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March 16, 2022

VIA: ELECTRONIC FILING

Mr. Adam J. Teitzman
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. 20220001-EI

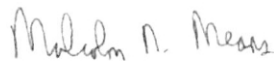
Dear Mr. Teitzman:

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 2021.
2. Prepared Direct Testimony and Exhibit of Patrick A. Bokor regarding Generating Performance Incentive Factor True-Up for the period January 2021 through December 2021.

Thank you for your assistance in connection with this matter.

Sincerely,



Malcolm N. Means

MNM/bmp
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 2022 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.: 20220001-EI
FILED: March 16, 2022

**TAMPA ELECTRIC COMPANY'S PETITION FOR APPROVAL OF
GENERATING PERFORMANCE INCENTIVE FACTOR RESULTS
FOR THE TWELVE-MONTH PERIOD ENDING DECEMBER 2021**

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 2021. In support of this Petition, Tampa Electric states as follows:

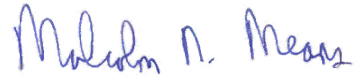
1. By Order No. PSC-2020-0439-FOF-EI, dated November 16, 2020, the Commission approved Tampa Electric's GPIF targets for the period January 2021 through December 2021. The application of the GPIF formula to the performance of the company's GPIF units during that period produces a reward of \$546,170. The calculation of the company's GPIF reward is discussed and supported in the prepared direct testimony and exhibit of Tampa Electric witness Patrick A. Bokor, 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 \$546,170 as its GPIF reward for the period ending December 2021 and authorize the inclusion of this amount in the calculation of Tampa Electric's fuel factors for the period beginning January 2023.

DATED this 16th day of March 2022.

Respectfully submitted,



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

ATTORNEYS FOR TAMPA ELECTRIC COMPANY



BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20220001-EI
IN RE: FUEL & PURCHASED POWER COST RECOVERY
AND
CAPACITY COST RECOVERY

GENERATING PERFORMANCE INCENTIVE FACTOR
TRUE-UP
JANUARY 2021 THROUGH DECEMBER 2021

TESTIMONY AND EXHIBIT
OF
PATRICK A. BOKOR

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **PATRICK A. BOKOR**

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

8
9 **A.** My name is Patrick A. Bokor. My business address is 702 North
10 Franklin Street, Tampa, Florida 33602. I am employed by Tampa
11 Electric Company ("Tampa Electric" or "company") in the
12 position of Manager, Gas & Power Trading.

13
14 **Q.** Please provide a brief outline of your educational background
15 and business experience.

16
17 **A.** I received a Bachelor of Science degree in Accounting in
18 2000 from the University of Florida and a Master of Business
19 Administration in 2010 from the University of Tampa. I have
20 accumulated 16 years of experience in the electric industry,
21 with experience in the areas of unit commitment and economic
22 dispatch, power and gas trading, accounting, and risk
23 management. In my current role, I am responsible for the
24 oversight of trading activities for the gas and power
25 traders. Specifically, I am responsible for natural gas and

1 power trading activities and work closely with the company's
2 unit commitment team to provide low cost, reliable power to
3 our customers. In addition, I am responsible for portfolio
4 optimization and the Optimization Mechanism as it relates to
5 natural gas and power.

6
7 **Q.** What is the purpose of your testimony?

8
9 **A.** The purpose of my testimony is to present Tampa Electric's
10 actual performance results from unit equivalent availability
11 and heat rate used to determine the Generating Performance
12 Incentive Factor ("GPIF") for the period January 2021 through
13 December 2021. I will also compare these results to the
14 targets established for the period.

15
16 **Q.** Have you prepared an exhibit to support your testimony?

17
18 **A.** Yes, I prepared Exhibit No. PAB-1, consisting of two
19 documents. Document No. 1, entitled "GPIF Schedules" is
20 consistent with the GPIF Implementation Manual approved by
21 the Florida Public Service Commission ("FPSC" or
22 "Commission"). Document No. 2 provides the company's Actual
23 Unit Performance Data for the 2021 period.

24
25 **Q.** Which generating units on Tampa Electric's system are included

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in the determination of the GPIF?

A. Polk Units 1 and 2, Bayside Units 1 and 2, and Big Bend Unit 4 are included in the calculation of the GPIF.

Q. Have you calculated the results of Tampa Electric's performance under the GPIF during the January 2021 through December 2021 period?

A. Yes, I have. This is shown on Document No. 1, page 4 of 26. Based upon 0.780 Generating Performance Incentive Points ("GPIP"), the result is a reward amount of \$546,170 for the period.

Q. Please proceed with your review of the actual results for the January 2021 through December 2021 period.

A. On Document No. 1, page 3 of 26, the actual average common equity for the period is shown on line 14 as \$3,796,594. This produces the maximum penalty or reward amount of \$7,001,961 as shown on line 23.

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

1 **A.** Yes. Operating data for each of the units is filed monthly
2 with the Commission on the Actual Unit Performance Data form.
3 Additionally, outage information is reported to the Commission
4 monthly. A summary of this data for the 12 months provides
5 the basis for the GPIF.

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

10
11 **A.** No. Adjustments to actual equivalent availability may be
12 required as noted in Section 4.3.3 of the GPIF Manual. The
13 actual equivalent availability including the required
14 adjustment is shown on Document No. 1, page 6 of 26, column
15 4. The necessary adjustments as prescribed in the GPIF Manual
16 are further defined by a letter dated October 23, 1981, from
17 Mr. J. H. Hoffsis of the Commission's Staff. The adjustments
18 for each unit are as follows:

19
20 **Big Bend Unit No. 4**

21 On this unit, 1,416 planned outage hours were originally
22 scheduled for 2021. Actual outage activities required 1,638.6
23 planned outage hours. Consequently, the actual equivalent
24 availability of 55.0 percent is adjusted to 70.6 percent, as
25 shown on Document No. 1, page 7 of 26.

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Polk Unit No. 1

On this unit, 672 planned outage hours were originally scheduled for 2021. Actual outage activities required 779.3 planned outage hours. Consequently, the actual equivalent availability of 45.7 percent is adjusted to 46.3 percent, as shown on Document No. 1, page 8 of 26.

Polk Unit No. 2

On this unit, 1,416 planned outage hours were originally scheduled for 2021. Actual outage activities required 966.8 planned outage hours. Consequently, the actual equivalent availability of 85.3 percent is adjusted to 80.3 percent, as shown on Document No. 1, page 9 of 26.

Bayside Unit No. 1

On this unit, 336 planned outage hours were originally scheduled for 2021. Actual outage activities required 472 planned outage hours. Consequently, the actual equivalent availability of 88.8 percent is adjusted to 90.3 percent, as shown on Document No. 1, page 10 of 26.

Bayside Unit No. 2

On this unit, 336 planned outage hours were originally scheduled for 2021. Actual outage activities required 480.3 planned outage hours. Consequently, the actual equivalent

1 availability of 92.6 percent is adjusted to 94.3 percent, as
2 shown on Document No. 1, page 11 of 26.

