BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 050001-EI

IN RE: FUEL & PURCHASED POWER COST RECOVERY

AND

CAPACITY COST RECOVERY

GENERATING PERFORMANCE INCENTIVE FACTOR

TRUE-UP

JANUARY 2004 THROUGH DECEMBER 2004

TESTIMONY AND EXHIBIT

OF

DAVID R. KNAPP

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

DAVID R. KNAPP

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

A. My name is David R. Knapp. My business address is 702 N. Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "company") as a Senior Engineer in the Resource Planning Department.

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

A. I received a Bachelor of Marine Engineering degree in 1986 from the Maine Maritime Academy and a Master of Business Administration from the University of Tampa in 2002. Prior to joining Tampa Electric, I worked in the areas of operations engineering and management. In January 1996, I joined Tampa Electric and worked in field operations and power plant engineering. In April 2000, I transferred to the Resource Planning department where I provide engineering and technical support in the

development of Tampa Electric's integrated resource planning process and business planning activities.

Q. Have you previously testified before the Florida Public Service Commission ("FPSC" or "Commission")?

A. Yes. On behalf of Tampa Electric, I testified before this Commission in Docket No. 040001-EI regarding the calculation of the Generating Performance Incentive Factor ("GPIF") targets.

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 GPIF for the period January 2004 through December 2004. I will also compare these results to the targets established prior to the beginning of the period.

Q. Have you prepared an exhibit to support your testimony?

A. Yes, Exhibit No. _____ (DRK-1), consisting of two documents, was prepared under my direction and supervision. Document No. 1, entitled "Tampa Electric

Company, Generating Performance Incentive Factor, January 2004 - December 2004, 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 2004 period.

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

A. Five of the company's units are included. They are Big Bend Station Units 1, 2, 3, and 4 and Polk Station Unit 1.

Q. Have you calculated the results of Tampa Electric's performance under the GPIF during the January 2004 through December 2004 period?

A. Yes, I have. This is shown on Document No. 1, page 4 of 26. Based upon 1.323 GPIF points, the result is a reward amount of $729,534 for the period.

Q. Please proceed with your review of the actual results for the January 2004 through December 2004 period.

A. On Document No. 1, page 3 of 26, the actual average common equity for the period is shown on line 14 as $1,396,325,730. This produces the maximum penalty or reward amount of $5,514,963 as shown on line 21.

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

A. Yes. Operating data on each of the units is filed monthly with the 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 12 months provides the basis for the GPIF.

Q. Are the equivalent availability results shown on Document No. 1, page 6 of 26, column 2, directly applicable to the GPIF table?

A. No. 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 26. 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 2004. Actual outage activities required 662.4 planned outage hours. Consequently, the actual equivalent availability of 66.6% is adjusted to 67.9% as shown on Document No. 1, page 7 of 26.

Big Bend Unit No. 2

On this unit, 504 planned outage hours were originally scheduled for 2004. Actual outage activities required 651.9 planned outage hours. Consequently, the actual equivalent availability of 69.1% is adjusted to 70.4% as shown on Document No. 1, page 8 of 26.

Big Bend Unit No. 3

On this unit, 504 planned outage hours were originally scheduled for 2004. Actual outage activities required 689.6 planned outage hours. Consequently, the actual equivalent availability of 67.2% is adjusted to 68.8% as shown on Document No. 1, page 9 of 26.

Big Bend Unit No. 4

On this unit, 504 planned outage hours were originally scheduled for 2004. Actual outage activities required no planned outage hours. Consequently, the actual equivalent availability of 79.3% is adjusted to 74.8% as shown on Document No. 1, page 10 of 26.

Polk Unit No. 1

On this unit, 384 planned outage hours were originally scheduled for 2004. Actual outage activities required 279.3 planned outage hours. Consequently, the actual equivalent availability of 90.5% is adjusted to 89.4%, as shown on Document No. 1, page 11 of 26.

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 26, column 4. This number is entered into the respective Generating Performance Incentive Point ("GPIP") table for each particular unit on pages 20 of 26 through 24 of 26. Page 4 of 26 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 and Polk Unit 1 are shown on Document No. 1, page 6 of 26. 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 26. The heat rate value is entered into the respective GPIP table for the particular unit, shown on pages 20 of 26 through 24 of 26. Page 4 of 26 summarizes the weighted heat rate and equivalent availability points to be awarded.

Q. What is the overall GPIP for Tampa Electric for the January 2004 through December 2004 period?

A. This is shown on Document No. 1, page 26 of 26. Essentially, the weighting factors shown on page 4 of 26, column 3, plus the equivalent availability points and the heat rate points shown on page 4 of 26, column 4, are substituted within the equation. The resulting value, 1.323, is then entered into the GPIF table on page 2 of

26. Using linear interpolation, the reward amount is $729,534.

Q. Does this conclude your testimony?

A. Yes, it does.

EXHIBIT NO. _____
TAMPA ELECTRIC COMPANY
DOCKET NO. 050001-EI
(DRK-1)

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2004 - DECEMBER 2004

EXHIBIT NO. _____
TAMPA ELECTRIC COMPANY
DOCKET NO. 050001-EI
(DRK-1)

GENERATING PERFORMANCE INCENTIVE FACTOR

INDEX

EXHIBIT NO. _____
TAMPA ELECTRIC COMPANY
DOCKET NO. 050001-EI
(DRK-1)
DOCUMENT NO. 1

EXHIBIT TO THE TESTIMONY OF

DAVID R. KNAPP

DOCKET NO. 050001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2004 – DECEMBER 2004

TRUE-UP

DOCUMENT NO. 1

GPIF SCHEDULES

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2004 - DECEMBER 2004
TRUE-UP
TABLE OF CONTENTS

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE - ACTUAL
JANUARY 2004 - DECEMBER 2004

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) ($000)	GENERATING PERFORMANCE INCENTIVE FACTOR ($000)
+10	27,344.8	5,515.0
+9	24,610.4	4,963.5
+8	21,875.9	4,412.0
+7	19,141.4	3,860.5
+6	16,406.9	3,309.0
+5	13,672.4	2,757.5
+4	10,937.9	2,206.0
+3	8,203.5	1,654.5
+2	5,469.0	1,103.0
+1	2,734.5	551.5
0	0.0	0.0
-1	(4,295.9)	(551.5)
-2	(8,591.8)	(1,103.0)
-3	(12,887.7)	(1,654.5)
-4	(17,183.6)	(2,206.0)
-5	(21,479.5)	(2,757.5)
-6	(25,775.4)	(3,309.0)
-7	(30,071.3)	(3,860.5)
-8	(34,367.2)	(4,412.0)
-9	(38,663.0)	(4,963.5)
-10	(42,958.9)	(5,515.0)

