



March 16, 2023

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. 20230001-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 2022.
2. Prepared Direct Testimony and Exhibit of Elena Vance regarding Generating Performance Incentive Factor True-Up for the period January 2022 through December 2022.

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads 'Malcolm N. Means'.

Malcolm N. Means

MNM/bml
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 2023 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. 20230001-EI
FILED: March 16, 2023

**TAMPA ELECTRIC COMPANY'S PETITION FOR APPROVAL OF
GENERATING PERFORMANCE INCENTIVE FACTOR RESULTS
FOR THE TWELVE-MONTH PERIOD ENDING DECEMBER 2022**

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 2022. In support of this Petition, Tampa Electric states as follows:

1. By Order No. PSC-2021-0442-FOF-EI, dated November 30, 2021, the Commission approved Tampa Electric's GPIF targets for the period January 2022 through December 2022. The application of the GPIF formula to the performance of the company's GPIF units during that period produces a penalty of \$1,648,937. The calculation of the company's GPIF penalty is discussed and supported in the prepared direct testimony and exhibit of Tampa Electric witness Elena B. Vance, 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 \$1,648,937 as its GPIF penalty for the period ending December 2022 and authorize the inclusion of this amount in the calculation of Tampa Electric's fuel factors for the period beginning January 2024.

DATED this 16th day of March 2023.

Respectfully submitted,

Malcolm N. Means

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VIRGINIA L. PONDER
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ATTORNEYS FOR TAMPA ELECTRIC COMPANY



BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20230001-EI
IN RE: FUEL & PURCHASED POWER COST RECOVERY
AND
CAPACITY COST RECOVERY

GENERATING PERFORMANCE INCENTIVE FACTOR
TRUE-UP
JANUARY 2022 THROUGH DECEMBER 2022

TESTIMONY AND EXHIBIT
OF
ELENA B. VANCE

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **ELENA B. VANCE**

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

8
9 **A.** My name is Elena B. Vance. 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 Senior Engineer, Resource Planning.

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 Chemical
18 Engineering from the University of South Florida in 1999 and
19 a Master of Business Administration with a concentration in
20 Finance in 2003 from the University of Tampa. I have
21 accumulated 25 years of experience in the electric industry,
22 with experience in the areas of plant operations, unit
23 commitment and economic dispatch, and resource planning. In
24 my current role, I am responsible for long term study
25 analysis and project economic analysis.

1 Q. What is the purpose of your testimony?

2

3 A. The purpose of my testimony is to present Tampa Electric's
4 actual performance results from unit equivalent availability
5 and heat rate used to determine the Generating Performance
6 Incentive Factor ("GPIF") for the period January 2022 through
7 December 2022. I will also compare these results to the
8 targets established for the period.

9

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

11

12 A. Yes, I prepared Exhibit No. EBV-1, consisting of two
13 documents. Document No. 1, entitled "GPIF Schedules" is
14 consistent with the GPIF Implementation Manual approved by
15 the Florida Public Service Commission ("FPSC" or
16 "Commission"). Document No. 2 provides the company's Actual
17 Unit Performance Data for the 2022 period.

18

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

21

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

24

25 Q. Have you calculated the results of Tampa Electric's

1 performance under the GPIF during the January 2022 through
2 December 2022 period?

3
4 **A.** Yes, I have. This is shown on Document No. 1, page 4 of 25.
5 Based upon -1.160 Generating Performance Incentive Points
6 ("GPIP"), the result is a penalty amount of \$1,648,937 for
7 the period.

8
9 **Q.** Please proceed with your review of the actual results for the
10 January 2022 through December 2022 period.

11
12 **A.** On Document No. 1, page 3 of 25, the actual average common
13 equity for the period is shown on line 14 as \$4,232,927,728.
14 This produces the maximum penalty or reward amount of
15 \$14,213,625 as shown on line 23.

16
17 **Q.** Will you please explain how you arrived at the actual
18 equivalent availability results for the five units included
19 within the GPIF?

20
21 **A.** Yes. Operating data for each of the units is filed monthly
22 with the Commission on the Actual Unit Performance Data form.
23 Additionally, outage information is reported to the Commission
24 monthly. A summary of this data for the 12 months provides
25 the basis for the GPIF.

1 Q. Are the actual equivalent availability results shown on
2 Document No. 1, page 6 of 25, column 2, directly applicable
3 to the GPIF table?
4

5 A. No. Adjustments to actual equivalent availability may be
6 required as noted in Section 4.3.3 of the GPIF Manual. The
7 actual equivalent availability including the required
8 adjustment is shown on Document No. 1, page 6 of 25, column
9 4. The necessary adjustments as prescribed in the GPIF Manual
10 are further defined by a letter dated October 23, 1981, from
11 Mr. J. H. Hoffsis of the Commission's Staff. The adjustments
12 for each unit are as follows:
13

14 **Big Bend Unit No. 4**

15 On this unit, 1,056 planned outage hours were originally
16 scheduled for 2022. Actual outage activities required 839.7
17 equivalent planned outage hours. Consequently, the actual
18 equivalent availability of 60.3 percent is adjusted to 58.7
19 percent, as shown on Document No. 1, page 7 of 25.
20

21 **Polk Unit No. 1**

22 On this unit, 168 planned outage hours were originally
23 scheduled for 2022. Actual outage activities required 161.5
24 equivalent planned outage hours. Consequently, the actual
25 equivalent availability of 75 percent is adjusted to 74.9

1 percent, as shown on Document No. 1, page 8 of 25.

