAL EAF (%)	ADJUSTMENTS (1) TO EAF (%)	EAF JAN 03 - DEC 03 ACTUAL (%)
BIG BEND 1	64.7	-3.5	61.2
BIG BEND 2	60.2	-2.1	58.1
BIG BEND 3	62.4	-2.3	60.1
BIG BEND 4	71.3	0.7	72.0
GANNON 5	78.4	-0.1	78.3
GANNON 6	63.2	0.0	63.2
POLK 1	68.4	-0.9	67.5

PLANT / UNIT	ACTUAL ANOHR (Btu/kwh)	ADJUSTMENTS (2) TO ANOHR (Btu/kwh)	ANOHR ADJUSTED ACTUAL (Btu/kwh)
BIG BEND 1	10,968	-84	10,884
BIG BEND 2	10,623	-101	10,522
BIG BEND 3	11,030	-352	10,678
BIG BEND 4	10,662	-365	10,297
GANNON 5	11,425	-25	11,400
GANNON 6	11,629	-29	11,600
POLK 1	10,665	-118	10,547

(1) Documentation of adjustments to Actual EAF on pages 7 - 13

(2) Documentation of adjustments to Actual ANOHR on pages 14 - 20

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 1
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 10.36%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760	8,760	8,760
EAF	69.9	64.7	61.2
POH	504.0	0.0	504.0
FOH + EFOH	1,416.3	2,580.1	2,431.7
MOH + EMOH	717.1	491.2	462.9
POF	5.8	0.0	5.8
EFOF	16.2	29.5	27.8
EMOF	8.2	5.6	5.3
	-8.421	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8,760 - 504}{8,760 - 0} \times (2,580.1 + 491.2) = 2,894.6$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 5.8 - \frac{2,894.6}{8,760} \times 100 = 61.2$$

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 2
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 14.61%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760	8,760	8,760
EAF	63.0	60.2	58.1
POH	336.0	0.0	336.0
FOH + EFOH	1,932.3	2,896.3	2,785.2
MOH + EMOH	972.2	570.5	548.6
POF	3.8	0.0	3.8
EFOF	22.1	33.1	31.8
EMOF	11.1	6.5	6.3
	-3.607	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8{,}760 - 336}{8{,}760 - 0} \times (2{,}896.3 + 570.5) = 3{,}333.8$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 3.8 - \frac{3{,}333.8}{8{,}760} \times 100 = 58.1$$

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 3
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 10.41%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760	8,760	8,760
EAF	67.3	62.4	60.1
POH	336.0	0.0	336.0
FOH + EFOH	1,535.9	2,685.9	2,582.9
MOH + EMOH	995.8	604.3	581.1
POF	3.8	0.0	3.8
EFOF	17.5	30.7	29.5
EMOF	11.4	6.9	6.6
	-5.998	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8{,}760 - 336}{8{,}760 - 0} \times (2{,}685.9 + 604.3) = 3{,}164.0$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 3.8 - \frac{3{,}164.0}{8{,}760} \times 100 = 60.1$$

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 4
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 6.96%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760	8,760	8,760
EAF	77.7	71.3	72.0
POH	840.0	921.4	840.0
FOH + EFOH	765.9	1,290.2	1,303.6
MOH + EMOH	344.8	304.6	307.8
POF	9.6	10.5	9.6
EFOF	8.7	14.7	14.9
EMOF	3.9	3.5	3.5
	-9.503	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8,760 - 840}{8,760 - 921.4} \times (1,290.2 + 304.6) = 1611.4$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 9.6 - \frac{1,611.4}{8,760} \times 100 = 72.0$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT 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. 5
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 0.34%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	912	744	912
EAF	71.9	78.4	78.3
POH	0.0	0.0	0.0
FOH + EFOH	175.7	158.9	158.9
MOH + EMOH	80.2	2.2	2.2
POF	0.0	0.0	0.0
EFOF	19.3	21.4	17.4
EMOF	8.8	0.3	0.2
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{912 - 0}{744 - 0} \times (158.9 + 2.2) = 197.5$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 0 - \frac{197.5}{912} \times 100 = 78.3$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT 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
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 4.41%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	6,551	6,551	6,551
EAF	75.9	63.2	63.2
POH	0.0	0.0	0.0
FOH + EFOH	806.4	2,106.1	2,106.1
MOH + EMOH	596.2	302.6	302.6
POF	0.0	0.0	0.0
EFOF	12.3	32.1	32.1
EMOF	9.1	4.6	4.6
	-10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{6,551 - 0}{6,551 - 0} \times (2,106.1 + 302.6) = 2,408.7$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 0 - \frac{2,408.7}{6,551} \times 100 = 63.2$$

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
POLK UNIT NO. 1
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 3.06%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760	8,760	8,760
EAF	74.6	68.4	67.5
POH	1,056.0	968.3	1,056.0
FOH + EFOH	740.8	423.7	418.9
MOH + EMOH	432.1	1,379.4	1,363.9
POF	12.1	11.1	12.1
EFOF	8.5	4.8	4.8
EMOF	4.9	15.7	15.6
	-10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8,760 - 1,056}{8,760 - 968.3} \times (423.7 + 1,379.4) = 1,782.8$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 12.1 - \frac{1,782.8}{8,760} \times 100 = 67.5$$

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 1
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 8.95%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,533	10,968
NET GENERATION (GWH)	2,122.2	2,156.0
OPERATING BTU (10^9)	22,922.8	23,646.268
NET OUTPUT FACTOR	70.7	66.8

-5.041 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-21.58) + 12,058.44 = ANOHR

66.8 * (-21.58) + 12,058.44 = 10,617

10,968 - 10,617 = 351

10,533 + 351 = 10,884 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 2
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 7.40%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,111	10,623
NET GENERATION (GWH)	2,381.8	2,052.8
OPERATING BTU (10^9)	25,398.6	21,806,107
NET OUTPUT FACTOR	79.7	71.8

-7.258 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-12.78) + 11,130.21 = ANOHR

71.8 * (-12.78) + 11,130.21 = 10,212

10,623 - 10,212 = 410

10,111 + 410 = 10,522 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 3
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 10.01%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,132	11,030
NET GENERATION (GWH)	2,210.8	1,986.7
OPERATING BTU (10^9)	23,654.2	21,913.260
NET OUTPUT FACTOR	75.5	67.2

-7.816 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-42.21) + 13,320.32 = ANOHR

67.2 * (-42.21) + 13,320.32 = 10,484

11,030 - 10,484 = 546

10,132 + 546 = 10,678 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 4
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 8.50%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,028	10,662
NET GENERATION (GWH)	2,741.5	2,482.7
OPERATING BTU (10^9)	28,736.8	26,471,417
NET OUTPUT FACTOR	88.2	77.0

