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March 16, 2016

VIA: ELECTRONIC FILING

Ms. Carlotta S. Stauffer
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. 160001-EI

Dear Ms. Stauffer:

Attached for filing in the above docket on behalf of Tampa Electric Company are the following:

1. Petition for Approval of Generating Performance Incentive Factor Results for the Twelve Month Period Ending December 2015.

2. Prepare Direct Testimony and Exhibit (BSB-1) of Brian S. Buckley regarding Generating Performance Incentive Factor True-Up for the period January 2015 through December 2015.

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

JDB/pp
Attachments

cc: All parties of record (w/attachments)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition and Testimony, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 16th day of March 2016 to the following:

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ATTORNEY

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery Clause and Generating Performance Incentive Factor.	))))	DOCKET NO. 160001-EI FILED: March 16, 2016

TAMPA ELECTRIC COMPANY'S PETITION FOR APPROVAL OF GENERATING PERFORMANCE INCENTIVE FACTOR RESULTS FOR THE TWELVE MONTH PERIOD ENDING DECEMBER 2015

Tampa Electric Company ("Tampa Electric" or "the company") hereby petitions this Commission for approval of the company's results for the twelve-month period ending December 2015. In support of this Petition, Tampa Electric states as follows:

1. By Order No. PSC-14-0701-FOF-EI, dated December 19, 2014, the Commission approved Tampa Electric's GPIF targets for the period January 2015 through December 2015. The application of the GPIF formula to the performance of the company's GPIF units during that period produces a reward of $969,593. The calculation of the company's GPIF reward is discussed and supported in the prepared direct testimony and exhibit of Tampa Electric witness Brian S. Buckley, which are being filed together with this petition and incorporated herein by reference.

2. Tampa Electric is not aware of any disputed issues of material fact relative to the relief requested herein.

WHEREFORE, Tampa Electric respectfully requests the Commission to approve $969,593 as its GPIF reward for the period ending December 2015 and authorize the inclusion of this amount in the calculation of Tampa Electric's fuel factors for the period beginning January 2017.

DATED this 16th day of March 2016.

Respectfully submitted,

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J. JEFFRY WAHLEN
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Ausley & McMullen
Post Office Box 391
Tallahassee, Florida 32302
(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been served by Electronic Mail on this 16th day of March 2016 to the following:

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ATTORNEY

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 160001-EI
IN RE: FUEL & PURCHASED POWER COST RECOVERY
AND
CAPACITY COST RECOVERY

GENERATING PERFORMANCE INCENTIVE FACTOR
TRUE-UP
JANUARY 2015 THROUGH DECEMBER 2015

TESTIMONY AND EXHIBIT
OF
BRIAN S. BUCKLEY

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

BRIAN S. BUCKLEY

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

A. My name is Brian S. Buckley. My business address is 702 North Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "company") in the position of Manager, Compliance and Performance.

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

A. I received a Bachelor of Science degree in Mechanical Engineering in 1997 from the Georgia Institute of Technology and a Master of Business Administration from the University of South Florida in 2003. I began my career with Tampa Electric in 1999 as an Engineer in Plant Technical Services. I have held a number of different engineering positions at Tampa Electric's power generating stations including Operations Engineer at Gannon Station, Instrumentation and Controls Engineer at Big Bend Station,

and Senior Engineer in Operations Planning. In 2008, I was promoted to Manager, Operations Planning. Currently, I am the Manager of Compliance and Performance responsible for unit performance analysis and reporting of generation statistics.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present Tampa Electric's actual performance results from unit equivalent availability and heat rate used to determine the Generating Performance Incentive Factor ("GPIF") for the period January 2015 through December 2015. I will also compare these results to the targets established for the period.

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

A. Yes, I prepared Exhibit No. BSB-1, consisting of two documents. Document No. 1, entitled "GPIF Schedules" is consistent with the GPIF Implementation Manual previously approved by the Commission. Document No. 2 provides the company's Actual Unit Performance Data for the 2015 period.

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

A. Four of the company's coal-fired units, one integrated gasification combined cycle unit and two natural gas combined cycle units are included. These are Big Bend Units 1 through 4, Polk Unit 1 and Bayside Units 1 and 2, respectively.

Q. Have you calculated the results of Tampa Electric's performance under the GPIF during the January 2015 through December 2015 period?

A. Yes, I have. This is shown on Document No. 1, page 4 of 32. Based upon 1.259 Generating Performance Incentive Points ("GPIP"), the result is a reward amount of $969,593 for the period.

Q. Please proceed with your review of the actual results for the January 2015 through December 2015 period.

A. On Document No. 1, page 3 of 32, the actual average common equity for the period is shown on line 14 as $2,170,178,414. This produces the maximum penalty or reward amount of $7,702,537 as shown on line 23.

Q. Will you please explain how you arrived at the actual equivalent availability results for the seven 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 actual equivalent availability results shown on Document No. 1, page 6 of 32, column 2, directly applicable to the GPIF table?

A. No. Adjustments to actual equivalent availability may be required as noted in Section 4.3.3 of the GPIF Manual. The actual equivalent availability including the required adjustment is shown on Document No. 1, page 6 of 32, column 4. 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, 2,016.0 planned outage hours were originally scheduled for 2015. Actual outage activities required 2,363.7 planned outage hours. Consequently, the actual

equivalent availability of 59.0 percent is adjusted to 62.2 percent as shown on Document No. 1, page 7 of 32.

Big Bend Unit No. 2

On this unit, 576.0 planned outage hours were originally scheduled for 2015. Actual outage activities required 654.1 planned outage hours. Consequently, the actual equivalent availability of 45.8 percent is adjusted to 46.2 percent as shown on Document No. 1, page 8 of 32.

Big Bend Unit No. 3

On this unit, 576.0 planned outage hours were originally scheduled for 2015. Actual outage activities required 328.0 planned outage hours. Consequently, the actual equivalent availability of 72.2 percent is adjusted to 70.0 percent as shown on Document No. 1, page 9 of 32.

Big Bend Unit No. 4

On this unit, 576.0 planned outage hours were originally scheduled for 2015. Actual outage activities required 334.1 planned outage hours. Consequently, the actual equivalent availability of 81.1 percent is adjusted to 78.7 percent as shown on Document No. 1, page 10 of 32.

Polk Unit No. 1

On this unit, 1,200.0 planned outage hours were originally scheduled for 2015. Actual outage activities required 1,178.4 planned outage hours. Consequently, the actual equivalent availability of 70.5 percent is adjusted to 70.3 percent, as shown on Document No. 1, page 11 of 32.

Bayside Unit No. 1

On this unit, 432.0 planned outage hours were originally scheduled for 2015. Actual outage activities required 1,032.8 planned outage hours. Consequently, the actual equivalent availability of 85.9 percent is adjusted to 92.6 percent, as shown on Document No. 1, page 12 of 32.

Bayside Unit No. 2

On this unit, 528.0 planned outage hours were originally scheduled for 2015. Actual outage activities required 627.1 planned outage hours. Consequently, the actual equivalent availability of 89.2 percent is adjusted to 90.3 percent, as shown on Document No. 1, page 13 of 32.

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

A. The final adjusted equivalent availabilities for each unit

are shown on Document No. 1, page 6 of 32, column 4. This number is entered into the respective GPIP table for each particular unit, shown on pages 24 of 32 through 30 of 32. Page 4 of 32 summarizes the weighted 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 Tampa Electric's seven GPIF units are shown on Document No. 1, page 6 of 32. The adjustment was developed based on the guidelines of Section 4.3.16 of the GPIF Manual. This procedure is further defined by a letter dated October 23, 1981, from Mr. J. H. Hoffsis of the FPSC Staff. The final adjusted actual heat rates are also shown on page 5 of 32, column 9. The heat rate value is entered into the respective GPIP table for the particular unit, shown on pages 24 through 30 of 32. Page 4 of 32 summarizes the weighted heat rate points to be awarded or penalized.

Q. What is the overall GPIP for Tampa Electric for the January 2015 through December 2015 period?

A. This is shown on Document No. 1, page 2 of 32. Essentially,

the weighting factors shown on page 4 of 32, column 3, plus the equivalent availability points and the heat rate points shown on page 4 of 32, column 4, are substituted within the equation found on page 32 of 32. The resulting value, 1.259, is then entered into the GPIF table on page 2 of 32. Using linear interpolation, the reward amount is $969,593.