3
4 **Q.** How did you arrive at the applicable equivalent availability
5 points for each unit?

6
7 **A.** The final adjusted equivalent availabilities for each unit
8 are shown on Document No. 1, page 6 of 26, column 4. This
9 number is incorporated in the respective GPIF table for each
10 unit, shown on pages 20 through 24 of 26. Page 4 of 26
11 summarizes the weighted equivalent availability points to be
12 awarded or penalized.

13
14 **Q.** Will you please explain the heat rate results relative to the
15 GPIF?

16
17 **A.** The actual heat rate and adjusted actual heat rate for Tampa
18 Electric's five GPIF units are shown on Document No. 1, page
19 6 of 26. The adjustment was developed based on the guidelines
20 of Section 4.3.16 of the GPIF Manual. This procedure is
21 further defined by a letter dated October 23, 1981, from Mr.
22 J. H. Hoffsis of the FPSC Staff. The final adjusted actual
23 heat rates are also shown on page 5 of 26, column 9. The heat
24 rate value is incorporated in the respective GPIF table for
25 each unit, shown on pages 20 through 24 of 26. Page 4 of 26

1 summarizes the weighted heat rate points to be awarded or
2 penalized.

3
4 **Q.** What is the overall GPIF for Tampa Electric for the January
5 2021 through December 2021 period?

6
7 **A.** This is shown on Document No. 1, page 2 of 26. The weighting
8 factors shown on page 4 of 26, column 3, plus the equivalent
9 availability points and the heat rate points shown on page 4
10 of 26, column 4, are substituted within the equation found on
11 page 26 of 26. The resulting value of 0.780 is in the GPIF
12 table on page 2 of 26, and the reward amount of \$546,170 is
13 calculated using linear interpolation.

14
15 **Q.** Are there any other constraints set forth by the Commission
16 regarding the magnitude of incentive dollars?

17
18 **A.** Yes. Incentive dollars are not to exceed 50 percent of fuel
19 savings. Tampa Electric met this constraint, limiting the
20 total potential reward and penalty incentive dollars to
21 \$7,001,961 as shown in Document No. 1, page 3.

22
23 **Q.** Does this conclude your testimony?

24
25 **A.** Yes.

GENERATING PERFORMANCE INCENTIVE FACTOR

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1	GPIF Schedules	9
2	Actual Unit Performance Data	36

EXHIBIT NO. PAB-1
TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
GPIF 2021 FINAL TRUE-UP
DOCUMENT NO. 1

EXHIBIT TO THE TESTIMONY OF
PATRICK A. BOKOR

DOCKET NO. 20220001-EI

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2021 - DECEMBER 2021
TRUE-UP

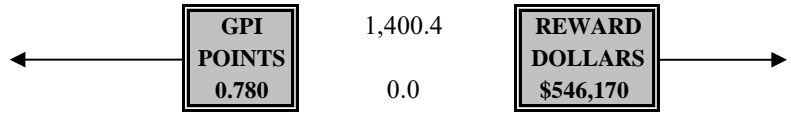
DOCUMENT NO. 1
GPIF SCHEDULES

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2021 - DECEMBER 2021
TRUE-UP
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**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE - ACTUAL
JANUARY 2021 - DECEMBER 2021**

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) (\$000)	GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)
+10	14,003.9	7,002.0
+9	12,603.5	6,301.8
+8	11,203.1	5,601.6
+7	9,802.7	4,901.4
+6	8,402.4	4,201.2
+5	7,002.0	3,501.0
+4	5,601.6	2,800.8
+3	4,201.2	2,100.6
+2	2,800.8	1,400.4
+1	1,400.4	700.2
0	0.0	0.0
-1	(1,450.1)	(700.2)
-2	(2,900.2)	(1,400.4)
-3	(4,350.3)	(2,100.6)
-4	(5,800.4)	(2,800.8)
-5	(7,250.5)	(3,501.0)
-6	(8,700.6)	(4,201.2)
-7	(10,150.7)	(4,901.4)
-8	(11,600.7)	(5,601.6)
-9	(13,050.8)	(6,301.8)
-10	(14,500.9)	(7,002.0)



**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
JANUARY 2021 - DECEMBER 2021**

Line 1	Beginning of period balance of common equity:		\$	3,554,661,131
	End of month common equity:			
Line 2	Month of January	2021	\$	3,576,400,212
Line 3	Month of February	2021	\$	3,638,551,304
Line 4	Month of March	2021	\$	3,659,200,499
Line 5	Month of April	2021	\$	3,615,814,314
Line 6	Month of May	2021	\$	3,771,407,369
Line 7	Month of June	2021	\$	3,810,636,583
Line 8	Month of July	2021	\$	3,856,611,946
Line 9	Month of August	2021	\$	3,917,015,558
Line 10	Month of September	2021	\$	3,958,274,963
Line 11	Month of October	2021	\$	3,996,433,814
Line 12	Month of November	2021	\$	3,991,521,642
Line 13	Month of December	2021	\$	4,006,405,387
Line 14	(Summation of line 1 through line 13 divided by 13)		\$	3,796,379,594
Line 15	25 Basis points			0.0025
Line 16	Revenue Expansion Factor			73.87%
Line 17	Maximum Allowed Incentive Dollars (line 14 times line 15 divided by line 16)		\$	12,848,828
Line 18	Jurisdictional Sales			20,088,329 MWH
Line 19	Total Sales			20,088,329 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)		\$	12,848,828
Line 22	Incentive Cap (50% of projected fuel savings at 10 GPIF-Point level from Sheet No. 3.515)		\$	7,001,961
Line 23	Maximum Allowed GPIF Reward (At 10 GPIF-Point Level; the lesser of line 21 and line 22)		\$	7,001,961

**TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
JANUARY 2021 - DECEMBER 2021**

<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 4	70.6%	EAF	1.29%	10.000	0.129
POLK 1	46.3%	EAF	4.82%	-10.000	-0.482
POLK 2	80.3%	EAF	1.53%	-1.091	-0.017
BAYSIDE 1	90.3%	EAF	16.01%	-10.000	-1.601
BAYSIDE 2	94.3%	EAF	7.45%	10.000	0.745
BIG BEND 4	11,200	ANOHR	13.68%	5.570	0.762
POLK 1	9,360	ANOHR	8.34%	4.232	0.353
POLK 2	6,976	ANOHR	23.74%	0.000	0.000
BAYSIDE 1	7,343	ANOHR	10.83%	0.000	0.000
BAYSIDE 2	7,330	ANOHR	<u>12.31%</u>	7.239	<u>0.891</u>
			100.00%		0.780