-4.991 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-32.63) + 12,906.03 = ANOHR

77 * (-32.63) + 12,906.03 = 10,394

10,662 - 10,394 = 268

10,028 + 268 = 10,297 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
GANNON UNIT NO. 5
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 0.50%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,862	11,425
NET GENERATION (GWH)	96.8	73.7
OPERATING BTU (10^9)	1,063.9	842.454
NET OUTPUT FACTOR	64.9	51.6

-7.097 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-1.9) + 10,985.08 = ANOHR

51.6 * (-1.9) + 10,985.08 = 10,887

11,425 - 10,887 = 538

10,862 + 538 = 11,400 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
GANNON UNIT NO. 6
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 6.66%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,775	11,629
NET GENERATION (GWH)	1,274.9	1,165.8
OPERATING BTU (10^9)	14,060.2	13,558.177
NET OUTPUT FACTOR	69.5	65.4

-10.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-7.12) + 11,269.02 = ANOHR

65.4 * (-7.12) + 11,269.02 = 10,803

11,629 - 10,803 = 826

10,775 + 826 = 11,600 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
POLK UNIT NO. 1
JANUARY 2003 - DECEMBER 2003

WEIGHTING FACTOR = 7.81%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,382	10,665
NET GENERATION (GWH)	1,459.7	1,306.9
OPERATING BTU (10^9)	16,283.9	13,938.251
NET OUTPUT FACTOR	96.0	82.5

-1.308 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-8.77) + 11,222.67 = ANOHR

82.5 * (-8.77) + 11,222.67 = 10,500

10,665 - 10,500 = 165

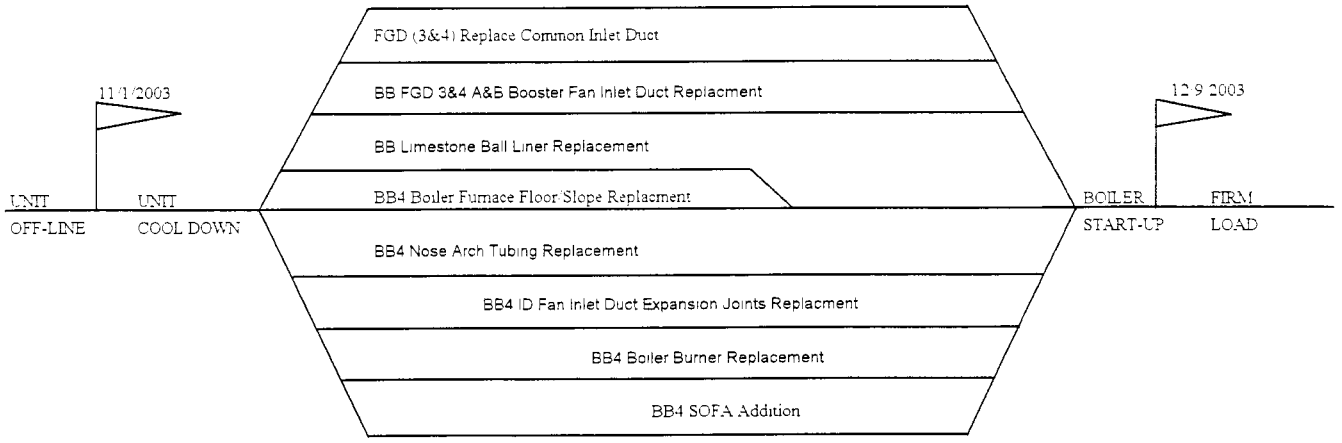
10,382 + 165 = 10,547 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ACTUAL)
GPIF UNITS
JANUARY 2003 - DECEMBER 2003

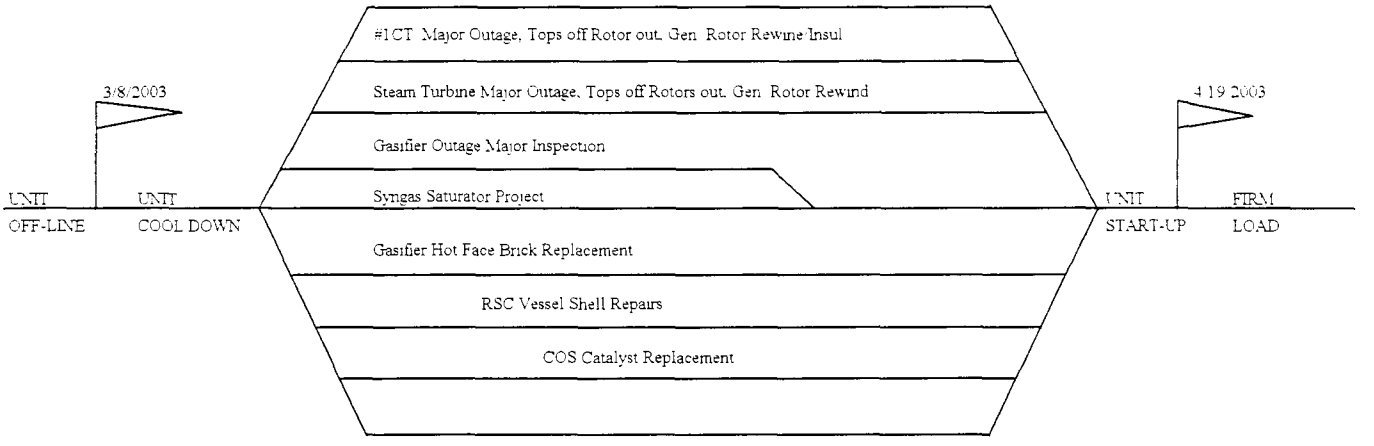
PLANT / UNIT	PLANNED OUTAGE DATES	OUTAGE DESCRIPTION
BIG BEND 4	Nov 01 - Dec 09	FGD (3&4) Replace Common Inlet Duct, BB Limestone Ball Liner Replacement, BB FGD 3&4 A&B Booster Fan Inlet Duct Replacment, BB4 Boiler Burner Replacement, BB4 ID Fan Inlet Duct Expansion Joints Replacment, BB4 Nose Arch Tubing Replacement, BB4 Burner Replacement, BB4 SOFA Addition
POLK 1	Mar 08 - Apr 19	#1CT Major Outage: Tops off Rotor out, Gen. Rotor Rewind/Insul., Steam Turbine Major Outage: Tops off Rotors out, Gen. Rotor Rewind, Gasifier Outage Major Inspection, Syngas Saturator Project, Gasifier Hot Face Brick Replacement, RSC Vessel Shell Repairs