Q. Are there any other constraints set forth by the Commission regarding the magnitude of incentive dollars?

A. Yes. Incentive dollars are not to exceed 50 percent of fuel savings. Tampa Electric met this constraint, limiting the total potential reward and penalty incentive dollars to $7,702,537, as shown in Document No. 1, Pages 2 and 3.

Q. Does this conclude your testimony?

A. Yes, it does.

GENERATING PERFORMANCE INCENTIVE FACTOR

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EXHIBIT NO. ___ (BSB-1)
TAMPA ELECTRIC COMPANY
DOCKET NO. 160001-EI
GPIF 2015 FINAL TRUE-UP
DOCUMENT NO. 1

EXHIBIT TO THE TESTIMONY OF

BRIAN S. BUCKLEY

DOCKET NO. 160001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2015 – DECEMBER 2015

TRUE-UP

DOCUMENT NO. 1

GPIF SCHEDULES

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2015 - DECEMBER 2015
TRUE-UP
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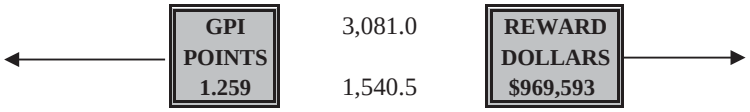
TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE - ACTUAL
JANUARY 2015 - DECEMBER 2015

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) ($000)	GENERATING PERFORMANCE INCENTIVE FACTOR ($000)
+10	15,405.1	7,702.5
+9	13,864.6	6,932.3
+8	12,324.1	6,162.0
+7	10,783.6	5,391.8
+6	9,243.0	4,621.5
+5	7,702.5	3,851.3
+4	6,162.0	3,081.0
+3	4,621.5	2,310.8
+2	3,081.0	1,540.5
+1	1,540.5	770.3
0	0.0	0.0
-1	(1,456.1)	(770.3)
-2	(2,912.1)	(1,540.5)
-3	(4,368.2)	(2,310.8)
-4	(5,824.2)	(3,081.0)
-5	(7,280.3)	(3,851.3)
-6	(8,736.3)	(4,621.5)
-7	(10,192.4)	(5,391.8)
-8	(11,648.4)	(6,162.0)
-9	(13,104.5)	(6,932.3)
-10	(14,560.5)	(7,702.5)



TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
JANUARY 2015 - DECEMBER 2015

Line 1	Beginning of period balance of common equity: End of month common equity:		$	2,111,163,916	
Line 2	Month of January	2015	$	2,127,180,507	
Line 3	Month of February	2015	$	2,093,480,086	
Line 4	Month of March	2015	$	2,130,295,700	
Line 5	Month of April	2015	$	2,107,055,892	
Line 6	Month of May	2015	$	2,131,345,778	
Line 7	Month of June	2015	$	2,158,378,567	
Line 8	Month of July	2015	$	2,128,206,619	
Line 9	Month of August	2015	$	2,209,343,431	
Line 10	Month of September	2015	$	2,233,000,848	
Line 11	Month of October	2015	$	2,251,769,894	
Line 12	Month of November	2015	$	2,260,579,571	
Line 13	Month of December	2015	$	2,270,518,569	
Line 14	(Summation of line 1 through line 13 divided by 13)		$	2,170,178,414	
Line 15	25 Basis points			0.0025	
Line 16	Revenue Expansion Factor			61.27%	
Line 17	Maximum Allowed Incentive Dollars (line 14 times line 15 divided by line 16)		$	8,855,413	
Line 18	Jurisdictional Sales			19,005,398	MWH
Line 19	Total Sales			19,005,398	MWH
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)			100.00%	
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 times line 20)		$	8,855,413	
Line 22	Incentive Cap (50% of projected fuel savings at 10 GPIF-Point level from Sheet No. 3.515)		$	7,702,537	
Line 23	**Maximum Allowed GPIF Reward (At 10 GPIF-Point Level; the lesser of line 21 and line 22)**		**$**	**7,702,537**	

TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
JANUARY 2015 - DECEMBER 2015

PLANT / UNIT	12 MONTH ADJ. ACTUAL PERFORMANCE		WEIGHTING FACTOR %	UNIT POINTS	WEIGHTED UNIT POINTS
BIG BEND 1	62.2%	EAF	7.78%	2.288	0.178
BIG BEND 2	46.2%	EAF	2.04%	-10.000	-0.204
BIG BEND 3	70.0%	EAF	1.49%	-10.000	-0.149
BIG BEND 4	78.7%	EAF	4.13%	-2.700	-0.111
POLK 1	70.3%	EAF	0.60%	-10.000	-0.060
BAYSIDE 1	92.6%	EAF	3.39%	10.000	0.339
BAYSIDE 2	90.3%	EAF	10.11%	10.000	1.011
BIG BEND 1	10,784	ANOHR	8.43%	-10.000	-0.843
BIG BEND 2	10,383	ANOHR	11.29%	0.000	0.000
BIG BEND 3	10,190	ANOHR	8.97%	10.000	0.897
BIG BEND 4	10,363	ANOHR	8.86%	0.000	0.000
POLK 1	10,157	ANOHR	16.65%	6.998	1.165
BAYSIDE 1	7,576	ANOHR	6.02%	-10.000	-0.602
BAYSIDE 2	7,529	ANOHR	10.24%	-3.527	-0.361
			100.00%		1.259

GPIF REWARD **$ 969,593**

TAMPA ELECTRIC COMPANY
GPIF TARGET AND RANGE SUMMARY
JANUARY 2015 - DECEMBER 2015
EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	WEIGHTING FACTOR (%)	EAF TARGET (%)	EAF MAX. (%)	RANGE MIN. (%)	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	EAF ADJUSTED ACTUAL (%)	EST. FUEL SAVINGS/ LOSS ($000)
BIG BEND 1	7.78%	61.2	65.5	52.6	1,197.9	(284.9)	62.2	274.1
BIG BEND 2	2.04%	75.2	79.2	67.3	314.8	(548.1)	46.2	(548.1)
BIG BEND 3	1.49%	79.2	82.4	72.9	229.3	(572.6)	70.0	(572.6)
BIG BEND 4	4.13%	80.3	83.2	74.4	635.7	(1,103.8)	78.7	(298.1)
POLK 1	0.60%	77.1	79.6	72.0	91.9	(222.1)	70.3	(222.1)
BAYSIDE 1	3.39%	89.9	91.2	87.3	522.4	(908.6)	92.6	522.4
BAYSIDE 2	10.11%	86.6	88.4	83.0	1,556.9	(64.2)	90.3	1,556.9
GPIF SYSTEM	**29.53%**				**4,548.9**	**(3,704.4)**		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	WEIGHTING FACTOR (%)	ANOHR (Btu/kwh)	TARGET NOF (%)	ANOHR TARGET RANGE MIN.	ANOHR TARGET RANGE MAX.	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	ACTUAL ADJUSTED ANOHR	EST. FUEL SAVINGS/ LOSS ($000)
BIG BEND 1	8.43%	10,563	94.8	10,368	10,757	1,299.3	(1,299.3)	10,784	(1,299.3)
BIG BEND 2	11.29%	10,379	92.7	10,149	10,609	1,739.7	(1,739.7)	10,383	0.0
BIG BEND 3	8.97%	10,495	92.5	10,326	10,664	1,382.3	(1,382.3)	10,190	1,382.3
BIG BEND 4	8.86%	10,416	97.6	10,245	10,587	1,365.4	(1,365.4)	10,363	0.0
POLK 1	16.65%	10,552	96.6	10,020	11,085	2,564.5	(2,564.5)	10,157	1,794.6
BAYSIDE 1	6.02%	7,414	52.3	7,322	7,505	928.0	(928.0)	7,576	(928.0)
BAYSIDE 2	10.24%	7,447	51.7	7,351	7,542	1,576.8	(1,576.8)	7,529	(556.2)
GPIF SYSTEM	**70.47%**					**10,856.1**	**(10,856.1)**		

TAMPA ELECTRIC COMPANY
UNIT PERFORMANCE DATA - ACTUAL
JANUARY 2015 - DECEMBER 2015

PLANT / UNIT	ACTUAL EAF (%)	ADJUSTMENTS [1] TO EAF (%)	EAF ADJUSTED ACTUAL (%)
BIG BEND 1	59.0	3.2	62.2
BIG BEND 2	45.8	0.4	46.2
BIG BEND 3	72.2	-2.2	70.0
BIG BEND 4	81.1	-2.4	78.7
POLK 1	70.5	-0.2	70.3
BAYSIDE 1	85.9	6.7	92.6
BAYSIDE 2	89.2	1.1	90.3