2
3 **Polk Unit No. 2**

4 On this unit, 696 planned outage hours were originally
5 scheduled for 2022. Actual outage activities required 452.1
6 equivalent planned outage hours. Consequently, the actual
7 equivalent availability of 91.4 percent is adjusted to 88.8
8 percent, as shown on Document No. 1, page 9 of 25.

9
10 **Bayside Unit No. 1**

11 On this unit, 1,776 planned outage hours were originally
12 scheduled for 2022. Actual outage activities required 1,957.4
13 equivalent planned outage hours. Consequently, the actual
14 equivalent availability of 74.8 percent is adjusted to 76.8
15 percent, as shown on Document No. 1, page 10 of 25.

16
17 **Bayside Unit No. 2**

18 On this unit, 336 planned outage hours were originally
19 scheduled for 2022. Actual outage activities required 577.6
20 equivalent planned outage hours. Consequently, the actual
21 equivalent availability of 90.8 percent is adjusted to 93.6
22 percent, as shown on Document No. 1, page 11 of 25.

23
24 **Q.** How did you arrive at the applicable equivalent availability
25 points for each unit?

1 **A.** The final adjusted equivalent availabilities for each unit
2 are shown on Document No. 1, page 6 of 25, column 4. This
3 number is incorporated in the respective GPIIP table for each
4 unit, shown on pages 19 through 23 of 25. Page 4 of 25
5 summarizes the weighted equivalent availability points to be
6 awarded or penalized.

7

8 **Q.** Will you please explain the heat rate results relative to the
9 GPIIF?

10

11 **A.** The actual heat rate and adjusted actual heat rate for Tampa
12 Electric's five GPIIF units are shown on Document No. 1, page
13 6 of 25. The adjustment was developed based on the guidelines
14 of Section 4.3.16 of the GPIIF Manual. This procedure is
15 further defined by a letter dated October 23, 1981, from Mr.
16 J. H. Hoffsis of the FPSC Staff. The final adjusted actual
17 heat rates are also shown on page 5 of 25, column 9. The heat
18 rate value is incorporated in the respective GPIIP table for
19 each unit, shown on pages 19 through 23 of 25. Page 4 of 25
20 summarizes the weighted heat rate points to be awarded or
21 penalized.

22

23 **Q.** What is the overall GPIIP for Tampa Electric for the January
24 2022 through December 2022 period?

25

1 **A.** This is shown on Document No. 1, page 2 of 25. The weighting
2 factors shown on page 4 of 25, column 3, plus the equivalent
3 availability points and the heat rate points shown on page 4
4 of 25, column 4, are substituted within the equation found on
5 page 25 of 25. The resulting value of -1.160 is in the GPIF
6 table on page 2 of 25, and the penalty amount of \$1,648,937
7 is calculated using linear interpolation.

8
9 **Q.** Are there any other constraints set forth by the Commission
10 regarding the magnitude of incentive dollars?

11
12 **A.** Yes. Incentive dollars are not to exceed 50 percent of fuel
13 savings. Tampa Electric met this constraint, limiting the
14 total potential reward and penalty incentive dollars to
15 \$14,213,625 as shown on Document No. 1, page 3 of 25.

16
17 **Q.** Does this conclude your testimony?

18
19 **A.** Yes.

20
21
22
23
24
25

GENERATING PERFORMANCE INCENTIVE FACTOR

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EXHIBIT NO. EBV-1
TAMPA ELECTRIC COMPANY
DOCKET NO. 20230001-EI
GPIF 2022 FINAL TRUE-UP
DOCUMENT NO. 1

EXHIBIT TO THE TESTIMONY OF
ELENA B. VANCE

DOCKET NO. 20230001-EI

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2022 - DECEMBER 2022
TRUE-UP

DOCUMENT NO. 1
GPIF SCHEDULES

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2022 - DECEMBER 2022
TRUE-UP
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**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE - ACTUAL
JANUARY 2022 - DECEMBER 2022**

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) (\$000)	GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)
+10	31,877.1	14,213.6
+9	28,689.4	12,792.3
+8	25,501.7	11,370.9
+7	22,314.0	9,949.5
+6	19,126.3	8,528.2
+5	15,938.6	7,106.8
+4	12,750.8	5,685.4
+3	9,563.1	4,264.1
+2	6,375.4	2,842.7
+1	3,187.7	1,421.4
0	0.0	0.0
← GPI POINTS -1.160 →	(3,159.1)	PENALTY DOLLARS (\$1,648,937) →
-1	(3,159.1)	(1,421.4)
-2	(6,318.1)	(2,842.7)
-3	(9,477.2)	(4,264.1)
-4	(12,636.2)	(5,685.4)
-5	(15,795.3)	(7,106.8)
-6	(18,954.4)	(8,528.2)
-7	(22,113.4)	(9,949.5)
-8	(25,272.5)	(11,370.9)
-9	(28,431.5)	(12,792.3)
-10	(31,590.6)	(14,213.6)