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2003 - DECEMBER 2003



TAMPA ELECTRIC COMPANY
BIG BEND UNT #4
Planned Outage 2003
PROJECTED CPM
04/01/04

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2003 - DECEMBER 2003



TAMPA ELECTRIC COMPANY
POLK #1
PLANNED OUTAGE 2003
PROJECTED CPM
04/01/04

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2003 - DECEMBER 2003

BIG BEND 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	3,021.7	75.1	+10	2,610.9	9,912
+9	2,719.5	74.6	+9	2,349.9	9,966
+8	2,417.4	74.1	+8	2,088.8	10,021
+7	2,115.2	73.5	+7	1,827.7	10,076
+6	1,813.0	73.0	+6	1,566.6	10,130
+5	1,510.9	72.5	+5	1,305.5	10,185
+4	1,208.7	72.0	+4	1,044.4	10,240
+3	906.5	71.5	+3	783.3	10,294
+2	604.3	70.9	+2	522.2	10,349
+1	302.2	70.4	+1	261.1	10,404
					10,458
0	0.0	69.9	0	0.0	10,533
					10,608
-1	(167.0)	68.9	-1	(261.1)	10,663
-2	(333.9)	67.8	-2	(522.2)	10,718
-3	(500.9)	66.8	-3	(783.3)	10,772
-4	(667.8)	65.8	-4	(1,044.4)	10,827
-5	(834.8)	64.7	-5	(1,305.5)	10,882
-6	(1,001.7)	63.7	-6	(1,566.6)	10,936
-7	(1,168.7)	62.7	-7	(1,827.7)	10,991
-8	(1,335.6)	61.6	-8	(2,088.8)	11,046
-9	(1,502.6)	60.6	-9	(2,349.9)	11,100
-10	(1,669.5)	59.6	-10	(2,610.9)	11,155

EAF POINTS -8.421

Adjusted EAF 61.2

AHR POINTS -5.041

Adjusted ANOHR 10,884

Weighting Factor = 10.36%

Weighting Factor = 8.95%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2003 - DECEMBER 2003

BIG BEND 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	4,261.3	69.9	+10	2,158.4	9,574
+9	3,835.2	69.2	+9	1,942.5	9,620
+8	3,409.0	68.5	+8	1,726.7	9,666
+7	2,982.9	67.8	+7	1,510.9	9,713
+6	2,556.8	67.1	+6	1,295.0	9,759
+5	2,130.7	66.5	+5	1,079.2	9,805
+4	1,704.5	65.8	+4	863.4	9,851
+3	1,278.4	65.1	+3	647.5	9,898
+2	852.3	64.4	+2	431.7	9,944
+1	426.1	63.7	+1	215.8	9,990
					10,036
0	0.0	63.0	0	0.0	10,111
					10,186
-1	(576.9)	61.6	-1	(215.8)	10,233
-2	(1,153.7)	60.3	-2	(431.7)	10,279
-3	(1,730.6)	58.9	-3	(647.5)	10,325
-4	(2,307.4)	57.6	-4	(863.4)	10,371
-5	(2,884.3)	56.2	-5	(1,079.2)	10,418
-6	(3,461.2)	54.8	-6	(1,295.0)	10,464
-7	(4,038.0)	53.5	-7	(1,510.9)	10,510
-8	(4,614.9)	52.1	-8	(1,726.7)	10,556
-9	(5,191.7)	50.8	-9	(1,942.5)	10,603
-10	(5,768.6)	49.4	-10	(2,158.4)	10,649

EAF POINTS -3.607

Adjusted EAF 58.1

AHR POINTS -7.258

Adjusted ANOHR 10,522

Weighting Factor = 14.61%

Weighting Factor = 7.40%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2003 - DECEMBER 2003

BIG BEND 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	3,034.2	73.2	+10	2,917.7	9,455
+9	2,730.8	72.6	+9	2,625.9	9,515
+8	2,427.4	72.0	+8	2,334.1	9,575
+7	2,123.9	71.4	+7	2,042.4	9,635
+6	1,820.5	70.8	+6	1,750.6	9,696
+5	1,517.1	70.2	+5	1,458.8	9,756
+4	1,213.7	69.6	+4	1,167.1	9,816
+3	910.3	69.0	+3	875.3	9,876
+2	606.8	68.5	+2	583.5	9,937
+1	303.4	67.9	+1	291.8	9,997
					10,057
0	0.0	67.3	0	0.0	10,132
					10,207
-1	(451.3)	66.1	-1	(291.8)	10,267
-2	(902.5)	64.9	-2	(583.5)	10,328
-3	(1,353.8)	63.7	-3	(875.3)	10,388
-4	(1,805.1)	62.5	-4	(1,167.1)	10,448
-5	(2,256.3)	61.3	-5	(1,458.8)	10,508
-6	(2,707.6)	60.1	-6	(1,750.6)	10,569
-7	(3,158.9)	58.9	-7	(2,042.4)	10,629
-8	(3,610.2)	57.7	-8	(2,334.1)	10,689
-9	(4,061.4)	56.5	-9	(2,625.9)	10,749
-10	(4,512.7)	55.3	-10	(2,917.7)	10,810

EAF POINTS -5.998

Adjusted EAF 60.1

AHR POINTS -7.816

Adjusted ANOHR 10,678

Weighting Factor = 10.41%

Weighting Factor = 10.01%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2003 - DECEMBER 2003

BIG BEND 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	2,030.2	80.7	+10	2,477.8	9,565
+9	1,827.2	80.4	+9	2,230.0	9,604
+8	1,624.2	80.1	+8	1,982.2	9,643
+7	1,421.1	79.8	+7	1,734.4	9,682
+6	1,218.1	79.5	+6	1,486.7	9,721
+5	1,015.1	79.2	+5	1,238.9	9,759
+4	812.1	78.9	+4	991.1	9,798
+3	609.1	78.6	+3	743.3	9,837
+2	406.0	78.3	+2	495.6	9,876
+1	203.0	78.0	+1	247.8	9,915
					9,953
0	0.0	77.7	0	0.0	10,028
					10,103
-1	(389.3)	77.1	-1	(247.8)	10,142
-2	(778.7)	76.5	-2	(495.6)	10,181
-3	(1,168.0)	75.9	-3	(743.3)	10,220
-4	(1,557.4)	75.3	-4	(991.1)	10,259
-5	(1,946.7)	74.7	-5	(1,238.9)	10,297
-6	(2,336.0)	74.1	-6	(1,486.7)	10,336
-7	(2,725.4)	73.5	-7	(1,734.4)	10,375
-8	(3,114.7)	72.9	-8	(1,982.2)	10,414
-9	(3,504.1)	72.3	-9	(2,230.0)	10,453
-10	(3,893.4)	71.7	-10	(2,477.8)	10,491