GPI POINTS 1.323 ← **REWARD DOLLARS $729,534** →

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
JANUARY 2004 - DECEMBER 2004

Line 1	Beginning of period balance of common equity:		$ 1,386,339,366
	End of month common equity:		
Line 2	Month of January	2004	$ 1,396,650,842
Line 3	Month of February	2004	$ 1,402,389,658
Line 4	Month of March	2004	$ 1,379,215,571
Line 5	Month of April	2004	$ 1,374,075,579
Line 6	Month of May	2004	$ 1,390,196,267
Line 7	Month of June	2004	$ 1,407,964,310
Line 8	Month of July	2004	$ 1,396,042,590
Line 9	Month of August	2004	$ 1,419,563,076
Line 10	Month of September	2004	$ 1,429,355,834
Line 11	Month of October	2004	$ 1,383,668,444
Line 12	Month of November	2004	$ 1,391,937,487
Line 13	Month of December	2004	$ 1,394,835,461
Line 14	(Summation of line 1 through line 13 divided by 13)		$ 1,396,325,730
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)		$ 5,687,146
Line 18	Jurisdictional Sales		18,432,561 MWH
Line 19	Total Sales		19,008,044 MWH
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)		96.97%
Line 21	**Maximum Allowed Jurisdictional Incentive Dollars (line 17 times line 20)**		**$ 5,514,963**

TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
JANUARY 2004 - DECEMBER 2004

PLANT / UNIT	12 MONTH ADJ. ACTUAL PERFORMANCE		WEIGHTING FACTOR	UNIT POINTS	WEIGHTED UNIT POINTS
BIG BEND 1	67.9%	EAF	14.90%	1.304	0.194
BIG BEND 2	70.4%	EAF	16.04%	6.385	1.024
BIG BEND 3	68.8%	EAF	13.98%	2.146	0.300
BIG BEND 4	74.8%	EAF	10.47%	-4.819	-0.504
POLK 1	89.4%	EAF	2.09%	10.000	0.209
BIG BEND 1	10,599	ANOHR	7.58%	0.788	0.060
BIG BEND 2	10,396	ANOHR	8.85%	0.000	0.000
BIG BEND 3	10,507	ANOHR	10.33%	-2.645	-0.273
BIG BEND 4	10,444	ANOHR	10.30%	-2.257	-0.232
POLK 1	9,928	ANOHR	5.46%	10.000	0.546
			100.00%		1.323

GPIF REWARD $ 729,534

TAMPA ELECTRIC COMPANY
GPIF TARGET AND RANGE SUMMARY

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	WEIGHTING FACTOR	EAF TARGET	EAF TARGET RANGE MAX.	EAF TARGET RANGE MIN.	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	ACTUAL ADJUSTED EAF	ACTUAL FUEL SAVINGS/ LOSS ($000)
BIG BEND 1	14.90%	67.2%	72.90%	55.73%	4,074.5	(8,083.0)	67.90%	1,054.3
BIG BEND 2	16.04%	66.7%	72.50%	55.09%	4,386.4	(8,770.2)	70.40%	5,600.0
BIG BEND 3	13.98%	67.6%	73.20%	56.36%	3,822.1	(7,513.0)	68.80%	1,612.2
BIG BEND 4	10.47%	78.2%	81.70%	71.17%	2,862.2	(5,826.8)	74.80%	(2,807.8)
POLK 1	2.09%	85.6%	87.80%	81.15%	571.1	(1,137.4)	89.40%	1,137.4
GPIF SYSTEM	**57.47%**				**15,716.3**	**(31,330.4)**		

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	7.58%	10,708	77.88%	10,204	11,212	2,073.1	(2,073.1)	10,599	163.3
BIG BEND 2	8.85%	10,384	82.24%	9,821	10,948	2,421.0	(2,421.0)	10,396	0.0
BIG BEND 3	10.33%	10,278	78.51%	9,622	10,935	2,825.9	(2,825.9)	10,507	(747.4)
BIG BEND 4	10.30%	10,272	83.95%	9,767	10,777	2,815.9	(2,815.9)	10,444	(635.6)
POLK 1	5.46%	10,569	89.34%	10,135	11,003	1,492.6	(1,492.6)	9,928	1,492.6
GPIF SYSTEM	**42.53%**					**11,628.5**	**(11,628.5)**		

TAMPA ELECTRIC COMPANY
UNIT PERFORMANCE DATA - ACTUAL
JANUARY 2004 - DECEMBER 2004

PLANT / UNIT	ACTUAL EAF	ADJUSTMENTS TO EAF (1)	ACTUAL ADJUSTED EAF
BIG BEND 1	66.6%	1.3%	67.9%
BIG BEND 2	69.1%	1.3%	70.4%
BIG BEND 3	67.2%	1.6%	68.8%
BIG BEND 4	79.3%	-4.5%	74.8%
POLK 1	90.5%	-1.1%	89.4%

PLANT / UNIT	ACTUAL ANOHR (Btu/kwh)	ADJUSTMENTS TO ANOHR (2) (Btu/kwh)	ACTUAL ADJUSTED ANOHR (Btu/kwh)
BIG BEND 1	10,733	-134	10,599
BIG BEND 2	10,623	-227	10,396
BIG BEND 3	10,731	-224	10,507
BIG BEND 4	10,877	-433	10,444
POLK 1	10,114	-186	9,928

(1) Documentation of adjustments to Actual EAF on pages 7 - 11

(2) Documentation of adjustments to Actual ANOHR on pages 12 - 16

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 1
JANUARY 2004 - DECEMBER 2004

WEIGHTING FACTOR = 14.90%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,784.0	8,784.0	8,784.0
EAF	67.2	66.6	67.9
POH	504.0	662.4	504.0
FOH + EFOH	1,875.1	1,824.8	1,860.4
MOH + EMOH	506.4	446.5	455.2
POF	5.7	7.5	5.7
EFOF	21.3	20.8	21.2
EMOF	5.8	5.1	5.2

1.304 **EQUIVALENT AVAILABILITY POINTS**

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8{,}784.0 - 504.0}{8{,}784.0 - 662.4} \times (1{,}824.8 + 446.5) = 2{,}315.6$$