GPIF REWARD	\$ 546,170
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**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>EST. FUEL SAVINGS/LOSS (\$000)</u>
BIG BEND 4	1.29%	54.0	60.7	40.4	181.0	(860.3)	70.6%	181.0
POLK 1	4.82%	77.7	82.1	72.4	675.5	(1,134.0)	46.3%	(1,134.0)
POLK 2	1.53%	80.6	82.1	77.7	213.7	(1,325.4)	80.3%	(144.7)
BAYSIDE 1	16.01%	93.9	94.5	92.6	2,242.6	(74.8)	90.3%	(74.8)
BAYSIDE 2	<u>7.45%</u>	90.9	92.2	88.5	<u>1,043.8</u>	<u>(1,459.2)</u>	94.3%	1,043.8
GPIF SYSTEM	31.11%				4,356.7	(4,853.7)		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

<u>PLANT / UNIT</u>	<u>WEIGHTING FACTOR (%)</u>	<u>TARGET</u>		<u>ANOHR TARGET RANGE</u>		<u>MAX. FUEL SAVINGS (\$000)</u>	<u>MAX. FUEL LOSS (\$000)</u>	<u>ACTUAL ADJUSTED ANOHR</u>	<u>EST. FUEL SAVINGS/LOSS (\$000)</u>
		<u>ANOHR (Btu/kwh)</u>	<u>NOF (%)</u>	<u>MIN.</u>	<u>MAX.</u>				
BIG BEND 4	13.68%	11,576	43.0	10,961	12,191	1,916.4	(1,916.4)	11,200	1,067.4
POLK 1	8.34%	9,684	82.1	9,020	10,348	1,167.3	(1,167.3)	9,360	494.0
POLK 2	23.74%	6,940	81.0	6,755	7,125	3,324.1	(3,324.1)	6,976	0.0
BAYSIDE 1	10.83%	7,352	79.6	7,244	7,460	1,516.3	(1,516.3)	7,343	0.0
BAYSIDE 2	<u>12.31%</u>	7,439	63.3	7,317	7,560	<u>1,723.2</u>	<u>(1,723.2)</u>	7,330	1,247.5
GPIF SYSTEM	68.89%					9,647.3	(9,647.3)		

**TAMPA ELECTRIC COMPANY
UNIT PERFORMANCE DATA - ACTUAL
JANUARY 2021 - DECEMBER 2021**

<u>PLANT / UNIT</u>	<u>ACTUAL EAF (%)</u>	<u>ADJUSTMENTS (1) TO EAF (%)</u>	<u>EAF ADJUSTED ACTUAL (%)</u>
BIG BEND 4	55.0	15.6	70.6
POLK 1	45.7	0.6	46.3
POLK 2	85.3	-5.0	80.3
BAYSIDE 1	88.8	1.5	90.3
BAYSIDE 2	92.6	1.7	94.3

<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 4	10,752	448	11,200
POLK 1	9,436	-76	9,360
POLK 2	7,087	-111	6,976
BAYSIDE 1	7,417	-74	7,343
BAYSIDE 2	7,389	-59	7,330

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

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

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 4
JANUARY 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 1.29%

	<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	54.0	55.0	70.6
POH	1,416.0	1,638.6	1,416.0
FOH + EFOH	1,556.8	563.1	580.7
MOH + EMOH	1,060.2	559.7	577.2
POF	16.2	18.7	16.2
EFOF	17.8	6.4	6.6
EMOF	12.1	6.4	6.6
	10.000	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1416}{8760 - 1638.6} \times (563.1 + 559.7) = 1,157.9$$

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

$$100 - 16.2 - \frac{1,157.9}{8,760.0} \times 100 = 70.6$$

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
POLK UNIT NO. 1
JANUARY 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 4.82%

	<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	77.7	45.7	46.3
POH	672.0	779.3	672.0
FOH + EFOH	422.1	3,980.4	4,033.9
MOH + EMOH	855.8	0.0	0.0
POF	7.7	8.9	7.7
EFOF	4.8	45.4	46.0
EMOF	9.8	0.0	0.0
	-10.000	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 672}{8760 - 779.3} \times (3980.4 + 0) = 4,033.9$$

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

$$100 - 7.7 - \frac{4033.9}{8,760.0} \times 100 = 46.3$$

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
POLK UNIT NO. 2
JANUARY 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 1.53%

	<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	80.6	85.3	80.3
POH	1,416.0	966.8	1,416.0
FOH + EFOH	100.6	126.2	118.9
MOH + EMOH	181.3	196.0	184.7
POF	16.2	11.0	16.2
EFOF	1.1	1.4	1.4
EMOF	2.1	2.2	2.1
	-1.091	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1416}{8760 - 966.8} \times (126.2 + 196) = 303.6$$

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

$$100 - 16.2 - \frac{303.6}{8,760.0} \times 100 = 80.3$$

- 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 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 16.01%

	<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	93.9	88.8	90.3
POH	336.0	472.0	336.0
FOH + EFOH	94.5	135.4	137.6
MOH + EMOH	105.6	374.6	380.7
POF	3.8	5.4	3.8
EFOF	1.1	1.5	1.6
EMOF	1.2	4.3	4.3
	-10.000	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 336}{8760 - 472} \times (135.4 + 374.6) = 518.4$$

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

$$100 - 3.8 - \frac{518.4}{8,760.0} \times 100 = 90.3$$

- 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 PERFORMANCE
BAYSIDE UNIT NO. 2
JANUARY 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 7.45%

	<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	90.9	92.6	94.3
POH	336.0	480.3	336.0
FOH + EFOH	128.7	35.7	36.3
MOH + EMOH	328.6	130.3	132.6
POF	3.8	5.5	3.8
EFOF	1.5	0.4	0.4
EMOF	3.8	1.5	1.5
	10.000	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 336}{8760 - 480.3} \times (35.7 + 130.3) = 168.9$$

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

$$100 - 3.8 - \frac{168.9}{8,760.0} \times 100 = 94.3$$

- 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. 4
JANUARY 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 13.68%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	11,576	10,752
NET GENERATION (GWH)	955.6	1,632.1
OPERATING BTU (10 ⁹)	12,011.0	17,549.0
NET OUTPUT FACTOR	43.0	62.2

5.570 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-23.26) + 12575.35 = ANOHR$

$$62.2 * (-23.26) + 12575.35 = 11,129$$

$$10,752 - 11,129 = -376$$

$$11,576 + -376 = 11,200 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

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

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
POLK UNIT NO. 1
JANUARY 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 8.34%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	9,684	9,436
NET GENERATION (GWH)	562.0	265.8
OPERATING BTU (10 ⁹)	4,957.4	2,508.5
NET OUTPUT FACTOR	82.1	63.8

4.232 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION:	NOF *(-4.18) + 10027	=	ANOHR	
	63.8 * (-4.18) + 10027	=	9,761	
9,436	-	9,761	=	-325
9,684	+	-325	=	9,360 ← 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. 2
JANUARY 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 23.74%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	6,940	7,087
NET GENERATION (GWH)	6,778.2	5,508.4
OPERATING BTU (10 ⁹)	47,304.1	39,040.4
NET OUTPUT FACTOR	81.0	66.8