EAF POINTS -9.503

Adjusted EAF 72.0

AHR POINTS -4.991

Adjusted ANOHR 10.297

Weighting Factor = 6.96%

Weighting Factor = 8.50%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2003 - DECEMBER 2003

GANNON 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10 ← EAF POINTS 10.000	100.5	77.5	+10	145.8	10.134
+9	90.5	76.9	+9	131.2	10.199
+8	80.4	76.4	+8	116.6	10.265
+7	70.4	75.8	+7	102.1	10.330
+6	60.3	75.3	+6	87.5	10.395
+5	50.3	74.7	+5	72.9	10.460
+4	40.2	74.2	+4	58.3	10.526
+3	30.2	73.6	+3	43.7	10.591
+2	20.1	73.0	+2	29.2	10.656
+1	10.1	72.5	+1	14.6	10.722
					10.787
0	0.0	71.9	0	0.0	10.862
					10.937
-1	(27.5)	70.8	-1	(14.6)	11.002
-2	(54.9)	69.7	-2	(29.2)	11.067
-3	(82.4)	68.6	-3	(43.7)	11.133
-4	(109.8)	67.4	-4	(58.3)	11.198
-5	(137.3)	66.3	-5	(72.9)	11.263
-6	(164.8)	65.2	-6	(87.5)	11.328
-7	(192.2)	64.1	-7 ← AHR POINTS -7.097	(102.1)	Adjusted ANOHR 11.400 → 11.394
-8	(219.7)	63.0	-8	(116.6)	11.459
-9	(247.1)	61.8	-9	(131.2)	11.524
-10	(274.6)	60.7	-10	(145.8)	11.589
Weighting Factor =	0.34%		Weighting Factor =	0.50%	

Adjusted EAF 78.3

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2003 - DECEMBER 2003

GANNON 6

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	1,287.1	80.8	+10	1,942.0	10,007
+9	1,158.4	80.3	+9	1,747.8	10,077
+8	1,029.7	79.8	+8	1,553.6	10,146
+7	901.0	79.3	+7	1,359.4	10,215
+6	772.3	78.9	+6	1,165.2	10,284
+5	643.5	78.4	+5	971.0	10,354
+4	514.8	77.9	+4	776.8	10,423
+3	386.1	77.4	+3	582.6	10,492
+2	257.4	76.9	+2	388.4	10,561
+1	128.7	76.4	+1	194.2	10,630
					10,700
0	0.0	75.9	0	0.0	10,775
					10,850
-1	(288.3)	75.0	-1	(194.2)	10,919
-2	(576.6)	74.0	-2	(388.4)	10,988
-3	(864.9)	73.1	-3	(582.6)	11,057
-4	(1,153.2)	72.1	-4	(776.8)	11,126
-5	(1,441.5)	71.1	-5	(971.0)	11,196
-6	(1,729.9)	70.2	-6	(1,165.2)	11,265
-7	(2,018.2)	69.2	-7	(1,359.4)	11,334
-8	(2,306.5)	68.3	-8	(1,553.6)	11,403
-9	(2,594.8)	67.3	-9	(1,747.8)	11,472
-10 EAF POINTS -10.000	(2,883.1)	66.3 Adjusted EAF 63.2	-10 AHR POINTS -10.000	(1,942.0)	11,542 Adjusted ANOHR 11.600

Weighting Factor = 4.41%

Weighting Factor = 6.66%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2003 - DECEMBER 2003

POLK 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	892.7	77.8	+10	2,278.3	9,615
+9	803.4	77.5	+9	2,050.4	9,684
+8	714.2	77.2	+8	1,822.6	9,753
+7	624.9	76.8	+7	1,594.8	9,822
+6	535.6	76.5	+6	1,367.0	9,891
+5	446.4	76.2	+5	1,139.1	9,961
+4	357.1	75.9	+4	911.3	10,030
+3	267.8	75.5	+3	683.5	10,099
+2	178.5	75.2	+2	455.7	10,168
+1	89.3	74.9	+1	227.8	10,237
					10,307
0	0.0	74.6	0	0.0	10,382
					10,457
-1	(167.0)	73.9	-1	(227.8)	10,526
-2	(333.9)	73.2	-2	(455.7)	10,595
-3	(500.9)	72.6	-3	(683.5)	10,664
-4	(667.8)	71.9	-4	(911.3)	10,733
-5	(834.8)	71.3	-5	(1,139.1)	10,802
-6	(1,001.7)	70.6	-6	(1,367.0)	10,872
-7	(1,168.7)	70.0	-7	(1,594.8)	10,941
-8	(1,335.6)	69.3	-8	(1,822.6)	11,010
-9	(1,502.6)	68.6	-9	(2,050.4)	11,079
-10	(1,669.5)	68.0	-10	(2,278.3)	11,148

EAF POINTS -10,000

Adjusted EAF 67.5

AHR POINTS -1,308

Adjusted ANOHR 10,547

Weighting Factor = 3.06%

Weighting Factor = 7.81%

TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD JAN 03 - DEC 03 POF	EUOF	EUOR	ACTUAL PERFORMANCE JAN 03 - DEC 03 POF	EUOF	EUOR
BIG BEND 1	10.36%	20.7%	5.8	31.2	33.2	0.0	35.1	35.1
BIG BEND 2	14.61%	29.1%	3.8	12.2	12.7	0.0	39.6	39.6
BIG BEND 3	10.41%	20.7%	3.8	33.7	35.0	0.0	37.6	37.6
BIG BEND 4	6.96%	13.9%	9.6	28.0	31.0	10.5	18.2	20.3
GANNON 5	0.34%	0.7%	0.0	0.0	0.0	0.0	1.8	1.8
GANNON 6	4.41%	8.8%	0.0	0.0	0.0	0.0	27.5	27.5
POLK 1	3.06%	6.1%	12.1	10.5	12.0	11.1	20.6	23.1
GPIF SYSTEM	**50.17%**	**100.0%**	**5.2**	**21.5**	**22.8**	**2.1**	**32.8**	**33.2**

GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%) 73.3 65.1

3 PERIOD AVERAGE POF	EUOF	EUOR	3 PERIOD AVERAGE EAF
8.4	21.1	23.2	70.5

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET HEAT RATE JAN 03 - DEC 03	ADJUSTED ACTUAL HEAT RATE JAN 03 - DEC 03
BIG BEND 1	8.95%	18.0%	10,533	10,884
BIG BEND 2	7.40%	14.9%	10,111	10,522
BIG BEND 3	10.01%	20.1%	10,132	10,678
BIG BEND 4	8.50%	17.1%	10,028	10,297
GANNON 5	0.50%	1.0%	10,862	11,400
GANNON 6	6.66%	13.4%	10,775	11,600
POLK 1	7.81%	15.7%	10,382	10,547
GPIF SYSTEM	**49.83%**	**100.0%**		

GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh) 10,316 10,737

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
JANUARY 2003 - DECEMBER 2003

Points are calculated according to the formula:

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

Where:

$GPIP$ = Generating performance incentive points

a_i = Percentage of total system fuel cost reduction attributed to maximum reasonably attainable equivalent availability of unit i during the period

e_i = Percentage of total system fuel cost reduction attributed to minimum reasonably attainable average heat rate of unit i during the period

EAP_i = Equivalent availability points awarded/deducted for unit i

$AHRP_i$ = Average heat rate points awarded/deducted for unit i

Weighting factors and point values are listed on page 4.