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
JANUARY 2022 - DECEMBER 2022**

Line 1	Beginning of period balance of common equity: End of month common equity:	\$ 4,006,405,387	
Line 2	Month of January 2022	\$ 4,143,550,006	
Line 3	Month of February 2022	\$ 4,102,452,814	
Line 4	Month of March 2022	\$ 4,127,116,751	
Line 5	Month of April 2022	\$ 4,070,611,247	
Line 6	Month of May 2022	\$ 4,191,701,539	
Line 7	Month of June 2022	\$ 4,239,764,459	
Line 8	Month of July 2022	\$ 4,296,194,020	
Line 9	Month of August 2022	\$ 4,367,916,939	
Line 10	Month of September 2022	\$ 4,416,286,372	
Line 11	Month of October 2022	\$ 4,302,197,296	
Line 12	Month of November 2022	\$ 4,333,750,991	
Line 13	Month of December 2022	\$ 4,430,112,647	
Line 14	(Summation of line 1 through line 13 divided by 13)	\$ 4,232,927,728	
Line 15	25 Basis points	0.0025	
Line 16	Revenue Expansion Factor	74.45%	
Line 17	Maximum Allowed Incentive Dollars (line 14 times line 15 divided by line 16)	\$ 14,213,625	
Line 18	Jurisdictional Sales	20,450,921	MWH
Line 19	Total Sales	20,450,921	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)	\$ 14,213,625	
Line 22	Incentive Cap (50% of projected fuel savings at 10 GPIF-Point level from Sheet No. 3.515)	\$ 15,938,559	
Line 23	Maximum Allowed GPIF Reward (At 10 GPIF-Point Level; the lesser of line 21 and line 22)	\$ 14,213,625	

**TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
JANUARY 2022 - DECEMBER 2022**

<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	58.7%	EAF	4.38%	-10.000	-0.438
POLK 1	74.9%	EAF	0.50%	-10.000	-0.050
POLK 2	88.8%	EAF	5.01%	-2.874	-0.144
BAYSIDE 1	76.8%	EAF	1.86%	-1.923	-0.036
BAYSIDE 2	93.6%	EAF	1.44%	9.760	0.140
BIG BEND 4	11,160	ANOHR	11.18%	-3.493	-0.390
POLK 1	8,883	ANOHR	6.62%	0.000	0.000
POLK 2	6,960	ANOHR	52.47%	-0.518	-0.272
BAYSIDE 1	7,388	ANOHR	4.45%	0.000	0.000
BAYSIDE 2	7,615	ANOHR	12.09%	0.246	0.030
			100.00%		-1.160

GPIF PENALTY	\$ (1,648,937)
---------------------	-----------------------

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	4.38%	71.7	75.6	64.0	1,396.6	(1,511.6)	58.7%	(1,511.6)
POLK 1	0.50%	87.7	89.9	83.4	160.0	(226.0)	74.9%	(226.0)
POLK 2	5.01%	89.3	90.3	87.5	1,595.5	(1,422.5)	88.8%	(408.9)
BAYSIDE 1	1.86%	77.4	78.9	74.4	592.7	(66.4)	76.8%	(12.8)
BAYSIDE 2	1.44%	92.7	93.6	91.0	458.8	(690.7)	93.6%	447.8
GPIF SYSTEM	13.19%				4,203.7	(3,917.2)		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

<u>PLANT / UNIT</u>	<u>WEIGHTING FACTOR (%)</u>	<u>TARGET ANOHR (Btu/kwh)</u>	<u>TARGET ANOHR RANGE MIN. MAX.</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>
BIG BEND 4	11.18%	10,726	9,624 11,828	3,563.3	(3,563.3)	11,160	(1,244.8)
POLK 1	6.62%	8,855	7,271 10,440	2,111.3	(2,111.3)	8,883	0.0
POLK 2	52.47%	6,841	5,918 7,764	16,725.7	(16,725.7)	6,960	(866.9)
BAYSIDE 1	4.45%	7,339	7,168 7,510	1,417.9	(1,417.9)	7,388	0.0
BAYSIDE 2	12.09%	7,695	7,419 7,971	3,855.2	(3,855.2)	7,615	95.0
GPIF SYSTEM	86.81%			27,673.4	(27,673.4)		

**TAMPA ELECTRIC COMPANY
UNIT PERFORMANCE DATA - ACTUAL
JANUARY 2022 - DECEMBER 2022**

<u>PLANT / UNIT</u>	<u>ACTUAL EAF (%)</u>	<u>ADJUSTMENTS (1) TO EAF (%)</u>	<u>EAF ADJUSTED ACTUAL (%)</u>
BIG BEND 4	60.3	-1.6	58.7
POLK 1	75.0	-0.1	74.9
POLK 2	91.4	-2.6	88.8
BAYSIDE 1	74.8	2.0	76.8
BAYSIDE 2	90.8	2.8	93.6

