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April 2, 2007

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. 070001-EI

Dear Ms. Bayo:

Enclosed for filing in the above docket on behalf of Tampa Electric Company are the original and fifteen (15) copies of each of the following:

1. Prepared Direct Testimony and Exhibit DRK-1 of David R. Knapp regarding Generating Performance Incentive Factor True-Up for the period January 2006 through December 2006.

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 2006 through December 2006.

CMP
COM 5
CTR Orig
ECR 9
GCL 1
OPC
RCA 1
SCR
SGA
SEC
OTH

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.

RECEIVED & FILED
FPSC-BUREAU OF RECORDS

Sincerely,

James D. Beasley

JDB/pp
Enclosures

cc: All parties of record (w/encls.)

Wehle
DOCUMENT NUMBER-DATE
02857 APR-2 07
FPSC-COMMISSION CLERK

Knapp
DOCUMENT NUMBER-DATE
02856 APR-2 07
FPSC-COMMISSION CLERK

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Testimony and Exhibits of David R. Knapp and Joann T. Wehle has been furnished by U. S. Mail or hand delivery (*) on this 2nd day of April 2007 to the following:

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ORIGINAL

TAMPA ELECTRIC

BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 070001-EI

IN RE: FUEL & PURCHASED POWER COST RECOVERY

AND

CAPACITY COST RECOVERY

GENERATING PERFORMANCE INCENTIVE FACTOR

TRUE-UP

JANUARY 2006 THROUGH DECEMBER 2006

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 Operations Planning area of 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 led a team that provides engineering and technical support in the development of Tampa Electric's integrated resource planning process and business planning activities. In December 2006, I transferred to the Operations Planning area of the Resource Planning department, where I provide engineering and technical support for the daily operations of Tampa Electric's generating facilities.

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 2006 through December 2006. 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, I prepared Exhibit No. _____ (DRK-1), consisting of two documents. Document No. 1, entitled "Tampa Electric Company, Generating Performance Incentive Factor, January 2006 - December 2006, 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 2006 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 2006 through December 2006 period?

A. Yes, I have. This is shown on Document No. 1, page 4 of 28. Based upon 2.617 GPIF points, the result is a reward amount of $1,439,819 for the period.

Q. Please proceed with your review of the actual results for the January 2006 through December 2006 period.

A. On Document No. 1, page 3 of 28, the actual average common equity for the period is shown on line 14 as $1,399,297,816. This produces the maximum penalty or

reward amount of $5,501,411 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 for 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 28, 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 28. 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, 1,344.0 planned outage hours were originally scheduled for 2006. Actual outage activities required 1,621.4 planned outage hours. Consequently, the actual equivalent availability of 55.2% is adjusted to 57.4% as shown on Document No. 1, page 7 of 28.

Big Bend Unit No. 2

On this unit, 336.0 planned outage hours were originally scheduled for 2006. Actual outage activities required 0.0 planned outage hours. Consequently, the actual equivalent availability of 82.8% is adjusted to 79.7% as shown on Document No. 1, page 8 of 28.

Big Bend Unit No. 3

On this unit, 840.0 planned outage hours were originally scheduled for 2006. Actual outage activities required 695.7 planned outage hours. Consequently, the actual equivalent availability of 61.9% is adjusted to 60.8% as shown on Document No. 1, page 9 of 28.

Big Bend Unit No. 4

On this unit, 504.0 planned outage hours were originally scheduled for 2006. Actual outage activities required 728.3 planned outage hours. Consequently, the actual

equivalent availability of 74.7% is adjusted to 76.7% as shown on Document No. 1, page 10 of 28.

Polk Unit No. 1

On this unit, 384.1 planned outage hours were originally scheduled for 2006. Actual outage activities required 1,054.6 planned outage hours. Consequently, the actual equivalent availability of 78.8% is adjusted to 85.6%, as shown on Document No. 1, page 11 of 28.

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 28, column 4. This number is entered into the respective Generating Performance Incentive Point ("GPIP") table for each particular unit on pages 22 of 28 through 26 of 28. Page 4 of 28 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 28. 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 28. The heat rate value is entered into the respective GPIP table for the particular unit, shown on pages 22 of 28 through 26 of 28. Page 4 of 28 summarizes the weighted heat rate and equivalent availability points to be awarded.

Q. What is the overall GPIP for Tampa Electric for the January 2006 through December 2006 period?

A. This is shown on Document No. 1, page 28 of 28. Essentially, the weighting factors shown on page 4 of 28, column 3, plus the equivalent availability points and the heat rate points shown on page 4 of 28, column 4, are substituted within the equation. The resulting value, 2.617, is then entered into the GPIF table on page 2 of 28. Using linear interpolation, the reward amount is $1,439,819.

Q. Does this conclude your testimony?

A. Yes, it does.

DOCKET NO. 070001-EI
GPIF 2006 TRUE-UP
EXHIBIT DRK-1

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2006 - DECEMBER 2006

DOCKET NO. 070001-EI
GPIF 2006 TRUE-UP
EXHIBIT DRK-1

GENERATING PERFORMANCE INCENTIVE FACTOR

INDEX

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2	Actual Unit Performance Data	40

EXHIBIT TO THE TESTIMONY OF

DAVID R. KNAPP

DOCKET NO. 070001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2006 - DECEMBER 2006

TRUE-UP

DOCUMENT NO. 1

GPIF SCHEDULES

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2006 - DECEMBER 2006
TRUE-UP

SCHEDULE	PAGE
GPIF REWARD / PENALTY TABLE - ACTUAL	2
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TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE - ACTUAL
JANUARY 2006 - DECEMBER 2006

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) ($000)	GENERATING PERFORMANCE INCENTIVE FACTOR ($000)
+10	47,304.8	5,501.4
+9	42,574.3	4,951.3
+8	37,843.8	4,401.1
+7	33,113.4	3,851.0
+6	28,382.9	3,300.8
+5	23,652.4	2,750.7
+4	18,921.9	2,200.6
+3	14,191.4	1,650.4
+2	9,461.0	1,100.3
+1	4,730.5	550.1
0	0.0	0.0
-1	(7,868.1)	(550.1)
-2	(15,736.3)	(1,100.3)
-3	(23,604.4)	(1,650.4)
-4	(31,472.6)	(2,200.6)
-5	(39,340.7)	(2,750.7)
-6	(47,208.9)	(3,300.8)
-7	(55,077.0)	(3,851.0)
-8	(62,945.2)	(4,401.1)
-9	(70,813.3)	(4,951.3)
-10	(78,681.5)	(5,501.4)

GPI POINTS 2.617 ← | → **REWARD DOLLARS $1,439,819**

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
JANUARY 2006 - DECEMBER 2006