GPIP =	10.36%	*	(BB 1 EAP)	+	14.61%	*	(BB 2 EAP)	+	10.41%	*	(BB 3 EAP)
+	6.96%	*	(BB 4 EAP)	+	0.34%	*	(GN 5 EAP)	+	4.41%	*	(GN 6 EAP)
+	3.06%	*	(PK 1 EAP)	+	8.95%	*	(BB 1 AHRP)	+	7.40%	*	(BB 2 AHRP)
+	10.01%	*	(BB 3 AHRP)	+	8.50%	*	(BB 4 AHRP)	+	0.50%	*	(GN 5 AHRP)
+	6.66%	*	(GN 6 AHRP)	+	7.81%	*	(PK 1 AHRP)				

GPIP =	10.36%	*	-8.421	+	14.61%	*	-3.607	+	10.41%	*	-5.998
+	6.96%	*	-9.503	+	0.34%	*	10.000	+	4.41%	*	-10.000
+	3.06%	*	-10.000	+	8.95%	*	-5.041	+	7.40%	*	-7.258
+	10.01%	*	-7.816	+	8.50%	*	-4.991	+	0.50%	*	-7.097
+	6.66%	*	-10.000	+	7.81%	*	-1.308				

GPIP =	-0.873	+	-0.527	+	-0.624
+	-0.662	+	0.034	+	-0.441
+	-0.306	+	-0.451	+	-0.537
+	-0.782	+	-0.424	+	-0.035
+	-0.666	+	-0.102		

GPIP = -6.397 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) on page 2.

GPIF REWARD = ($3,678,414)

EXHIBIT NO. _____
DOCKET NO. 040001-EI
TAMPA ELECTRIC COMPANY
(WAS-1)
DOCUMENT NO. 2

EXHIBITS TO THE TESTIMONY OF

WILLIAM A. SMOTHERMAN

DOCKET NO. 040001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2003 - DECEMBER 2003

TRUE-UP

DOCUMENT NO. 2

ACTUAL UNIT PERFORMANCE DATA

TAMPA ELECTRIC COMPANY
ACTUAL UNIT PERFORMANCE DATA
JANUARY 2003 - DECEMBER 2003
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ORIGINAL SHEET NO 8 401 02A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2003 - DECEMBER 2003

PLANT/UNIT	MONTH OF	MONTH OF	MONTH OF:	MONTH OF	MONTH OF:	MONTH OF	MONTH OF.	MONTH OF	MONTH OF.	MONTH OF	MONTH OF	MONTH OF	PERIOD
BIG BEND 1	JAN 03	FEB 03	MAR 03	APR 03	MAY 03	JUN 03	JUL 03	AUG 03	SEP 03	OCT 03	NOV 03	DEC 03	2003
1. EAF (%)	71.4	73 9	67 1	82 5	54 9	59.1	58 9	60.0	66 5	49 3	72 7	61 7	64 7
2. PH	744 0	672 0	744 0	719 0	744 0	720 0	744 0	744.0	720 0	745.0	720 0	744 0	8,760 0
3 SH	659 8	629 5	612.7	719 0	510.6	598 6	587 6	619 0	695 0	487 2	720 0	703 5	7,542 4
4. RSH	0.0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
5 UH	84.2	42 5	131.3	0 0	233 4	121 4	156 4	125 1	25 0	257 9	0 0	40 5	1,217 6
6. POH	0 0	0 0	0 0	0 0	0 0	0.0	0.0	0 0	0 0	0 0	0 0	0 0	0 0
7 FOH	84 2	0.0	71.6	0 0	233 4	121 4	156 4	125 1	1 3	121 6	0 0	25 0	939 9
8 MOH	0.0	42 5	59 7	0 0	0 0	0.0	0 0	0.0	23 7	136 2	0 0	15 5	277 7
9 PFOH	637 8	615 2	599 1	642 0	483 1	553 0	553 6	584 8	660 3	467 8	676 8	829 0	7,302 4
10 LR PF (MW)	78.2	87 6	75 8	70 8	74 4	110 4	97 2	115 6	124 9	97 6	108 2	106 0	96 2
11 PMOH	21 6	15 0	13 2	32 2	26 4	45 1	31.2	22 4	32.9	19 1	42 5	170 1	471 7
12 LR PM (MW)	232 2	196.8	233.6	233 8	262.7	263 2	287 6	222 8	263 1	256 7	227 4	99 2	193 9
13 NSC (MW)	426	428	428	421	421	421	421	421	421	421	421	428	423
14 OPR BTU(GBTU)	2,135 6	1,922 7	2,089 0	2,381 1	1,641 4	1,787 3	1,894 4	1,855 9	2,103 9	1,580 0	2,226 4	2,028 6	23,646 3
15. NET GEN (MWH)	194,245	178,959	190,435	211,988	145,612	157,833	169,176	162,277	183,306	141,655	200,071	181,978	2,117,534
16. ANOHR (BTU/KWH)	10,994	10,744	10,970	11,232	11,272	11,324	11,198	11,436	11,478	11,154	11,128	11,147	11,167
17 NOF (%)	69 1	66 4	72 6	70 0	67.7	62 6	68 4	62 3	62 6	69 1	66 0	60 4	66 3
18 NPC (MW)	426	428	428	421	421	421	421	421	421	421	421	428	423
19 ANOHR EQUATION	ANOHR = NOF(-21 583) + 12058												

