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April 3, 2008

HAND DELIVERED

RECEIVED-FPSC
08 APR -3 AM 11:45
COMMISSION
CLERK

Ms. Ann Cole, Director
Division of Commission Clerk
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. 080001-EI

Dear Ms. Cole:

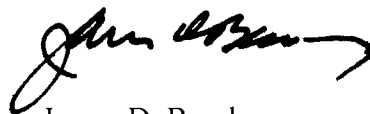
Enclosed for filing in the above docket on behalf of Tampa Electric Company are the original and fifteen (15) copies of each of the following:

1. Prepared Direct Testimony and Exhibit (DRK-1) of David R. Knapp regarding Generating Performance Incentive Factor True-Up for the period January 2007 through December 2007.
2. Prepared Direct Testimony of Joann T. Wehle regarding Tampa Electric company's risk management and hedging activities for the period January 2007 through December 2007.

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

MP 1
 OM 5
 TR 1
 CR
 ICL 1
 JPC
 JCA 1
 SCR
 SGA
 SEC
 OTH

JDB/pp
Enclosures

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

Joann T. Wehle
02585-08

David R. Knapp
DOCUMENT NUMBER-DATE

02584 APR-3 08

FPSC-COMMISSION CLERK

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Testimony of David R. Knapp and Joann T. Wehle has been furnished by U. S. Mail or hand delivery (*) on this 3rd day of April 2008 to the following:

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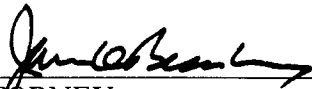
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ATTORNEY



BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 080001-EI
IN RE: FUEL & PURCHASED POWER COST RECOVERY
AND
CAPACITY COST RECOVERY

GENERATING PERFORMANCE INCENTIVE FACTOR
TRUE-UP
JANUARY 2007 THROUGH DECEMBER 2007

TESTIMONY AND EXHIBIT
OF
DAVID R. KNAPP

DOCUMENT NUMBER-DATE

02584 APR-3 8

FPSC-COMMISSION CLERK

1 BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

2 PREPARED DIRECT TESTIMONY

3 OF

4 DAVID R. KNAPP

5
6 **Q.** Please state your name, business address, occupation and
7 employer.

8
9 **A.** My name is David R. Knapp. My business address is 702 N.
10 Franklin Street, Tampa, Florida 33602. I am employed by
11 Tampa Electric Company ("Tampa Electric" or "company") as a
12 Supervisor in the Operations Planning area of the Resource
13 Planning Department.

14
15 **Q.** Please provide a brief outline of your educational
16 background and business experience.

17
18 **A.** I received a Bachelor of Marine Engineering degree in 1986
19 from the Maine Maritime Academy and a Master of Business
20 Administration from the University of Tampa in 2002. Prior
21 to joining Tampa Electric, I worked in the areas of
22 operations engineering and management. In January 1996, I
23 joined Tampa Electric and worked in field operations and
24 power plant engineering. In April 2000, I transferred to
25 the Resource Planning department, where I led a team that

1 provides engineering and technical support in the
2 development of Tampa Electric's integrated resource
3 planning process and business planning activities. In
4 December 2006, I transferred to the Operations Planning
5 area of the Resource Planning, and in September 2007, I was
6 promoted to Supervisor. I provide engineering and
7 technical support for the daily operations of Tampa
8 Electric's generating facilities.

9
10 **Q.** What is the purpose of your testimony?

11
12 **A.** The purpose of my testimony is to present Tampa Electric's
13 actual performance results from unit equivalent availability
14 and station heat rate used to determine the GPIF for the
15 period January 2007 through December 2007. I will also
16 compare these results to the targets established prior to
17 the beginning of the period.

18
19 **Q.** Have you prepared an exhibit to support your testimony?

20
21 **A.** Yes, I prepared Exhibit No. _____ (DRK-1), consisting of two
22 documents. Document No. 1, entitled "Tampa Electric Company,
23 Generating Performance Incentive Factor, January 2007 -
24 December 2007 True-up" is consistent with the GPIF
25 Implementation Manual previously approved by the Commission.

1 In addition, Document No. 2 provides the company's Actual
2 Unit Performance Data for the 2007 period.

3
4 **Q.** Which generating units on Tampa Electric's system are
5 included in the determination of the GPIF?

6
7 **A.** Four of the company's coal-fired units, one integrated
8 gasification combined cycle unit and one natural gas
9 combined cycle unit are included. These are Big Bend Units
10 1 through 4, Polk Unit 1 and Bayside Unit 1.

11
12 **Q.** Have you calculated the results of Tampa Electric's
13 performance under the GPIF during the January 2007 through
14 December 2007 period?

15
16 **A.** Yes, I have. This is shown on Document No. 1, page 4 of 30.
17 Based upon -1.482 GPIF points, the result is a penalty
18 amount of \$849,634 for the period.

19
20 **Q.** Please proceed with your review of the actual results for
21 the January 2007 through December 2007 period.

22
23 **A.** On Document No. 1, page 3 of 30, the actual average common
24 equity for the period is shown on line 14 as \$1,459,328,846.
25 This produces the maximum penalty or reward amount of

1 \$5,731,699 as shown on line 21.

2

3 **Q.** Will you please explain how you arrived at the actual
4 equivalent availability results for the six units included
5 within the GPIF?

6

7 **A.** Yes. Operating data for each of the units is filed monthly
8 with the Commission on the Actual Unit Performance Data
9 form. Additionally, outage information is reported to the
10 Commission on a monthly basis. A summary of this data for
11 the 12 months provides the basis for the GPIF.

12

13 **Q.** Are the equivalent availability results shown on Document
14 No. 1, page 6 of 30, column 2, directly applicable to the
15 GPIF table?

16

17 **A.** No. Adjustments to equivalent availability may be required
18 as noted in section 4.3.3 of the GPIF Manual. The actual
19 equivalent availability including the required adjustment is
20 shown on Document No. 1, page 6 of 30. The necessary
21 adjustments as prescribed in the GPIF Manual are further
22 defined by a letter dated October 23, 1981, from Mr. J. H.
23 Hoffsis of the Commission's Staff. The adjustments for each
24 unit are as follows:

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Big Bend Unit No. 1

On this unit, 336.0 planned outage hours were originally scheduled for 2007. Actual outage activities required 0.0 planned outage hours. Consequently, the actual equivalent availability of 76.3 percent is adjusted to 73.4 percent as shown on Document No. 1, page 7 of 30.

Big Bend Unit No. 2

On this unit, 504.0 planned outage hours were originally scheduled for 2007. Actual outage activities required 218.8 planned outage hours. Consequently, the actual equivalent availability of 79.5 percent is adjusted to 76.8 percent as shown on Document No. 1, page 8 of 30.

Big Bend Unit No. 3

On this unit, 744.0 planned outage hours were originally scheduled for 2007. Actual outage activities required 1,033.8 planned outage hours. Consequently, the actual equivalent availability of 46.5 percent is adjusted to 48.2 percent as shown on Document No. 1, page 9 of 30.

Big Bend Unit No. 4

On this unit, 2,136.0 planned outage hours were originally scheduled for 2007. Actual outage activities required 2,368.0 planned outage hours. Consequently, the actual

1 equivalent availability of 53.2 percent is adjusted to 55.1
2 percent as shown on Document No. 1, page 10 of 30.

3
4 **Polk Unit No. 1**

5 On this unit, 288.0 planned outage hours were originally
6 scheduled for 2007. Actual outage activities required 356.3
7 planned outage hours. Consequently, the actual equivalent
8 availability of 85.0 percent is adjusted to 85.6 percent, as
9 shown on Document No. 1, page 11 of 30.

10
11 **Bayside Unit No. 1**

12 On this unit, 840.0 planned outage hours were originally
13 scheduled for 2007. Actual outage activities required
14 1,007.3 planned outage hours. Consequently, the actual
15 equivalent availability of 85.2 percent is adjusted to 87.0
16 percent, as shown on Document No. 1, page 12 of 30.