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $\text{NOF} * (-7.9) + 7579.76 = \text{ANOHR}$

$$66.8 * (-7.9) + 7579.76 = 7,052$$

$$7,087 - 7,052 = 35$$

$$6,940 + 35 = 6,976 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

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

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BAYSIDE UNIT NO. 1
JANUARY 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 10.83%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	7,352	7,417
NET GENERATION (GWH)	4,749.1	3,344.2
OPERATING BTU (10 ⁹)	34,663.9	24,802.9
NET OUTPUT FACTOR	79.6	61.3

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $\text{NOF} * (-4.01) + 7671.77 = \text{ANOHR}$

$61.3 * (-4.01) + 7671.77 = 7,426$

$7,417 - 7,426 = -9$

$7,352 + -9 = 7,343$ ← 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. 2
JANUARY 2021 - DECEMBER 2021**

WEIGHTING FACTOR = 12.31%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	7,439	7,389
NET GENERATION (GWH)	4,741.7	4,875.9
OPERATING BTU (10 ⁹)	35,481.7	36,028.0
NET OUTPUT FACTOR	63.3	59.9

7.239 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $\text{NOF} * (-17.59) + 8551.17 = \text{ANOHR}$

$$59.9 * (-17.59) + 8551.17 = 7,498$$

$$7,389 \quad - \quad 7,498 \quad = \quad -109$$

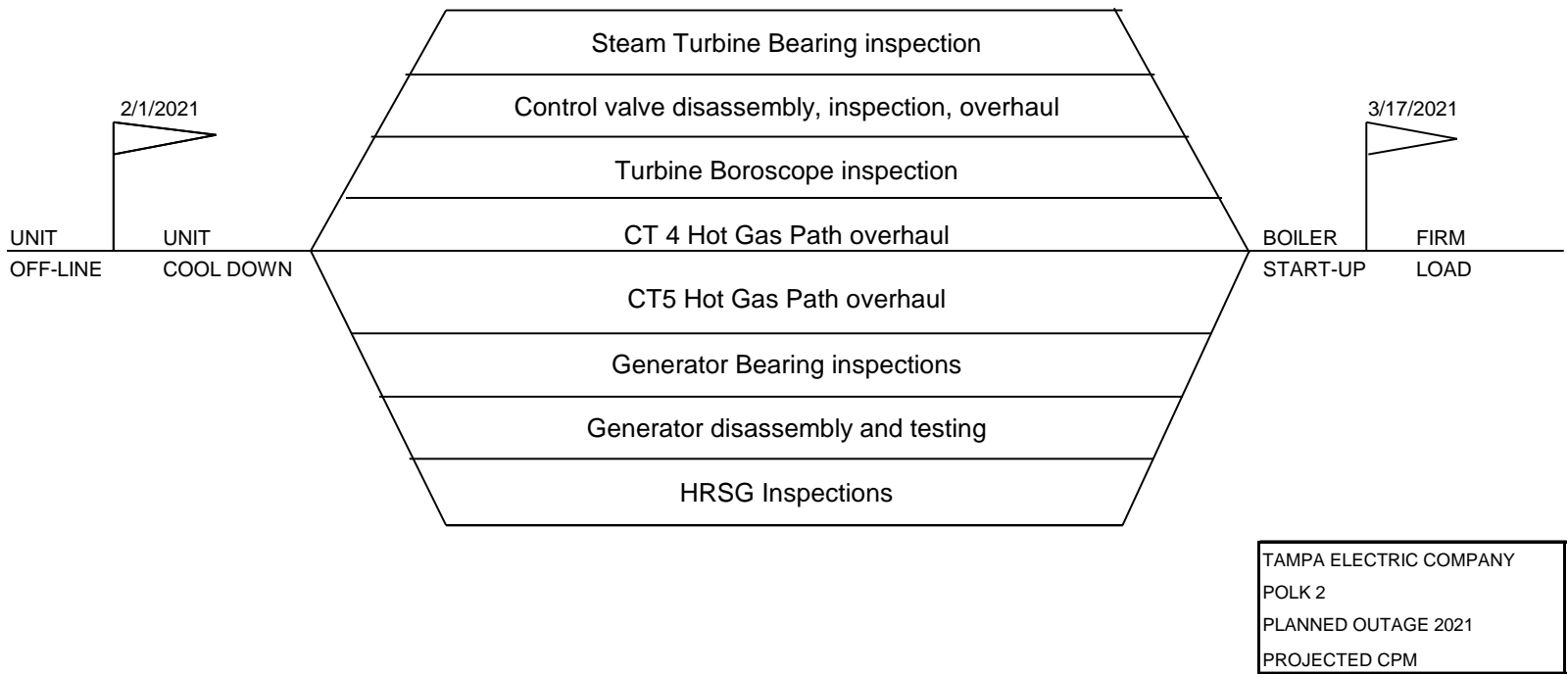
$$7,439 \quad + \quad -109 \quad = \quad 7,330 \quad \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

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

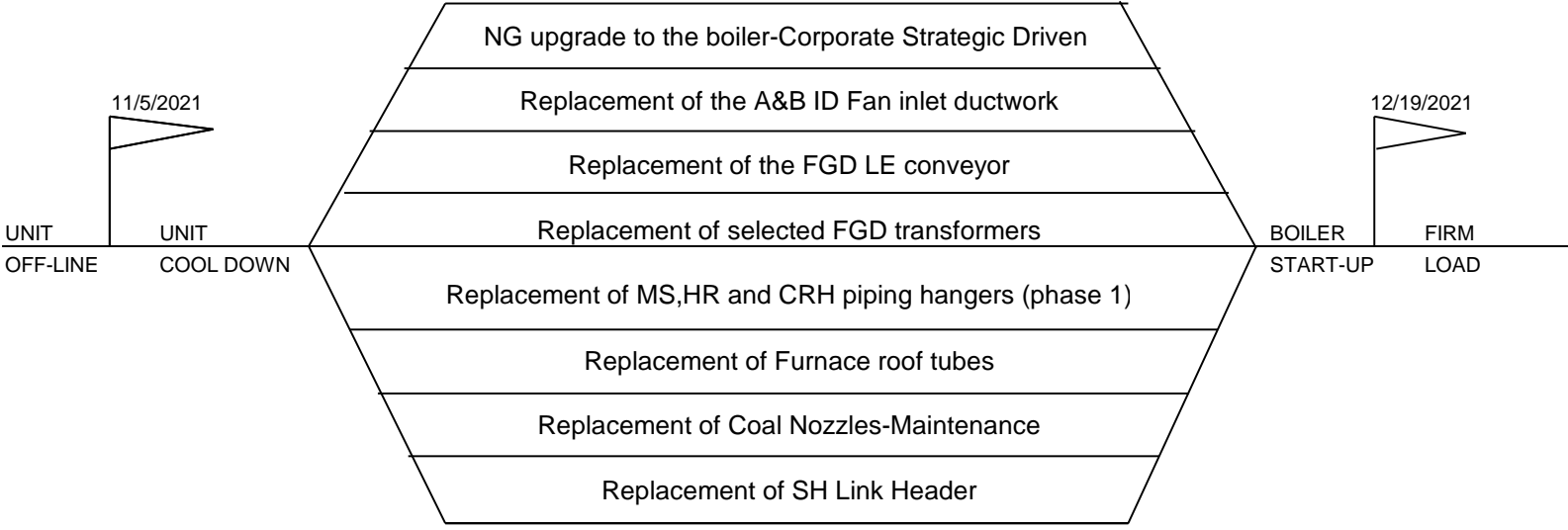
**TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ACTUAL)
GPIF UNITS
JANUARY 2021 - DECEMBER 2021**