PLANT / UNIT	ACTUAL ANOHR (Btu/kwh)	ADJUSTMENTS [2] TO ANOHR (Btu/kwh)	ANOHR ADJUSTED ACTUAL (Btu/kwh)
BIG BEND 1	10,747	37	10,784
BIG BEND 2	10,492	-109	10,383
BIG BEND 3	10,349	-159	10,190
BIG BEND 4	10,377	-14	10,363
POLK 1	10,269	-112	10,157
BAYSIDE 1	7,377	199	7,576
BAYSIDE 2	7,399	130	7,529

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

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 1
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 7.78%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	61.2	59.0	62.2
POH	2,016.0	2,363.7	2,016.0
FOH + EFOH	1,240.3	1,136.7	1,198.5
MOH + EMOH	141.3	90.2	95.1
POF	23.0	27.0	23.0
EFOF	14.2	13.0	13.7
EMOF	1.6	1.0	1.1

2.3 EQUIVALENT AVAILABILITY POINTS

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 2016}{8760 - 2363.7} \times (1136.7 + 90.2) = 1{,}293.6$$

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

$$100 - 23 - \frac{1293.6}{8760.0} \times 100 = 62.2$$

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 2
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 2.04%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	75.2	45.8	46.2
POH	576.0	654.1	576.0
FOH + EFOH	1,230.8	3,942.5	3,980.5
MOH + EMOH	365.2	154.9	156.4
POF	6.6	7.5	6.6
EFOF	14.0	45.0	45.4
EMOF	4.2	1.8	1.8

-10.000 **EQUIVALENT AVAILABILITY POINTS**

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 576}{8760 - 654.1} \times (3942.5 + 154.9) = 4{,}136.9$$

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

$$100 - 6.6 - \frac{4136.9}{8760.0} \times 100 = 46.2$$

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. 3
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 1.49%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	79.2	72.2	70.0
POH	576.0	328.0	576.0
FOH + EFOH	955.1	1,858.3	1,803.6
MOH + EMOH	288.0	251.8	244.4
POF	6.6	3.7	6.6
EFOF	10.9	21.2	20.6
EMOF	3.3	2.9	2.8

-10.000 **EQUIVALENT AVAILABILITY POINTS**

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 576}{8760 - 328} \times (1858.3 + 251.8) = 2{,}048.0$$

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

$$100 - 6.6 - \frac{2048.0}{8760.0} \times 100 = 70.0$$

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 4
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 4.13%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	80.3	81.1	78.7
POH	576.0	334.1	576.0
FOH + EFOH	846.9	1,208.2	1,173.5
MOH + EMOH	303.3	114.1	110.8
POF	6.6	3.8	6.6
EFOF	9.7	13.8	13.4
EMOF	3.5	1.3	1.3
	-2.700	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 576}{8760 - 334.1} \times (1208.2 + 114.1) = 1,284.3$$

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

$$100 - 6.6 - \frac{1284.3}{8760.0} \times 100 = 78.7$$

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 2015 - DECEMBER 2015

WEIGHTING FACTOR = 0.60%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	77.1	70.5	70.3
POH	1,200.0	1,178.4	1,200.0
FOH + EFOH	619.0	1,278.0	1,274.4
MOH + EMOH	188.1	124.1	123.7
POF	13.7	13.5	13.7
EFOF	7.1	14.6	14.5
EMOF	2.1	1.4	1.4

-10.000 **EQUIVALENT AVAILABILITY POINTS**

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1200}{8760 - 1178.4} \times (1278 + 124.1) = 1{,}398.1$$

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

$$100 - 13.7 - \frac{1398.1}{8760.0} \times 100 = 70.3$$

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BAYSIDE UNIT NO. 1
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 3.39%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	89.9	85.9	92.6
POH	432.0	1,032.8	432.0
FOH + EFOH	84.3	111.7	120.4
MOH + EMOH	371.8	88.4	95.3
POF	4.9	11.8	4.9
EFOF	1.0	1.3	1.4
EMOF	4.2	1.0	1.1
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 432}{8760 - 1032.8} \times (111.7 + 88.4) = 215.7$$

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

$$100 - 4.9 - \frac{215.7}{8760.0} \times 100 = 92.6$$

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. 2
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 10.11%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	86.6	89.2	90.3
POH	528.0	627.1	528.0
FOH + EFOH	291.3	182.2	184.4
MOH + EMOH	355.2	139.1	140.8
POF	6.0	7.2	6.0
EFOF	3.3	2.1	2.1
EMOF	4.1	1.6	1.6
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 528}{8760 - 627.1} \times (182.2 + 139.1) = 325.2$$

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

$$100 - 6 - \frac{325.2}{8760.0} \times 100 = 90.3$$

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 1
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 8.43%

	12 MONTH TARGET	**12 MONTH ACTUAL PERFORMANCE**
ANOHR (Btu/kwh)	10,563	10,747
NET GENERATION (GWH)	2,171.6	1,808.3
OPERATING BTU (10^9)	21,861.6	19,434.3
NET OUTPUT FACTOR	94.8	78.6

-10.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(2.32) + 10342.99 = ANOHR

78.6 * (2.32) + 10342.99 = 10,525

10,747 - 10,525 = 222

10,563 + 222 = 10,784 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 2
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 11.29%

	12 MONTH TARGET	**12 MONTH ACTUAL PERFORMANCE**
ANOHR (Btu/kwh)	10,379	10,492
NET GENERATION (GWH)	2,625.7	1,325.4
OPERATING BTU (10^9)	26,848.1	13,906.0
NET OUTPUT FACTOR	92.7	76.1

0.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-6.56) + 10987.1 = ANOHR

76.1 * (-6.56) + 10987.1 = 10,488

10,492 - 10,488 = 4

10,379 + 4 = 10,383 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 3
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 8.97%

	12 MONTH TARGET	**12 MONTH ACTUAL PERFORMANCE**
ANOHR (Btu/kwh)	10,495	10,349
NET GENERATION (GWH)	2,696.6	2,223.2
OPERATING BTU (10^9)	28,011.4	23,008.6
NET OUTPUT FACTOR	92.5	84.6

10.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-20.12) + 12356.06 = ANOHR

84.6 * (-20.12) + 12356.06 = 10,654

10,349 - 10,654 = -305

10,495 + -305 = 10,190 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 4
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 8.86%

	12 MONTH TARGET	**12 MONTH ACTUAL PERFORMANCE**
ANOHR (Btu/kwh)	10,416	10,377
NET GENERATION (GWH)	2,932.9	2,769.1
OPERATING BTU (10^9)	29,634.4	28,733.9
NET OUTPUT FACTOR	97.6	82.8

0.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-0.94) + 10507.72 = ANOHR

82.8 * (-0.94) + 10507.72 = 10,430

10,377 - 10,430 = -53

10,416 + -53 = 10,363 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
POLK UNIT NO. 1
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 16.65%

	12 MONTH TARGET	**12 MONTH ACTUAL PERFORMANCE**
ANOHR (Btu/kwh)	10,552	10,269
NET GENERATION (GWH)	1,410.2	1,237.4
OPERATING BTU (10^9)	14,278.0	12,707.2
NET OUTPUT FACTOR	96.6	94.2

6.998 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-47.27) + 15116.96 = ANOHR

94.2 * (-47.27) + 15116.96 = 10,664

10,269 - 10,664 = -395

10,552 + -395 = 10,157 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BAYSIDE UNIT NO. 1
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 6.02%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	7,414	7,377
NET GENERATION (GWH)	2,619.6	3,649.3
OPERATING BTU (10^9)	19,239.4	26,920.7
NET OUTPUT FACTOR	52.3	67.8

-10.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-12.82) + 8084.29 = ANOHR

67.8 * (-12.82) + 8084.29 = 7,215

7,377 - 7,215 = 162

7,414 + 162 = 7,576 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

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

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BAYSIDE UNIT NO. 2
JANUARY 2015 - DECEMBER 2015

WEIGHTING FACTOR = 10.24%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	7,447	7,399
NET GENERATION (GWH)	3,795.9	5,267.2
OPERATING BTU (10^9)	27,799.2	38,970.9
NET OUTPUT FACTOR	51.7	70.1