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TAMPA ELECTRIC COMPANY

UNIT PERFORMANCE DATA w/o FGD

JANUARY 2003 - DECEMBER 2003

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF.	MONTH OF	MONTH OF	MONTH OF	MONTH OF:	MONTH OF	MONTH OF:	MONTH OF	MONTH OF	PERIOD
BIG BEND 1 w/o FGD	JAN 03	FEB 03	MAR 03	APR 03	MAY 03	JUN 03	JUL 03	AUG 03	SEP 03	OCT 03	NOV 03	DEC 03	2003
1. OPR BTU (GBTU)	2,135.6	1,922 7	2,089 0	2,381 1	1,641 4	1,787 3	1,894 4	1,855 9	2,103 9	1,580 0	2,226 4	2,028 6	23,646 3
2 NET GEN w/FGD (MWH)	194,245	178,959	190,435	211,988	145,612	157,833	169,176	162,277	183,306	141,655	200,071	181,978	2,117,534
3 FGD CONSUMED (MWH)	3,569	3,458	3,726	3,731	3,354	2,752	2,914	3,173	3,156	2,817	2,240	3,598	38,487
4. NET GEN w/o FGD (MWH)	197,814	182,417	194,160	215,719	148,966	160,586	172,090	165,450	186,462	144,472	202,311	185,576	2,156,021
5 ANOHR w/FGD (BTU/KWH)	10,994	10,744	10,970	11,232	11,272	11,324	11,198	11,436	11,478	11,154	11,128	11,147	11,167
6. ANOHR w/o FGD (BTU/KWH)	10,796	10,540	10,759	11,038	11,019	11,130	11,008	11,217	11,284	10,936	11,005	10,931	10,968
7 NOF w/FGD (%)	69 1	66 4	72 6	70 0	67.7	62.6	68 4	62 3	62 6	69 1	66 0	60 4	66 3
8 NOF w/o FGD (%)	69 6	66 9	73 2	70 4	68 5	63 0	68 8	62 7	63 0	69 6	66 0	60 9	66 8
9 NPC (MW) w/FGD	426	426	426	421	421	421	421	421	421	421	421	426	423
10 NPC (MW) w/o FGD	431	433	433	426	426	426	426	426	426	426	426	433	428

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ACTUAL UNIT PERFORMANCE DATA

JANUARY 2003 - DECEMBER 2003

PLANT/UNIT	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	PERIOD
BIG BEND 2	JAN 03	FEB 03	MAR 03	APR 03	MAY 03	JUN 03	JUL 03	AUG 03	SEP 03	OCT 03	NOV 03	DEC 03	2003
1. EAF (%)	43 3	30 6	72 7	88 8	84 6	75 9	78 0	50 6	51 4	60 1	39 0	44 6	60 2
2 PH	744 0	672 0	744 0	719 0	744 0	720 0	744 0	744 0	720 0	745 0	720 0	744 0	8,760 0
3. SH	377.7	230 2	640 1	690 6	740 4	692 5	744 0	469 5	514 7	718 6	444 2	504 4	6,766 7
4 RSH	0 0	0 0	0.0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
5 UH	366 3	441 8	103 9	28 4	3 6	27 5	0 0	274 5	205 3	26 4	275 8	239 7	1,993 3
6 POH	0 0	0.0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
7 FOH	366 3	441 8	103 9	28 4	3 6	27 5	0 0	25 8	62 4	26 4	274 2	225 0	1,585 5
8 MOH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	248 7	142 9	0 0	1 6	14 7	407 8
9 PFOH	377 2	155 6	608 9	322 6	697 0	636 2	703 5	456 8	482 1	724 6	475 3	401 5	6,041 3
10 LR PF (MW)	62 8	49 9	65 5	32 0	41 3	81 8	82 6	78 6	112 0	145 2	139 3	180 0	91 7
11 PMOH	0 0	12 5	18 5	50 8	66 4	31 7	39 7	9 3	27 2	75 9	14 3	11 1	357 2
12 LR PM (MW)	0 0	231 1	174 9	217 8	254 3	256 4	233 6	237 2	203 5	82 5	57 2	226 3	192 5
13 NSC (MW)	426	433	433	411	411	411	411	411	411	411	411	433	418
14 OPR BTU(GBTU)	1,308	747	2,218	2,425	2,415	2,126	2,316	1,548	1,517	2,416	1,468	1,301	21,806
15 NET GEN (MWH)	123,813	73,719	206,163	227,232	220,950	193,418	213,042	139,794	138,368	224,289	136,885	120,784	2,018,456
16 ANOHR (BTU/KWH)	10,567	10,133	10,756	10,673	10,930	10,994	10,873	11,077	10,960	10,771	10,725	10,772	10,803
17 NOF (%)	77 0	74 0	74 4	80 1	72 6	68 0	69 7	72 4	65 4	75 9	75 0	55 3	71 4
18 NPC (MW)	426	433	433	411	411	411	411	411	411	411	411	433	418
19 ANOHR EQUATION	ANOHR = NOF(-12 783) + 11130												

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TAMPA ELECTRIC COMPANY

UNIT PERFORMANCE DATA w/o FGD

JANUARY 2003 - DECEMBER 2003

PLANT/UNIT	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	PERIOD
BIG BEND 2 w/o FGD	JAN 03	FEB 03	MAR 03	APR 03	MAY 03	JUN 03	JUL 03	AUG 03	SEP 03	OCT 03	NOV 03	DEC 03	2003
1 OPR BTU (GBTU)	1,308.3	747 0	2,217 5	2,425 3	2,415 1	2,126 4	2,316 3	1,548 4	1,516 5	2,415 9	1,468 1	1,301 1	21,806 1
2 NET GEN w/FGD (MWH)	123,813	73,719	206,163	227,232	220,950	193,418	213,042	139,794	138,368	224,289	136,885	120,784	2,018,456
3 FGD CONSUMED (MWH)	2,241	1,345	4,035	3,590	3,167	3,198	3,605	2,720	2,291	4,155	1,460	2,511	34,317
4 NET GEN w/o FGD (MWH)	126,054	75,064	210,198	230,822	224,117	196,616	216,647	142,514	140,659	228,443	138,345	123,295	2,052,773
5 ANOHR w/FGD (BTU/KWH)	10,567	10,133	10,756	10,673	10,930	10,994	10,873	11,077	10,960	10,771	10,725	10,772	10,803
6 ANOHR w/o FGD (BTU/KWH)	10,379	9,951	10,550	10,507	10,776	10,815	10,692	10,865	10,782	10,576	10,612	10,553	10,623
7 NOF w/FGD (%)	77 0	74 0	74 4	80 1	72 6	68 0	69.7	72 4	65 4	75 9	75 0	55 3	71 4
8 NOF w/o FGD (%)	77 4	74 5	75 0	80 3	72 8	68 2	70 0	73 0	65 7	76 4	74 9	55 8	71 8
9 NPC (MW) w/FGD	426	433	433	411	411	411	411	411	411	411	411	433	418
10 NPC (MW) w/o FGD	431	438	438	416	416	416	416	416	416	416	416	438	423

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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2003 - DECEMBER 2003