PLANT / UNIT	PLANNED OUTAGE DATES	OUTAGE DESCRIPTION
+ BIG BEND 4	Mar 29 - Apr 11 Nov 05 - Dec 19	Fuel System Clean-up Planned Outage NG upgrade to the boiler Replacement of the A&B ID Fan inlet ductwork Replacement of the FGD LE conveyor Replacement of selected FGD transformers Replacement of MS,HR and CRH piping hangers Replacement of Furnace roof tubes Replacement of Coal Nozzles-Maintenance Replacement of SH Link Header
POLK 1	May 15 - May 28 Nov 29 - Dec 12	Combined Cycle Planned Outage Combined Cycle Planned Outage
+ POLK 2	Feb 01 - Mar 17 Oct 08 - Oct 21	Control valve disassembly, inspection, overhaul Steam Turbine Bearing inspection Turbine Boroscope inspection CT 4 Hot Gas Path overhaul CT5 Hot Gas Path overhaul Generator Bearing inspections Generator disassembly and testing HRSG Inspections Combined Cycle Planned Outage
BAYSIDE 1	Mar 15 - Mar 28	Combined Cycle Planned Outage
BAYSIDE 2	Nov 11 - Nov 24	Combined Cycle Planned Outage
+ 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 2021 - DECEMBER 2021**



**TAMPA ELECTRIC COMPANY
 CRITICAL PATH METHOD DIAGRAMS
 GPIF UNITS > FOUR WEEKS
 JANUARY 2021 - DECEMBER 2021**



TAMPA ELECTRIC COMPANY
 BIG BEND 4
 PLANNED OUTAGE 2021
 PROJECTED CPM

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
JANUARY 2021 - DECEMBER 2021

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	181.0	60.7	+10	1,916.4	10,961
+9	162.9	60.1	+9	1,724.7	11,015
+8	144.8	59.4	+8	1,533.1	11,069
+7	126.7	58.7	+7	1,341.5	11,123
+6	108.6	58.0	+6	1,149.8	11,177
+5	90.5	57.4	+5	958.2	11,231
+4	72.4	56.7	+4	766.6	11,285
+3	54.3	56.0	+3	574.9	11,339
+2	36.2	55.3	+2	383.3	11,393
+1	18.1	54.6	+1	191.6	11,447
0	0.0	54.0	0	0.0	11,501
-1	(86.0)	52.6	-1	(191.6)	11,576
-2	(172.1)	51.2	-2	(383.3)	11,651
-3	(258.1)	49.9	-3	(574.9)	11,705
-4	(344.1)	48.5	-4	(766.6)	11,759
-5	(430.1)	47.2	-5	(958.2)	11,813
-6	(516.2)	45.8	-6	(1,149.8)	11,867
-7	(602.2)	44.5	-7	(1,341.5)	11,921
-8	(688.2)	43.1	-8	(1,533.1)	11,975
-9	(774.2)	41.7	-9	(1,724.7)	12,029
-10	(860.3)	40.4	-10	(1,916.4)	12,083

Weighting Factor =

1.29%

Weighting Factor =

13.68%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
JANUARY 2021 - DECEMBER 2021

POLK 1

<u>EQUIVALENT AVAILABILITY POINTS</u>	<u>FUEL SAVINGS / (LOSS) (\$000)</u>	<u>ADJUSTED ACTUAL EQUIVALENT AVAILABILITY</u>	<u>AVERAGE HEAT RATE POINTS</u>	<u>FUEL SAVINGS / (LOSS) (\$000)</u>	<u>ADJUSTED ACTUAL AVERAGE HEAT RATE</u>
+10	675.5	82.1	+10	1,167.3	9,020
+9	607.9	81.6	+9	1,050.5	9,079
+8	540.4	81.2	+8	933.8	9,138
+7	472.8	80.8	+7	817.1	9,197
+6	405.3	80.3	+6	700.4	9,256
+5	337.7	79.9	+5	583.6	9,315
+4	270.2	79.5	+4	466.9	9,374
+3	202.6	79.0	+3	350.2	9,433
+2	135.1	78.6	+2	233.5	9,491
+1	67.5	78.2	+1	116.7	9,550
					9,609
0	0.0	77.7	0	0.0	9,684
					9,759
-1	(113.4)	77.2	-1	(116.7)	9,818
-2	(226.8)	76.7	-2	(233.5)	9,877
-3	(340.2)	76.1	-3	(350.2)	9,936
-4	(453.6)	75.6	-4	(466.9)	9,995
-5	(567.0)	75.0	-5	(583.6)	10,054
-6	(680.4)	74.5	-6	(700.4)	10,112
-7	(793.8)	74.0	-7	(817.1)	10,171
-8	(907.2)	73.4	-8	(933.8)	10,230
-9	(1,020.6)	72.9	-9	(1,050.5)	10,289
-10	(1,134.0)	72.4	-10	(1,167.3)	10,348

**AHR
POINTS
4.232**

**Adjusted
ANOHR
9,360**

**EAF
POINTS
-10.000**

**Adjusted
EAF
46.3**

Weighting Factor =

4.82%

Weighting Factor =

8.34%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
JANUARY 2021 - DECEMBER 2021

POLK 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	213.7	82.1	+10	3,324.1	6,755
+9	192.3	81.9	+9	2,991.7	6,766
+8	170.9	81.8	+8	2,659.3	6,777
+7	149.6	81.6	+7	2,326.9	6,788
+6	128.2	81.5	+6	1,994.5	6,799
+5	106.8	81.3	+5	1,662.1	6,810
+4	85.5	81.2	+4	1,329.7	6,821
+3	64.1	81.1	+3	997.2	6,832
+2	42.7	80.9	+2	664.8	6,843
+1	21.4	80.8	+1	332.4	6,854
					6,865
0	0.0	80.6	0	0.0	6,940
					7,015
-1	(132.5)	80.3	-1	(332.4)	7,026
-2	(265.1)	80.0	-2	(664.8)	7,037
-3	(397.6)	79.7	-3	(997.2)	7,048
-4	(530.2)	79.5	-4	(1,329.7)	7,059
-5	(662.7)	79.2	-5	(1,662.1)	7,070
-6	(795.2)	78.9	-6	(1,994.5)	7,081
-7	(927.8)	78.6	-7	(2,326.9)	7,092
-8	(1,060.3)	78.3	-8	(2,659.3)	7,103
-9	(1,192.9)	78.0	-9	(2,991.7)	7,114
-10	(1,325.4)	77.7	-10	(3,324.1)	7,125