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

$$100 - 5.7 - \frac{2{,}315.6}{8{,}784.0} \times 100 = 67.9$$

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 2004 - DECEMBER 2004

WEIGHTING FACTOR = 16.04%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,784.0	8,784.0	8,784.0
EAF	66.7	69.1	70.4
POH	504.0	651.9	504.0
FOH + EFOH	1,926.7	1,346.1	1,370.6
MOH + EMOH	495.2	714.5	727.5
POF	5.7	7.4	5.7
EFOF	21.9	15.3	15.6
EMOF	5.6	8.1	8.3

6.385 **EQUIVALENT AVAILABILITY POINTS**

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8{,}784.0 - 504.0}{8{,}784.0 - 651.9} \times (1{,}346.1 + 714.5) = 2{,}098.1$$

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

$$100 - 5.7 - \frac{2{,}098.1}{8{,}784.0} \times 100 = 70.4$$

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 2004 - DECEMBER 2004

WEIGHTING FACTOR = 13.98%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,784.0	8,784.0	8,784.0
EAF	67.6	67.2	68.8
POH	504.0	689.6	504.0
FOH + EFOH	2,017.3	1,283.0	1,312.4
MOH + EMOH	324.9	909.4	930.3
POF	5.7	7.9	5.7
EFOF	23.0	14.6	14.9
EMOF	3.7	10.4	10.6

2.146 **EQUIVALENT AVAILABILITY POINTS**

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8{,}784.0 - 504.0}{8{,}784.0 - 689.6} \times (1{,}283.0 + 909.4) = 2{,}242.7$$

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

$$100 - 5.7 - \frac{2{,}242.7}{8{,}784.0} \times 100 = 68.8$$

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 2004 - DECEMBER 2004

WEIGHTING FACTOR = 10.47%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,784.0	8,784.0	8,784.0
EAF	78.2	79.3	74.8
POH	504.0	0.0	504.0
FOH + EFOH	1,140.5	1,366.6	1,288.2
MOH + EMOH	272.5	454.3	428.2
POF	5.7	0.0	5.7
EFOF	13.0	15.6	14.7
EMOF	3.1	5.2	4.9

-4.819 **EQUIVALENT AVAILABILITY POINTS**

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8,784.0 - 504.0}{8,784.0 - 0.0} \times (1,366.6 + 454.3) = 1,716.4$$

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

$$100 - 5.7 - \frac{1,716.4}{8,784.0} \times 100 = 74.8$$

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 2004 - DECEMBER 2004

WEIGHTING FACTOR = 2.09%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,784.0	8,784.0	8,784.0
EAF	85.6	90.5	89.4
POH	384.0	279.3	384.0
FOH + EFOH	614.1	518.1	511.7
MOH + EMOH	266.9	34.1	33.7
POF	4.4	3.2	4.4
EFOF	7.0	5.9	5.8
EMOF	3.0	0.4	0.4
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8{,}784.0 - 384.0}{8{,}784.0 - 279.3} \times (518.1 + 34.1) = 545.4$$

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

$$100 - 4.4 - \frac{545.4}{8{,}784.0} \times 100 = 89.4$$

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 2004 - DECEMBER 2004

WEIGHTING FACTOR = 7.58%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,708	10,733
NET GENERATION (GWH)	2,149.2	2,035.1
OPERATING BTU (10^9)	23,959.6	21,844.2
NET OUTPUT FACTOR	77.9	73.8

0.788 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF * (-32.95) + 13,273.61 = ANOHR

73.8 * (-32.95	+	13,273.61	=	10,842	
10,733	-	10,842	=	-109	
10,708	+	-109	=	10,599	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 2004 - DECEMBER 2004

WEIGHTING FACTOR = 8.85%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,384	10,623
NET GENERATION (GWH)	2,286.9	2,155.1
OPERATING BTU (10^9)	24,934.1	22,892.4
NET OUTPUT FACTOR	82.2	71.4

0.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF * (-20.91) + 12,104.24 = ANOHR

71.4 * (-20.91) +		12,104.24	=	10,611	
10,623	-	10,611	=	12	
10,384	+	12	=	10,396	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 2004 - DECEMBER 2004

WEIGHTING FACTOR = 10.33%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,278	10,731
NET GENERATION (GWH)	2,263.9	2,199.4
OPERATING BTU (10^9)	24,428.7	23,602.1
NET OUTPUT FACTOR	78.5	70.8

-2.645 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF * (-28.98) + 12,553.42 = ANOHR

70.8 * (-28.98) +		12,553.42	=	10,502	
10,731	-	10,502	=	229	
10,278	+	229	=	10,507	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 2004 - DECEMBER 2004

WEIGHTING FACTOR = 10.30%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,272	10,877
NET GENERATION (GWH)	2,798.3	2,702.0
OPERATING BTU (10^9)	29,571.2	29,388.7
NET OUTPUT FACTOR	83.9	75.5

-2.257 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF * (-51.32) + 14,579.79 = ANOHR

75.5 * (-51.32) +		14,579.79	=	10,705	
10,877	-	10,705	=	172	
10,272	+	172	=	10,444	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 2004 - DECEMBER 2004

WEIGHTING FACTOR = 5.46%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	10,569	10,114
NET GENERATION (GWH)	1,728.8	1,687.3
OPERATING BTU (10^9)	18,924.5	17,065.1
NET OUTPUT FACTOR	89.3	84.3

10.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF * (-37.02) + 13,876.37 = ANOHR

84.3 * (-37.02) +		13,876.37	=	10,756	
10,114	-	10,756	=	-642	
10,569	+	-642	=	9,928	ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