<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	11,113	47	11,160
POLK 1	9,068	-185	8,883
POLK 2	7,033	-73	6,960
BAYSIDE 1	7,428	-40	7,388
BAYSIDE 2	7,394	221	7,615

(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 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 4.38%

	<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	71.7	60.3	58.7
POH + EPOH	1,056.0	839.7	1,056.0
FOH + EFOH	673.2	2,633.0	2,561.1
MOH + EMOH	747.1	0.0	0.0
POF	12.1	9.6	12.1
EFOF	7.7	30.1	29.2
EMOF	8.5	0.0	0.0
	-10.000	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1056}{8760 - 839.7} \times (2633 + 0) = 2,561.1$$

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

$$100 - 12.1 - \frac{2,561.1}{8,760.0} \times 100 = 58.7$$

- 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 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 0.50%

	<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	87.7	75.0	74.9
POH + EPOH	168.0	161.5	168.0
FOH + EFOH	0.5	1,972.9	1,971.4
MOH + EMOH	905.3	58.9	58.9
POF	1.9	1.8	1.9
EFOF	0.0	22.5	22.5
EMOF	10.3	0.7	0.7
	-10.000	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 168}{8760 - 161.5} \times (1972.9 + 58.9) = 2,030.3$$

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

$$100 - 1.9 - \frac{2030.3}{8,760.0} \times 100 = 74.9$$

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

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
POLK UNIT NO. 2
JANUARY 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 5.01%

	<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	89.3	91.4	88.8
POH + EPOH	696.0	452.1	696.0
FOH + EFOH	132.9	245.8	238.6
MOH + EMOH	104.9	53.5	51.9
POF	7.9	5.2	7.9
EFOF	1.5	2.8	2.7
EMOF	1.2	0.6	0.6
	-2.874	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 696}{8760 - 452.1} \times (245.8 + 53.5) = 290.5$$

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

$$100 - 7.9 - \frac{290.5}{8,760.0} \times 100 = 88.8$$

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

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BAYSIDE UNIT NO. 1
JANUARY 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 1.86%

	<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	77.4	74.8	76.8
POH + EPOH	1,776.0	1,957.4	1,776.0
FOH + EFOH	144.8	33.5	34.4
MOH + EMOH	61.5	214.7	220.4
POF	20.3	22.3	20.3
EFOF	1.7	0.4	0.4
EMOF	0.7	2.5	2.5
	-1.923	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 1776}{8760 - 1957.4} \times (33.5 + 214.7) = 254.8$$

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

$$100 - 20.3 - \frac{254.8}{8,760.0} \times 100 = 76.8$$

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

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BAYSIDE UNIT NO. 2
JANUARY 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 1.44%

	<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	92.7	90.8	93.6
POH + EPOH	336.0	577.6	336.0
FOH + EFOH	70.4	80.6	83.0
MOH + EMOH	229.1	141.5	145.7
POF	3.8	6.6	3.8
EFOF	0.8	0.9	0.9
EMOF	2.6	1.6	1.7
	9.760	EQUIVALENT AVAILABILITY POINTS	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

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

$$\frac{8760 - 336}{8760 - 577.6} \times (80.6 + 141.5) = 228.7$$

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

$$100 - 3.8 - \frac{228.7}{8,760.0} \times 100 = 93.6$$

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

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 4
JANUARY 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 11.18%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	10,726	11,113
NET GENERATION (GWH)	1,417.5	1,419.9
OPERATING BTU (10 ⁹)	17,243.9	15,778.1
NET OUTPUT FACTOR	47.8	56.1

-3.493 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-5.75) + 11001.27 = ANOHR$

$$56.1 * (-5.75) + 11001.27 = 10,679$$

$$11,113 - 10,679 = 434$$

$$10,726 + 434 = 11,160 \leftarrow \text{ADJUSTED ACTUAL HEAT RATE AT TARGET NOF}$$

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

**TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
POLK UNIT NO. 1
JANUARY 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 6.62%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	8,855	9,068
NET GENERATION (GWH)	501.2	635.0
OPERATING BTU (10 ⁹)	4,456.1	5,758.7
NET OUTPUT FACTOR	79.1	65.9

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-14.09) + 9969.36 = ANOHR$

$65.9 * (-14.09) + 9969.36 = 9,041$

$9,068 - 9,041 = 28$

$8,855 + 28 = 8,883$ ← 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 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 52.47%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	6,841	7,033
NET GENERATION (GWH)	6,959.4	6,611.8
OPERATING BTU (10 ⁹)	48,626.1	46,498.9
NET OUTPUT FACTOR	76.0	73.8