PLANT/UNIT	MONTH OF:	MONTH OF	MONTH OF:	MONTH OF.	MONTH OF	MONTH OF	MONTH OF:	MONTH OF.	MONTH OF:	MONTH OF	MONTH OF	MONTH OF	PERIOD
BIG BEND 3	JAN 03	FEB 03	MAR 03	APR 03	MAY 03	JUN 03	JUL 03	AUG 03	SEP 03	OCT 03	NOV 03	DEC 03	2003
1. EAF (%)	78 6	92 6	66 4	79 5	58 1	71 1	68.5	68 5	41 6	58 3	41 6	26 4	62 4
2 PH	744 0	672 0	744 0	719 0	744 0	720 0	744 0	744 0	720 0	745 0	720 0	744 0	8,760 0
3 SH	662 4	672 0	585 3	617 9	601 3	657 4	743 0	701 3	550 3	517 9	351 1	196 1	6,856 0
4 RSH	0 0	0 0	0.0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
5 UH	81 6	0 0	158 8	101 1	142 7	62 6	1 0	42 8	169 7	227 1	368 9	547 9	1,904 0
6 POH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
7. FOH	81 6	0.0	158 8	101 1	142.7	62 6	1 0	42 8	0 0	46 0	368 9	477 4	1,482 8
8 MOH	0 0	0.0	0 0	0 0	0 0	0 0	0 0	0 0	169 7	181 1	0 0	70 4	421 2
9 PFOH	614 1	391 9	550.2	582 3	557 2	604 7	714 2	700 1	543 2	480 7	307 1	0 0	6,045 6
10 LR PF (MW)	41 4	40.2	57 3	21 7	107 4	90 2	128 9	117 0	195 1	55 6	39 1	0 0	85 8
11. PMOH	47.8	27.3	34 6	32 6	43 9	32 6	27 9	0 0	5 0	36 7	43 7	0 0	332 1
12 LR PM (MW)	169 7	221 4	247.5	221 7	281 5	241 7	285 7	0.0	291 6	250 4	231 4	0 0	237 6
13 NSC (MW)	433	438	438	428	428	428	428	428	428	428	428	438	431
14 OPR BTU(GBTU)	2,304 0	2,381 5	2,000 6	2,210 6	1,783 0	2,091 3	2,083 3	2,183 7	1,332.6	1,741 7	1,201 1	600 0	21,913 3
15 NET GEN (MWH)	214,627	223,190	186,320	208,037	159,606	189,726	178,586	188,794	115,134	154,680	111,433	56,579	1,986,711
16 ANOHR BTU/KWH	10,735	10,670	10,737	10,626	11,171	11,023	11,665	11,566	11,574	11,260	10,779	10,605	11,030
17 NOF (%)	74 8	75 8	72 7	78 7	62 0	67 4	56 2	62 9	48 9	69 8	74 2	65 9	67 2
18 NPC (MW)	433	438	438	428	428	428	428	428	428	428	428	438	431
19 ANOHR EQUATION	ANOHR = NOF(-42 211) + 13320												

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PLANT/UNIT	MONTH OF:	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF	MONTH OF:	MONTH OF	MONTH OF	MONTH OF	PERIOD
BIG BEND 4	JAN 03	FEB 03	MAR 03	APR 03	MAY 03	JUN 03	JUL 02	AUG 03	SEP 03	OCT 03	NOV 03	DEC 03	2003
1 EAF (%)	77 9	74 1	82 5	76 7	88 1	79 6	66 9	92 1	86 9	74 7	0 3	54 4	71 3
2 PH	744 0	672 0	744.0	719.0	744 0	720 0	744 0	744 0	720 0	745 0	720 0	744 0	8,760 0
3 SH	640 8	568 6	722 9	578 3	728 8	710 1	557 9	744 0	715 6	703 1	2 8	440 2	7,112 8
4. RSH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
5 UH	103 2	103 4	21.1	140 7	15 2	9 9	186 1	0 0	4 4	41 9	717 2	303 8	1,647 2
6 POH	0 0	0 0	0.0	0.0	0 0	0.0	0 0	0 0	0 0	0 0	717 2	204 2	921 4
7 FOH	103 2	0 0	21.1	140 7	15 2	9 9	186 1	0 0	4 4	41 9	0 0	17 8	540 6
8 MOH	0 0	103 4	0 0	0 0	0 0	0.0	0 0	0.0	0 0	0 0	0 0	81 8	185 2
9 PFOH	640 3	531.2	673 8	262 8	698 6	671.5	491 9	728 4	705.4	668 2	2 8	146 1	6,221 0
10 LR PF (MW)	42 6	52 1	63 6	32 6	36 2	84 7	34 4	33 9	54 5	86 3	138 9	91 6	54 7
11 PMOH	0 0	36 6	42 8	20 5	29 5	26 0	63 1	10 9	9 6	34 2	0 0	13 7	287 0
12 LR PM (MW)	0 0	128 3	173 4	169 5	263 9	195 2	161 4	174 8	224 1	247.1	0 0	216 8	188 6
13 NSC (MW)	447	460	460	452	452	452	452	452	452	452	452	460	454
14 OPR BTU(GBTU)	2299 2	2088 3	2641 9	2258 5	2725 4	2472 9	2115 3	3000 2	2845 2	2492 4	0 0	1532 1	26471 4165
15 NET GEN (MWH)	221,664	197,136	245,982	212,390	258,670	232,398	191,005	275,957	262,409	237,353	191	147,521	2,482,684
16 ANOHR BTU/KWH	10,373	10,593	10,740	10,634	10,536	10,641	11,074	10,872	10,842	10,501	0	10,386	10,662
17 NOF (%)	77 4	75 4	74 0	81 3	78 5	72 4	75 7	82 1	81 1	74 7	15 3	72 9	77 0
18 NPC (MW)	447	460	460	452	452	452	452	452	452	452	452	460	454
19 ANOHR EQUATION	ANOHR = NOF(-37 857) + 13241												