Line 1	Beginning of period balance of common equity: End of month common equity:		$	1,397,064,560
Line 2	Month of January	2006	$	1,365,249,995
Line 3	Month of February	2006	$	1,372,165,914
Line 4	Month of March	2006	$	1,379,626,548
Line 5	Month of April	2006	$	1,372,714,617
Line 6	Month of May	2006	$	1,386,926,221
Line 7	Month of June	2006	$	1,402,697,771
Line 8	Month of July	2006	$	1,393,886,891
Line 9	Month of August	2006	$	1,415,659,121
Line 10	Month of September	2006	$	1,430,971,591
Line 11	Month of October	2006	$	1,386,239,722
Line 12	Month of November	2006	$	1,443,027,575
Line 13	Month of December	2006	$	1,444,641,084
Line 14	(Summation of line 1 through line 13 divided by 13)		$	1,399,297,816
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)		$	5,699,251
Line 18	Jurisdictional Sales			19,020,146 MWH
Line 19	Total Sales			19,704,144 MWH
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)			96.53%
Line 21	**Maximum Allowed Jurisdictional Incentive Dollars (line 17 times line 20)**		**$**	**5,501,411**

TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
JANUARY 2006 - DECEMBER 2006

PLANT / UNIT	12 MONTH ADJ. ACTUAL PERFORMANCE		WEIGHTING FACTOR %	UNIT POINTS	WEIGHTED UNIT POINTS
BIG BEND 1	57.4%	EAF	12.33%	-6.268	-0.773
BIG BEND 2	79.7%	EAF	11.47%	6.116	0.702
BIG BEND 3	60.8%	EAF	19.05%	6.285	1.197
BIG BEND 4	76.7%	EAF	13.62%	10.000	1.362
POLK 1	85.6%	EAF	10.20%	10.000	1.020
BIG BEND 1	11,058	ANOHR	5.49%	-3.237	-0.178
BIG BEND 2	10,451	ANOHR	5.89%	0.000	0.000
BIG BEND 3	11,130	ANOHR	6.45%	-2.046	-0.132
BIG BEND 4	11,103	ANOHR	8.49%	-6.841	-0.581
POLK 1	10,442	ANOHR	7.00%	0.000	0.000
			100.00%		2.617

GPIF REWARD	**$ 1,439,819**

TAMPA ELECTRIC COMPANY
GPIF TARGET AND RANGE SUMMARY

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	WEIGHTING FACTOR (%)	EAF TARGET (%)	EAF MAX. (%)	EAF RANGE MIN. (%)	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	EAF ADJUSTED ACTUAL (%)	ACTUAL FUEL SAVINGS/ LOSS ($000)
BIG BEND 1	12.33%	63.6	68.6	53.7	5,832.8	(12,556.3)	57.4%	(3,655.7)
BIG BEND 2	11.47%	77.3	81.2	69.3	5,426.4	(11,122.1)	79.7%	3,318.9
BIG BEND 3	19.05%	56.2	63.5	41.6	9,010.8	(16,752.4)	60.8%	10,529.4
BIG BEND 4	13.62%	71.9	76.6	62.4	6,443.0	(12,663.9)	76.7%	12,663.9
POLK 1	10.20%	60.3	67.6	45.8	4,825.5	(9,820.5)	85.6%	9,820.5
GPIF SYSTEM	**66.67%**				**31,538.5**	**(62,915.2)**		

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	5.49%	10,841	75.9	10,327	11,355	2,597.3	(2,597.3)	11,058	(840.9)
BIG BEND 2	5.89%	10,510	84.2	10,074	10,947	2,786.9	(2,786.9)	10,451	0.0
BIG BEND 3	6.45%	10,923	69.1	10,205	11,641	3,053.2	(3,053.2)	11,130	(624.8)
BIG BEND 4	8.49%	10,672	81.6	10,077	11,267	4,018.3	(4,018.3)	11,103	(2,749.0)
POLK 1	7.00%	10,497	88.9	9,330	11,664	3,310.5	(3,310.5)	10,442	0.0
GPIF SYSTEM	**33.33%**					**15,766.3**	**(15,766.3)**		

TAMPA ELECTRIC COMPANY
UNIT PERFORMANCE DATA - ACTUAL
JANUARY 2006 - DECEMBER 2006

PLANT / UNIT	ACTUAL EAF (%)	ADJUSTMENTS (1) TO EAF (%)	EAF ADJUSTED ACTUAL (%)
BIG BEND 1	55.2	2.2	57.4
BIG BEND 2	82.8	-3.1	79.7
BIG BEND 3	61.9	-1.1	60.8
BIG BEND 4	74.7	2.0	76.7
POLK 1	78.8	6.8	85.6

PLANT / UNIT	ACTUAL ANOHR (Btu/kwh)	ADJUSTMENTS (2) TO ANOHR (Btu/kwh)	ANOHR ADJUSTED ACTUAL (Btu/kwh)
BIG BEND 1	11,069	-11	11,058
BIG BEND 2	10,395	56	10,451
BIG BEND 3	10,817	313	11,130
BIG BEND 4	11,149	-46	11,103
POLK 1	10,473	-31	10,442

(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 2006 - DECEMBER 2006

WEIGHTING FACTOR = 12.33%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	63.6	55.2	57.4
POH	1,344.0	1,621.4	1,344.0
FOH + EFOH	1,452.3	1,811.2	1,881.6
MOH + EMOH	389.7	489.5	508.5
POF	15.3	18.5	15.3
EFOF	16.6	20.7	21.5
EMOF	4.4	5.6	5.8

-6.268 **EQUIVALENT AVAILABILITY POINTS**

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1344}{8760 - 1621.4} \times (1811.2 + 489.5) = 2390.1$$

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

$$100 - 15.3 - \frac{2390.1}{8760.0} \times 100 = 57.4$$

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. 2
JANUARY 2006 - DECEMBER 2006

WEIGHTING FACTOR = 11.47%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	77.3	82.8	79.7
POH	336.0	0.0	336.0
FOH + EFOH	1,286.2	1,242.4	1,194.7
MOH + EMOH	368.6	263.5	253.4
POF	3.8	0.0	3.8
EFOF	14.7	14.2	13.6
EMOF	4.2	3.0	2.9
	6.116	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 336}{8760 - 0} \times (1242.4 + 263.5) = 1448.1$$

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

$$100 - 3.8 - \frac{1448.1}{8760.0} \times 100 = 79.7$$

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 2006 - DECEMBER 2006

WEIGHTING FACTOR = 19.05%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	56.2	61.9	60.8
POH	840.0	695.7	840.0
FOH + EFOH	2,558.8	2,205.4	2,165.9
MOH + EMOH	438.3	436.2	428.4
POF	9.6	7.9	9.6
EFOF	29.2	25.2	24.7
EMOF	5.0	5.0	4.9
	6.285	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 840}{8760 - 695.7} \times (2205.4 + 436.2) = 2594.3$$

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

$$100 - 9.6 - \frac{2594.3}{8760.0} \times 100 = 60.8$$

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 2006 - DECEMBER 2006

WEIGHTING FACTOR = 13.62%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	71.9	74.7	76.7
POH	504.0	728.3	504.0
FOH + EFOH	1,930.8	1,271.8	1,307.3
MOH + EMOH	29.2	217.6	223.7
POF	5.8	8.3	5.8
EFOF	22.0	14.5	14.9
EMOF	0.3	2.5	2.6
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 504}{8760 - 728.3} \times (1271.8 + 217.6) = 1531.0$$