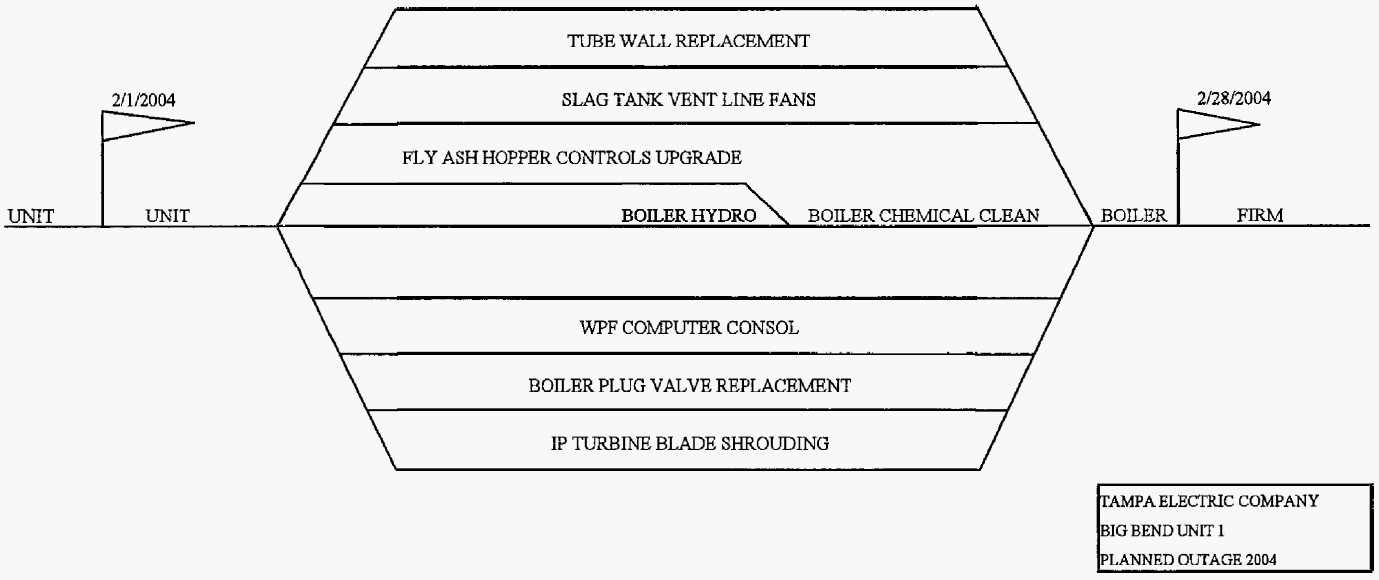
ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ACTUAL)
GPIF UNITS
JANUARY 2004 - DECEMBER 2004

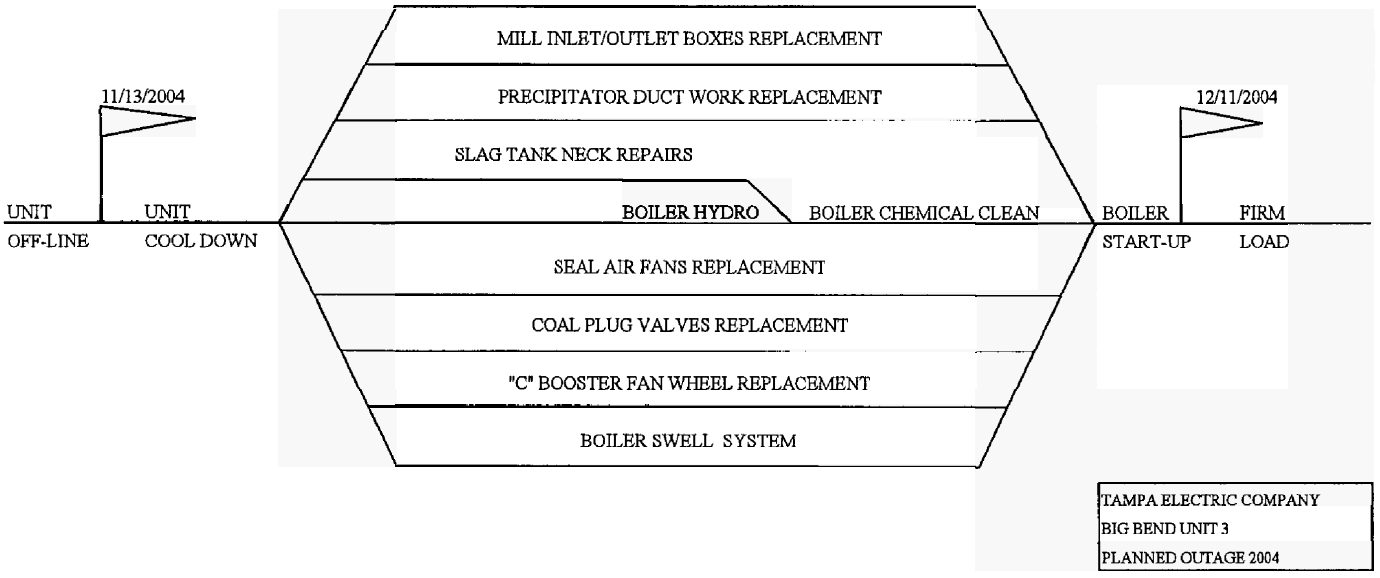
	PLANT / UNIT	ACTUAL PLANNED OUTAGE DATES	OUTAGE DESCRIPTION
	BIG BEND 1	Feb 01 - Feb 28	Tube wall Replacement (E/W lower furnace sidewall), Slag Tank Vent Line Fans, Fly Ash Hopper Controls Upgrade, Burner Nozzles, Air Preheater Basket Replacement, Blow down Tank, WPF Computer Consol, Boiler Plug Valve Replacement, Boiler Swell System, Steam Turbine Vibration Equipment, IP Turbine Blade Shrouding
+	BIG BEND 2	Oct 06 - Nov 01	Boiler Access Door Repair, Classifiers Replacement, 3rd Point Feedwater Heater Replacement, Boiler Swell System, Cold Reheat Safety Valve Replacement, Air Preheater Basket Replacement, Fly ash Control System Replacement, Hot Air Slide Gate, Installation ESP Expansion Joint Replacement, 2nd Air Damper Control System Replacement, Air Removal Pump Replacement
	BIG BEND 3	Nov 13 - Dec 11	ESP Duct Work Replacement, "C" Booster Fan Wheel Replacement, Mill Inlet/Outlet Boxes Replacement, Slag Tank Neck Replacement, Seal Air Fans Replacement, Coal Plug Valve Replacement, Boiler Swell Control System Replacement.
+	POLK 1	Feb 22 - Mar 04	CT Combustion Path Inspection, CSC Cleanout/Maintenance, Gasifier Brick Inspection, RSC Tube Leak Repair, Syngas Scrubber Piping Modifications, GEHO Feed Pump Maintenance, Rod Mill - Rod Change Out.

\+ CPM for outages of less than 4 weeks are not included.