17
18 **Q.** How did you arrive at the applicable equivalent availability
19 points for each unit?

20
21 **A.** The final adjusted equivalent availabilities for each unit
22 are shown on Document No. 1, page 6 of 30, column 4. This
23 number is entered into the respective Generating Performance
24 Incentive Point ("GPIP") table for each particular unit on
25 pages 13 of 30 through 18 of 30. Page 4 of 30 summarizes

1 the equivalent availability points to be awarded or
2 penalized.

3

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

6

7 **A.** The actual heat rate and adjusted actual heat rate for Tampa
8 Electric's six GPIF units are shown on Document No. 1, page
9 6 of 30. The adjustment was developed based on the
10 guidelines of section 4.3.16 of the GPIF Manual. This
11 procedure is further defined by a letter dated October 23,
12 1981, from Mr. J. H. Hoffsis of the FPSC Staff. The final
13 adjusted actual heat rates are also shown on page 5 of 30.
14 The heat rate value is entered into the respective GPIF
15 table for the particular unit, shown on pages 13 of 30
16 through 18 of 30. Page 4 of 30 summarizes the weighted heat
17 rate and equivalent availability points to be awarded.

18

19 **Q.** What is the overall GPIF for Tampa Electric for the January
20 2007 through December 2007 period?

21

22 **A.** This is shown on Document No. 1, page 2 of 30. Essentially,
23 the weighting factors shown on page 4 of 30, column 3, plus
24 the equivalent availability points and the heat rate points
25 shown on page 4 of 30, column 4, are substituted within the

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equation. The resulting value, -1.482, is then entered into the GPIF table on page 2 of 30. Using linear interpolation, the penalty amount is \$849,634.

Q. Does this conclude your testimony?

A. Yes, it does.

GENERATING PERFORMANCE INCENTIVE FACTOR

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EXHIBIT TO THE TESTIMONY OF
DAVID R. KNAPP

DOCKET NO. 080001-EI

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2007 - DECEMBER 2007
TRUE-UP

DOCUMENT NO. 1
GPIF SCHEDULES

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2007 - DECEMBER 2007
TRUE-UP
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**TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE FACTOR
 REWARD / PENALTY TABLE - ACTUAL
 JANUARY 2007 - DECEMBER 2007**

<u>GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)</u>	<u>FUEL SAVINGS / (LOSS) (\$000)</u>	<u>GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)</u>
+10	58,301.7	5,731.7
+9	52,471.5	5,158.5
+8	46,641.4	4,585.4
+7	40,811.2	4,012.2
+6	34,981.0	3,439.0
+5	29,150.9	2,865.8
+4	23,320.7	2,292.7
+3	17,490.5	1,719.5
+2	11,660.3	1,146.3
+1	5,830.2	573.2
0	0.0	0.0
-1	(7,276.0)	(573.2)
-2	(14,552.0)	(1,146.3)
-3	(21,828.0)	(1,719.5)
-4	(29,104.0)	(2,292.7)
-5	(36,380.0)	(2,865.8)
-6	(43,655.9)	(3,439.0)
-7	(50,931.9)	(4,012.2)
-8	(58,207.9)	(4,585.4)
-9	(65,483.9)	(5,158.5)
-10	(72,759.9)	(5,731.7)



**TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE FACTOR
 CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
 JANUARY 2007 - DECEMBER 2007**

Line 1	Beginning of period balance of common equity:		\$	1,444,641,000	
	End of month common equity:				
Line 2	Month of January	2007	\$	1,419,422,000	
Line 3	Month of February	2007	\$	1,426,115,000	
Line 4	Month of March	2007	\$	1,433,442,000	
Line 5	Month of April	2007	\$	1,438,727,000	
Line 6	Month of May	2007	\$	1,436,117,000	
Line 7	Month of June	2007	\$	1,452,031,000	
Line 8	Month of July	2007	\$	1,471,160,000	
Line 9	Month of August	2007	\$	1,473,607,000	
Line 10	Month of September	2007	\$	1,489,394,000	
Line 11	Month of October	2007	\$	1,505,749,000	
Line 12	Month of November	2007	\$	1,448,183,000	
Line 13	Month of December	2007	\$	1,532,687,000	
Line 14	(Summation of line 1 through line 13 divided by 13)		\$	1,459,328,846	
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)		\$	5,943,754	
Line 18	Jurisdictional Sales			19,531,775	MWH
Line 19	Total Sales			20,254,391	MWH
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)			96.43%	
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 times line 20)		\$	5,731,699	

TAMPA ELECTRIC COMPANY
 CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
 JANUARY 2007 - DECEMBER 2007

<u>PLANT / UNIT</u>	<u>12 MONTH ADJ. ACTUAL PERFORMANCE</u>		<u>WEIGHTING FACTOR %</u>	<u>UNIT POINTS</u>	<u>WEIGHTED UNIT POINTS</u>
BIG BEND 1	73.4%	EAF	12.26%	10.000	1.226
BIG BEND 2	76.8%	EAF	7.12%	0.777	0.055
BIG BEND 3	48.2%	EAF	17.13%	-6.312	-1.081
BIG BEND 4	55.1%	EAF	13.00%	-4.946	-0.643
POLK 1	85.6%	EAF	5.59%	-7.473	-0.418
BAYSIDE 1	87.0%	EAF	0.40%	10.000	0.040
BIG BEND 1	11159	ANOHR	5.12%	-2.671	-0.137
BIG BEND 2	10466	ANOHR	4.08%	0.000	0.000
BIG BEND 3	10929	ANOHR	7.30%	1.030	0.075
BIG BEND 4	11325	ANOHR	6.27%	-7.335	-0.460
POLK 1	10684	ANOHR	7.27%	-1.930	-0.140
BAYSIDE 1	7313	ANOHR	<u>14.46%</u>	0.000	<u>0.000</u>
			100.00%		-1.482

GPIF PENALTY	\$ (849,634)
--------------	--------------

TAMPA ELECTRIC COMPANY
 GPIF TARGET AND RANGE SUMMARY

EQUIVALENT AVAILABILITY (%)

<u>PLANT / UNIT</u>	<u>WEIGHTING FACTOR (%)</u>	<u>EAF TARGET (%)</u>	<u>EAF MAX. (%)</u>	<u>RANGE MIN. (%)</u>	<u>MAX. FUEL SAVINGS (\$000)</u>	<u>MAX. FUEL LOSS (\$000)</u>	<u>EAF ADJUSTED ACTUAL (%)</u>	<u>ACTUAL FUEL SAVINGS/ LOSS (\$000)</u>
BIG BEND 1	12.26%	60.69	68.0	46.1	7,147.5	(9,639.5)	73.4%	9,639.5
BIG BEND 2	7.12%	76.50	80.3	68.8	4,148.5	(4,937.8)	76.8%	383.6
BIG BEND 3	17.13%	57.36	64.6	42.9	9,984.3	(15,386.3)	48.2%	(9,711.9)
BIG BEND 4	13.00%	59.49	63.9	50.6	7,576.5	(11,725.7)	55.1%	(5,799.3)
POLK 1	5.59%	88.35	90.2	84.7	3,260.8	(2,475.3)	85.6%	(1,849.9)
BAYSIDE 1	<u>0.40%</u>	81.02	83.4	76.3	<u>233.5</u>	<u>(2,644.7)</u>	87.0%	2,644.7
GPIF SYSTEM	55.49%				32,351.1	(46,809.3)		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