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

$$100 - 5.8 - \frac{1531.0}{8760.0} \times 100 = 76.7$$

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 2006 - DECEMBER 2006

WEIGHTING FACTOR = 10.20%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	60.3	78.8	85.6
POH	384.1	1,054.6	384.1
FOH + EFOH	2,984.6	597.5	649.5
MOH + EMOH	106.1	208.8	227.0
POF	4.4	12.0	4.4
EFOF	34.1	6.8	7.4
EMOF	1.2	2.4	2.6
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 384}{8760 - 1054.6} \times (597.5 + 208.8) = 876.5$$

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

$$100 - 4.4 - \frac{876.5}{8760.0} \times 100 = 85.6$$

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 2006 - DECEMBER 2006

WEIGHTING FACTOR = 5.49%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (BTU/KWH)	10,841	11,069
NET GENERATION (GWH)	2,007.8	1,860.9
OPERATING BTU (10^9)	21,766.1	20,599.1
NET OUTPUT FACTOR	75.9	75.4

-3.237 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-20.61) + 12405.19 = ANOHR

75.4 * (-20.61) + 12405.19 = 10,852

11,069 - 10,852 = 217

10,841 + 217 = 11,058 ← 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 2006 - DECEMBER 2006

WEIGHTING FACTOR = 5.89%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (BTU/KWH)	10,510	10,395
NET GENERATION (GWH)	2,582.9	2,727.6
OPERATING BTU (10^9)	27,146.5	28,353.8
NET OUTPUT FACTOR	84.2	87.2

0.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-18.22) + 12043.31 = ANOHR

87.2 * (-18.22) + 12043.31 = 10,455

10,395 - 10,455 = (60)

10,510 + (60) = 10,451 ← 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 2006 - DECEMBER 2006

WEIGHTING FACTOR = 6.45%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (BTU/KWH)	10,923	10,817
NET GENERATION (GWH)	1,601.7	2,155.2
OPERATING BTU (10^9)	17,496.5	23,313.0
NET OUTPUT FACTOR	69.1	74.2

-2.046 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-60.84) + 15124.77 = ANOHR

74.2 * (-60.84) + 15124.77 = 10,611

10,817 - 10,611 = 206

10,923 + 206 = 11,130 ← 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 2006 - DECEMBER 2006

WEIGHTING FACTOR = 8.49%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (BTU/KWH)	10,672	11,149
NET GENERATION (GWH)	2,605.1	2,677.2
OPERATING BTU (10^9)	27,802.0	29,847.2
NET OUTPUT FACTOR	81.6	78.8

-6.841 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-16.29) + 12001.29 = ANOHR

78.8 * (-16.29) + 12001.29 = 10,718

11,149 - 10,718 = 431

10,672 + 431 = 11,103 ← 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 2006 - DECEMBER 2006

WEIGHTING FACTOR = 7.00%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (BTU/KWH)	10,497	10,473
NET GENERATION (GWH)	1,162.3	1,588.8
OPERATING BTU (10^9)	12,201.2	16,640.3
NET OUTPUT FACTOR	88.9	86.7

0.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF*(-14.06) + 11747.01 = ANOHR

86.7 * (-14.06) + 11747.01 = 10,528

10,473 - 10,528 = (55)

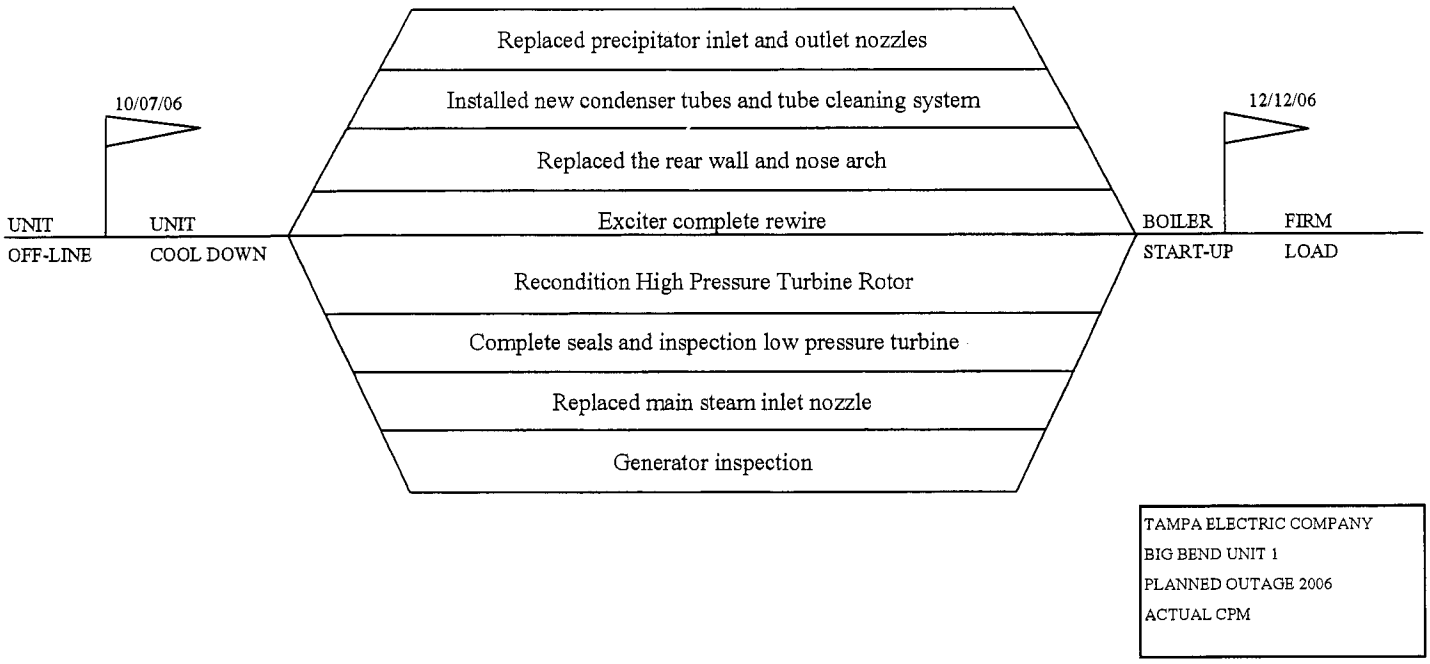
10,497 + (55) = 10,442 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