Weighting Factor =

1.53%

Weighting Factor =

23.74%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
JANUARY 2021 - DECEMBER 2021

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	2,242.6	94.5	+10	1,516.3	7,244
+9	2,018.4	94.5	+9	1,364.6	7,247
+8	1,794.1	94.4	+8	1,213.0	7,251
+7	1,569.8	94.3	+7	1,061.4	7,254
+6	1,345.6	94.3	+6	909.8	7,257
+5	1,121.3	94.2	+5	758.1	7,261
+4	897.1	94.1	+4	606.5	7,264
+3	672.8	94.1	+3	454.9	7,267
+2	448.5	94.0	+2	303.3	7,271
+1	224.3	93.9	+1	151.6	7,274
					7,277
0	0.0	93.9	0	0.0	7,352
					7,427
-1	(7.5)	93.7	-1	(151.6)	7,431
-2	(15.0)	93.6	-2	(303.3)	7,434
-3	(22.4)	93.5	-3	(454.9)	7,437
-4	(29.9)	93.4	-4	(606.5)	7,441
-5	(37.4)	93.2	-5	(758.1)	7,444
-6	(44.9)	93.1	-6	(909.8)	7,447
-7	(52.4)	93.0	-7	(1,061.4)	7,451
-8	(59.8)	92.8	-8	(1,213.0)	7,454
-9	(67.3)	92.7	-9	(1,364.6)	7,457
-10	(74.8)	92.6	-10	(1,516.3)	7,460

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> EAF POINTS -10.000 </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Adjusted EAF 90.3 </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> AHR POINTS 0.000 </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Adjusted ANOHR 7,343 </div>
Weighting Factor =	16.01%	Weighting Factor =	10.83%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE
JANUARY 2021 - DECEMBER 2021

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	1,043.8	92.2	+10	1,723.2	7,317
+9	939.4	92.1	+9	1,550.9	7,322
+8	835.1	91.9	+8	1,378.6	7,326
+7	730.7	91.8	+7	1,206.2	7,331
+6	626.3	91.7	+6	1,033.9	7,336
+5	521.9	91.6	+5	861.6	7,340
+4	417.5	91.4	+4	689.3	7,345
+3	313.1	91.3	+3	517.0	7,350
+2	208.8	91.2	+2	344.6	7,354
+1	104.4	91.1	+1	172.3	7,359
0	0.0	90.9	0	0.0	7,439
-1	(145.9)	90.7	-1	(172.3)	7,518
-2	(291.8)	90.5	-2	(344.6)	7,523
-3	(437.8)	90.2	-3	(517.0)	7,528
-4	(583.7)	90.0	-4	(689.3)	7,532
-5	(729.6)	89.7	-5	(861.6)	7,537
-6	(875.5)	89.5	-6	(1,033.9)	7,541
-7	(1,021.4)	89.2	-7	(1,206.2)	7,546
-8	(1,167.4)	89.0	-8	(1,378.6)	7,551
-9	(1,313.3)	88.7	-9	(1,550.9)	7,555
-10	(1,459.2)	88.5	-10	(1,723.2)	7,560

Weighting Factor =

7.45%

Weighting Factor =

12.31%

**TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE**

EQUIVALENT AVAILABILITY (%)

<u>PLANT / UNIT</u>	<u>TARGET WEIGHTING FACTOR (%)</u>	<u>NORMALIZED WEIGHTING FACTOR</u>	<u>TARGET PERIOD JAN 21 - DEC 21</u>			<u>ACTUAL PERFORMANCE JAN 21 - DEC 21</u>		
			<u>POF</u>	<u>EUOF</u>	<u>EUOR</u>	<u>POF</u>	<u>EUOF</u>	<u>EUOR</u>
BIG BEND 4	1.29%	4.2%	16.2	29.9	35.6	18.7	12.8	15.8
POLK 1	4.8%	15.5%	7.7	14.6	15.8	8.9	45.4	49.9
POLK 2	1.5%	4.9%	16.2	3.2	3.8	11.0	3.7	4.1
BAYSIDE 1	16.0%	51.5%	3.8	2.3	2.4	5.4	5.8	6.2
BAYSIDE 2	<u>7.5%</u>	<u>24.0%</u>	<u>3.8</u>	<u>5.2</u>	<u>5.4</u>	<u>5.5</u>	<u>1.9</u>	<u>2.0</u>
GPIF SYSTEM	31.1%	100.0%	5.5	6.1	6.6	6.8	11.2	12.2
GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%)			<u>88.4</u>			<u>82.0</u>		
			<u>3 PERIOD AVERAGE</u>			<u>3 PERIOD AVERAGE</u>		
			<u>POF</u>	<u>EUOF</u>	<u>EUOR</u>	<u>EAF</u>		
			6.9	9.6	10.5	83.6		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

<u>PLANT / UNIT</u>	<u>TARGET WEIGHTING FACTOR (%)</u>	<u>NORMALIZED WEIGHTING FACTOR</u>	<u>TARGET</u>	<u>ADJUSTED</u>
			<u>HEAT RATE JAN 21 - DEC 21</u>	<u>ACTUAL HEAT RATE JAN 21 - DEC 21</u>
BIG BEND 4	13.68%	19.9%	11,576	11,200
POLK 1	8.34%	12.1%	9,684	9,360
POLK 2	23.74%	34.5%	6,940	6,976
BAYSIDE 1	10.83%	15.7%	7,352	7,343
BAYSIDE 2	<u>12.31%</u>	<u>17.9%</u>	<u>7,439</u>	<u>7,330</u>
GPIF SYSTEM	68.9%	100.0%		
GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh)			<u>8,347</u>	<u>8,224</u>

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
JANUARY 2021 - DECEMBER 2021**

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> =	4.82%	*	(PK 1 EAP)	+	1.53%	*	(PK 2 EAP)	+	16.01%	*	(BAY 1 EAP)	
	+	7.45%	*	(BAY 2 EAP)	+	8.34%	*	(PK 1 AHRP)	+	23.74%	*	(PK 2 AHRP)
	+	10.83%	*	(BAY 1 AHRP)	+	12.31%	*	(BAY 2 AHRP)	+	13.68%	*	(BB 4 AHRP)
	+	1.29%	*	(BB 4 EAP)								

<i>GPIP</i> =	4.82%	*	-10.000	+	1.53%	*	-1.091	+	16.01%	*	-10.000	
	+	7.45%	*	10.000	+	8.34%	*	4.232	+	23.74%	*	0.000
	+	10.83%	*	0.000	+	12.31%	*	7.239	+	13.68%	*	5.570
	+	1.29%	*	10.000								