-3.527 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-7.05) + 7811.35 = ANOHR

70.1 * (-7.05) + 7811.35 = 7,317

7,399 - 7,317 = 82

7,447 + 82 = 7,529 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

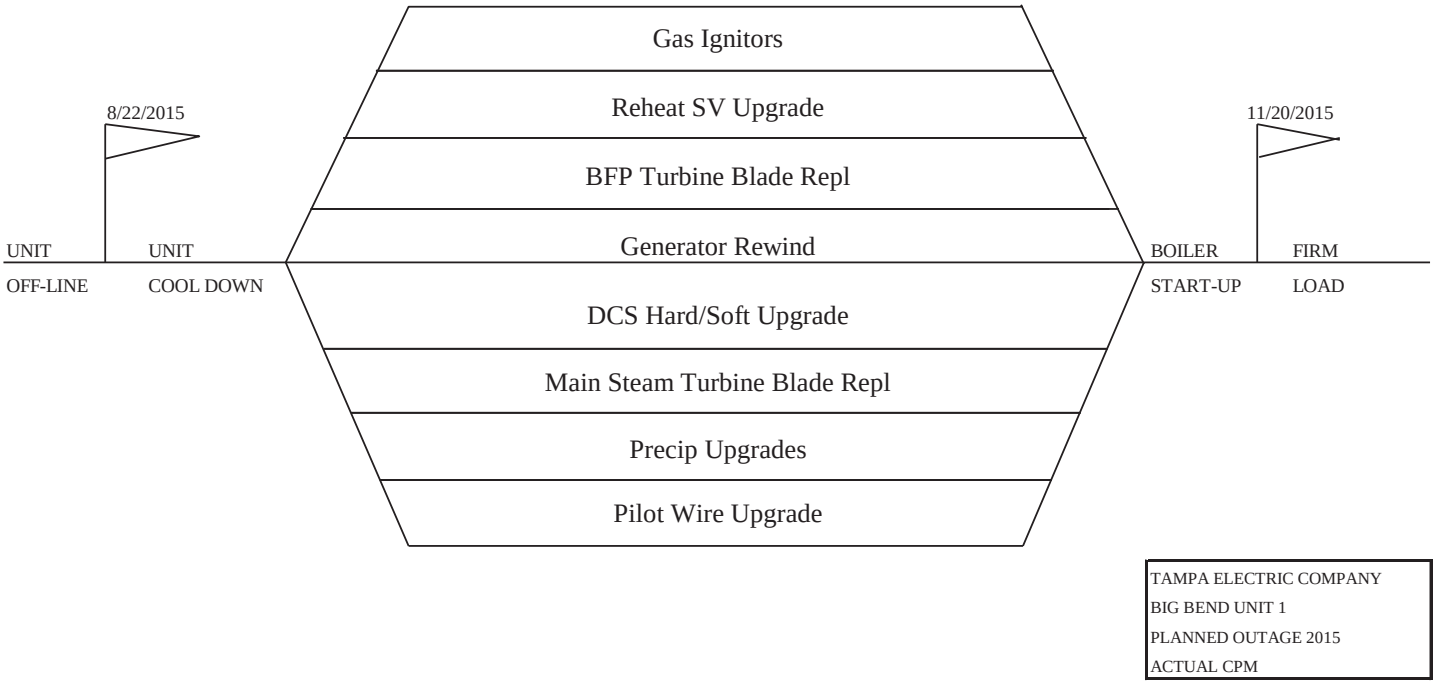
ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OUTPUT FACTOR

TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ACTUAL)
GPIF UNITS
JANUARY 2015 - DECEMBER 2015

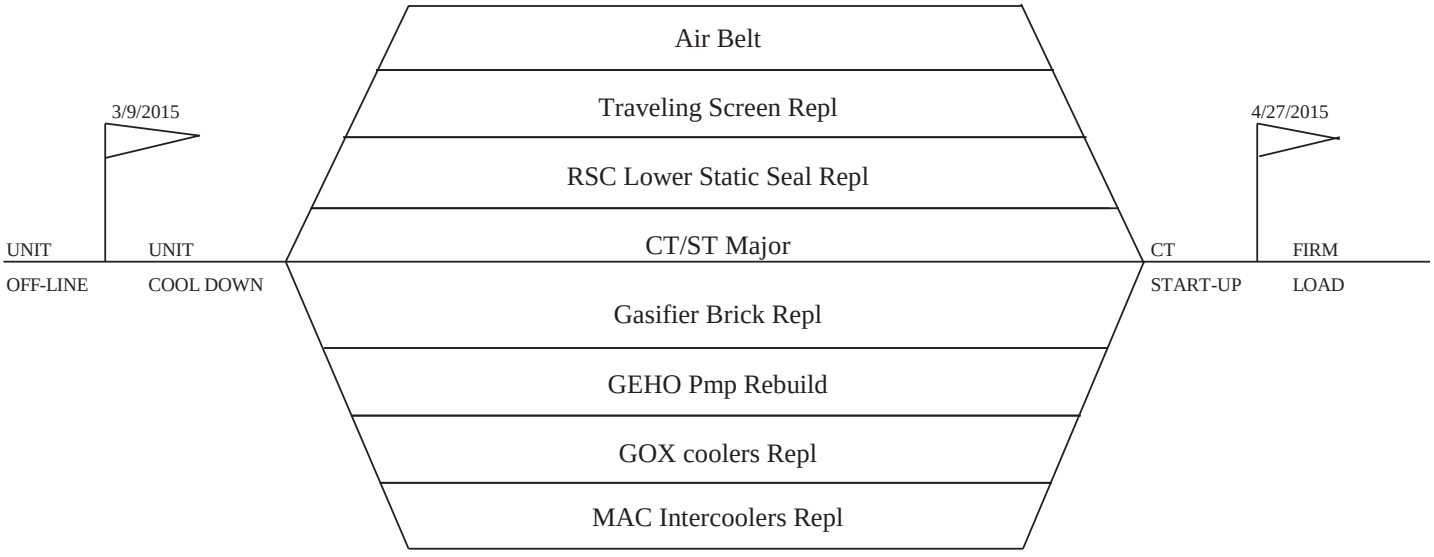
	PLANT / UNIT	PLANNED OUTAGE DATES			OUTAGE DESCRIPTION
+	BIG BEND 1	Jan 21	-	Jan 30	Fuel System Cleanup and FGD/SCR work
		Aug 22	-	Nov 20	Reheat SV Upgrade, BFP Turbine Blade Repl, DCS Hard/Soft Upgrade, Generator Rewind, Main Steam Turbine Blade Replac, Precip Upgrades, Pilot Wire Upgrade, Gas Ignitors
	BIG BEND 2	Jan 21	-	Jan 31	Fuel System Cleanup and FGD/SCR work
		May 26	-	Jun 12	Fuel System Cleanup and FGD/SCR work
	BIG BEND 3	Jan 05	-	Jan 18	Fuel System Cleanup and FGD/SCR work
	BIG BEND 4	May 01	-	May 15	Fuel System Cleanup and FGD/SCR work
+	POLK 1	Mar 09	-	Apr 27	CT/ST Major, Traveling Screen Repl, Gasifier Brick Repl, RSC Lower Static Seal Repl, Air Belt, GEHO Pmp Rebuild, GOX coolers repl, MAC Intercoolers Repl
+	BAYSIDE 1	Apr 12	-	Apr 24	Fuel System Cleanup
		Oct 23	-	Nov 22	Steam Turbine Intercept, Hot Reheat, Governor and Throttle valve maintenance. 1A, 1B, 1C Blowdown Tank replacment, HP to CRH attemperation system and valve, 1B Circ pump and motor
	BAYSIDE 2	Feb 22	-	Mar 08	Fuel System Cleanup
		Dec 01	-	Dec 13	Fuel System Cleanup