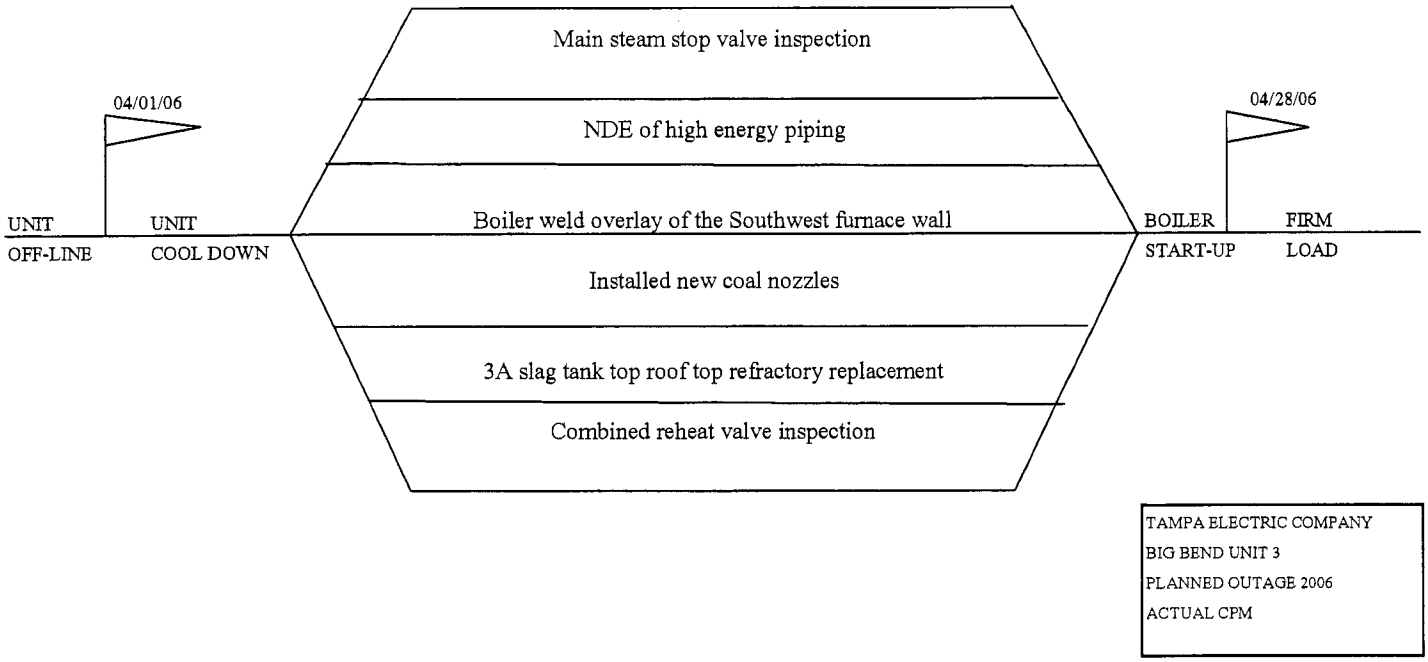
TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ACTUAL)
GPIF UNITS
JANUARY 2006 - DECEMBER 2006

PLANT / UNIT	PLANNED OUTAGE DATES	OUTAGE DESCRIPTION
BIG BEND 1	Oct 07 - Dec 12	CP - High Pressure rotor at first and then converted to the exciter at the end of the outage. Other jobs worked include the following: High pressure turbine replaced the 2 control stage blades, main steam inlet nozzle, blade replacement in the reaction stage, complete seals and inspection, intermediate pressure turbine complete seals and inspection, low pressure turbine complete seals and inspection, generator inspection, exciter complete rewire, turbine valve remove and inspection. Work in the boiler includes the following: Replaced rear wall and nose arch, both north and south burner fronts, both north and south windboxes, UT inspection of the boiler and NDE of high energy piping, BOP - 6th point heater, new condenser tubes and tube cleaning system, new coal feeders, precipitator inlet and outlet nozzle replacement.
BIG BEND 3	Apr 01 - Apr 28	CP - Boiler weld overlay of the southwest furnace wall. Other jobs worked during this outage include: new coal nozzles, NDE of high energy piping, 3A slag tank top roof top refractory, main steam stop valve and combined reheat valve inspection.
BIG BEND 4	Feb 11 - Mar 14	CP - Weld overlay of the furnace walls (5,000 Sq Ft). Other jobs worked during this outage include: 4C mill roller replacement, 4D Southwest burner rebuild, UT inspection of the furnace side tubes, economizer restub (100) high energy piping replacement, 4B circulating water pump and motor remove and inspection.
POLK 1	Apr 13 May 26	Gasifier refractory replacement. Radiant syngas cooler tube additions and repairs to steam dump valves, waterwall and sootblower box. Gasifier fuel booster pump. Repaired superheater tube in heat recovery steam generator. Replaced compressor discharge casing. Steam turbine inspection.

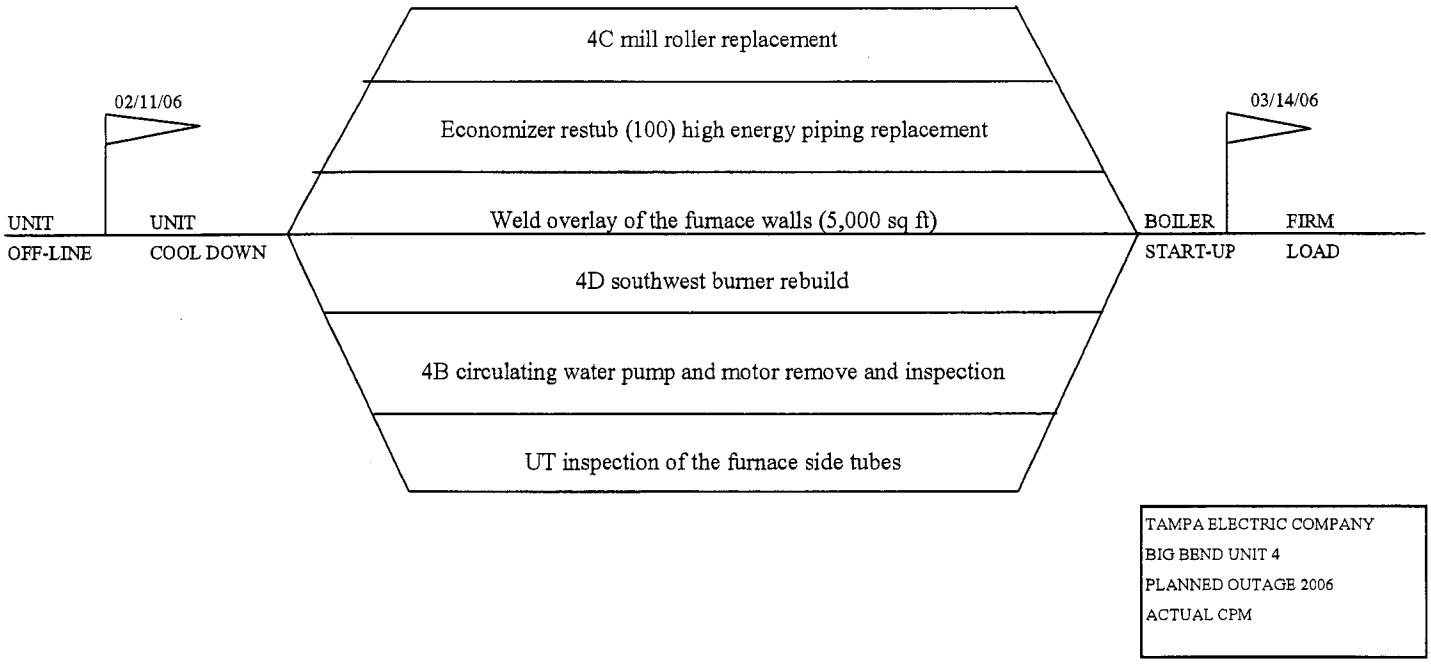
TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2006 - DECEMBER 2006