<u>PLANT / UNIT</u>	<u>WEIGHTING FACTOR (%)</u>	<u>ANOHR (Btu/kwh)</u>	<u>TARGET NOF (%)</u>	<u>ANOHR TARGET RANGE</u>		<u>MAX. FUEL SAVINGS (\$000)</u>	<u>MAX. FUEL LOSS (\$000)</u>	<u>ACTUAL ADJUSTED ANOHR</u>	<u>ACTUAL FUEL SAVINGS/ LOSS (\$000)</u>
				<u>MIN.</u>	<u>MAX.</u>				
BIG BEND 1	5.12%	10,971	71.1	10,474	11,468	2,986.9	(2,986.9)	11,159	(797.7)
BIG BEND 2	4.08%	10,484	83.8	10,123	10,844	2,380.9	(2,380.9)	10,466	0.0
BIG BEND 3	7.30%	11,090	64.2	10,182	11,998	4,258.0	(4,258.0)	10,929	438.8
BIG BEND 4	6.27%	10,828	82.6	10,177	11,478	3,657.3	(3,657.3)	11,325	(2,682.5)
POLK 1	7.27%	10,428	85.8	9,417	11,440	4,237.1	(4,237.1)	10,684	(817.9)
BAYSIDE 1	<u>14.46%</u>	7,378	84.7	7,101	7,655	<u>8,430.3</u>	<u>(8,430.3)</u>	7,313	0.0
	44.51%					25,950.6	(25,950.6)		

**TAMPA ELECTRIC COMPANY
 UNIT PERFORMANCE DATA - ACTUAL
 JANUARY 2007 - DECEMBER 2007**

<u>PLANT / UNIT</u>	<u>ACTUAL EAF (%)</u>	<u>ADJUSTMENTS (1) TO EAF (%)</u>	<u>EAF ADJUSTED ACTUAL (%)</u>
BIG BEND 1	76.3	-2.9	73.4
BIG BEND 2	79.5	-2.7	76.8
BIG BEND 3	46.5	1.7	48.2
BIG BEND 4	53.2	1.9	55.1
POLK 1	85.0	0.6	85.6
BAYSIDE 1	85.2	1.8	87.0

<u>PLANT / UNIT</u>	<u>ACTUAL ANOHR (Btu/kwh)</u>	<u>ADJUSTMENTS (2) TO ANOHR (Btu/kwh)</u>	<u>ANOHR ADJUSTED ACTUAL (Btu/kwh)</u>
BIG BEND 1	10,761	398	11,159
BIG BEND 2	10,404	62	10,466
BIG BEND 3	10,788	141	10,929
BIG BEND 4	11,439	(114)	11,325
POLK 1	10,671	13	10,684
BAYSIDE 1	7,310	3	7,313

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

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

TAMPA ELECTRIC COMPANY
 ADJUSTMENTS TO PERFORMANCE
 BIG BEND UNIT NO. 1
 JANUARY 2007 - DECEMBER 2007

WEIGHTING FACTOR ■ 12.26%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8,760.0	8,760.0	8,760.0
EAF	60.7	76.3	73.4
POH	336.0	0.0	336.0
FOH + EFOH	2,737.3	1,781.7	1,713.4
MOH + EMOH	370.1	296.1	284.7
POF	3.8	0.0	3.8
EFOF	31.2	20.3	19.6
EMOF	4.2	3.4	3.3

10.000 EQUIVALENT AVAILABILITY POINTS

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 336}{8760 - 0} \times (1781.7 + 296.1) = 1998.1$$

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

$$100 - 3.8 - \frac{1998.1}{8760.0} \times 100 = 73.4$$

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 2007 - DECEMBER 2007

WEIGHTING FACTOR = 7.12%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8,760.0	8,760.0	8,760.0
EAF	76.5	79.5	76.8
POH	504.0	218.8	504.0
FOH + EFOH	1,269.6	1,247.1	1,205.5
MOH + EMOH	284.9	327.7	316.8
POF	5.8	2.5	5.8
EFOF	14.5	14.2	13.8
EMOF	3.3	3.7	3.6

0.777 EQUIVALENT AVAILABILITY POINTS

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 504}{8760 - 218.8} \times (1247.1 + 327.7) = 1522.2$$

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

$$100 - 5.8 - \frac{1522.2}{8760.0} \times 100 = 76.8$$

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. 3
 JANUARY 2007 - DECEMBER 2007

WEIGHTING FACTOR = 17.13%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8,760.0	8,760.0	8,760.0
EAF	57.4	46.5	48.2
POH	744.0	1,033.8	744.0
FOH + EFOH	2,641.3	2,562.3	2,658.4
MOH + EMOH	350.2	1,090.3	1,131.2
POF	8.5	11.8	8.5
EFOF	30.2	29.3	30.3
EMOF	4.0	12.4	12.9

-6.312 EQUIVALENT AVAILABILITY POINTS

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 744}{8760 - 1033.8} \times (2562.3 + 1090.3) = 3789.6$$

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

$$100 - 8.5 - \frac{3789.6}{8760.0} \times 100 = 48.2$$

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. 4
 JANUARY 2007 - DECEMBER 2007

WEIGHTING FACTOR = 13.00%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8,760.0	8,760.0	8,760.0
EAF	59.5	53.2	55.1
POH	2,136.0	2,368.0	2,136.0
FOH + EFOH	1,128.8	1,383.8	1,434.0
MOH + EMOH	283.6	350.9	363.6
POF	24.4	27.0	24.4
EFOF	12.9	15.8	16.4
EMOF	3.2	4.0	4.2

-4.946 EQUIVALENT AVAILABILITY POINTS

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 2136}{8760 - 2368} \times (1383.8 + 350.9) = 1,797.7$$

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

$$100 - 24.4 - \frac{1797.7}{8760.0} \times 100 = 55.1$$

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
 POLK UNIT NO. 1
 JANUARY 2007 - DECEMBER 2007

WEIGHTING FACTOR = 5.59%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8,760.0	8,760.0	8,760.0
EAF	88.4	85.0	85.6
POH	288.0	356.3	288.0
FOH + EFOH	506.7	731.6	737.5
MOH + EMOH	225.7	230.2	232.1
POF	3.3	4.1	3.3
EFOF	5.8	8.4	8.4
EMOF	2.6	2.6	2.6

-7.473 EQUIVALENT AVAILABILITY POINTS

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 288}{8760 - 356.3} \times (731.6 + 230.2) = 969.6$$

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

$$100 - 3.3 - \frac{969.6}{8760.0} \times 100 = 85.6$$

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 PERFORMANCE
 BAYSIDE UNIT NO. 1
 JANUARY 2007 - DECEMBER 2007

WEIGHTING FACTOR = 0.40%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>	<u>ADJUSTED ACTUAL PERFORMANCE</u>
PH	8,760.0	8,760.0	8,760.0
EAF	81.0	85.2	87.0
POH	840.0	1,007.3	840.0
FOH + EFOH	38.1	59.4	60.7
MOH + EMOH	784.1	231.5	236.5
POF	9.6	11.5	9.6
EFOF	0.4	0.7	0.7
EMOF	9.0	2.6	2.7

10.000 EQUIVALENT AVAILABILITY POINTS

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 840}{8760 - 1007.3} \times (59.4 + 231.5) = 297.2$$

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

$$100 - 9.6 - \frac{297.2}{8760.0} \times 100 = 87.0$$

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 HEAT RATE
 BIG BEND UNIT NO. 1
 JANUARY 2007 - DECEMBER 2007**

WEIGHTING FACTOR = 5.12%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10,971.3	10,761.0
NET GENERATION (GWH)	2,256.6	2,540.1
OPERATING BTU (10 ⁹)	24,015.0	27,333.3
NET OUTPUT FACTOR	71.1	87.0

-2.671 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $\text{NOF} \times (-25.1) + 12757.06 = \text{ANOHR}$

$$87 * (-25.1) + 12757.06 = 10,573$$

$$10,761 - 10,573 = 188$$

$$10,971 + 188 = 11,159 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

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

**TAMPA ELECTRIC COMPANY
 ADJUSTMENTS TO HEAT RATE
 BIG BEND UNIT NO. 2
 JANUARY 2007 - DECEMBER 2007**

WEIGHTING FACTOR = 4.08%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10,483.8	10,404.0
NET GENERATION (GWH)	2,517.7	2,669.8
OPERATING BTU (10 ⁹)	26,375.8	27,776.8
NET OUTPUT FACTOR	83.8	87.0