+ 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 2015 - DECEMBER 2015

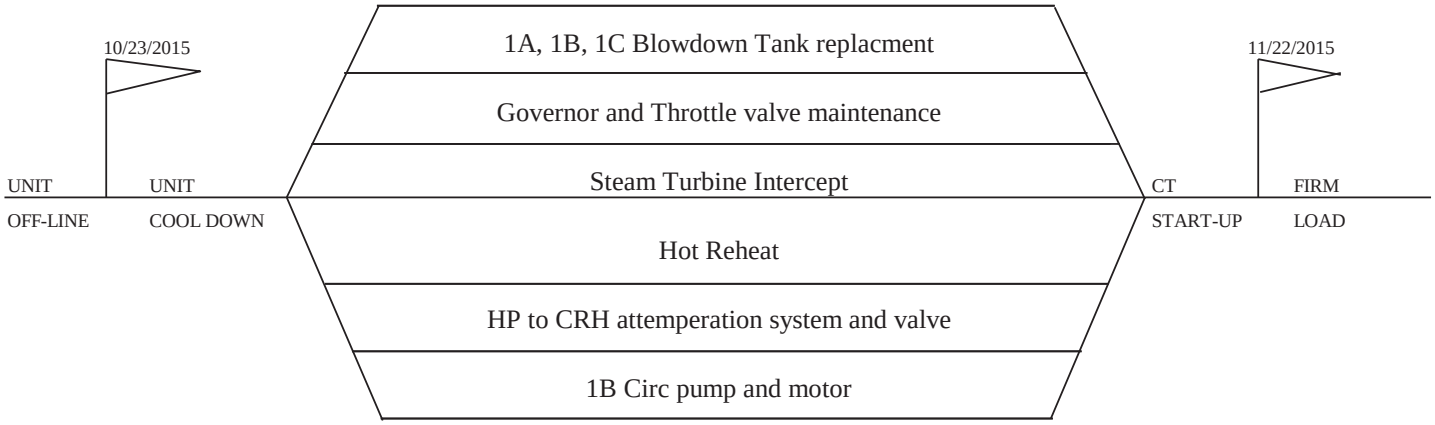


TAMPA ELECTRIC COMPANY
BIG BEND UNIT 1
PLANNED OUTAGE 2015
ACTUAL CPM



TAMPA ELECTRIC COMPANY
POLK UNIT 1
PLANNED OUTAGE 2015
ACTUAL CPM

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2015 - DECEMBER 2015



TAMPA ELECTRIC COMPANY
BAYSIDE UNIT 1
PLANNED OUTAGE 2015
ACTUAL CPM

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2015 - DECEMBER 2015

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	1,197.9	65.5	+10	1,299.3	10,368
+9	1,078.1	65.1	+9	1,169.4	10,380
+8	958.3	64.7	+8	1,039.5	10,392
+7	838.6	64.2	+7	909.5	10,404
+6	718.8	63.8	+6	779.6	10,416
+5	599.0	63.4	+5	649.7	10,428
+4	479.2	62.9	+4	519.7	10,440
+3	359.4	62.5	+3	389.8	10,452
+2	239.6	62.1	+2	259.9	10,464
+1	119.8	61.6	+1	129.9	10,476
					10,488
0	0.0	61.2	0	0.0	10,563
					10,638
-1	(28.5)	60.4	-1	(129.9)	10,649
-2	(57.0)	59.5	-2	(259.9)	10,661
-3	(85.5)	58.6	-3	(389.8)	10,673
-4	(114.0)	57.8	-4	(519.7)	10,685
-5	(142.4)	56.9	-5	(649.7)	10,697
-6	(170.9)	56.0	-6	(779.6)	10,709
-7	(199.4)	55.2	-7	(909.5)	10,721
-8	(227.9)	54.3	-8	(1,039.5)	10,733
-9	(256.4)	53.5	-9	(1,169.4)	10,745
-10	(284.9)	52.6	-10	(1,299.3)	10,757

EAF POINTS 2.288 → **Adjusted EAF 62.2**

AHR POINTS -10.000 → **Adjusted ANOHR 10,784**

Weighting Factor = 7.78%

Weighting Factor = 8.43%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2015 - DECEMBER 2015

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	314.8	79.2	+10	1,739.7	10,149
+9	283.3	78.8	+9	1,565.7	10,165
+8	251.8	78.4	+8	1,391.8	10,180
+7	220.3	78.0	+7	1,217.8	10,195
+6	188.9	77.6	+6	1,043.8	10,211
+5	157.4	77.2	+5	869.9	10,226
+4	125.9	76.8	+4	695.9	10,242
+3	94.4	76.4	+3	521.9	10,257
+2	63.0	76.0	+2	347.9	10,273
+1	31.5	75.6	+1	174.0	10,288
					10,304
0	0.0	75.2	0 ← **AHR POINTS 0.000**	0.0	**Adjusted ANOHR 10,383** → 10,379
					10,454
-1	(54.8)	74.4	-1	(174.0)	10,469
-2	(109.6)	73.6	-2	(347.9)	10,485
-3	(164.4)	72.8	-3	(521.9)	10,500
-4	(219.2)	72.0	-4	(695.9)	10,516
-5	(274.0)	71.2	-5	(869.9)	10,531
-6	(328.9)	70.4	-6	(1,043.8)	10,547
-7	(383.7)	69.6	-7	(1,217.8)	10,562
-8	(438.5)	68.8	-8	(1,391.8)	10,578
-9	(493.3)	68.1	-9	(1,565.7)	10,593
-10 ← **EAF POINTS -10.000**	(548.1)	**Adjusted EAF 46.2** → 67.3	-10	(1,739.7)	10,609

Weighting Factor = 2.04%

Weighting Factor = 11.29%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2015 - DECEMBER 2015

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	229.3	82.4	+10	1,382.3	10,326
+9	206.4	82.1	+9	1,244.1	10,336
+8	183.5	81.8	+8	1,105.9	10,345
+7	160.5	81.5	+7	967.6	10,355
+6	137.6	81.1	+6	829.4	10,364
+5	114.7	80.8	+5	691.2	10,373
+4	91.7	80.5	+4	552.9	10,383
+3	68.8	80.2	+3	414.7	10,392
+2	45.9	79.9	+2	276.5	10,402
+1	22.9	79.6	+1	138.2	10,411
					10,420
0	0.0	79.2	0	0.0	10,495
					10,570
-1	(57.3)	78.6	-1	(138.2)	10,580
-2	(114.5)	78.0	-2	(276.5)	10,589
-3	(171.8)	77.3	-3	(414.7)	10,599
-4	(229.1)	76.7	-4	(552.9)	10,608
-5	(286.3)	76.1	-5	(691.2)	10,617
-6	(343.6)	75.4	-6	(829.4)	10,627
-7	(400.8)	74.8	-7	(967.6)	10,636
-8	(458.1)	74.2	-8	(1,105.9)	10,646
-9	(515.4)	73.5	-9	(1,244.1)	10,655
-10	(572.6)	72.9	-10	(1,382.3)	10,664

AHR POINTS 10.000

Adjusted ANOHR 10,190

EAF POINTS -10.000

Adjusted EAF 70.0

Weighting Factor = 1.49%

Weighting Factor = 8.97%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2015 - DECEMBER 2015

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	635.7	83.2	+10	1,365.4	10,245
+9	572.1	83.0	+9	1,228.9	10,254
+8	508.5	82.7	+8	1,092.3	10,264
+7	445.0	82.4	+7	955.8	10,274
+6	381.4	82.1	+6	819.2	10,283
+5	317.8	81.8	+5	682.7	10,293
+4	254.3	81.5	+4	546.2	10,302
+3	190.7	81.2	+3	409.6	10,312
+2	127.1	80.9	+2	273.1	10,322
+1	63.6	80.6	+1	136.5	10,331
					10,341
0	0.0	80.3	0	0.0	10,416
					10,491
-1	(110.4)	79.7	-1	(136.5)	10,501
-2	(220.8)	79.1	-2	(273.1)	10,510
-3	(331.1)	78.5	-3	(409.6)	10,520
-4	(441.5)	77.9	-4	(546.2)	10,529
-5	(551.9)	77.3	-5	(682.7)	10,539
-6	(662.3)	76.8	-6	(819.2)	10,549
-7	(772.7)	76.2	-7	(955.8)	10,558
-8	(883.0)	75.6	-8	(1,092.3)	10,568
-9	(993.4)	75.0	-9	(1,228.9)	10,578
-10	(1,103.8)	74.4	-10	(1,365.4)	10,587

EAF POINTS -2.700

Adjusted EAF 78.7

AHR POINTS 0.000

Adjusted ANOHR 10,363

Weighting Factor = 4.13%

Weighting Factor = 8.86%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2015 - DECEMBER 2015