-0.518 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $\text{NOF} * (-33.33) + 9373.45 = \text{ANOHR}$

$$73.8 * (-33.33) + 9373.45 = 6,914$$

$$7,033 - 6,914 = 119$$

$$6,841 + 119 = 6,960$$

← 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 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 4.45%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	7,339	7,428
NET GENERATION (GWH)	3,127.4	2,950.4
OPERATING BTU (10 ⁹)	23,074.4	21,914.4
NET OUTPUT FACTOR	65.3	59.6

0.000 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION:	$\text{NOF} * (-6.98) + 7794.97$	=	ANOHR	
	$59.6 * (-6.98) + 7794.97$	=	7,379	
	7,428 - 7,379	=	48	
	7,339 + 48	=	7,388	← 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 2022 - DECEMBER 2022**

WEIGHTING FACTOR = 12.09%

	<u>12 MONTH TARGET</u>	<u>12 MONTH ACTUAL PERFORMANCE</u>
ANOHR (Btu/kwh)	7,695	7,394
NET GENERATION (GWH)	3,498.4	4,716.2
OPERATING BTU (10 ⁹)	26,875.9	34,870.3
NET OUTPUT FACTOR	47.4	58.6

0.246 HEAT RATE POINTS

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: $NOF * (-19.75) + 8631.3 = ANOHR$

$58.6 * (-19.75) + 8631.3 = 7,474$

$7,394 - 7,474 = -80$

$7,695 + -80 = 7,615$ ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

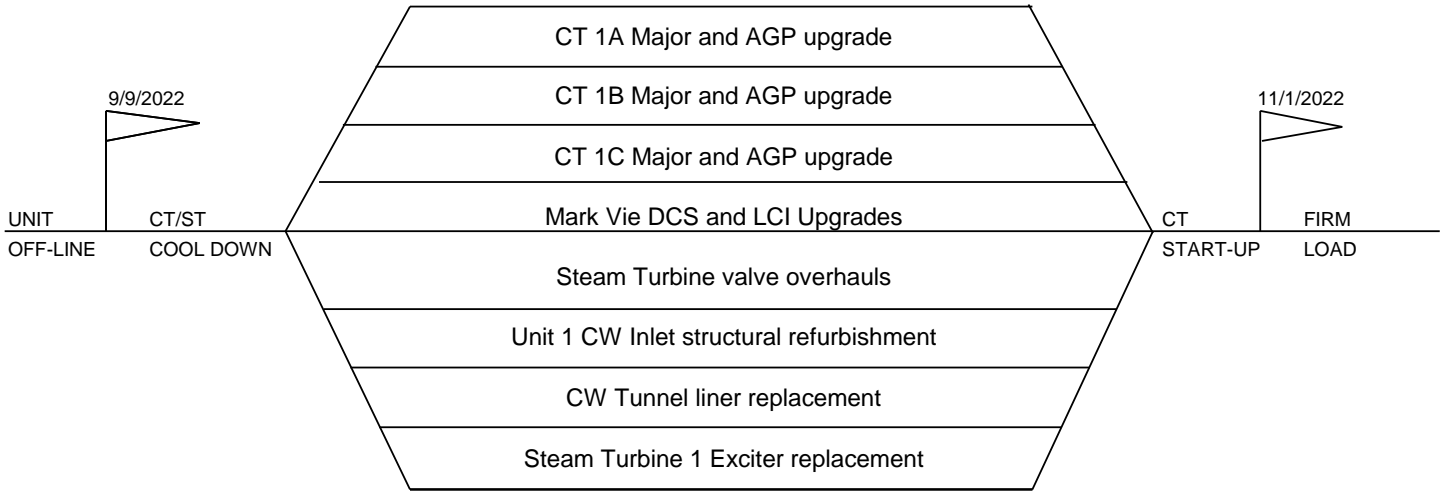
ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

**TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ACTUAL)
GPIF UNITS
JANUARY 2022 - DECEMBER 2022**

PLANT / UNIT	PLANNED OUTAGE DATES	OUTAGE DESCRIPTION
BIG BEND 4	Apr 13 - May 01	Fuel System Clean-up, Platen superheater work, Boiler tubes inspection/repairs
POLK 1	Oct 25 - Nov 01	Combined Cycle Planned Outage
POLK 2	May 07 - May 13 Dec 11 - Dec 17	Combined Cycle Planned Outage Combined Cycle Planned Outage
+ BAYSIDE 1	Sep 09 - Nov 01	CT 1A Major and AGP upgrade CT 1B Major and AGP upgrade CT 1C Major and AGP upgrade Mark Vie DCS and LCI Upgrades Steam Turbine valve overhauls Unit 1 CW Inlet structural refurbishment CW Tunnel liner replacement Steam Turbine 1 Exciter replacement
BAYSIDE 2	Dec 07 - Dec 23	Combined Cycle Planned Outage

+ These units have CPM included. 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 2022 - DECEMBER 2022**