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS OUTAGE ≥ FOUR WEEKS
JANUARY 2004 - DECEMBER 2004



TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS OUTAGE ≥ FOUR WEEKS
JANUARY 2004 - DECEMBER 2004



TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2004 - DECEMBER 2004

BIG BEND UNIT NO. 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	4,074.5	72.9%	+10	2,073.1	10,204
+9	3,667.1	72.3%	+9	1,865.8	10,247
+8	3,259.6	71.8%	+8	1,658.5	10,290
+7	2,852.2	71.2%	+7	1,451.2	10,333
+6	2,444.7	70.6%	+6	1,243.9	10,375
+5	2,037.3	70.0%	+5	1,036.5	10,418
+4	1,629.8	69.5%	+4	829.2	10,461
+3	1,222.4	68.9%	+3	18 - 19 621.9	10,504
+2	814.9	68.3%	+2	20 - 24 414.6	10,547
+1	407.5	67.7%	+1	25.0 207.3 26.0	10,590 10,633
0	0.0	67.2%	0	0.0	10,708 10,783
-1	(808.3)	66.0%	-1	(207.3)	10,826
-2	(1,616.6)	64.9%	-2	(414.6)	10,869
-3	(2,424.9)	63.7%	-3	(621.9)	10,911
-4	(3,233.2)	62.6%	-4	(829.2)	10,954
-5	(4,041.5)	61.4%	-5	(1,036.5)	10,997
-6	(4,849.8)	60.3%	-6	(1,243.9)	11,040
-7	(5,658.1)	59.2%	-7	(1,451.2)	11,083
-8	(6,466.4)	58.0%	-8	(1,658.5)	11,126
-9	(7,274.7)	56.9%	-9	(1,865.8)	11,169
-10	(8,083.0)	55.7%	-10	(2,073.1)	11,212

EAF POINTS 1.304

Adjusted EAF 67.9%

AHR POINTS 0.788

Adjusted ANOHR 10,599

Weighting Factor = 14.90%

Weighting Factor = 7.58%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2004 - DECEMBER 2004

BIG BEND UNIT NO. 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	4,386.4	72.5%	+10	2,421.0	9,821
+9	3,947.8	71.9%	+9	2,178.9	9,870
+8	3,509.1	71.3%	+8	1,936.8	9,919
+7	3,070.5	70.8%	+7	1,694.7	9,968
+6 ← **EAF POINTS 6.385**	**2,631.8**	**70.2%** → **Adjusted EAF 70.4%**	+6	1,452.6	10,017
+5	2,193.2	69.6%	+5	1,210.5	10,065
+4	1,754.6	69.0%	+4	968.4	10,114
+3	1,315.9	68.4%	+3	726.3	10,163
+2	877.3	67.9%	+2	484.2	10,212
+1	438.6	67.3%	+1	242.1	10,261
					10,309
0	0.0	66.7%	0 ← **AHR POINTS 0.000**	0.0	**Adjusted ANOHR 10,396** → 10,384
					10,459
-1	(877.0)	65.5%	-1	(242.1)	10,508
-2	(1,754.0)	64.4%	-2	(484.2)	10,557
-3	(2,631.1)	63.2%	-3	(726.3)	10,606
-4	(3,508.1)	62.1%	-4	(968.4)	10,655
-5	(4,385.1)	60.9%	-5	(1,210.5)	10,704
-6	(5,262.1)	59.7%	-6	(1,452.6)	10,752
-7	(6,139.1)	58.6%	-7	(1,694.7)	10,801
-8	(7,016.2)	57.4%	-8	(1,936.8)	10,850
-9	(7,893.2)	56.3%	-9	(2,178.9)	10,899
-10	(8,770.2)	55.1%	-10	(2,421.0)	10,948
Weighting Factor =		16.04%	Weighting Factor =		8.85%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2004 - DECEMBER 2004

BIG BEND UNIT NO. 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	3,822.1	73.2%	+10	2,825.9	9,622
+9	3,439.9	72.6%	+9	2,543.3	9,680
+8	3,057.7	72.1%	+8	2,260.7	9,738
+7	2,675.5	71.5%	+7	1,978.1	9,796
+6	2,293.3	71.0%	+6	1,695.5	9,854
+5	1,911.0	70.4%	+5	1,413.0	9,913
+4	1,528.8	69.8%	+4	1,130.4	9,971
+3	1,146.6	69.3%	+3	847.8	10,029
+2	764.4	68.7%	+2	565.2	10,087
+1	382.2	68.2%	+1	282.6	10,145
					10,203
0	0.0	67.6%	0	0.0	10,278
					10,353
-1	(751.3)	66.5%	-1	(282.6)	10,411
-2	(1,502.6)	65.4%	-2	(565.2)	10,470
-3	(2,253.9)	64.2%	-3	(847.8)	10,528
-4	(3,005.2)	63.1%	-4	(1,130.4)	10,586
-5	(3,756.5)	62.0%	-5	(1,413.0)	10,644
-6	(4,507.8)	60.9%	-6	(1,695.5)	10,702
-7	(5,259.1)	59.7%	-7	(1,978.1)	10,760
-8	(6,010.4)	58.6%	-8	(2,260.7)	10,818
-9	(6,761.7)	57.5%	-9	(2,543.3)	10,877
-10	(7,513.0)	56.4%	-10	(2,825.9)	10,935

EAF POINTS 2.146 ← Adjusted EAF 68.8% →

AHR POINTS -2.645 ← Adjusted ANOHR 10,507 →

Weighting Factor = 13.98%

Weighting Factor = 10.33%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2004 - DECEMBER 2004

BIG BEND UNIT NO. 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	2,862.2	81.7%	+10	2,815.9	9,767
+9	2,576.0	81.3%	+9	2,534.3	9,810
+8	2,289.8	81.0%	+8	2,252.7	9,853
+7	2,003.5	80.6%	+7	1,971.1	9,896
+6	1,717.3	80.3%	+6	1,689.6	9,939
+5	1,431.1	79.9%	+5	1,408.0	9,982
+4	1,144.9	79.6%	+4	1,126.4	10,025
+3	858.7	79.2%	+3	844.8	10,068
+2	572.4	78.9%	+2	563.2	10,111
+1	286.2	78.5%	+1	281.6	10,154
					10,197
0	0.0	78.2%	0	0.0	10,272
					10,347
-1	(582.7)	77.5%	-1	(281.6)	10,390
-2	(1,165.4)	76.8%	-2	(563.2)	10,433
-3	(1,748.0)	76.1%	-3	(844.8)	10,476
-4	(2,330.7)	75.4%	-4	(1,126.4)	10,519
-5	(2,913.4)	74.7%	-5	(1,408.0)	10,562
-6	(3,496.1)	74.0%	-6	(1,689.6)	10,605
-7	(4,078.8)	73.3%	-7	(1,971.1)	10,648
-8	(4,661.4)	72.6%	-8	(2,252.7)	10,691
-9	(5,244.1)	71.9%	-9	(2,534.3)	10,734
-10	(5,826.8)	71.2%	-10	(2,815.9)	10,777