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	91.9	79.6	+10	2,564.5	10,020
+9	82.7	79.4	+9	2,308.1	10,065
+8	73.5	79.1	+8	2,051.6	10,111
+7	64.3	78.9	+7	1,795.2	10,157
+6	55.1	78.6	+6	1,538.7	10,203
+5	45.9	78.4	+5	1,282.3	10,248
+4	36.7	78.1	+4	1,025.8	10,294
+3	27.6	77.8	+3	769.4	10,340
+2	18.4	77.6	+2	512.9	10,386
+1	9.2	77.3	+1	256.5	10,431
					10,477
0	0.0	77.1	0	0.0	10,552
					10,627
-1	(22.2)	76.6	-1	(256.5)	10,673
-2	(44.4)	76.1	-2	(512.9)	10,719
-3	(66.6)	75.6	-3	(769.4)	10,764
-4	(88.9)	75.1	-4	(1,025.8)	10,810
-5	(111.1)	74.6	-5	(1,282.3)	10,856
-6	(133.3)	74.1	-6	(1,538.7)	10,902
-7	(155.5)	73.5	-7	(1,795.2)	10,947
-8	(177.7)	73.0	-8	(2,051.6)	10,993
-9	(199.9)	72.5	-9	(2,308.1)	11,039
-10	(222.1)	72.0	-10	(2,564.5)	11,085

EAF POINTS -10.000

Adjusted EAF 70.3

AHR POINTS 6.998

Adjusted ANOHR 10,157

Weighting Factor = 0.60%

Weighting Factor = 16.65%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2015 - DECEMBER 2015

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	522.4	91.2	+10	928.0	7,322
+9	470.2	91.0	+9	835.2	7,324
+8	417.9	90.9	+8	742.4	7,326
+7	365.7	90.8	+7	649.6	7,327
+6	313.5	90.6	+6	556.8	7,329
+5	261.2	90.5	+5	464.0	7,331
+4	209.0	90.4	+4	371.2	7,332
+3	156.7	90.2	+3	278.4	7,334
+2	104.5	90.1	+2	185.6	7,336
+1	52.2	90.0	+1	92.8	7,337
					7,339
0	0.0	89.9	0	0.0	7,414
					7,489
-1	(90.9)	89.6	-1	(92.8)	7,491
-2	(181.7)	89.3	-2	(185.6)	7,492
-3	(272.6)	89.1	-3	(278.4)	7,494
-4	(363.4)	88.8	-4	(371.2)	7,496
-5	(454.3)	88.6	-5	(464.0)	7,497
-6	(545.2)	88.3	-6	(556.8)	7,499
-7	(636.0)	88.1	-7	(649.6)	7,501
-8	(726.9)	87.8	-8	(742.4)	7,502
-9	(817.7)	87.5	-9	(835.2)	7,504
-10	(908.6)	87.3	-10	(928.0)	7,505

EAF POINTS 10.000

Adjusted EAF 92.6

AHR POINTS -10.000

Adjusted ANOHR 7,576

Weighting Factor = 3.39%

Weighting Factor = 6.02%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2015 - DECEMBER 2015

BAYSIDE 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	1,556.9	88.4	+10	1,576.8	7,351
+9	1,401.3	88.2	+9	1,419.1	7,354
+8	1,245.6	88.0	+8	1,261.4	7,356
+7	1,089.9	87.8	+7	1,103.8	7,358
+6	934.2	87.7	+6	946.1	7,360
+5	778.5	87.5	+5	788.4	7,362
+4	622.8	87.3	+4	630.7	7,364
+3	467.1	87.1	+3	473.0	7,366
+2	311.4	86.9	+2	315.4	7,368
+1	155.7	86.8	+1	157.7	7,370
					7,372
0	0.0	86.6	0	0.0	7,447
					7,522
-1	(6.4)	86.2	-1	(157.7)	7,524
-2	(12.8)	85.9	-2	(315.4)	7,526
-3	(19.3)	85.5	-3	(473.0)	7,528
-4	(25.7)	85.2	-4	(630.7)	7,530
-5	(32.1)	84.8	-5	(788.4)	7,532
-6	(38.5)	84.5	-6	(946.1)	7,534
-7	(45.0)	84.1	-7	(1,103.8)	7,536
-8	(51.4)	83.8	-8	(1,261.4)	7,538
-9	(57.8)	83.4	-9	(1,419.1)	7,540
-10	(64.2)	83.0	-10	(1,576.8)	7,542

EAF POINTS 10.000

Adjusted EAF 90.3

AHR POINTS -3.527

Adjusted ANOHR 7,529

Weighting Factor = 10.11%

Weighting Factor = 10.24%

TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE
JANUARY 2015 - DECEMBER 2015
EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD JAN 15 - DEC 15 POF	TARGET PERIOD JAN 15 - DEC 15 EUOF	TARGET PERIOD JAN 15 - DEC 15 EUOR	ACTUAL PERFORMANCE JAN 15 - DEC 15 POF	ACTUAL PERFORMANCE JAN 15 - DEC 15 EUOF	ACTUAL PERFORMANCE JAN 15 - DEC 15 EUOR
BIG BEND 1	7.78%	26.3%	23.0	15.8	20.5	27.0	14.0	19.2
BIG BEND 2	2.04%	6.9%	6.6	18.2	19.5	7.5	46.8	50.5
BIG BEND 3	1.49%	5.0%	6.6	14.2	15.2	3.7	24.1	25.0
BIG BEND 4	4.13%	14.0%	6.6	13.1	14.1	3.8	15.1	15.7
POLK 1	0.60%	2.0%	13.7	9.2	10.7	13.5	16.0	18.5
BAYSIDE 1	3.39%	11.5%	4.9	5.2	5.5	11.8	2.3	2.6
BAYSIDE 2	10.11%	34.2%	6.0	7.4	7.9	7.2	3.7	3.9
GPIF SYSTEM	**29.5%**	**100.0%**	**10.7**	**11.3**	**13.0**	**12.4**	**12.1**	**14.0**

GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%) **78.1** **75.5**

3 PERIOD AVERAGE POF	3 PERIOD AVERAGE EUOF	3 PERIOD AVERAGE EUOR	3 PERIOD AVERAGE EAF
9.8	**12.5**	**14.0**	**77.7**

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET HEAT RATE JAN 15 - DEC 15	ADJUSTED ACTUAL HEAT RATE JAN 15 - DEC 15
BIG BEND 1	8.43%	12.0%	10,563	10,784
BIG BEND 2	11.29%	16.0%	10,379	10,383
BIG BEND 3	8.97%	12.7%	10,495	10,190
BIG BEND 4	8.86%	12.6%	10,416	10,363
POLK 1	16.65%	23.6%	10,552	10,157
BAYSIDE 1	6.02%	8.5%	7,414	7,576
BAYSIDE 2	10.24%	14.5%	7,447	7,529
GPIF SYSTEM	**70.5%**	**100.0%**		

GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh) **9,782** **9,696**

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
JANUARY 2015 - DECEMBER 2015

Points are calculated according to the formula:

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

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 =	7.78%	*	(BB 1 EAP)	+	2.04%	*	(BB 2 EAP)	+	1.49%	*	(BB 3 EAP)
+	4.13%	*	(BB 4 EAP)	+	0.60%	*	(PK 1 EAP)	+	3.39%	*	(BAY 1 EAP)
+	10.11%	*	(BAY 2 EAP)	+	8.43%	*	(BB 1 AHRP)	+	11.29%	*	(BB 2 AHRP)
+	8.97%	*	(BB 3 AHRP)	+	8.86%	*	(BB 4 AHRP)	+	16.65%	*	(PK 1 AHRP)
+	6.02%	*	(BAY 1 AHRP)	+	10.24%	*	(BAY 2 AHRP)				

GPIP =	7.78%	*	2.288	+	2.04%	*	-10.000	+	1.49%	*	-10.000
+	4.13%	*	-2.700	+	0.60%	*	-10.000	+	3.39%	*	10.000
+	10.11%	*	10.000	+	8.43%	*	-10.000	+	11.29%	*	0.000
+	8.97%	*	10.000	+	8.86%	*	0.000	+	16.65%	*	6.998
+	6.02%	*	-10.000	+	10.24%	*	-3.527				

GPIP =	0.178	+	-0.204	+	-0.149
+	-0.111	+	-0.060	+	0.339
+	1.011	+	-0.843	+	0.000
+	0.897	+	0.000	+	1.165
+	-0.602	+	-0.361		