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF \cdot (-19.5) + 12118.91 = ANOHR$

$$87 \cdot (-19.5) + 12118.91 = 10,422$$

$$10,404 - 10,422 = -18$$

$$10,484 + -18 = 10,466 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

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

**TAMPA ELECTRIC COMPANY
 ADJUSTMENTS TO HEAT RATE
 BIG BEND UNIT NO. 3
 JANUARY 2007 - DECEMBER 2007**

WEIGHTING FACTOR = 7.30%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	11,089.8	10,788.0
NET GENERATION (GWH)	1,748.9	1,594.6
OPERATING BTU (10 ⁹)	19,234.7	17,202.7
NET OUTPUT FACTOR	64.2	67.3

1.030 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-45.09) + 13983.59 = ANOHR$

$$67.3 * (-45.09) + 13983.59 = 10,949$$

$$10,788 - 10,949 = -161$$

$$11,090 + -161 = 10,929 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

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

**TAMPA ELECTRIC COMPANY
 ADJUSTMENTS TO HEAT RATE
 BIG BEND UNIT NO. 4
 JANUARY 2007 - DECEMBER 2007**

WEIGHTING FACTOR = 6.27%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10,827.9	11,439.0
NET GENERATION (GWH)	2,107.9	1,804.0
OPERATING BTU (10 ⁹)	23,072.1	20,635.9
NET OUTPUT FACTOR	82.6	73.6

-7.335 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-12.71) + 11876.88 = ANOHR$

$$73.6 * (-12.71) + 11876.88 = 10,942$$

$$11,439 - 10,942 = 497$$

$$10,828 + 497 = 11,325 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

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

**TAMPA ELECTRIC COMPANY
 ADJUSTMENTS TO HEAT RATE
 POLK UNIT NO. 1
 JANUARY 2007 - DECEMBER 2007**

WEIGHTING FACTOR = 7.27%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10,428.2	10,671.0
NET GENERATION (GWH)	1,780.0	1,615.8
OPERATING BTU (10 ⁹)	18,841.5	17,242.0
NET OUTPUT FACTOR	85.8	87.1

-1.930 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-9.46) + 11239.71 = ANOHR$

$$87.1 * (-9.46) + 11239.71 = 10,416$$

$$10,671 - 10,416 = 255$$

$$10,428 + 255 = 10,684 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

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

**TAMPA ELECTRIC COMPANY
 ADJUSTMENTS TO HEAT RATE
 BAYSIDE UNIT NO. 1
 JANUARY 2007 - DECEMBER 2007**

WEIGHTING FACTOR = 14.46%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	7,378.1	7,310.0
NET GENERATION (GWH)	3,461.5	2,879.0
OPERATING BTU (10 ⁹)	25,534.9	21,044.8
NET OUTPUT FACTOR	84.7	71.9

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF \cdot (0.22) + 7359.76 = ANOHR$

$$71.9 \cdot (0.22) + 7359.76 = 7,375$$

$$7,310 - 7,375 = -65$$

$$7,378 + -65 = 7,313 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

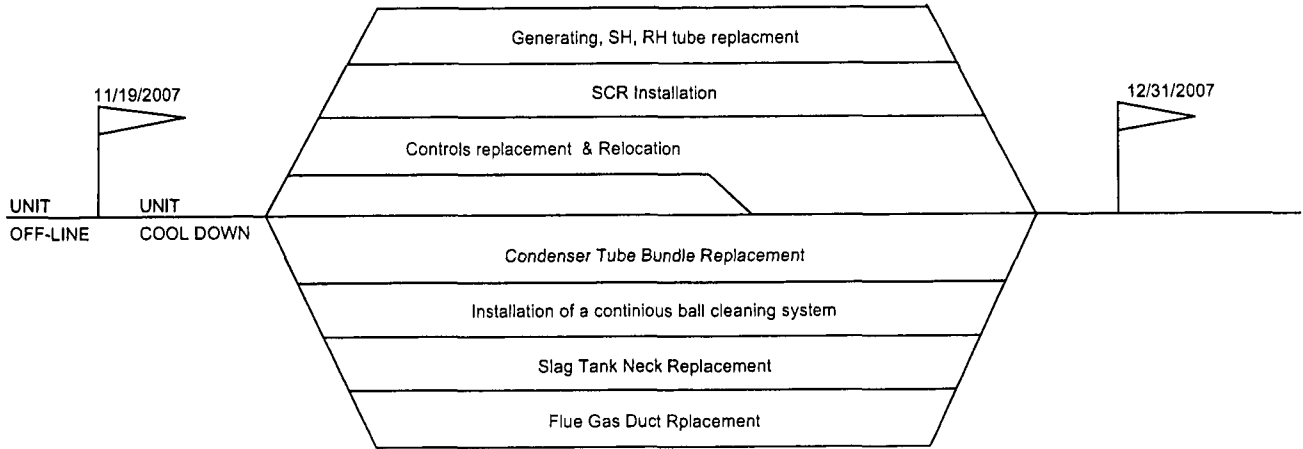
ANOHR = AVERAGE NET OPERATING HEAT RATE
 NOF = NET OPERATING FACTOR

**TAMPA ELECTRIC COMPANY
 PLANNED OUTAGE SCHEDULE (ACTUAL)
 GPIF UNITS
 JANUARY 2007 - DECEMBER 2007**

<u>PLANT / UNIT</u>	<u>PLANNED OUTAGE DATES</u>		<u>OUTAGE DESCRIPTION</u>
BIG BEND 2	May 11	May 19	Fuel System Clean-Up
+ BIG BEND 3	Nov 19	Dec 31	SCR Conversion Outage that included the following: HP, IP & LP steam turbine rotor removal, inspection and reconditioning, replacement of the condenser tube bundle and installation of a continuous ball cleaning system, control system replacement and relocation, boiler nose arch replacement, sections of duct work replacement, sections of generating, super heat and re-heat tubing replaced
+ BIG BEND 4	Feb 01	Apr 30	SCR Conversion Outage that included the following: HP, IP & LP steam turbine rotor removal, inspection and reconditioning, control system replacement and relocation, boiler nose arch replacement, sections of duct work replacement, sections of generating and re-heat tubing replaced
BIG BEND 4	Dec 01	Dec 09	Fuel System Clean-Up Outage
POLK 1	Apr 07	Apr 18	Gasifier / CT Outage
POLK 1	Oct 29	Oct 31	Gasifier / CT Outage
BAYSIDE 1	Mar 05	Mar 12	General Clean-Up
+ BAYSIDE 1	Oct 13	Nov 15	Hot Gas Path Inspection on 1B and 1C, steam turbine valve inspection, condenser cleaning system installation, HRSG and high energy steam piping inspections, plus cleanup work and coating of the intake tunnel

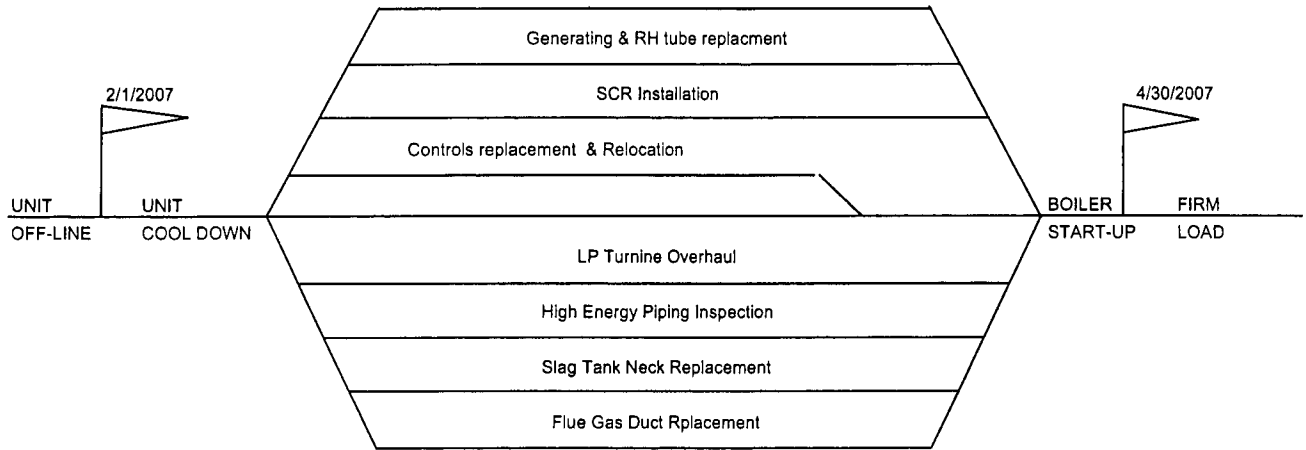
+ CPM for units with less than or equal to 4 weeks are not included.