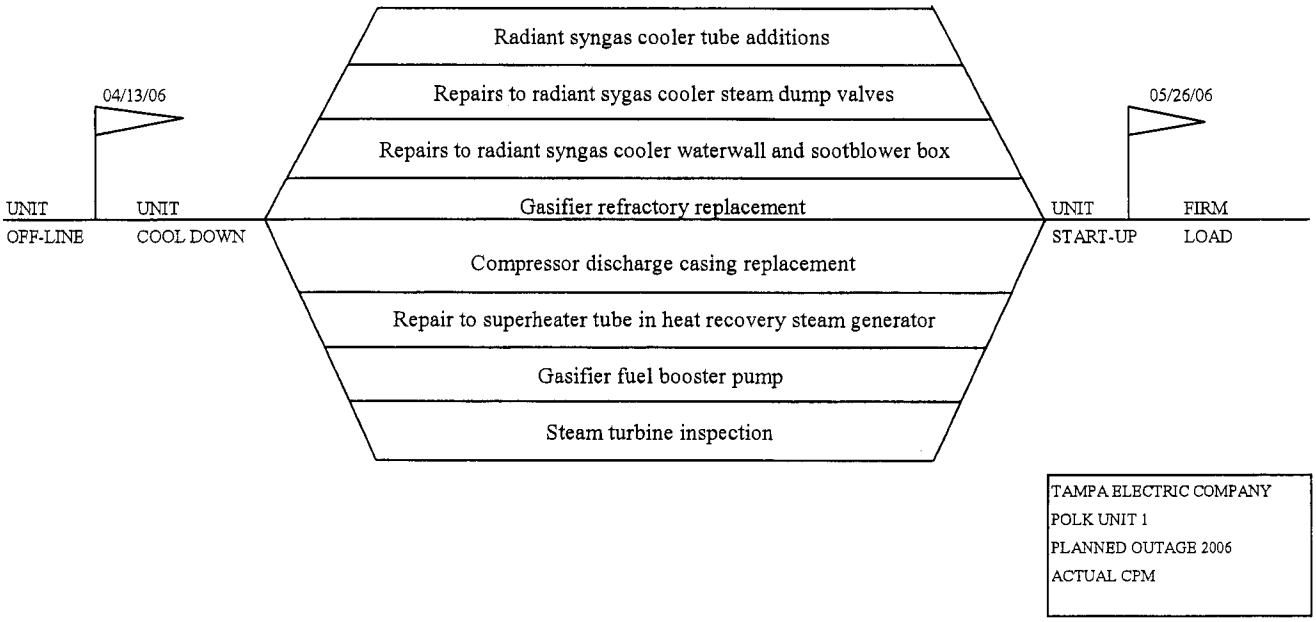
TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2006 - DECEMBER 2006



TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2006 - DECEMBER 2006



TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2006 - DECEMBER 2006



TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2006 - DECEMBER 2006

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	5,832.8	68.6	+10	2,597.3	10,327
+9	5,249.5	68.1	+9	2,337.6	10,371
+8	4,666.2	67.6	+8	2,077.9	10,415
+7	4,083.0	67.1	+7	1,818.1	10,459
+6	3,499.7	66.6	+6	1,558.4	10,502
+5	2,916.4	66.1	+5	1,298.7	10,546
+4	2,333.1	65.6	+4	1,038.9	10,590
+3	1,749.8	65.1	+3	779.2	10,634
+2	1,166.6	64.6	+2	519.5	10,678
+1	583.3	64.1	+1	259.7	10,722
					10,766
0	0.0	63.6	0	0.0	10,841
					10,916
-1	(1,255.6)	62.6	-1	(259.7)	10,960
-2	(2,511.3)	61.6	-2	(519.5)	11,004
-3	(3,766.9)	60.6	-3	(779.2)	11,048
-4	(5,022.5)	59.7	-4	(1,038.9)	11,091
-5	(6,278.1)	58.7	-5	(1,298.7)	11,135
-6	(7,533.8)	57.7	-6	(1,558.4)	11,179
-7	(8,789.4)	56.7	-7	(1,818.1)	11,223
-8	(10,045.0)	55.7	-8	(2,077.9)	11,267
-9	(11,300.7)	54.7	-9	(2,337.6)	11,311
-10	(12,556.3)	53.7	-10	(2,597.3)	11,355

EAF POINTS **-6.268**

Adjusted EAF **57.4**

AHR POINTS **-3.237**

Adjusted ANOHR **11,058**

Weighting Factor = 12.33%

Weighting Factor = 5.49%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2006 - DECEMBER 2006

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	5,426.4	81.2	+10	2,786.9	10,074
+9	4,883.8	80.8	+9	2,508.2	10,110
+8	4,341.1	80.4	+8	2,229.5	10,146
+7	3,798.5	80.1	+7	1,950.9	10,182
+6 ← EAF POINTS 6.116	3,255.8	Adjusted EAF 79.7 → 79.7	+6	1,672.2	10,218
+5	2,713.2	79.3	+5	1,393.5	10,254
+4	2,170.6	78.9	+4	1,114.8	10,291
+3	1,627.9	78.5	+3	836.1	10,327
+2	1,085.3	78.1	+2	557.4	10,363
+1	542.6	77.7	+1	278.7	10,399
					10,435
0	0.0	77.3	0 ← AHR POINTS 0.000	0.0	Adjusted ANOHR 10,451 → 10,510
					10,585
-1	(1,112.2)	76.5	-1	(278.7)	10,621
-2	(2,224.4)	75.7	-2	(557.4)	10,658
-3	(3,336.6)	74.9	-3	(836.1)	10,694
-4	(4,448.8)	74.1	-4	(1,114.8)	10,730
-5	(5,561.0)	73.3	-5	(1,393.5)	10,766
-6	(6,673.3)	72.5	-6	(1,672.2)	10,802
-7	(7,785.5)	71.7	-7	(1,950.9)	10,838
-8	(8,897.7)	70.9	-8	(2,229.5)	10,874
-9	(10,009.9)	70.1	-9	(2,508.2)	10,911
-10	(11,122.1)	69.3	-10	(2,786.9)	10,947

Weighting Factor = 11.47%

Weighting Factor = 5.89%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2006 - DECEMBER 2006