GPIP = 1.259 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 = $969,593

EXHIBIT NO. ___ (BSB-1)
TAMPA ELECTRIC COMPANY
DOCKET NO. 160001-EI
GPIF 2015 FINAL TRUE-UP
DOCUMENT NO. 2

EXHIBIT TO THE TESTIMONY OF

BRIAN S. BUCKLEY

DOCKET NO. 160001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2015 – DECEMBER 2015

TRUE-UP

DOCUMENT NO. 2

ACTUAL UNIT PERFORMANCE DATA

ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	63.0	86.8	76.6	93.3	80.0	86.3	72.3	28.0	0.0	0.0	29.1	94.8	59.0
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	532.3	672.0	681.9	719.6	642.6	719.7	720.0	270.5	0.0	0.0	223.4	741.2	5,923.1
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	211.8	0.0	61.1	0.4	101.4	0.3	24.0	473.5	720.0	744.0	497.6	2.8	2,836.9
6. POH	211.8	0.0	0.0	0.0	0.0	0.0	0.0	233.0	720.0	744.0	454.9	0.0	2,363.7
7. FOH	0.0	0.0	61.1	0.4	53.2	0.0	24.0	240.5	0.0	0.0	42.6	2.8	424.6
8. MOH	0.0	0.0	0.0	0.0	48.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	48.6
9. PFOH	506.9	677.8	668.6	705.8	605.8	651.7	715.4	258.0	0.0	0.0	61.4	537.7	5,389.2
10. LR PF (MW)	47.0	51.7	65.2	25.4	28.2	44.0	96.8	90.7	0.0	0.0	84.8	23.3	51.3
11. PMOH	13.4	0.3	6.3	6.3	8.1	51.1	4.6	4.1	0.0	0.0	0.0	8.8	102.8
12. LR PM (MW)	103.4	0.0	175.5	78.1	144.8	177.2	168.6	164.3	0.0	0.0	0.0	173.0	157.1
13. NSC (MW)	395.0	395.0	395.0	385.0	385.0	385.0	385.0	385.0	385.0	385.0	385.0	395.0	388.3
14. OPR BTU(GBTU)	1,839.1	2,360.6	2,350.0	2,664.7	2,375.0	2,381.3	2,277.5	715.5	0.0	0.0	469.8	2,000.7	19,434.3
15. NET GEN (MWH)	172,923	224,631	218,619	252,349	224,991	218,554	196,231	71,912	0	0	39,542	188,566	1,808,318
16. ANOHR (BTU/KWH)	10,635.5	10,509.0	10,749.5	10,559.6	10,556.2	10,895.7	11,606.2	9,949.0	0.0	0.0	11,881.3	10,610.2	10,747.0
17. NOF (%)	82.3	84.6	81.2	91.1	90.9	78.9	70.8	69.0	0.0	0.0	46.0	64.4	78.6
18. NPC (MW)	395.0	395.0	395.0	385.0	385.0	385.0	385.0	385.0	385.0	385.0	385.0	395.0	388.3
19. ANOHR EQUATION	ANOHR = NOF (2.316) + 10,343												

EXHIBIT NO._____ (BSB-1)
TAMPA ELECTRIC COMPANY
DOCKET NO. 160001-EI
DOCUMENT NO. 2
PAGE 1 OF 7

ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	25.9	0.0	36.8	76.2	55.3	0.4	0.0	20.0	81.5	73.0	82.0	95.4	45.8
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	231.3	0.0	345.1	720.0	527.7	2.6	0.0	158.3	602.2	543.9	612.1	744.0	4,487.2
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	512.7	672.0	397.9	0.0	216.3	717.4	744.0	585.7	117.8	200.1	108.9	0.0	4,272.8
6. POH	235.8	0.0	0.0	0.0	137.0	281.4	0.0	0.0	0.0	0.0	0.0	0.0	654.1
7. FOH	276.9	672.0	397.9	0.0	79.3	436.0	744.0	585.7	117.8	65.0	108.9	0.0	3,483.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.1	0.0	0.0	135.1
9. PFOH	227.3	0.0	339.4	701.7	506.2	0.0	0.0	115.2	143.3	3.2	46.0	508.6	2,590.9
10. LR PF (MW)	67.3	0.0	83.6	90.4	81.7	0.0	0.0	32.2	35.3	75.1	177.6	24.7	68.8
11. PMOH	0.5	0.0	0.0	18.3	21.5	0.0	0.0	0.0	15.5	0.0	0.0	6.0	61.8
12. LR PM (MW)	0.0	0.0	0.0	134.2	160.4	0.0	0.0	0.0	49.3	0.0	0.0	171.5	124.5
13. NSC (MW)	395.0	395.0	395.0	385.0	385.0	385.0	385.0	385.0	385.0	385.0	385.0	395.0	387.9
14. OPR BTU(GBTU)	738.9	0.0	1,079.5	2,183.4	1,635.5	0.0	0.0	298.9	2,035.9	1,818.0	1,961.1	2,154.8	13,906.0
15. NET GEN (MWH)	69,574	0	102,284	203,080	152,610	4	0	32,495	199,727	172,338	188,364	204,972	1,325,448
16. ANOHR (BTU/KWH)	10,619.6	0.0	10,554.4	10,751.3	10,717.1	0.0	0.0	9,197.7	10,193.5	10,549.3	10,411.1	10,512.6	10,492.0
17. NOF (%)	76.1	0.0	75.0	73.3	75.1	0.4	0.0	53.3	86.2	82.3	79.9	69.7	76.1
18. NPC (MW)	395.0	395.0	395.0	385.0	385.0	385.0	385.0	385.0	385.0	385.0	385.0	395.0	388.3
19. ANOHR EQUATION	ANOHR = NOF (-6.562) + 10,987												

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TAMPA ELECTRIC COMPANY

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BIG BEND 3	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	41.7	37.9	0.0	71.5	96.7	93.6	95.6	98.8	66.9	98.2	64.0	97.8	72.2
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	311.0	290.1	0.0	530.7	740.2	706.9	738.1	744.0	509.5	744.0	566.4	744.0	6,625.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	433.0	381.9	743.0	189.3	3.8	13.1	5.9	0.0	210.5	0.0	154.6	0.0	2,135.0
6. POH	328.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	328.0
7. FOH	105.0	381.9	743.0	189.3	3.8	13.1	5.9	0.0	210.5	0.0	0.0	0.0	1,652.4
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	154.6	0.0	154.6
9. PFOH	12.5	94.5	0.0	29.5	6.9	79.4	284.9	2.8	199.9	50.8	323.8	17.1	1,102.0
10. LR PF (MW)	19.0	117.3	0.0	166.5	211.8	28.7	18.5	18.8	54.3	76.5	127.9	14.5	74.1
11. PMOH	0.0	26.0	0.0	9.3	34.0	50.2	33.4	26.7	0.0	7.8	0.0	26.9	214.3
12. LR PM (MW)	0.0	118.4	0.0	148.1	197.4	213.5	162.6	134.9	0.0	168.1	0.0	235.7	180.0
13. NSC (MW)	400.0	400.0	400.0	395.0	395.0	395.0	395.0	395.0	395.0	395.0	395.0	400.0	396.7
14. OPR BTU(GBTU)	1,230.4	975.0	0.0	1,897.9	2,936.1	2,654.3	2,670.8	2,668.7	1,614.3	2,501.7	1,602.8	2,256.6	23,008.6
15. NET GEN (MWH)	118,033	96,603	0	182,744	284,110	253,297	257,420	266,585	154,930	241,831	151,651	215,976	2,223,180
16. ANOHR BTU/KWH	10,424.4	10,093.2	0.0	10,385.6	10,334.5	10,478.9	10,375.3	10,010.6	10,419.6	10,344.7	10,569.3	10,448.2	10,349.0
17. NOF (%)	94.9	83.2	0.0	87.2	97.2	90.7	88.3	90.7	77.0	82.3	67.8	72.6	84.6
18. NPC (MW)	400.0	400.0	400.0	395.0	395.0	395.0	395.0	395.0	395.0	395.0	395.0	400.0	396.7
19. ANOHR EQUATION	ANOHR = NOF (-20.119) + 12,356												