<i>GPIP</i> =	-0.482	+	-0.017	+	-1.601	
	+	0.745	+	0.353	+	0.000
	+	0.000	+	0.891	+	0.762
	+	0.129				

GPIP = 0.780 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 = \$546,170

EXHIBIT NO. PAB-1
TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
GPIF 2021 FINAL TRUE-UP
DOCUMENT NO. 2

EXHIBIT TO THE TESTIMONY OF
PATRICK A. BOKOR

DOCKET NO. 20220001-EI

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2021 - DECEMBER 2021
TRUE-UP

DOCUMENT NO. 2
ACTUAL UNIT PERFORMANCE DATA

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

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-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	52.0	79.5	69.4	18.7	57.1	82.2	37.4	81.2	82.2	20.3	0.0	82.0	55.0
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	534.6	653.4	641.5	313.9	589.9	720.0	410.5	741.8	720.0	183.8	0.0	663.5	6,172.9
4. Reserve Shutdown Hours	RSH	104.6	18.6	1.0	0.0	28.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.6
5. Unavailable Hours	UH	104.8	0.0	100.5	406.1	125.7	0.0	333.5	2.2	0.0	560.2	721.0	80.5	2,434.5
6. Planned Outage Hours	POH	0.0	0.0	96.2	400.9	0.0	0.0	0.0	0.0	0.0	560.2	576.0	5.3	1,638.6
7. Forced Outage Hours	FOH	4.3	0.0	4.3	5.3	0.0	0.0	0.0	2.2	0.0	0.0	145.0	75.2	236.3
8. Maintenance Outage Hours	MOH	100.5	0.0	0.0	0.0	125.7	0.0	333.5	0.0	0.0	0.0	0.0	0.0	559.7
9a. Partial Planned Outage Hours	PPOH	643.5	672.0	643.5	714.8	618.3	720.0	410.5	741.8	720.0	183.8	0.0	663.5	6,731.7
9b. Load Reduction Partial Planned (MW)	LRPP	85.0	85.0	85.0	75.0	75.0	75.0	75.0	78.2	75.0	75.0	0.0	35.0	74.3
10a. Partial Forced Outage Hours	PFOH	336.0	24.1	0.0	129.5	441.3	0.0	113.6	0.0	0.0	0.0	0.0	0.0	1,044.5
10b. Load Reduction Partial Forced (MW)	LRPF	161.5	105.0	0.0	169.2	80.0	0.0	220.0	0.0	0.0	0.0	0.0	0.0	133.1
11a. Partial Maintenance Outage Hours	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
11b. Load Reduction Partial Maintenance (MW)	LRPM	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. Net Summer Continuous Rating (MW)	NSC	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,135.4	2,224.0	1,699.2	936.4	1,619.8	2,011.5	977.8	2,387.5	2,598.0	608.4	0.0	1,350.9	17,549.0
14. Net Generation (MWH)	NETGEN	114,956.0	212,466.0	159,431.0	78,608.0	151,856.0	183,123.0	84,384.0	217,485.0	245,778.0	62,714.0	0.0	121,299.0	1,632,100.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	9,877.0	10,468.0	10,658.0	11,912.0	10,667.0	10,984.0	11,587.0	10,978.0	10,570.0	9,702.0	0.0	11,137.0	10,752.4
16. Net Output Factor (%)	NOF	49.8	75.3	57.4	59.4	61.0	60.3	48.7	69.5	80.9	80.9	0.0	42.3	62.2
17. Net Period Continuous Rating (MW)	NPC	432.0	432.0	432.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	432.0	425.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-5.6236) + 11,149												

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		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-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	73.4	99.9	92.3	88.8	58.4	0.0	0.0	0.0	0.1	67.6	72.5	0.0	45.7
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	73.3	63.4	343.5	312.4	434.4	0.0	0.0	0.0	0.9	420.2	322.6	0.0	1,970.7
4. Reserve Shutdown Hours	RSH	472.9	608.0	385.5	327.3	0.0	0.0	0.0	0.0	0.0	82.7	199.2	0.0	2,075.6
5. Unavailable Hours	UH	197.9	0.6	15.0	80.3	309.6	720.0	744.0	744.0	719.4	241.1	198.2	744.0	4,714.1
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	309.6	216.0	0.0	0.0	0.0	105.9	147.8	0.0	779.3
7. Forced Outage Hours	FOH	197.9	0.6	15.0	80.3	0.0	504.0	744.0	744.0	719.4	135.2	50.4	744.0	3,934.8
8. Maintenance Outage Hours	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
9a. Partial Planned Outage Hours	PPOH	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
9b. Load Reduction Partial Planned (MW)	LRPP	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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	125.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0
11a. Partial Maintenance Outage Hours	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
11b. Load Reduction Partial Maintenance (MW)	LRPM	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. Net Summer Continuous Rating (MW)	NSC	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0
13. Operating British Thermal Units (GBTU)	OPR BTU	82.2	88.1	437.0	405.5	575.6	0.0	0.0	0.0	0.6	497.7	421.7	0.0	2,508.5
14. Net Generation (MWH)	NETGEN	7,975.0	7,431.0	47,770.0	45,983.0	67,820.0	-2,567.0	-2,999.0	-2,848.0	-2,577.0	55,884.0	46,769.0	-2,800.0	265,841.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,308.0	11,856.0	9,149.0	8,818.0	8,487.0	0.0	0.0	0.0	0.0	8,907.0	9,017.0	0.0	9,436.0
16. Net Output Factor (%)	NOF	47.3	50.9	60.5	72.9	77.3	0.0	0.0	0.0	-1,500.9	65.8	71.8	0.0	63.8
17. Net Period Continuous Rating (MW)	NPC	230.0	230.0	230.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	230.0	211.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.778) + 10,842												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual component hours of the Combined Cycle unit.