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	9,010.8	63.5	+10	3,053.2	10,205
+9	8,109.7	62.8	+9	2,747.8	10,270
+8	7,208.6	62.1	+8	2,442.5	10,334
+7	6,307.6	61.3	+7	2,137.2	10,398
+6	5,406.5	60.6	+6	1,831.9	10,463
+5	4,505.4	59.9	+5	1,526.6	10,527
+4	3,604.3	59.1	+4	1,221.3	10,591
+3	2,703.2	58.4	+3	915.9	10,656
+2	1,802.2	57.7	+2	610.6	10,720
+1	901.1	56.9	+1	305.3	10,784
					10,848
0	0.0	56.2	0	0.0	10,923
					10,998
-1	(1,675.2)	54.7	-1	(305.3)	11,063
-2	(3,350.5)	53.3	-2	(610.6)	11,127
-3	(5,025.7)	51.8	-3	(915.9)	11,191
-4	(6,701.0)	50.3	-4	(1,221.3)	11,256
-5	(8,376.2)	48.9	-5	(1,526.6)	11,320
-6	(10,051.4)	47.4	-6	(1,831.9)	11,384
-7	(11,726.7)	45.9	-7	(2,137.2)	11,448
-8	(13,401.9)	44.5	-8	(2,442.5)	11,513
-9	(15,077.2)	43.0	-9	(2,747.8)	11,577
-10	(16,752.4)	41.6	-10	(3,053.2)	11,641

EAF POINTS **6.285** ← | Adjusted EAF **60.8** →

AHR POINTS **-2.046** ← | Adjusted ANOHR **11,130** →

Weighting Factor = 19.05%

Weighting Factor = 6.45%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2006 - DECEMBER 2006

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
	EAF POINTS 10.000		Adjusted EAF 76.7						
+10	←	6,443.0	→	76.6	+10		4,018.3		10,077
+9		5,798.7		76.2	+9		3,616.5		10,129
+8		5,154.4		75.7	+8		3,214.7		10,181
+7		4,510.1		75.2	+7		2,812.8		10,233
+6		3,865.8		74.7	+6		2,411.0		10,285
+5		3,221.5		74.3	+5		2,009.2		10,337
+4		2,577.2		73.8	+4		1,607.3		10,389
+3		1,932.9		73.3	+3		1,205.5		10,441
+2		1,288.6		72.8	+2		803.7		10,493
+1		644.3		72.3	+1		401.8		10,545
									10,597
0		0.0		71.9	0		0.0		10,672
									10,747
-1		(1,266.4)		70.9	-1		(401.8)		10,799
-2		(2,532.8)		70.0	-2		(803.7)		10,851
-3		(3,799.2)		69.0	-3		(1,205.5)		10,903
-4		(5,065.6)		68.1	-4		(1,607.3)		10,955
-5		(6,331.9)		67.1	-5		(2,009.2)		11,007
-6		(7,598.3)		66.2	-6	AHR POINTS -6.841	(2,411.0)	Adjusted ANOHR 11,103	11,059
-7		(8,864.7)		65.2	-7	←	(2,812.8)	→	11,111
-8		(10,131.1)		64.3	-8		(3,214.7)		11,163
-9		(11,397.5)		63.3	-9		(3,616.5)		11,215
-10		(12,663.9)		62.4	-10		(4,018.3)		11,267

Weighting Factor = 13.62%

Weighting Factor = 8.49%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2006 - DECEMBER 2006

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	EAF POINTS 10.000	4,825.5	Adjusted EAF 85.6	67.6	+10		3,310.5		9,330
+9		4,343.0		66.9	+9		2,979.5		9,439
+8		3,860.4		66.2	+8		2,648.4		9,549
+7		3,377.9		65.4	+7		2,317.4		9,658
+6		2,895.3		64.7	+6		1,986.3		9,767
+5		2,412.8		64.0	+5		1,655.3		9,876
+4		1,930.2		63.2	+4		1,324.2		9,985
+3		1,447.7		62.5	+3		993.2		10,095
+2		965.1		61.8	+2		662.1		10,204
+1		482.6		61.1	+1		331.1		10,313
									10,422
0		0.0		60.3	0	AHR POINTS 0.000	0.0	Adjusted ANOHR 10,442	10,497
									10,572
-1		(982.1)		58.9	-1		(331.1)		10,681
-2		(1,964.1)		57.4	-2		(662.1)		10,791
-3		(2,946.2)		56.0	-3		(993.2)		10,900
-4		(3,928.2)		54.5	-4		(1,324.2)		11,009
-5		(4,910.3)		53.1	-5		(1,655.3)		11,118
-6		(5,892.3)		51.6	-6		(1,986.3)		11,227
-7		(6,874.4)		50.2	-7		(2,317.4)		11,336
-8		(7,856.4)		48.7	-8		(2,648.4)		11,446
-9		(8,838.5)		47.2	-9		(2,979.5)		11,555
-10		(9,820.5)		45.8	-10		(3,310.5)		11,664

Weighting Factor = 10.20%

Weighting Factor = 7.00%

TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD JAN 06 - DEC 06 POF	EUOF	EUOR	ACTUAL PERFORMANCE JAN 06 - DEC 06 POF	EUOF	EUOR
BIG BEND 1	12.33%	18.5%	15.3	21.0	24.8	18.5	26.3	32.2
BIG BEND 2	11.47%	17.2%	3.8	18.9	19.6	0.0	17.2	17.2
BIG BEND 3	19.05%	28.6%	9.6	34.2	37.8	7.9	30.2	32.8
BIG BEND 4	13.62%	20.4%	5.8	22.4	23.7	8.3	17.0	18.5
POLK 1	10.20%	15.3%	4.4	35.3	36.9	12.0	9.2	10.5
GPIF SYSTEM	**66.67%**	**100.0%**	**8.1**	**26.9**	**29.3**	**9.2**	**21.3**	**23.7**

GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%) **65.0** **69.5**

3 PERIOD AVERAGE POF	EUOF	EUOR	3 PERIOD AVERAGE EAF
6.1	**25.8**	**27.4**	**68.1**

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET HEAT RATE JAN 06 - DEC 06	ADJUSTED ACTUAL HEAT RATE JAN 06 - DEC 06
BIG BEND 1	5.49%	16.5%	10,841	11,058
BIG BEND 2	5.89%	17.7%	10,510	10,451
BIG BEND 3	6.45%	19.4%	10,923	11,130
BIG BEND 4	8.49%	25.5%	10,672	11,103
POLK 1	7.00%	21.0%	10,497	10,442
GPIF SYSTEM	**33.33%**	**100.0%**		

GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh) **10,683** **10,847**

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
JANUARY 2006 - DECEMBER 2006

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 =	12.33%	*	(BB 1 EAP)	+	11.47%	*	(BB 2 EAP)	+	19.05%	*	(BB 3 EAP)
+	13.62%	*	(BB 4 EAP)	+							
+	10.20%	*	(PK 1 EAP)	+	5.49%	*	(BB 1 AHRP)	+	5.89%	*	(BB 2 AHRP)
+	6.45%	*	(BB 3 AHRP)	+	8.49%	*	(BB 4 AHRP)	+			
+				+	7.00%	*	(PK 1 AHRP)				