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2007 - DECEMBER 2007



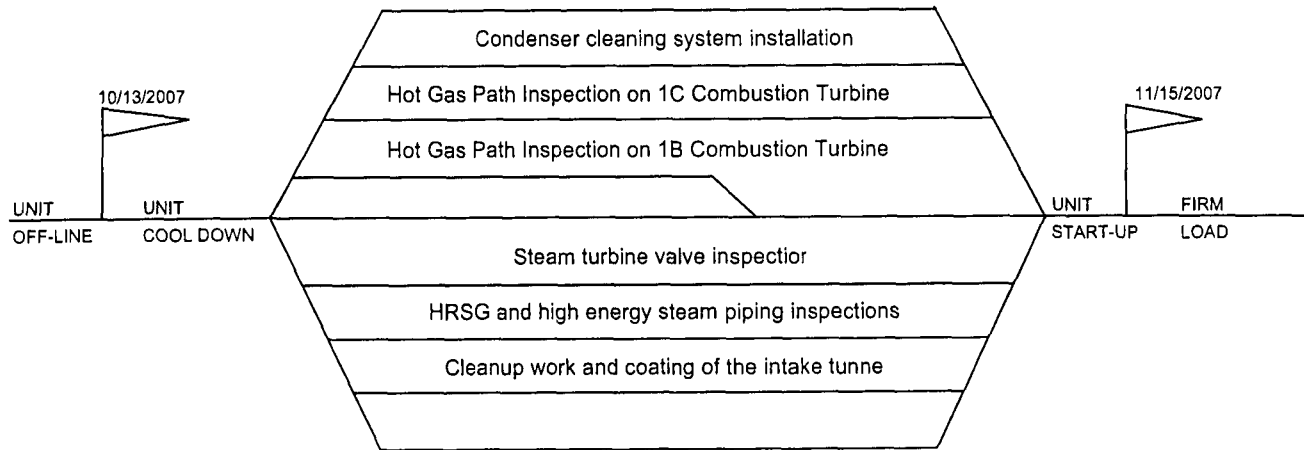
TAMPA ELECTRIC COMPANY
BIG BEND UNIT NUMBER 3
PLANNED OUTAGE 2007
PROJECTED CPM
04/01/08

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2007 - DECEMBER 2007



TAMPA ELECTRIC COMPANY
BIG BEND UNIT NUMBER 4
PLANNED OUTAGE 2007
PROJECTED CPM
04/01/08

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2007 - DECEMBER 2007



TAMPA ELECTRIC COMPANY
BAYSIDE UNIT 1
PLANNED OUTAGE 2007
PROJECTED CPM
04/01/08

TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE POINTS TABLE
 JANUARY 2007 - DECEMBER 2007

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	7,147.5	68.0	+10	2,986.9	10,474
+9	6,432.8	67.2	+9	2,688.3	10,516
+8	5,718.0	66.5	+8	2,389.6	10,559
+7	5,003.3	65.8	+7	2,090.9	10,601
+6	4,288.5	65.1	+6	1,792.2	10,643
+5	3,573.8	64.3	+5	1,493.5	10,685
+4	2,859.0	63.6	+4	1,194.8	10,727
+3	2,144.3	62.9	+3	896.1	10,770
+2	1,429.5	62.1	+2	597.4	10,812
+1	714.8	61.4	+1	298.7	10,854
0	0.0	60.7	0	0.0	10,896
-1	(964.0)	59.2	-1	(298.7)	10,971
-2	(1,927.9)	57.8	-2	(597.4)	11,046
-3	(2,891.9)	56.3	-3	(896.1)	11,088
-4	(3,855.8)	54.9	-4	(1,194.8)	11,131
-5	(4,819.8)	53.4	-5	(1,493.5)	11,173
-6	(5,783.7)	51.9	-6	(1,792.2)	11,215
-7	(6,747.7)	50.5	-7	(2,090.9)	11,257
-8	(7,711.6)	49.0	-8	(2,389.6)	11,300
-9	(8,675.6)	47.6	-9	(2,688.3)	11,342
-10	(9,639.5)	46.1	-10	(2,986.9)	11,384

Weighting Factor =

12.26%

Weighting Factor =

5.12%

TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE POINTS TABLE
 JANUARY 2007 - DECEMBER 2007

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	4,148.5	80.3	+10	2,380.9	10,123
+9	3,733.7	80.0	+9	2,142.8	10,152
+8	3,318.8	79.6	+8	1,904.7	10,180
+7	2,904.0	79.2	+7	1,666.6	10,209
+6	2,489.1	78.8	+6	1,428.5	10,238
+5	2,074.3	78.4	+5	1,190.5	10,266
+4	1,659.4	78.0	+4	952.4	10,295
+3	1,244.6	77.7	+3	714.3	10,323
+2	829.7	77.3	+2	476.2	10,352
+1	414.9	76.9	+1	238.1	10,380
0	0.0	76.5	0	0.0	10,409
-1	(493.8)	75.7	-1	(238.1)	10,587
-2	(987.6)	75.0	-2	(476.2)	10,616
-3	(1,481.3)	74.2	-3	(714.3)	10,644
-4	(1,975.1)	73.4	-4	(952.4)	10,673
-5	(2,468.9)	72.7	-5	(1,190.5)	10,702
-6	(2,962.7)	71.9	-6	(1,428.5)	10,730
-7	(3,456.5)	71.1	-7	(1,666.6)	10,759
-8	(3,950.2)	70.4	-8	(1,904.7)	10,787
-9	(4,444.0)	69.6	-9	(2,142.8)	10,816
-10	(4,937.8)	68.8	-10	(2,380.9)	10,844

Weighting Factor =

7.12%

Weighting Factor =

4.08%

TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE POINTS TABLE
 JANUARY 2007 - DECEMBER 2007

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	9,984.3	64.6	+10	4,258.0	10,182
+9	8,985.9	63.9	+9	3,832.2	10,265
+8	7,987.4	63.2	+8	3,406.4	10,348
+7	6,989.0	62.4	+7	2,980.6	10,432
+6	5,990.6	61.7	+6	2,554.8	10,515
+5	4,992.2	61.0	+5	2,129.0	10,598
+4	3,993.7	60.3	+4	1,703.2	10,682
+3	2,995.3	59.5	+3	1,277.4	10,765
+2	1,996.9	58.8	+2	851.6	10,848
+1	998.4	58.1	+1	425.8	10,932
0	0.0	57.4	0	0.0	11,015
-1	(1,538.6)	55.9	-1	(425.8)	11,090
-2	(3,077.3)	54.5	-2	(851.6)	11,165
-3	(4,615.9)	53.0	-3	(1,277.4)	11,248
-4	(6,154.5)	51.6	-4	(1,703.2)	11,331
-5	(7,693.1)	50.1	-5	(2,129.0)	11,415
-6	(9,231.8)	48.7	-6	(2,554.8)	11,498
-7	(10,770.4)	47.2	-7	(2,980.6)	11,581
-8	(12,309.0)	45.8	-8	(3,406.4)	11,665
-9	(13,847.7)	44.3	-9	(3,832.2)	11,748
-10	(15,386.3)	42.9	-10	(4,258.0)	11,831