EAF POINTS -4.819 → Adjusted EAF 74.8%

AHR POINTS -2.257 → Adjusted ANOHR 10,444

Weighting Factor = 10.47%

Weighting Factor = 10.30%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2004 - DECEMBER 2004

POLK UNIT NO. 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	**EAF POINTS 10.000**	571.1	**Adjusted EAF 89.4%**	87.8%	+10	**AHR POINTS 10.000**	1,492.6	**Adjusted ANOHR 9,928**	10,135
+9		514.0		87.6%	+9		1,343.4		10,171
+8		456.9		87.4%	+8		1,194.1		10,207
+7		399.8		87.1%	+7		1,044.8		10,243
+6		342.7		86.9%	+6		895.6		10,279
+5		285.5		86.7%	+5		746.3		10,315
+4		228.4		86.5%	+4		597.0		10,351
+3		171.3		86.3%	+3		447.8		10,387
+2		114.2		86.0%	+2		298.5		10,423
+1		57.1		85.8%	+1		149.3		10,458
									10,494
0		0.0		85.6%	0		0.0		10,569
									10,644
-1		(113.7)		85.2%	-1		(149.3)		10,680
-2		(227.5)		84.7%	-2		(298.5)		10,716
-3		(341.2)		84.3%	-3		(447.8)		10,752
-4		(455.0)		83.8%	-4		(597.0)		10,788
-5		(568.7)		83.4%	-5		(746.3)		10,824
-6		(682.4)		82.9%	-6		(895.6)		10,860
-7		(796.2)		82.5%	-7		(1,044.8)		10,896
-8		(909.9)		82.0%	-8		(1,194.1)		10,932
-9		(1,023.7)		81.6%	-9		(1,343.4)		10,967
-10		(1,137.4)		81.2%	-10		(1,492.6)		11,003
Weighting Factor =				2.09%	Weighting Factor =				5.46%

TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	TARGET WEIGHTING FACTOR	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD JAN 04 - DEC 04 POF	EUOF	EUOR	ACTUAL PERFORMANCE JAN 04 - DEC 04 POF	EUOF	EUOR
BIG BEND 1	14.90%	25.9%	5.7%	27.1%	28.8%	7.5%	25.9%	28.0%
BIG BEND 2	16.04%	27.9%	5.7%	27.6%	29.3%	7.4%	23.5%	25.3%
BIG BEND 3	13.98%	24.3%	5.7%	26.7%	28.3%	7.9%	25.0%	27.1%
BIG BEND 4	10.47%	18.2%	5.7%	16.1%	17.1%	0.0%	20.7%	20.7%
POLK 1	2.09%	3.6%	4.4%	10.0%	10.5%	3.2%	6.3%	6.5%
GPIF SYSTEM	**57.47%**	**100.0%**	**5.7%**	**24.5%**	**26.0%**	**6.1%**	**23.3%**	**24.9%**
GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY				**69.8%**			**70.6%**	

3 PERIOD AVERAGE POF	EUOF	EUOR	3 PERIOD AVERAGE EAF
6.7%	**24.5%**	**26.2%**	**68.8%**

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	TARGET WEIGHTING FACTOR	NORMALIZED WEIGHTING FACTOR	TARGET HEAT RATE JAN 04 - DEC 04	ADJUSTED ACTUAL HEAT RATE JAN 04 - DEC 04
BIG BEND 1	7.58%	17.8%	10,708	10,599
BIG BEND 2	8.85%	20.8%	10,384	10,396
BIG BEND 3	10.33%	24.3%	10,278	10,507
BIG BEND 4	10.30%	24.2%	10,272	10,444
POLK 1	5.46%	12.8%	10,569	9,928
GPIF SYSTEM	**42.53%**	**100.0%**		
GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh)			**10,413**	**10,411**

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
JANUARY 2004 - DECEMBER 2004

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 =	14.90%	*	(BB 1 EAP)	+	16.04%	*	(BB 2 EAP)	+	13.98%	*	(BB 3 EAP)
+	10.47%	*	(BB 4 EAP)	+	2.09%	*	(PK 1 EAP)	+	7.58%	*	(BB 1 AHRP)
+	8.85%	*	(BB 2 AHRP)	+	10.33%	*	(BB 3 AHRP)	+	10.30%	*	(BB 4 AHRP)
+	5.46%	*	(PK 1 AHRP)								

GPIP =	14.90%	*	1.304	+	16.04%	*	6.385	+	13.98%	*	2.146
+	10.47%	*	-4.819	+	2.09%	*	10.000	+	7.58%	*	0.788
+	8.85%	*	0.000	+	10.33%	*	-2.645	+	10.30%	*	-2.257
+	5.46%	*	10.000								

GPIP =	0.194	+	1.024	+	0.300
+	-0.504	+	0.209	+	0.060
+	0.000	+	-0.273	+	-0.232
+	0.546				

GPIP = 1.323 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 = $729,534

EXHIBIT NO. _____
TAMPA ELECTRIC COMPANY
DOCKET NO. 050001-EI
(DRK-1)
DOCUMENT NO. 2

EXHIBIT TO THE TESTIMONY OF

DAVID R. KNAPP

DOCKET NO. 050001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2004 - DECEMBER 2004

TRUE-UP

DOCUMENT NO. 2

ACTUAL UNIT PERFORMANCE DATA

TAMPA ELECTRIC COMPANY
ACTUAL UNIT PERFORMANCE DATA
JANUARY 2004 - DECEMBER 2004
TABLE OF CONTENTS

ORIGINAL SHEET NO. 8.401.04A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2004 - DECEMBER 2004