GPIP =	12.33%	*	-6.268	+	11.47%	*	6.116	+	19.05%	*	6.285
+	13.62%	*	10.000	+				+			
+	10.20%	*	10.000	+	5.49%	*	-3.237	+	5.89%	*	0.000
+	6.45%	*	-2.046	+	8.49%	*	-6.841	+			
+				+	7.00%	*	0.000				

GPIP =	-0.773	+	0.702	+	1.197
+	1.362	+	0.000	+	0.000
+	1.020	+	-0.178	+	0.000
+	-0.132	+	-0.581	+	0.000
+	0.000	+	0.000		

GPIP = 2.617 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 = $1,439,819

EXHIBIT TO THE TESTIMONY OF

DAVID R. KNAPP

DOCKET NO. 070001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2006 - DECEMBER 2006

TRUE-UP

DOCUMENT NO. 2

ACTUAL UNIT PERFORMANCE DATA

ORIGINAL SHEET NO. 8.401.06A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2006 - DECEMBER 2006

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 06	FEB 06	MAR 06	APR 06	MAY 06	JUN 06	JUL 06	AUG 06	SEP 06	OCT 06	NOV 06	DEC 06	2006
1. EAF (%)	73.4	51.1	75.3	85.6	64.2	71.3	64.0	47.7	78.4	15.5	0.0	36.6	55.2
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	699.2	452.6	637.7	719.0	577.4	648.9	611.1	474.1	720.0	146.3	0.0	317.5	6,003.9
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	44.8	219.4	106.3	0.0	166.7	71.1	132.9	269.9	0.0	598.7	720.0	426.5	2,756.1
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	598.7	720.0	302.7	1,621.4
7. FOH	16.8	123.0	106.3	0.0	166.7	71.1	7.8	269.9	0.0	0.0	0.0	123.8	885.3
8. MOH	28.0	96.4	0.0	0.0	0.0	0.0	125.1	0.0	0.0	0.0	0.0	0.0	249.5
9. PFOH	671.0	442.3	631.6	661.0	530.9	594.7	543.0	429.2	661.0	141.3	0.0	304.9	5,610.9
10. LR PF (MW)	82.6	96.4	48.1	45.2	57.5	68.0	68.2	85.1	72.2	80.8	0.0	61.0	67.8
11. PMOH	32.6	10.4	6.1	63.0	46.4	54.1	68.2	44.9	59.0	5.1	0.0	0.0	389.7
12. LR PM (MW)	231.0	211.1	248.5	203.2	227.8	282.7	272.3	278.6	276.1	272.4	0.0	0.0	253.1
13. NSC (MW)	411	411	411	411	411	411	411	411	411	411	411	411	411
14. OPR BTU(GBTU)	2,179.8	1,408.3	2,305.9	2,689.6	2,081.6	2,150.7	2,047.0	1,579.4	2,474.5	525.9	0.0	1,156.3	20,599.1
15. NET GEN (MWH)	203,426	128,337	213,552	241,557	185,664	196,328	181,812	137,553	219,697	46,321	0	106,667	1,860,915
16. ANOHR (BTU/KWH)	10,715	10,974	10,798	11,135	11,212	10,955	11,259	11,482	11,263	11,353	0	10,840	11,069
17. NOF (%)	70.8	69.0	81.5	81.7	78.2	73.6	72.4	70.6	74.2	77.0	0.0	81.7	75.4
18. NPC (MW)	411	411	411	411	411	411	411	411	411	411	411	411	411

DOCKET NO. 070001-EI
GPIF 2006 ACTUAL UNIT PERFORMANCE DATA
EXHIBIT DRK-1, DOC. 2, PAGE 1 OF 5

ORIGINAL SHEET NO. 8.401.06A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2006 - DECEMBER 2006

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 06	FEB 06	MAR 06	APR 06	MAY 06	JUN 06	JUL 06	AUG 06	SEP 06	OCT 06	NOV 06	DEC 06	2006
1. EAF (%)	93.1	84.8	91.4	69.6	92.2	75.2	96.2	92.0	51.2	77.9	72.4	95.8	82.8
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	744.0	584.4	744.0	582.0	736.2	584.3	744.0	732.2	506.1	745.0	554.8	744.0	8,001.1
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	0.0	87.6	0.0	137.0	7.8	135.7	0.0	11.8	213.9	0.0	165.2	0.0	758.9
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	0.0	0.0	0.0	0.0	7.8	135.7	0.0	11.8	213.9	0.0	165.2	0.0	534.3
8. MOH	0.0	87.6	0.0	137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224.6
9. PFOH	352.3	577.8	548.3	575.7	730.6	296.6	160.4	620.0	506.1	736.1	549.8	421.2	6,074.8
10. LR PF (MW)	54.8	7.7	37.1	52.7	25.6	56.2	39.6	30.0	106.1	85.8	24.0	28.8	45.6
11. PMOH	391.3	6.6	18.9	6.3	5.6	0.0	20.5	0.0	0.0	7.8	0.0	0.0	457.1
12. LR PM (MW)	2.3	198.5	245.3	228.9	162.1	0.0	235.9	0.0	0.0	152.6	0.0	0.0	33.3
13. NSC (MW)	391	391	391	391	391	391	391	391	391	391	391	391	391
14. OPR BTU(GBTU)	2,574.1	2,220.4	2,597.9	1,943.6	2,703.5	2,169.1	2,838.4	2,775.7	1,514.6	2,327.5	2,024.6	2,664.3	28,353.8
15. NET GEN (MWH)	252,579	216,742	254,463	188,185	262,277	207,185	273,031	260,943	142,137	220,423	195,720	253,907	2,727,592
16. ANOHR (BTU/KWH)	10,191	10,245	10,209	10,328	10,308	10,470	10,396	10,637	10,656	10,559	10,344	10,493	10,395
17. NOF (%)	86.8	94.8	87.5	82.7	91.1	90.7	93.9	91.1	71.8	75.7	90.2	87.3	87.2
18. NPC (MW)	391	391	391	391	391	391	391	391	391	391	391	391	391

19. ANOHR EQUATION ANOHR = NOF(-12.783) + 11,130

ORIGINAL SHEET NO. 8.401.06A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2006 - DECEMBER 2006