Weighting Factor =

17.13%

Weighting Factor =

7.30%

TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE POINTS TABLE
 JANUARY 2007 - DECEMBER 2007

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	7,576.5	63.9	+10	3,657.3	10,177
+9	6,818.9	63.5	+9	3,291.6	10,235
+8	6,061.2	63.1	+8	2,925.9	10,292
+7	5,303.6	62.6	+7	2,560.1	10,350
+6	4,545.9	62.2	+6	2,194.4	10,408
+5	3,788.3	61.7	+5	1,828.7	10,465
+4	3,030.6	61.3	+4	1,462.9	10,523
+3	2,273.0	60.8	+3	1,097.2	10,580
+2	1,515.3	60.4	+2	731.5	10,638
+1	757.7	59.9	+1	365.7	10,695
0	0.0	59.5	0	0.0	10,753
					10,828
					10,903
-1	(1,172.6)	58.6	-1	(365.7)	10,960
-2	(2,345.1)	57.7	-2	(731.5)	11,018
-3	(3,517.7)	56.8	-3	(1,097.2)	11,076
-4	(4,690.3)	55.9	-4	(1,462.9)	11,133
-5	(5,862.8)	55.1	-5	(1,828.7)	11,191
-6	(7,035.4)	54.2	-6	(2,194.4)	11,248
-7	(8,208.0)	53.3	-7	(2,560.1)	11,306
-8	(9,380.6)	52.4	-8	(2,925.9)	11,363
-9	(10,553.1)	51.5	-9	(3,291.6)	11,421
-10	(11,725.7)	50.6	-10	(3,657.3)	11,478

Weighting Factor =

13.00%

Weighting Factor =

6.27%

TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE POINTS TABLE
 JANUARY 2007 - DECEMBER 2007

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	3,260.8	90.2	+10	4,237.1	9,417
+9	2,934.7	90.0	+9	3,813.4	9,511
+8	2,608.6	89.8	+8	3,389.7	9,604
+7	2,282.6	89.6	+7	2,966.0	9,698
+6	1,956.5	89.5	+6	2,542.2	9,791
+5	1,630.4	89.3	+5	2,118.5	9,885
+4	1,304.3	89.1	+4	1,694.8	9,979
+3	978.2	88.9	+3	1,271.1	10,072
+2	652.2	88.7	+2	847.4	10,166
+1	326.1	88.5	+1	423.7	10,260
0	0.0	88.4	0	0.0	10,353
					10,428
					10,503
-1	(247.5)	88.0	-1	(423.7)	10,597
-2	(495.1)	87.6	-2	(847.4)	10,691
-3	(742.6)	87.2	-3	(1,271.1)	10,784
-4	(990.1)	86.9	-4	(1,694.8)	10,878
-5	(1,237.6)	86.5	-5	(2,118.5)	10,971
-6	(1,485.2)	86.1	-6	(2,542.2)	11,065
-7	(1,732.7)	85.8	-7	(2,966.0)	11,159
-8	(1,980.2)	85.4	-8	(3,389.7)	11,252
-9	(2,227.8)	85.0	-9	(3,813.4)	11,346
-10	(2,475.3)	84.7	-10	(4,237.1)	11,440

Weighting Factor =

5.59%

Weighting Factor =

7.27%

TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE POINTS TABLE
 JANUARY 2007 - DECEMBER 2007

BAYSIDE 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	233.5	83.4	+10	8,430.3	7,101
+9	210.2	83.1	+9	7,587.3	7,121
+8	186.8	82.9	+8	6,744.3	7,141
+7	163.5	82.7	+7	5,901.2	7,162
+6	140.1	82.4	+6	5,058.2	7,182
+5	116.8	82.2	+5	4,215.2	7,202
+4	93.4	82.0	+4	3,372.1	7,222
+3	70.1	81.7	+3	2,529.1	7,242
+2	46.7	81.5	+2	1,686.1	7,263
+1	23.4	81.3	+1	843.0	7,283
0	0.0	81.0	0	0.0	7,303
-1	(264.5)	80.6	-1	(843.0)	7,378
-2	(528.9)	80.1	-2	(1,686.1)	7,453
-3	(793.4)	79.6	-3	(2,529.1)	7,473
-4	(1,057.9)	79.1	-4	(3,372.1)	7,494
-5	(1,322.3)	78.7	-5	(4,215.2)	7,514
-6	(1,586.8)	78.2	-6	(5,058.2)	7,534
-7	(1,851.3)	77.7	-7	(5,901.2)	7,554
-8	(2,115.8)	77.3	-8	(6,744.3)	7,574
-9	(2,380.2)	76.8	-9	(7,587.3)	7,595
-10	(2,644.7)	76.3	-10	(8,430.3)	7,615

Weighting Factor =

0.40%

Weighting Factor =

14.46%

TAMPA ELECTRIC COMPANY
 COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD JAN 07 - DEC 07			ACTUAL PERFORMANCE JAN 07 - DEC 07		
			POF	EUOF	EUOR	POF	EUOF	EUOR
BIG BEND 1	12.26%	22.1%	3.8	35.5	36.9	0.0	23.7	23.7
BIG BEND 2	7.12%	12.8%	5.8	17.7	18.8	2.5	18.0	18.4
BIG BEND 3	17.13%	30.9%	8.5	34.2	37.3	11.8	41.7	47.3
BIG BEND 4	13.00%	23.4%	24.4	16.1	21.3	27.0	19.8	27.1
POLK 1	5.59%	10.1%	3.3	8.4	8.6	4.1	11.0	11.4
BAYSIDE 1	0.40%	0.7%	9.6	35.5	39.2	11.5	3.3	3.8
GPIF SYSTEM	55.49%	100.0%	10.3	25.5	28.2	10.8	26.2	29.7
GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%)			64.2			63.0		
			3 PERIOD AVERAGE			3 PERIOD AVERAGE		
			POF	EUOF	EUOR	EAF		
			5.7	27.8	29.2	66.5		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET HEAT RATE	ADJUSTED ACTUAL HEAT RATE
			JAN 07 - DEC 07	JAN 07 - DEC 07
BIG BEND 1	5.12%	11.5%	10,971	11,159
BIG BEND 2	4.08%	9.2%	10,484	10,466
BIG BEND 3	7.30%	16.4%	11,090	10,929
BIG BEND 4	6.27%	14.1%	10,828	11,325
POLK 1	7.27%	16.3%	10,428	10,684
BAYSIDE 1	14.46%	32.5%	7,378	7,313
GPIF SYSTEM	44.51%	100.0%		
GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh)			9,670	9,754

**TAMPA ELECTRIC COMPANY
 GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
 JANUARY 2007 - DECEMBER 2007**

Points are calculated according to the formula:

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

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.