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 04	FEB 04	MAR 04	APR 04	MAY 04	JUN 04	JUL 04	AUG 04	SEP 04	OCT 04	NOV 04	DEC 04	2004
1. EAF (%)	14.4	2.2	94.6	78.3	61.8	79.2	65.4	79.8	54.4	90.6	81.1	93.7	66.6
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0	720.0	744.0	8,784.0
3. SH	150.0	15.5	734.8	587.1	489.2	589.4	530.4	729.4	586.3	744.0	613.9	744.0	6,513.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	0.0	14.6
5. UH	594.0	680.5	9.2	131.9	254.9	130.6	213.6	0.0	133.7	1.0	106.2	0.0	2,255.7
6. POH	0.0	662.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	662.4
7. FOH	476.6	1.6	3.7	131.9	254.9	28.0	213.6	0.0	6.9	1.0	106.2	0.0	1,224.3
8. MOH	117.5	16.6	5.6	0.0	0.0	102.6	0.0	0.0	126.9	0.0	0.0	0.0	369.1
9. PFOH	139.6	0.0	43.1	45.2	103.1	42.0	163.9	694.3	704.1	293.6	78.9	139.7	2,447.6
10. LR PF (MW)	112.0	0.0	148.6	143.0	90.3	115.9	81.7	78.8	116.4	98.6	157.8	143.4	103.9
11. PMOH	10.3	0.0	34.0	18.5	16.3	13.5	23.8	34.7	0.0	0.0	0.0	0.0	150.9
12. LR PM (MW)	264.4	0.0	201.0	203.0	186.6	228.0	206.6	243.4	0.0	0.0	0.0	0.0	217.1
13. NSC (MW)	428.0	428.0	428.0	421.0	421.0	421.0	421.0	421.0	421.0	421.0	421.0	428.0	423.3
14. OPR BTU(GBTU)	414.7	36.8	2,455.3	1,979.0	1,647.7	2,049.6	1,822.0	2,472.3	1,664.0	2,394.2	2,183.6	2,725.1	21,844.2
15. NET GEN (MWH)	39,880.0	2,337.0	236,659.0	186,295.0	154,066.0	188,737.0	168,163.0	222,459.0	152,175.0	227,624.0	202,520.5	254,230.0	2,035,145.5
16. ANOHR (BTU/KWH)	10,397.7	15,765.6	10,375.0	10,622.8	10,694.7	10,859.3	10,834.5	11,113.3	10,935.1	10,518.2	10,762.0	10,719.0	10,733.0
17. NOF (%)	62.1	35.3	75.3	75.4	74.8	76.1	75.3	72.4	61.7	72.7	78.4	79.8	73.8
18. NPC (MW)	428.0	428.0	428.0	421.0	421.0	421.0	421.0	421.0	421.0	421.0	421.0	428.0	423.3
19. ANOHR EQUATION	ANOHR = NOF(	-32.945	) +	10,736.84									

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BIG BEND 2	JAN 04	FEB 04	MAR 04	APR 04	MAY 04	JUN 04	JUL 04	AUG 04	SEP 04	OCT 04	NOV 04	DEC 04	2004
1. EAF (%)	73.3	88.5	56.8	56.3	80.7	66.6	52.7	73.8	91.7	14.2	86.4	91.0	69.1
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0	720.0	744.0	8,784.0
3. SH	744.0	681.7	557.6	510.1	744.0	532.2	480.7	709.5	720.0	121.5	690.4	721.9	7,213.5
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	0.0	0.0	0.0	0.0	17.2
5. UH	0.0	14.3	186.4	208.9	0.0	187.9	263.3	17.3	0.0	623.5	29.6	22.1	1,553.3
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	623.5	28.4	0.0	651.9
7. FOH	0.0	14.3	0.0	12.4	0.0	86.8	263.3	17.3	0.0	0.0	1.2	22.1	417.4
8. MOH	0.0	0.0	186.4	196.5	0.0	101.0	0.0	0.0	0.0	0.0	0.0	0.0	483.9
9. PFOH	413.4	85.8	527.4	403.9	466.2	101.5	147.6	556.9	197.3	56.0	172.1	109.2	3,237.4
10. LR PF (MW)	178.3	177.1	102.4	92.0	120.5	150.2	132.7	75.9	107.5	115.0	163.6	177.2	120.0
11. PMOH	62.2	62.5	22.7	32.7	11.5	34.7	82.6	146.2	13.4	0.0	0.0	0.0	468.4
12. LR PM (MW)	199.9	211.8	191.3	186.5	254.6	186.3	205.0	210.7	241.3	0.0	0.0	0.0	205.9
13. NSC (MW)	433.0	433.0	433.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	433.0	418.3
14. OPR BTU(GBTU)	2,008.4	2,286.1	1,780.2	1,550.6	2,371.4	1,608.5	1,435.9	2,206.3	2,374.2	402.1	2,347.3	2,521.3	22,892.4
15. NET GEN (MWH)	187,359.0	212,055.0	171,696.0	148,509.0	222,298.0	148,509.0	134,849.0	198,761.0	218,615.0	36,836.0	227,035.5	248,552.0	2,155,074.5
16. ANOHR (BTU/KWH)	10,719.4	10,780.6	10,368.5	10,440.9	10,667.7	10,831.2	10,648.0	11,100.3	10,860.3	10,916.1	10,339.0	10,144.0	10,623.0
17. NOF (%)	58.2	71.8	71.1	70.8	72.7	67.9	68.2	68.2	73.9	73.8	80.0	79.5	71.4
18. NPC (MW)	433.0	433.0	433.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	411.0	433.0	418.3
19. ANOHR EQUATION	ANOHR = NOF(		-20.911	) +	9,992.20								

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BIG BEND 3	JAN 04	FEB 04	MAR 04	APR 04	MAY 04	JUN 04	JUL 04	AUG 04	SEP 04	OCT 04	NOV 04	DEC 04	2004
1. EAF (%)	96.4	62.7	59.3	86.9	57.8	83.8	67.8	73.8	75.8	52.1	29.4	60.2	67.2
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0	720.0	744.0	8,784.0
3. SH	736.6	540.1	623.1	697.9	459.2	707.6	650.3	651.4	700.4	661.2	286.9	487.5	7,202.1
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	7.4	155.9	120.9	21.1	284.9	12.4	93.7	92.7	19.6	83.8	433.1	256.5	1,581.9
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	433.1	256.5	689.6
7. FOH	7.4	0.0	68.8	21.1	0.0	12.4	0.0	4.5	4.0	0.0	0.0	0.0	118.3
8. MOH	0.0	155.9	52.1	0.0	284.9	0.0	93.7	88.1	15.6	83.8	0.0	0.0	774.0
9. PFOH	31.4	245.7	496.0	274.6	78.1	356.3	576.4	338.4	601.4	661.2	286.9	133.9	4,080.2
10. LR PF (MW)	215.3	185.0	141.8	104.1	119.8	87.7	89.8	85.9	105.4	177.0	111.7	129.9	123.1
11. PMOH	8.2	0.0	39.9	11.4	13.5	49.7	48.2	52.1	12.2	0.0	0.0	0.0	235.1
12. LR PM (MW)	197.3	0.0	237.1	236.5	222.0	266.7	222.1	282.7	241.6	0.0	0.0	0.0	248.3
13. NSC (MW)	438.0	438.0	438.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	438.0	431.3
14. OPR BTU(GBTU)	2,690.9	1,786.2	1,819.9	2,466.7	1,609.1	2,361.1	2,202.7	2,163.6	2,275.9	1,636.2	926.7	1,663.1	23,602.1
15. NET GEN (MWH)	257,990.0	166,314.0	170,017.0	229,949.0	152,765.0	220,203.0	204,087.0	199,051.0	204,755.0	148,666.0	85,220.5	160,360.0	2,199,377.5
16. ANOHR BTU/KWH	10,430.1	10,739.7	10,704.4	10,727.2	10,533.0	10,722.3	10,792.8	10,869.8	11,115.5	11,005.6	10,874.4	10,371.2	10,731.0
17. NOF (%)	80.0	70.3	62.3	77.0	77.7	72.7	73.3	71.4	68.3	52.5	69.4	75.1	70.8
18. NPC (MW)	438.0	438.0	438.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	428.0	438.0	431.3
19. ANOHR EQUATION	ANOHR = NOF(		-28.979	) +	10,278.22								