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 06	FEB 06	MAR 06	APR 06	MAY 06	JUN 06	JUL 06	AUG 06	SEP 06	OCT 06	NOV 06	DEC 06	2006
1. EAF (%)	78.7	77.2	79.6	1.2	63.7	65.6	63.0	51.3	76.9	49.4	81.4	56.4	61.9
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	716.3	672.0	741.4	23.3	603.9	562.5	580.5	503.8	693.9	517.0	670.5	624.4	6,909.5
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	27.7	0.0	2.6	695.7	140.1	157.5	163.5	240.2	26.1	228.0	49.5	119.6	1,850.5
6. POH	0.0	0.0	0.0	695.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	695.7
7. FOH	27.7	0.0	2.6	0.0	140.1	157.5	163.5	46.8	26.1	122.8	49.5	119.6	856.1
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	193.5	0.0	105.3	0.0	0.0	298.7
9. PFOH	663.9	608.5	695.0	22.0	588.5	548.5	571.3	487.8	666.6	513.4	648.3	624.4	6,638.1
10. LR PF (MW)	68.0	86.4	78.8	255.1	85.6	63.1	78.1	94.5	77.7	119.9	48.5	141.9	85.4
11. PMOH	52.4	63.5	44.0	1.3	15.4	14.0	9.3	16.0	27.3	0.0	22.2	0.0	265.3
12. LR PM (MW)	219.1	218.2	223.1	375.5	219.4	199.8	167.5	284.2	231.5	0.0	160.5	0.0	217.8
13. NSC (MW)	433	433	433	414	414	414	414	414	414	414	414	433	420
14. OPR BTU(GBTU)	2,412.5	2,326.0	2,519.5	36.5	1,972.2	1,988.5	2,064.2	1,669.3	2,388.7	1,617.2	2,391.8	1,926.5	23,313.0
15. NET GEN (MWH)	225,773	214,486	233,956	3,461	184,588	185,392	189,783	150,751	218,934	147,686	227,275	173,066	2,155,150
16. ANOHR BTU/KWH	10,686	10,844	10,769	10,550	10,685	10,726	10,877	11,073	10,911	10,950	10,524	11,132	10,817
17. NOF (%)	72.8	73.7	72.9	35.9	73.8	79.6	79.0	72.3	76.2	69.0	81.9	64.0	74.2
18. NPC (MW)	433	433	433	414	414	414	414	414	414	414	414	433	420

19. ANOHR EQUATION ANOHR = NOF(-42.211) + 13,320

ORIGINAL SHEET NO. 8.401.06A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2006 - DECEMBER 2006

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 06	FEB 06	MAR 06	APR 06	MAY 06	JUN 06	JUL 06	AUG 06	SEP 06	OCT 06	NOV 06	DEC 06	2006
1. EAF (%)	83.4	31.9	52.4	93.8	76.1	85.7	73.5	85.6	83.1	85.2	59.5	82.5	74.7
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	671.0	240.3	414.3	719.0	655.8	720.0	663.2	744.0	699.4	743.8	464.8	673.3	7,408.7
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	73.0	411.3	329.7	0.0	88.2	0.0	80.8	0.0	20.6	1.2	255.3	70.7	1,330.9
6. POH	0.0	411.3	317.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	728.3
7. FOH	72.5	0.0	12.8	0.0	88.2	0.0	80.8	0.0	20.6	1.2	255.3	70.7	602.1
8. MOH	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
9. PFOH	485.9	240.3	327.3	686.3	635.9	666.7	593.9	683.0	635.7	709.0	464.8	673.3	6,802.0
10. LR PF (MW)	39.6	89.0	32.7	24.7	55.1	47.1	54.2	43.9	42.5	55.4	35.6	40.7	45.2
11. PMOH	14.1	0.0	3.6	32.2	19.9	49.4	69.3	61.0	63.7	34.9	0.0	0.0	348.0
12. LR PM (MW)	289.9	0.0	196.8	110.8	302.0	315.2	304.1	309.2	300.8	302.3	0.0	0.0	286.1
13. NSC (MW)	462	462	462	457	457	457	457	457	457	457	457	462	459
14. OPR BTU(GBTU)	2,761.8	889.7	1,671.7	3,126.5	2,528.3	2,734.2	2,498.5	3,004.7	2,756.8	2,964.1	2,001.5	2,909.5	29,847.2
15. NET GEN (MWH)	251,103	72,670	151,694	287,968	228,884	247,663	215,560	266,512	243,347	270,241	180,613	260,905	2,677,159
16. ANOHR BTU/KWH	10,999	12,243	11,020	10,857	11,046	11,040	11,591	11,274	11,329	10,968	11,082	11,152	11,149
17. NOF (%)	81.0	65.4	79.3	87.6	76.4	75.3	71.1	78.4	76.1	79.5	85.0	83.9	78.8
18. NPC (MW)	462	462	462	457	457	457	457	457	457	457	457	462	459

19. ANOHR EQUATION ANOHR = NOF(-32.626) + 12,906

DOCKET NO. 070001-EI
GPIF 2006 ACTUAL UNIT PERFORMANCE DATA
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ORIGINAL SHEET NO. 8.401.06A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2006 - DECEMBER 2006

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
POLK 1	JAN 06	FEB 06	MAR 06	APR 06	MAY 06	JUN 06	JUL 06	AUG 06	SEP 06	OCT 06	NOV 06	DEC 06	2006
1. EAF (%)	91.2	93.8	94.9	38.6	10.8	95.9	90.2	95.9	87.6	69.5	94.2	83.8	78.8
2. PH	744	672	744	719	744	720	744	744	720	745	720	744	8,760
3. SH	667.8	637.8	744.0	290.3	84.8	709.9	692.6	744.0	667.2	576.8	666.6	659.3	7,141.0
4. RSH	21.5	32.6	0.0	5.3	0.0	0.0	32.3	0.0	0.0	0.0	53.3	0.0	145.0
5. UH	54.7	1.5	0.0	423.4	659.2	10.1	19.2	0.0	52.8	168.2	0.1	84.8	1,474.0
6. POH	0.0	0.0	0.0	423.4	612.0	0.0	19.2	0.0	0.0	0.0	0.0	0.0	1,054.6
7. FOH	0.0	1.5	0.0	0.0	47.3	10.1	0.0	0.0	1.7	168.2	0.1	1.4	230.2
8. MOH	54.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.1	0.0	0.0	83.4	189.2
9. PFOH	0.9	124.8	353.4	30.1	37.0	271.0	745.8	767.0	681.2	698.9	304.8	659.9	4,674.7
10. LR PF (MW)	63.9	83.3	28.0	77.2	30.8	18.0	18.4	10.1	13.6	21.5	34.6	14.2	20.2
11. PMOH	34.6	0.0	0.0	138.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	173.1
12. LR PM (MW)	80.0	0.0	0.0	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0
13. NSC (MW) **	260	260	260	255	255	255	255	255	255	255	255	260	257
14. OPR BTU(GBTU)	1,617.2	1,560.8	1,566.6	655.8	192.0	1,765.8	1,612.9	1,794.5	1,530.3	1,237.1	1,482.5	1,624.8	16,640.3
15. NET GEN (MWH)	161,559	151,558	161,152	57,549	6,863	168,182	148,918	177,075	147,837	107,989	147,130	153,026	1,588,838
16. ANOHR BTU/KWH	10,010	10,298	9,721	11,396	27,982	10,499	10,831	10,134	10,351	11,456	10,076	10,618	10,473
17. NOF (%)	93.1	91.4	83.3	77.7	31.7	92.9	84.3	93.3	86.9	73.4	86.6	89.3	86.7
18. NPC (MW) **	260	260	260	255	255	255	255	255	255	255	255	260	257

19. ANOHR EQUATION ANOHR = NOF(-8.7647) + 11,223

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GPIF 2006 ACTUAL UNIT PERFORMANCE DATA
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