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BIG BEND 4	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	89.3	94.2	71.6	75.1	46.7	99.4	56.2	100.0	96.9	67.3	88.5	90.7	81.1
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	737.2	672.0	690.9	625.1	367.7	720.0	418.9	744.0	720.0	545.3	639.0	744.0	7,624.1
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	6.8	0.0	52.1	94.9	376.3	0.0	325.1	0.0	0.0	198.7	82.0	0.0	1,135.9
6. POH	0.0	0.0	0.0	0.0	334.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	334.1
7. FOH	6.8	0.0	52.1	94.9	8.3	0.0	325.1	0.0	0.0	172.6	82.0	0.0	741.8
8. MOH	0.0	0.0	0.0	0.0	33.9	0.0	0.0	0.0	0.0	26.1	0.0	0.0	60.0
9. PFOH	623.5	385.3	574.2	593.8	111.1	4.4	1.4	0.6	600.7	314.9	19.1	219.0	3,448.1
10. LR PF (MW)	49.6	43.8	114.9	62.2	78.9	188.1	93.1	232.6	15.8	50.3	23.3	83.3	59.3
11. PMOH	5.3	2.0	16.5	0.5	5.3	7.6	1.0	1.3	6.1	18.4	1.3	45.3	110.6
12. LR PM (MW)	265.2	241.9	255.9	0.0	27.9	132.2	139.6	0.0	41.1	206.8	0.0	271.5	214.6
13. NSC (MW)	442.0	442.0	442.0	437.0	437.0	437.0	437.0	437.0	437.0	437.0	437.0	442.0	438.9
14. OPR BTU(GBTU)	2,913.0	2,749.4	2,353.6	2,425.6	1,361.2	2,890.1	1,674.1	3,148.2	2,886.7	1,947.9	2,304.4	2,079.6	28,733.9
15. NET GEN (MWH)	281,282	265,001	220,972	227,208	132,124	279,714	162,158	307,507	277,454	184,264	228,039	203,385	2,769,108
16. ANOHR BTU/KWH	10,356.0	10,375.0	10,651.3	10,675.5	10,302.7	10,332.2	10,323.7	10,237.9	10,404.2	10,571.5	10,105.5	10,225.1	10,377.0
17. NOF (%)	86.3	89.2	72.4	83.2	82.2	88.9	88.6	94.6	88.2	77.3	81.7	61.8	82.8
18. NPC (MW)	442.0	442.0	442.0	437.0	437.0	437.0	437.0	437.0	437.0	437.0	437.0	442.0	438.7
19. ANOHR EQUATION	ANOHR = NOF (-0.940) + 10,508												

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POLK 1	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	99.5	97.4	28.1	0.0	46.4	82.6	84.1	81.4	93.9	43.3	96.0	96.0	70.5
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	740.4	654.6	208.6	0.0	345.2	594.5	625.7	422.0	652.6	322.2	692.5	714.0	5,972.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183.7	23.8	0.0	0.0	0.0	207.5
5. UH	3.6	17.4	534.4	720.0	398.8	125.5	118.3	138.3	43.6	421.8	28.5	30.0	2,580.4
6. POH	0.0	0.0	534.4	644.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,178.4
7. FOH	3.6	17.4	0.0	76.0	398.8	8.8	118.3	131.0	43.6	421.8	28.5	30.0	1,278.0
8. MOH	0.0	0.0	0.0	0.0	0.0	116.8	0.0	7.3	0.0	0.0	0.0	0.0	124.1
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)	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0
14. OPR BTU(GBTU)	1,637.4	1,517.2	433.3	0.3	538.1	846.0	1,336.3	1,010.9	1,444.9	721.7	1,544.2	1,676.9	12,707.2
15. NET GEN (MWH)	164,627	147,869	43,671	-4,977	60,354	89,147	133,922	91,110	141,235	66,099	149,054	155,269	1,237,380
16. ANOHR BTU/KWH	9,946.3	10,260.7	9,921.4	0.0	8,916.3	9,490.2	9,978.1	11,095.1	10,230.2	10,918.9	10,360.2	10,799.7	10,269.0
17. NOF (%)	101.1	102.7	95.2	0.0	79.5	68.2	97.3	98.1	98.4	93.3	97.8	98.8	94.2
18. NPC (MW)	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0
19. ANOHR EQUATION	ANOHR = NOF (-47.266) + 15,117												

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BAYSIDE UNIT 1	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	96.5	91.5	100.0	54.5	98.3	99.7	98.2	98.0	98.9	68.8	26.7	98.9	85.9
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	415.9	663.6	743.0	418.7	744.0	720.0	744.0	739.4	720.0	540.6	177.6	735.5	7,362.3
4. RSH	328.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	14.9	0.0	343.4
5. UH	0.0	8.4	0.0	300.9	0.0	0.0	0.0	4.6	0.0	203.4	528.5	8.5	1,054.3
6. POH	0.0	0.0	0.0	300.9	0.0	0.0	0.0	0.0	0.0	203.4	528.5	0.0	1,032.8
7. FOH	0.0	8.4	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	13.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	8.5
9. PFOH	30.6	146.5	0.0	7.7	31.7	0.7	0.0	23.0	13.5	32.5	0.0	0.6	286.8
10. LR PF (MW)	264.0	264.0	0.0	233.7	233.7	233.7	0.0	233.7	233.7	233.7	0.0	9.9	251.9
11. PMOH	47.0	0.0	0.0	720.0	6.9	5.3	39.1	9.0	11.2	53.2	0.0	0.0	891.6
12. LR PM (MW)	264.0	0.0	0.0	23.4	233.7	233.7	233.7	233.7	233.7	233.7	0.0	0.0	65.5
13. NSC (MW)	792.0	792.0	792.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	792.0	731.3
14. OPR BTU(GBTU)	1,180.6	2,396.4	2,947.0	1,419.8	2,689.6	2,837.4	2,923.9	2,834.3	2,787.2	1,971.4	549.9	2,383.2	26,920.7
15. NET GEN (MWH)	157,484	320,208	401,081	189,512	363,344	387,907	396,532	387,939	383,082	269,481	71,872	320,827	3,649,270
16. ANOHR (BTU/KWH)	7,496.5	7,483.7	7,347.7	7,491.9	7,402.4	7,314.6	7,373.8	7,306.1	7,275.8	7,315.4	7,650.6	7,428.3	7,377.0
17. NOF (%)	47.8	60.9	68.2	64.6	69.7	76.9	76.0	74.8	75.9	71.1	57.7	55.1	67.8
18. NPC (MW)	792.0	792.0	792.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	792.0	731.3
19. ANOHR EQUATION	ANOHR = NOF (-12.819) + 8,084												

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BAYSIDE UNIT 2	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	97.7	73.7	73.0	99.5	97.1	99.7	98.7	94.7	96.2	100.0	80.5	58.7	89.2
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	731.8	304.8	562.9	720.0	744.0	720.0	744.0	744.0	720.0	744.0	580.5	440.0	7,756.1
4. RSH	12.2	221.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	234.2
5. UH	0.0	145.2	180.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140.5	304.0	769.7
6. POH	0.0	145.2	180.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	301.8	627.1
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140.5	2.1	142.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	25.8	2.7	18.5	15.0	80.1	7.2	1.9	3.8	0.2	0.0	0.0	3.3	158.5
10. LR PF (MW)	261.8	261.8	261.8	232.3	232.3	232.3	232.3	232.3	232.3	0.0	0.0	261.8	241.6
11. PMOH	43.9	672.0	553.0	0.0	7.4	0.0	37.4	154.5	108.9	0.0	0.0	2.7	1,579.9
12. LR PM (MW)	261.8	47.7	30.2	0.0	232.3	0.0	232.3	232.3	232.3	0.0	0.0	1,047.0	85.2
13. NSC (MW)	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	1,047.0	968.3
14. OPR BTU(GBTU)	3,120.6	1,392.9	2,668.5	3,603.2	3,527.2	3,730.5	4,141.5	3,920.5	3,692.9	4,103.0	3,446.3	1,623.7	38,970.9
15. NET GEN (MWH)	416,548	184,652	358,379	475,545	475,533	507,368	562,236	537,122	507,647	558,978	465,744	217,411	5,267,164
16. ANOHR (BTU/KWH)	7,491.6	7,543.4	7,446.1	7,576.9	7,417.4	7,352.7	7,366.0	7,299.2	7,274.6	7,340.2	7,399.5	7,468.3	7,399.0
17. NOF (%)	54.4	57.9	60.8	71.1	68.8	75.9	81.3	77.7	75.9	80.9	86.4	47.2	70.1
18. NPC (MW)	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	1,047.0	968.3
19. ANOHR EQUATION	ANOHR = NOF (-7.052) + 7,811												

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