TAMPA ELECTRIC COMPANY
BAYSIDE 1
PLANNED OUTAGE 2022
PROJECTED CPM

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2022 - DECEMBER 2022

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	1,396.6	75.6	+10	3,563.3	9,624
+9	1,257.0	75.2	+9	3,207.0	9,727
+8	1,117.3	74.8	+8	2,850.7	9,829
+7	977.6	74.4	+7	2,494.3	9,932
+6	838.0	74.0	+6	2,138.0	10,035
+5	698.3	73.7	+5	1,781.7	10,137
+4	558.7	73.3	+4	1,425.3	10,240
+3	419.0	72.9	+3	1,069.0	10,343
+2	279.3	72.5	+2	712.7	10,446
+1	139.7	72.1	+1	356.3	10,548
0	0.0	71.7	0	0.0	10,651
					10,726
					10,801
-1	(151.2)	71.0	-1	(356.3)	10,904
-2	(302.3)	70.2	-2	(712.7)	11,007
-3	(453.5)	69.4	-3	(1,069.0)	11,109
-4	(604.6)	68.7	-4	(1,425.3)	11,212
-5	(755.8)	67.9	-5	(1,781.7)	11,315
-6	(906.9)	67.1	-6	(2,138.0)	11,418
-7	(1,058.1)	66.3	-7	(2,494.3)	11,520
-8	(1,209.3)	65.6	-8	(2,850.7)	11,623
-9	(1,360.4)	64.8	-9	(3,207.0)	11,726
-10	(1,511.6)	64.0	-10	(3,563.3)	11,828

**EAF
POINTS
-10.000**

**Adjusted
EAF
58.7**

**AHR
POINTS
-3.493**

**Adjusted
ANOHR
11,160**

Weighting Factor = 4.38%

Weighting Factor = 11.18%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2022 - DECEMBER 2022

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	160.0	89.9	+10	2,111.3	7,271
+9	144.0	89.7	+9	1,900.2	7,422
+8	128.0	89.5	+8	1,689.1	7,573
+7	112.0	89.3	+7	1,477.9	7,724
+6	96.0	89.0	+6	1,266.8	7,875
+5	80.0	88.8	+5	1,055.7	8,026
+4	64.0	88.6	+4	844.5	8,177
+3	48.0	88.4	+3	633.4	8,327
+2	32.0	88.2	+2	422.3	8,478
+1	16.0	88.0	+1	211.1	8,629
					8,780
0	0.0	87.7	0	0.0	8,855
				AHR POINTS 0.000	Adjusted ANOHR 8,883
					8,930
-1	(22.6)	87.3	-1	(211.1)	9,081
-2	(45.2)	86.9	-2	(422.3)	9,232
-3	(67.8)	86.4	-3	(633.4)	9,383
-4	(90.4)	86.0	-4	(844.5)	9,534
-5	(113.0)	85.6	-5	(1,055.7)	9,685
-6	(135.6)	85.1	-6	(1,266.8)	9,836
-7	(158.2)	84.7	-7	(1,477.9)	9,987
-8	(180.8)	84.3	-8	(1,689.1)	10,138
-9	EAF POINTS -10.000	Adjusted EAF 74.9	-9	(1,900.2)	10,289
-10	(226.0)	83.4	-10	(2,111.3)	10,440

Weighting Factor =

0.50%

Weighting Factor =

6.62%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2022 - DECEMBER 2022

POLK 2

<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	1,595.5	90.3	+10	16,725.7	5,918
+9	1,436.0	90.2	+9	15,053.1	6,003
+8	1,276.4	90.1	+8	13,380.6	6,088
+7	1,116.9	90.0	+7	11,708.0	6,173
+6	957.3	89.9	+6	10,035.4	6,257
+5	797.8	89.8	+5	8,362.9	6,342
+4	638.2	89.7	+4	6,690.3	6,427
+3	478.7	89.6	+3	5,017.7	6,512
+2	319.1	89.5	+2	3,345.1	6,596
+1	159.6	89.4	+1	1,672.6	6,681
0	0.0	89.3	0	0.0	6,766
-1	(142.3)	89.2	-1	(1,672.6)	6,841
-2	(284.5)	89.0	-2	(3,345.1)	6,916
-3	(426.8)	88.8	-3	(5,017.7)	7,001
-4	(569.0)	88.6	-4	(6,690.3)	7,086
-5	(711.3)	88.4	-5	(8,362.9)	7,170
-6	(853.5)	88.2	-6	(10,035.4)	7,255
-7	(995.8)	88.0	-7	(11,708.0)	7,340
-8	(1,138.0)	87.8	-8	(13,380.6)	7,425
-9	(1,280.3)	87.6	-9	(15,053.1)	7,510
-10	(1,422.5)	87.5	-10	(16,725.7)	7,594