<i>GPIP</i> =	12.26%	*	(BB 1 EAP)	+	7.12%	*	(BB 2 EAP)	+	17.13%	*	(BB 3 EAP)
	- 13.00%	*	(BB 4 EAP)	+	0.40%	*	(BAY 1 EAP)	+	5.59%	*	(PK 1 EAP)
	- 5.12%	*	(BB 1 AHRP)	+	4.08%	*	(BB 2 AHRP)	+	7.30%	*	(BB 3 AHRP)
	- 6.27%	*	(BB 4 AHRP)	+	7.27%	*	(PK 1 AHRP)	+	14.46%		(BAY 1 AHRP)

<i>GPIP</i> =	12.26%	*	10.000	+	7.12%	*	0.777	+	17.13%	*	-6.312
	- 13.00%	*	-4.946	+	0.40%	*	10.000	+	5.59%	*	-7.473
	- 5.12%	*	-2.671	+	4.08%	*	0.000		7.30%	*	1.030
	- 6.27%	*	-7.335	+	7.27%	*	-1.930	+	14.46%	*	0.000

<i>GPIP</i> =	1.226	+	0.055	+	-1.081
	- 0.643	+	0.040	+	-0.418
	- 0.137	+	0.000	+	0.075
	- 0.460	+	-0.140	+	0.000

GPIP = -1.482 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 PENALTY = (\$849,634)

DOCKET NO. 080001-EI
GPIF 2007 FINAL TRUE-UP
EXHIBIT DRK-1, DOCUMENT 2

EXHIBIT TO THE TESTIMONY OF
DAVID R. KNAPP

DOCKET NO. 080001-EI

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2007 - DECEMBER 2007
TRUE-UP

DOCUMENT NO. 2
ACTUAL UNIT PERFORMANCE DATA

ORIGINAL SHEET NO. 8.401.02A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2007 - DECEMBER 2007

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 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	2007
1. EAF (%)	62.8	74.3	65.1	90.9	54.4	82.2	87.0	83.9	97.7	68.5	81.2	69.2	76.3
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	522.8	578.1	558.9	688.6	438.9	705.7	743.7	647.6	720.0	542.4	611.7	645.5	7,403.9
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	221.2	93.9	185.1	30.4	305.1	14.3	0.3	96.4	0.0	202.6	108.3	98.5	1,356.1
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	221.2	93.9	185.1	30.4	305.1	14.3	0.3	96.4	0.0	202.6	11.3	98.5	1,259.1
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.0	0.0	97.0
9. PFOH	225.4	289.3	483.5	664.5	123.8	139.9	55.7	91.4	294.9	297.0	135.5	545.7	3,346.6
10. LR PF (MW)	98.8	109.5	61.8	20.7	94.6	80.6	128.4	63.2	12.4	35.1	62.8	91.7	61.6
11. PMOH	0.0	0.0	0.0	0.0	39.5	549.0	641.2	20.0	21.5	12.0	12.4	16.3	1,311.8
12. LR PM (MW)	0.0	0.0	0.0	0.0	40.2	60.6	47.6	174.7	136.6	187.6	169.4	144.1	59.8
13. NSC (MW)	401.0	401.0	401.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	401.0	394.3
14. OPR BTU(GBTU)	1,877.4	1,991.8	2,022.3	2,693.3	1,736.6	2,520.8	2,688.2	2,567.2	2,807.1	2,085.2	2,208.6	2,134.9	27,333.3
15. NET GEN (MWH)	172,060.0	184,965.8	190,808.3	253,678.0	160,623.4	228,220.0	245,453.2	242,229.3	270,292.9	195,226.0	203,982.3	192,535.2	2,540,074.3
16. ANOHR (BTU/KWH)	10,911.1	10,768.5	10,598.8	10,616.9	10,811.6	11,045.3	10,951.9	10,598.4	10,385.4	10,681.0	10,827.5	11,088.2	10,761.0
17. NOF (%)	82.1	79.8	85.1	94.2	93.6	82.7	84.4	95.7	96.0	92.0	85.3	74.4	87.0
18. NPC (MW)	401.0	401.0	401.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	401.0	394.3
19. ANOHR EQUATION	ANOHR = NOF (- 25.10) + 12,757												

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ORIGINAL SHEET NO. 8.401.02A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2007 - DECEMBER 2007

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 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	2007
1. EAF (%)	63.8	69.6	90.0	88.0	56.1	89.8	73.0	98.2	63.1	95.5	91.5	75.2	79.5
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	573.9	571.0	744.0	706.1	520.5	683.3	615.7	744.0	529.4	745.0	720.0	627.0	7,779.8
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	170.1	101.1	0.0	12.9	223.5	36.8	128.3	0.0	190.6	0.0	0.0	117.0	980.2
6. POH	0.0	0.0	0.0	0.0	218.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	218.8
7. FOH	170.1	101.1	0.0	12.9	4.7	36.8	128.3	0.0	0.0	0.0	0.0	18.4	472.2
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190.6	0.0	0.0	98.5	289.2
9. PFOH	547.7	534.8	742.3	696.9	366.2	139.1	352.8	246.3	442.6	112.1	326.4	530.5	5,037.6
10. LR PF (MW)	72.5	77.4	40.1	41.0	93.7	102.2	80.4	21.3	63.8	68.9	70.7	47.0	60.7
11. PMOH	0.0	0.0	0.0	0.0	43.2	0.0	0.0	0.0	6.5	37.1	7.1	13.9	107.8
12. LR PM (MW)	0.0	0.0	0.0	0.0	136.3	0.0	0.0	0.0	147.8	147.0	111.5	150.8	140.9
13. NSC (MW)	401.0	401.0	401.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	401.0	394.3
14. OPR BTU(GBTU)	1,774.6	1,783.0	2,729.7	2,587.3	1,702.6	2,634.8	2,209.2	2,950.8	1,819.7	2,796.2	2,490.9	2,298.0	27,776.8
15. NET GEN (MWH)	177,516.5	169,028.3	264,627.6	244,252.7	167,582.7	251,187.7	207,064.2	282,813.1	178,118.0	268,579.4	244,944.9	214,040.6	2,669,755.7
16. ANOHR (BTU/KWH)	9,996.8	10,548.7	10,315.3	10,592.7	10,159.6	10,489.4	10,669.2	10,433.6	10,216.5	10,411.0	10,169.2	10,736.2	10,404.0
17. NOF (%)	77.1	73.8	88.7	88.5	82.3	94.0	86.0	97.2	86.1	92.2	87.0	85.1	87.0
18. NPC (MW)	401.0	401.0	401.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	391.0	401.0	394.3
19. ANOHR EQUATION	ANOHR = NOF (- 19.503) + 12,119												

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ORIGINAL SHEET NO. 8.401.02A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2007 - DECEMBER 2007

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 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	2007
1. EAF (%)	77.5	41.4	25.5	54.3	60.6	42.3	38.9	60.3	57.1	61.0	38.0	0.0	46.5
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	693.5	364.8	240.8	496.1	651.1	432.2	494.9	656.3	641.8	581.0	430.3	0.0	5,682.7
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	50.5	307.2	503.2	222.9	92.9	287.8	249.1	87.8	78.2	164.0	289.8	744.0	3,077.3
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	289.8	744.0	1,033.8
7. FOH	50.5	307.2	503.2	222.9	91.8	160.0	249.1	87.8	78.2	164.0	0.0	0.0	1,914.6
8. MOH	0.0	0.0	0.0	0.0	1.2	127.8	0.0	0.0	0.0	0.0	0.0	0.0	129.0
9. PFOH	564.4	352.0	240.8	493.7	243.7	24.2	87.7	64.8	73.4	88.1	1.2	0.0	2,233.8
10. LR PF (MW)	87.9	104.3	89.2	88.5	225.6	274.5	193.8	162.8	159.9	198.6	202.2	0.0	120.9
11. PMOH	0.0	0.0	0.0	0.0	375.7	389.6	403.7	584.0	568.5	252.9	429.1	0.0	3,003.5
12. LR PM (MW)	0.0	0.0	0.0	0.0	74.5	118.4	168.4	129.2	147.6	137.6	150.5	0.0	133.5
13. NSC (MW)	423.0	423.0	423.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	423.0	417.0
14. OPR BTU(GBTU)	2,317.2	1,200.5	839.0	1,677.6	1,938.8	1,317.2	1,294.8	1,948.5	1,801.3	1,645.3	1,222.5	0.0	17,202.7
15. NET GEN (MWH)	217,318.0	114,595.1	78,692.3	156,262.3	183,848.5	122,142.5	116,473.2	179,362.7	162,856.0	151,648.8	111,402.5	0.0	1,594,601.8
16. ANOHR BTU/KWH	10,662.8	10,476.3	10,661.1	10,735.6	10,545.4	10,784.2	11,117.1	10,863.3	11,060.6	10,849.4	10,974.0	0.0	10,788.0
17. NOF (%)	74.1	74.3	77.3	76.1	68.2	68.3	56.9	66.0	61.3	63.0	62.5	0.0	67.3
18. NPC (MW)	423.0	423.0	423.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	423.0	417.0
19. ANOHR EQUATION	ANOHR = NOF (- 45.088) + 13,984												