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GANNON 5	JAN 03	FEB 03	MAR 03	APR 03	MAY 03	JUN 03	JUL 02	AUG 03	SEP 03	OCT 03	NOV 03	DEC 03	2003
1 EAF (%)	78 4	0 0	0 0	0 0	0 0	0.0	0 0	0 0	0 0	0 0	0 0	0 0	78 4
2 PH	744 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	744 0
3 SH	658.0	0 0	0 0	0 0	0 0	0 0	0 0	0.0	0 0	0 0	0 0	0 0	658 0
4 RSH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
5 UH	86 0	0.0	0.0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	86 0
6 POH	0 0	0 0	0.0	0.0	0 0	0 0	0 0	0 0	0.0	0 0	0.0	0 0	0 0
7 FOH	86.0	0.0	0 0	0 0	0 0	0.0	0 0	0 0	0 0	0.0	0 0	0 0	86 0
8 MOH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0.0	0 0	0 0	0 0	0 0	0 0
9 PFOH	338 5	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	338 5
10 LR PF (MW)	46 7	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0.0	0 0	0 0	0 0	46 7
11 PMOH	5 9	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	5 9
12. LR PM (MW)	80 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	80 2
13 NSC (MW)	217	0	0	0	0	0	0	0	0	0	0	0	217
14 OPR BTU(GBTU)	842 5	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	842 4539
15. NET GEN (MWH)	73,740	0	0	0	0	0	0	0	0	0	0	0	73,740
16 ANOHR BTU/KWH	11,425	0	0	0	0	0	0	0	0	0	0	0	11,425
17 NOF (%)	51 6	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	51 6
18 NPC (MW)	217	0	0	0	0	0	0	0	0	0	0	0	217
19. ANOHR EQUATION	ANOHR = NOF(-8 6611) + 11322												

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PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF	MONTH OF	MONTH OF:	MONTH OF:	MONTH OF	MONTH OF	MONTH OF	MONTH OF	PERIOD
GANNON 6	JAN 03	FEB 03	MAR 03	APR 03	MAY 03	JUN 03	JUL 02	AUG 03	SEP 03	OCT 03	NOV 03	DEC 03	2003
1 EAF (%)	74 2	68 6	57.5	51 6	78 9	34.7	63 7	61 1	77 8	0 0	0 0	0 0	63 2
2 PH	744 0	672 0	744 0	719 0	744 0	720 0	744 0	744 0	720 0	0 0	0 0	0 0	6,551 0
3 SH	662 3	500 3	472 1	403 7	687.1	344 2	589 7	590 4	708 6	0 0	0 0	0 0	4,958 2
4 RSH	0 0	0 0	0 0	0 0	0.0	0.0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
5 UH	81 8	171 7	272 0	315 4	56 9	375 8	154 3	153 6	11 4	0 0	0 0	0 0	1,592 9
6. POH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
7 FOH	81 8	171 7	272 0	315 4	56 9	112 4	154 3	153 6	11 4	0 0	0 0	0 0	1,329 5
8 MOH	0 0	0 0	0 0	0 0	0 0	263 4	0 0	0 0	0 0	0 0	0 0	0 0	263 4
9 PFOH	507 2	176 6	209 8	217 6	395 8	310 5	536 6	574 8	694 0	0 0	0 0	0 0	3,622 9
10 LR PF (MW)	80 7	72 5	78 0	53 0	73 2	106 9	72 9	81 9	70 6	0 0	0 0	0 0	77 0
11 PMOH	0 0	10 1	0 0	0 0	36 5	0 0	14 8	19 8	26 6	0 0	0 0	0 0	107 8
12 LR PM (MW)	0 0	189 6	0 0	0 0	175 3	0 0	112 9	40 0	124 8	0 0	0 0	0 0	130 8
13 NSC (MW)	372 0	372 0	372 0	353 0	353 0	353 0	353 0	353 0	353 0	0 0	0 0	0 0	359
14 OPR BTU(GBTU)	1,745 9	1,437 8	1,322 4	1,156 2	1,922 4	822 0	1,604 6	1,664 5	1,882 4	0 0	0 0	0 0	13,558 2
15 NET GEN (MWH)	152,641	128,435	116,781	98,704	162,321	70,031	133,883	139,688	163,359	0	0	0	1,165,844
16 ANOHR BTU/KWH	11,438	11,195	11,323	11,713	11,843	11,738	11,985	11,916	11,523	0	0	0	11,629
17 NOF (%)	62 0	69 0	66 5	69 3	66 9	57 6	64 3	67 0	65 3	0 0	0 0	0 0	65 4
18 NPC (MW)	372	372	372	353	353	353	353	353	353	0	0	0	359

19 ANOHR EQUATION ANOHR = NOF(5 8759) + 10194

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POLK 1	JAN 03	FEB 03	MAR 03	APR 03	MAY 03	JUN 03	JUL 02	AUG 03	SEP 03	OCT 03	NOV 03	DEC 03	2003
1 EAF (%)	95 6	92 4	21 9	34 4	92 9	84 5	88 7	92 8	21 7	2 8	96 7	97 0	68 4
2 PH	744 0	672 0	744 0	719 0	744 0	720 0	744 0	744 0	720 0	745 0	720 0	744 0	8,760 0
3 SH	737.3	670 3	165 2	198 3	740 4	618 5	744 1	698 7	170 4	27 4	720 9	700 8	6,192 3
4 RSH	-5 5	-11 6	573 7	444 8	-9 9	21 7	-5 0	35 4	-5 1	-6 4	-1 8	22 1	1,052 2
5 UH	12 2	13.3	5 1	75 9	13 6	79 8	4 8	10 0	554 6	724 1	0 9	21 2	1,515 5
6 POH	0 0	0 0	575 7	392 6	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	968 3
7 FOH	12 2	8 7	5 1	74 1	2 5	10 8	4.8	1 6	0 6	0 0	0 9	14 7	136 1
8 MOH	0 0	4 6	0 0	1 8	11 1	69 0	0 0	8 4	554 0	724 1	0 0	6 5	1,379 4
9. PFOH	342.3	404 8	0 0	38 0	709 3	518 2	1,282 8	1,318 3	148 5	0 0	970 0	12 7	5,744 9
10 LR PF (MW)	14 9	24 4	0.0	21 9	14 0	15 7	15 7	8 4	15 7	0 0	6 0	26 4	12 8
11 PMOH	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
12 LR PM (MW)	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
13 NSC (MW) **	250	260	260	255	255	255	255	255	255	255	255	260	256
14 OPR BTU(GBTU)	1,617 2	1,449 5	434 4	327 7	1,680 3	1,362 1	1,707 6	1,618 0	390 6	44 7	1,659 7	1,646 5	13,938 3
15 NET GEN (MWH)	147,278	141,418	33,870	15,513	166,070	130,694	158,287	146,260	33,695	-4,132	172,122	165,792	1,306,867
16 ANOHR BTU/KWH	10,980	10,250	12,826	21,123	10,118	10,422	10,788	11,062	11,593	-10,829	9,642	9,931	10,665
17 NOF (%)	80 3	81 9	78 9	32 6	88 4	84 1	83 6	82 6	78 6	-60 6	93 8	91 2	82 5
18 NPC (MW) **	250	260	260	255	255	255	255	255	255	255	255	260	256

19 ANOHR EQUATION ANOHR = NOF(-49 528) + 14782

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