Weighting Factor =

5.01%

Weighting Factor =

52.47%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2022 - DECEMBER 2022

BAYSIDE 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	592.7	78.9	+10	1,417.9	7,168
+9	533.4	78.7	+9	1,276.1	7,178
+8	474.2	78.6	+8	1,134.3	7,188
+7	414.9	78.4	+7	992.5	7,197
+6	355.6	78.3	+6	850.8	7,207
+5	296.4	78.1	+5	709.0	7,216
+4	237.1	78.0	+4	567.2	7,226
+3	177.8	77.8	+3	425.4	7,236
+2	118.5	77.7	+2	283.6	7,245
+1	59.3	77.5	+1	141.8	7,255
0	0.0	77.4	0	0.0	7,264
-1	(6.6)	77.1	-1	(141.8)	7,339
-2	(13.3)	76.8	-2	(283.6)	7,414
-3	(19.9)	76.5	-3	(425.4)	7,424
-4	(26.5)	76.2	-4	(567.2)	7,434
-5	(33.2)	75.9	-5	(709.0)	7,443
-6	(39.8)	75.6	-6	(850.8)	7,453
-7	(46.5)	75.3	-7	(992.5)	7,462
-8	(53.1)	75.0	-8	(1,134.3)	7,472
-9	(59.7)	74.7	-9	(1,276.1)	7,482
-10	(66.4)	74.4	-10	(1,417.9)	7,491



Weighting Factor =

1.86%

Weighting Factor =

4.45%

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2022 - DECEMBER 2022

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	458.8	93.6	+10	3,855.2	7,419
+9	412.9	93.5	+9	3,469.7	7,439
+8	367.0	93.4	+8	3,084.1	7,459
+7	321.2	93.4	+7	2,698.6	7,479
+6	275.3	93.3	+6	2,313.1	7,499
+5	229.4	93.2	+5	1,927.6	7,519
+4	183.5	93.1	+4	1,542.1	7,540
+3	137.6	93.0	+3	1,156.6	7,560
+2	91.8	92.9	+2	771.0	7,580
+1	45.9	92.8	+1	385.5	7,600
0	0.0	92.7	0	0.0	7,695
-1	(69.1)	92.6	-1	(385.5)	7,790
-2	(138.1)	92.4	-2	(771.0)	7,810
-3	(207.2)	92.2	-3	(1,156.6)	7,830
-4	(276.3)	92.0	-4	(1,542.1)	7,850
-5	(345.3)	91.9	-5	(1,927.6)	7,870
-6	(414.4)	91.7	-6	(2,313.1)	7,891
-7	(483.5)	91.5	-7	(2,698.6)	7,911
-8	(552.5)	91.3	-8	(3,084.1)	7,931
-9	(621.6)	91.2	-9	(3,469.7)	7,951
-10	(690.7)	91.0	-10	(3,855.2)	7,971

Weighting Factor =

1.44%

Weighting Factor =

12.09%

**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 22 - DEC 22</u>			<u>ACTUAL PERFORMANCE JAN 22 - DEC 22</u>		
			<u>POF</u>	<u>EUOF</u>	<u>EUOR</u>	<u>POF</u>	<u>EUOF</u>	<u>EUOR</u>
BIG BEND 4	4.38%	33.2%	12.1	16.2	18.4	9.6	30.1	33.2
POLK 1	0.5%	3.8%	1.9	10.3	10.5	1.8	23.2	23.6
POLK 2	5.0%	38.0%	7.9	2.7	2.9	5.2	3.4	3.6
BAYSIDE 1	1.9%	14.1%	20.3	2.4	3.0	22.3	2.8	3.6
BAYSIDE 2	1.4%	10.9%	3.8	3.4	3.6	6.6	2.5	2.7
GPIF SYSTEM	13.2%	100.0%	10.4	7.5	8.5	9.1	12.8	14.1
GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%)			<u>82.1</u>			<u>78.1</u>		
			<u>3 PERIOD AVERAGE</u>			<u>3 PERIOD AVERAGE</u>		
			<u>POF</u>	<u>EUOF</u>	<u>EUOR</u>	<u>EAF</u>		
			9.1	12.8	14.1	78.1		

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 22 - DEC 22</u>	<u>ACTUAL HEAT RATE JAN 22 - DEC 22</u>
BIG BEND 4	11.18%	12.9%	10,726	11,160
POLK 1	6.62%	7.6%	8,855	8,883
POLK 2	52.47%	60.4%	6,841	6,960
BAYSIDE 1	4.45%	5.1%	7,339	7,388
BAYSIDE 2	12.09%	13.9%	7,695	7,615
GPIF SYSTEM	86.8%	100.0%		
GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh)			<u>7,639</u>	<u>7,761</u>

**TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
JANUARY 2022 - DECEMBER 2022**

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> =	0.50%	*	(PK 1 EAP)	+	5.01%	*	(PK 2 EAP)	+	1.86%	*	(BAY 1 EAP)
	+ 1.44%	*	(BAY 2 EAP)	+	6.62%	*	(PK 1 AHRP)	+	52.47%	*	(PK 2 AHRP)
	+ 4.45%	*	(BAY 1 AHRP)	+	12.09%	*	(BAY 2 AHRP)	+	11.18%	*	(BB 4 AHRP)
	+ 4.38%	*	(BB 4 EAP)								

<i>GPIP</i> =	0.50%	*	-10.000	+	5.01%	*	-2.874	+	1.86%	*	-1.923
	+ 1.44%	*	9.760	+	6.62%	*	0.000	+	52.47%	*	-0.518
	+ 4.45%	*	0.000	+	12.09%	*	0.246	+	11.18%	*	-3.493
	+ 4.38%	*	-10.000								

<i>GPIP</i> =	-0.050	+	-0.144	+	-0.036
	+ 0.140	+	0.000	+	-0.272
	+ 0.000	+	0.030	+	-0.390
	+ -0.438				

GPIP = -1.160 POINTS

REWARD/PENALTY dollar amounts of the Generating Performance Incentive Factor (GPIF) are determined directly from the table for the corresponding Generating Performance Points (GPIP) on page 2.