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ORIGINAL SHEET NO. 8.401.02A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2007 - DECEMBER 2007

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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 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 02	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	2007
1. EAF (%)	90.1	0.0	0.0	0.0	45.1	66.9	78.9	65.3	80.8	67.7	73.9	64.1	53.2
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	741.5	0.0	0.0	0.0	450.0	555.8	689.2	606.8	715.9	593.6	599.9	513.2	5,465.8
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	2.6	672.0	744.0	719.0	294.0	164.2	54.8	137.2	4.1	151.4	120.1	230.8	3,294.2
6. POH	1.3	672.0	744.0	719.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	219.6	2,368.0
7. FOH	1.2	0.0	0.0	0.0	281.9	164.2	54.8	137.2	0.0	151.4	85.6	11.3	887.5
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	34.5	0.0	38.6
9. PFOH	655.1	0.0	0.0	0.0	16.5	449.4	606.7	490.4	659.8	561.1	517.2	416.8	4,373.0
10. LR PF (MW)	48.9	0.0	0.0	0.0	57.7	31.2	55.2	65.2	66.8	54.9	36.7	39.2	50.9
11. PMOH	0.0	0.0	0.0	0.0	389.1	93.0	44.3	87.2	55.3	32.5	82.8	0.8	784.9
12. LR PM (MW)	0.0	0.0	0.0	0.0	129.1	204.1	276.7	254.3	287.7	276.8	138.1	169.3	178.5
13. NSC (MW)	452.0	452.0	452.0	447.0	447.0	447.0	447.0	447.0	447.0	447.0	447.0	452.0	448.7
14. OPR BTU(GBTU)	2,804.5	0.0	0.0	3.0	1,486.3	2,177.5	2,629.2	2,193.3	2,668.6	2,296.2	2,245.8	2,131.5	20,635.9
15. NET GEN (MWH)	267,828.8	-10,832.2	-11,217.1	-15,790.0	112,190.0	196,770.9	234,429.5	187,745.0	234,687.0	207,493.8	204,659.3	196,083.2	1,804,048.1
16. ANOHR BTU/KWH	10,471.4	0.0	0.0	0.0	13,247.7	11,066.2	11,215.2	11,682.5	11,371.1	11,066.3	10,973.5	10,870.5	11,439.0
17. NOF (%)	79.9	0.0	0.0	0.0	55.8	79.2	76.1	69.2	73.3	78.2	76.3	84.5	73.6
18. NPC (MW)	452.0	452.0	452.0	447.0	447.0	447.0	447.0	447.0	447.0	447.0	447.0	452.0	448.7
19. ANOHR EQUATION	ANOHR = NOF (- 12.706) + 11,877												

ORIGINAL SHEET NO. 8.401.02A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2007 - DECEMBER 2007

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 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 02	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	2007
1. EAF (%)	99.2	84.8	88.9	47.5	85.5	79.7	84.7	81.4	95.6	86.3	92.1	92.7	85.0
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	744.0	581.8	675.3	161.6	557.2	650.1	702.6	625.1	632.7	672.6	550.1	674.2	7,227.1
4. RSH	0.0	21.2	62.0	264.2	177.1	0.0	41.5	45.2	87.3	9.4	160.1	45.5	913.4
5. UH	0.0	69.0	6.7	293.3	9.8	69.9	0.0	73.7	0.0	63.0	9.9	24.4	619.5
6. POH	0.0	0.0	0.0	293.3	0.0	0.0	0.0	0.0	0.0	63.0	0.0	0.0	356.3
7. FOH	0.0	69.0	6.7	0.0	9.8	0.0	0.0	6.4	0.0	0.0	0.0	24.4	116.2
8. MOH	0.0	0.0	0.0	0.0	0.0	69.9	0.0	67.3	0.0	0.0	9.9	0.0	147.0
9. PFOH	22.1	302.2	773.1	8.4	929.1	674.9	803.1	797.7	263.5	709.3	180.9	98.3	5,562.5
10. LR PF (MW)	73.8	28.3	25.5	75.7	26.4	28.8	36.2	20.7	30.7	14.0	66.7	80.0	28.4
11. PMOH	0.0	0.0	0.0	274.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	282.1
12. LR PM (MW)	0.0	0.0	0.0	75.7	75.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.7
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)	1,790.2	1,410.6	1,538.0	431.2	1,360.0	1,565.4	1,637.8	1,502.0	1,499.1	1,643.1	1,300.8	1,563.9	17,242.0
15. NET GEN (MWH)	181,797.0	124,381.0	148,673.0	36,172.0	116,407.0	140,101.5	150,637.0	137,898.0	146,011.0	155,436.0	127,509.0	150,819.0	1,615,841.5
16. ANOHR BTU/KWH	9,847.5	11,341.0	10,345.1	11,919.6	11,683.3	11,173.5	10,872.2	10,891.8	10,267.1	10,570.9	10,201.5	10,369.2	10,671.0
17. NOF (%)	94.0	82.2	84.7	87.8	81.9	84.5	84.1	86.5	90.5	90.6	90.9	86.0	87.1
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 (- 9.460) + 11,877												

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ORIGINAL SHEET NO. 8.401.02A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2007 - DECEMBER 2007

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
Bayside 1	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	JUL 02	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	2007
1. EAF (%)	79.3	99.3	74.9	99.2	97.4	96.0	100.0	98.4	94.2	32.5	66.9	86.0	85.2
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	57.8	539.7	444.9	546.1	593.1	545.0	598.9	616.0	563.3	213.2	420.1	327.5	5,465.6
4. RSH	530.1	121.6	99.4	149.9	118.9	130.5	133.3	108.8	100.3	19.0	132.0	295.8	1,939.7
5. UH	153.8	4.4	186.7	5.9	19.3	28.7	0.2	11.9	41.6	503.2	238.1	104.5	1,298.2
6. POH	0.0	0.0	186.2	0.0	0.0	0.0	0.0	0.0	0.0	503.2	221.9	96.0	1,007.3
7. FOH	0.2	2.1	0.5	0.0	5.8	28.7	0.2	5.6	0.1	0.0	16.3	0.0	59.4
8. MOH	153.5	2.3	0.0	5.9	13.5	0.0	0.0	6.4	41.5	0.0	0.0	8.5	231.5
9. PFOH	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
10. LR PF (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
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) **	793.0	793.0	793.0	702.0	702.0	702.0	702.0	702.0	702.0	702.0	702.0	793.0	732.3
14. OPR BTU(GBTU)	204.8	2,202.3	1,685.0	2,131.3	2,392.6	2,192.0	2,404.1	2,520.1	2,236.9	840.5	1,026.9	1,208.4	21,044.8
15. NET GEN (MWH)	27,179.7	305,453.0	231,910.7	293,663.6	328,880.9	298,880.5	327,658.7	343,879.7	304,151.2	115,055.2	136,703.7	165,546.8	2,878,963.6
16. ANOHR BTU/KWH	7,535.4	7,210.0	7,265.6	7,257.8	7,275.1	7,333.9	7,337.1	7,328.4	7,354.5	7,305.1	7,511.5	7,299.5	7,310.0
17. NOF (%)	59.3	71.4	65.7	76.6	79.0	78.1	77.9	79.5	76.9	76.9	46.4	63.7	71.9
18. NPC (MW) **	793.0	793.0	793.0	702.0	702.0	702.0	702.0	702.0	702.0	702.0	702.0	793.0	732.3
19. ANOHR EQUATION	ANOHR = NOF (- 0.217) + 11,877												

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