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

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 2		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	99.8	58.5	71.1	75.4	86.2	96.7	99.3	97.5	100.0	88.9	57.1	90.1	85.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	741.3	43.1	445.6	720.0	741.4	720.0	744.0	744.0	720.0	744.0	342.6	744.0	7,450.0
4. Reserve Shutdown Hours	RSH	1.3	349.7	146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.9	0.0	564.9
5. Unavailable Hours	UH	1.4	279.2	151.4	96.8	56.4	23.6	5.2	17.9	0.1	82.6	309.5	73.6	1,097.7
6. Planned Outage Hours	POH	1.1	268.8	143.2	96.8	29.6	11.3	0.0	9.7	0.0	73.8	273.5	59.0	966.8
7. Forced Outage Hours	FOH	0.3	0.0	8.2	0.0	26.8	12.3	5.2	3.8	0.1	7.7	24.6	14.6	103.6
8. Maintenance Outage Hours	MOH	0.0	10.4	0.0	0.0	0.0	0.0	0.0	4.5	0.0	1.2	11.3	0.0	27.4
9a. Partial Planned Outage Hours	PPOH	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
9b. Load Reduction Partial Planned (MW)	LRPP	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
10a. Partial Forced Outage Hours	PFOH	1.0	0.0	0.0	0.0	181.6	2.9	0.0	17.3	0.0	0.0	0.0	0.0	202.8
10b. Load Reduction Partial Forced (MW)	LRPF	124.8	0.0	0.0	0.0	133.6	32.4	0.0	31.9	0.0	0.0	0.0	0.0	123.4
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	218.3	661.1	206.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	1,088.1
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	349.6	129.2	120.0	0.0	106.9	0.0	0.0	0.0	0.0	0.0	171.6
12. Net Summer Continuous Rating (MW)	NSC	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,751.0	185.9	2,381.5	3,202.4	3,557.7	4,023.5	4,471.3	4,289.3	4,279.9	3,446.0	1,482.0	3,969.6	39,040.4
14. Net Generation (MWH)	NETGEN	538,346.0	13,910.0	317,805.0	454,215.0	503,977.0	575,457.0	641,134.0	611,105.0	610,131.0	486,762.0	193,718.0	561,818.0	5,508,378.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,968.0	13,368.0	7,494.0	7,050.0	7,059.0	6,992.0	6,974.0	7,019.0	7,015.0	7,080.0	7,651.0	7,066.0	7,087.5
16. Net Output Factor (%)	NOF	60.5	26.9	59.3	59.5	64.1	75.3	81.2	77.4	79.9	61.7	53.3	62.9	66.8
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,200.0	1,107.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-53.862) + 11,266												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual component hours of the Combined Cycle unit.

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		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-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	81.0	97.3	70.7	89.9	95.5	91.1	98.4	96.9	97.2	86.2	62.8	99.5	88.8
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	2.9	667.0	725.2	712.0	671.4	608.6	744.0	744.0	720.0	648.5	473.1	744.0	7,460.7
4. Reserve Shutdown Hours	RSH	599.3	0.0	0.0	0.0	40.4	49.2	0.0	0.0	0.0	0.0	0.0	0.0	688.9
5. Unavailable Hours	UH	141.7	12.9	148.0	49.4	32.2	62.2	8.0	15.3	13.2	96.0	263.6	2.4	844.9
6. Planned Outage Hours	POH	0.0	0.0	79.9	39.9	0.0	0.0	0.0	0.0	0.0	93.4	258.8	0.0	472.0
7. Forced Outage Hours	FOH	0.8	7.9	68.1	9.6	0.8	0.0	1.7	0.0	1.6	0.0	0.1	2.4	93.0
8. Maintenance Outage Hours	MOH	141.0	5.0	0.0	0.0	31.5	62.2	6.3	15.3	11.6	2.6	4.7	0.0	280.2
9a. Partial Planned Outage Hours	PPOH	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
9b. Load Reduction Partial Planned (MW)	LRPP	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
10a. Partial Forced Outage Hours	PFOH	0.0	29.2	241.0	31.0	0.0	0.0	7.5	0.0	7.1	26.7	21.5	10.2	374.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	79.0	79.0	69.0	0.0	0.0	78.9	0.0	79.0	141.0	79.0	88.9	82.9
11a. Partial Maintenance Outage Hours	PMOH	0.0	21.6	196.7	179.1	14.5	15.1	28.3	68.7	52.3	11.7	21.0	0.0	609.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	79.0	185.3	79.0	79.1	79.1	79.0	79.0	79.0	79.0	79.0	0.0	113.3
12. Net Summer Continuous Rating (MW)	NSC	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	2,629.4	2,086.8	1,896.0	1,807.3	1,953.9	2,492.6	2,575.2	2,280.5	2,258.5	1,923.3	2,899.4	24,802.9
14. Net Generation (MWH)	NETGEN	0.0	356,616.9	281,193.7	252,014.3	238,038.7	261,453.6	334,585.1	348,617.0	307,281.9	304,462.4	264,011.2	395,888.8	3,344,163.6
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	7,373.0	7,421.0	7,524.0	7,592.0	7,473.0	7,450.0	7,387.0	7,421.0	7,418.0	7,285.0	7,324.0	7,416.8
16. Net Output Factor (%)	NOF	0.0	67.5	49.0	50.5	50.6	61.3	64.2	66.8	60.9	67.0	79.6	67.2	61.3
17. Net Period Continuous Rating (MW)	NPC	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
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-2.852) + 7,630												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual component hours of the Combined Cycle unit.

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

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 2		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021
1. Equivalent Availability Factor (%)	EAF	98.4	99.6	97.3	96.4	83.7	94.8	100.0	97.0	99.4	99.5	93.0	53.4	92.6
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	744.0	672.0	742.0	720.0	744.0	720.0	744.0	744.0	715.8	744.0	671.2	445.8	8,406.8
4. Reserve Shutdown Hours	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. Unavailable Hours	UH	7.3	1.8	14.3	17.4	81.2	25.0	0.0	14.7	4.3	2.6	50.0	331.5	550.1
6. Planned Outage Hours	POH	0.0	0.0	0.0	1.3	81.2	25.0	0.0	0.0	0.0	0.0	49.2	323.6	480.3
7. Forced Outage Hours	FOH	0.0	1.8	0.0	16.1	0.0	0.0	0.0	0.1	4.3	2.6	0.7	0.0	25.6
8. Maintenance Outage Hours	MOH	7.3	0.0	14.3	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	7.9	44.1
9a. Partial Planned Outage Hours	PPOH	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
9b. Load Reduction Partial Planned (MW)	LRPP	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
10a. Partial Forced Outage Hours	PFOH	0.0	10.5	0.0	95.9	0.0	0.0	0.0	0.8	0.0	15.7	4.4	0.0	127.3
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	77.0	0.0	77.0	0.0	0.0	0.0	77.3	0.0	77.0	77.3	0.0	77.0
11a. Partial Maintenance Outage Hours	PMOH	65.9	0.0	81.8	7.9	483.3	148.9	0.0	87.6	0.0	0.0	0.0	128.8	1,004.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	77.0	0.0	77.0	77.0	77.0	77.0	0.0	77.0	0.0	0.0	0.0	124.8	83.1
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,941.7	3,623.8	3,326.4	2,405.3	2,292.7	3,237.0	3,660.5	3,348.3	2,662.9	3,399.1	3,669.3	1,461.2	36,028.0
14. Net Generation (MWH)	NETGEN	394,036.0	493,064.0	449,494.3	322,071.7	302,913.2	440,655.5	498,654.1	457,316.9	358,700.0	463,805.5	499,604.7	195,596.1	4,875,912.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,466.0	7,349.0	7,400.0	7,468.0	7,569.0	7,346.0	7,341.0	7,322.0	7,424.0	7,329.0	7,344.0	7,470.0	7,389.0
16. Net Output Factor (%)	NOF	50.6	70.1	57.8	48.2	43.8	65.9	72.2	66.2	54.6	67.1	80.1	41.9	59.9
17. Net Period Continuous Rating (MW)	NPC	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
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-6.673) + 7,965												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual component hours of the Combined Cycle unit.