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BIG BEND 4	JAN 04	FEB 04	MAR 04	APR 04	MAY 04	JUN 04	JUL 02	AUG 04	SEP 04	OCT 04	NOV 04	DEC 04	2004
1. EAF (%)	81.1	87.9	96.7	65.0	87.6	89.5	88.8	85.7	50.1	81.3	84.3	52.7	79.3
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0	720.0	744.0	8,784.0
3. SH	629.1	637.5	732.4	544.8	741.6	720.0	744.0	715.3	427.4	739.4	720.0	521.6	7,873.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	0.0	0.0	0.0	0.0	20.2
5. UH	114.9	58.5	11.6	174.2	2.4	0.0	0.0	8.5	292.6	5.6	0.0	222.4	890.8
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	3.4	0.0	11.6	70.4	2.4	0.0	0.0	8.5	292.6	5.6	0.0	222.4	617.0
8. MOH	111.5	58.5	0.0	103.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	273.9
9. PFOH	92.6	9.8	1.2	67.8	124.2	655.4	728.6	694.0	306.0	739.4	720.0	516.9	4,655.7
10. LR PF (MW)	102.1	124.3	130.1	296.0	82.1	42.5	45.8	55.3	94.2	81.8	71.1	115.3	73.2
11. PMOH	10.3	57.0	26.1	82.0	198.3	28.4	15.0	20.7	5.2	0.0	0.0	0.0	442.9
12. LR PM (MW)	234.1	183.7	220.8	182.7	153.1	226.3	279.0	290.7	282.5	0.0	0.0	0.0	185.3
13. NSC (MW)	460.0	460.0	460.0	452.0	452.0	452.0	452.0	452.0	452.0	452.0	452.0	460.0	454.7
14. OPR BTU(GBTU)	2,373.5	2,566.2	2,789.0	1,832.3	2,674.8	2,835.4	2,952.3	2,784.0	1,498.2	2,671.8	2,701.6	1,709.5	29,388.7
15. NET GEN (MWH)	226,298.0	243,548.0	266,889.0	161,796.0	251,038.0	256,929.0	262,938.1	247,187.0	135,051.0	246,835.0	246,733.5	156,725.0	2,701,967.6
16. ANOHR BTU/KWH	10,488.5	10,536.8	10,449.9	11,324.8	10,654.9	11,035.6	11,228.1	11,262.9	11,094.0	10,824.4	10,949.6	10,907.9	10,877.0
17. NOF (%)	78.2	83.1	79.2	65.7	74.9	78.9	78.2	76.5	69.9	73.9	75.8	65.3	75.5
18. NPC (MW)	460.0	460.0	460.0	452.0	452.0	452.0	452.0	452.0	452.0	452.0	452.0	460.0	454.7
19. ANOHR EQUATION	ANOHR = NOF(		-51.316	) +	10,271.96								

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POLK 1	JAN 04	FEB 04	MAR 04	APR 04	MAY 04	JUN 04	JUL 02	AUG 04	SEP 04	OCT 04	NOV 04	DEC 04	2004
1. EAF (%)	95.0	71.8	87.4	98.4	95.2	89.2	84.2	91.3	90.3	95.5	94.4	92.4	90.5
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0	745.0	720.0	744.0	8,784.0
3. SH	574.7	502.4	693.3	744.1	736.0	672.4	742.6	754.2	455.0	651.4	605.1	666.5	7,797.6
4. RSH	132.0	193.1	41.1	(34.7)	(5.4)	32.6	(5.1)	(14.2)	222.2	79.7	95.3	63.3	799.9
5. UH	37.4	0.5	9.6	9.6	13.4	15.0	6.5	4.1	42.9	13.9	19.6	14.2	186.5
6. POH	0.0	195.5	83.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	279.3
7. FOH	26.4	0.5	9.6	1.8	11.8	3.9	6.5	3.3	42.9	13.9	18.6	13.2	152.4
8. MOH	10.9	0.0	0.0	7.8	1.5	11.1	0.0	0.8	0.0	0.0	1.0	1.0	34.1
9. PFOH	0.0	0.0	0.0	37.0	480.6	585.1	720.5	728.0	394.3	626.9	452.4	389.8	4,414.6
10. LR PF (MW)	0.0	0.0	0.0	11.8	11.9	27.5	39.2	21.2	17.3	7.8	11.8	28.0	21.3
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) **	260.0	260.0	260.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	260.0	256.7
14. OPR BTU(GBTU)	1,196.9	1,236.3	1,466.7	1,633.2	1,634.4	1,403.5	1,583.8	1,642.7	990.0	1,491.8	1,355.5	1,430.3	17,065.1
15. NET GEN (MWH)	121,575.0	116,723.0	148,840.0	164,781.0	170,292.0	137,271.0	150,553.0	160,682.0	91,673.0	145,727.0	134,926.0	144,235.0	1,687,278.0
16. ANOHR BTU/KWH	9,845.3	10,592.1	9,853.9	9,911.6	9,597.4	10,224.3	10,520.1	10,223.1	10,799.3	10,236.9	10,046.4	9,916.1	10,114.0
17. NOF (%)	82.1	89.6	83.1	88.0	91.0	81.2	79.8	83.9	80.3	88.1	88.0	83.5	84.3
18. NPC (MW) **	260.0	260.0	260.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	255.0	260.0	256.7
19. ANOHR EQUATION	ANOHR = NOF(		-37.017	) +	10,569.39								

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