GPIF PENALTY = (\$1,648,937)

EXHIBIT NO. EBV-1
TAMPA ELECTRIC COMPANY
DOCKET NO. 20230001-EI
GPIF 2022 FINAL TRUE-UP
DOCUMENT NO. 2

EXHIBIT TO THE TESTIMONY OF
ELENA B. VANCE

DOCKET NO. 20230001-EI

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2022 - DECEMBER 2022
TRUE-UP

DOCUMENT NO. 2
ACTUAL UNIT PERFORMANCE DATA

ORIGINAL SHEET NO. 8.401.22A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2022 - DECEMBER 2022

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	
BIG BEND 4		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	60.4	68.6	84.4	37.9	91.1	87.2	62.1	87.7	30.4	0.0	24.1	88.5	60.3
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	489.1	501.7	684.6	290.3	734.0	714.3	618.1	744.0	253.4	0.0	184.9	733.3	5,947.7
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	254.9	170.3	58.4	429.7	10.0	5.7	125.9	0.0	466.6	744.0	536.1	10.7	2,812.3
6. Planned Outage Hours	POH	0.0	0.0	0.0	429.7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	439.7
7. Forced Outage Hours	FOH	254.9	170.3	58.4	0.0	0.0	5.7	125.9	0.0	466.6	744.0	536.1	10.7	2,372.6
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	489.1	501.7	685.6	290.3	734.0	714.3	618.1	744.0	253.5	0.0	184.9	733.3	5,948.8
9b. Load Reduction Partial Planned (MW)	LRPP	35.0	35.0	35.0	25.0	25.0	25.0	25.0	25.0	25.0	0.0	25.0	35.0	29.1
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	7.0	0.0	135.4	254.0	549.3	720.0	253.5	0.0	0.0	54.6	1,973.8
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	140.1	0.0	40.0	73.9	91.7	28.0	32.5	0.0	0.0	125.0	56.1
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	1,293.5	1,642.3	1,895.6	794.5	1,721.3	1,707.3	1,578.4	1,959.1	575.6	0.0	458.9	2,151.8	15,778.1
14. Net Generation (MWH)	NETGEN	120,227.0	162,984.0	172,474.0	76,825.0	161,117.0	149,131.0	133,740.0	155,157.0	47,320.0	0.0	40,823.0	200,053.0	1,419,851.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,759.0	10,076.0	10,991.0	10,342.0	10,683.0	11,448.0	11,802.0	12,626.0	12,165.0	0.0	11,241.0	10,756.0	11,112.5
16. Net Output Factor (%)	NOF	56.9	75.2	58.3	62.7	52.0	49.5	51.3	49.4	44.2	0.0	52.3	63.2	56.1
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 (-5.75239) + 11,001												

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ORIGINAL SHEET NO. 8.401.22A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2022 - DECEMBER 2022

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-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	0.0	0.0	76.8	92.5	96.6	64.6	96.4	95.0	99.4	80.0	94.6	98.0	75.0
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	0.0	0.0	157.6	657.3	718.8	326.8	649.1	207.3	474.7	427.8	360.2	601.6	4,581.2
4. Reserve Shutdown Hours	RSH	0.0	0.0	412.8	8.5	0.0	138.1	68.0	499.5	241.0	167.7	322.1	128.6	1,986.3
5. Unavailable Hours	UH	744.0	672.0	172.6	54.2	25.2	255.1	26.9	37.2	4.3	148.5	38.7	13.8	2,192.5
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147.6	13.9	0.0	161.5
7. Forced Outage Hours	FOH	744.0	672.0	170.6	54.2	25.2	254.2	0.0	37.2	0.0	0.9	0.0	13.8	1,972.1
8. Maintenance Outage Hours	MOH	0.0	0.0	2.0	0.0	0.0	0.9	26.9	0.0	4.3	0.0	24.8	0.0	58.9
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.5
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.3	65.3
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	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.8
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	0.0	213.4	831.4	887.1	389.7	786.9	252.2	616.1	542.9	490.9	748.2	5,758.7
14. Net Generation (MWH)	NETGEN	-2,824.0	-2,352.0	22,003.0	93,340.0	100,897.0	41,501.0	86,697.0	26,356.0	69,203.0	60,735.0	55,753.0	83,726.0	635,035.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	0.0	9,697.0	8,907.0	8,792.0	9,390.0	9,076.0	9,569.0	8,903.0	8,938.0	8,805.0	8,936.0	9,068.3
16. Net Output Factor (%)	NOF	0.0	0.0	60.7	70.3	69.5	62.9	66.1	62.9	72.2	71.0	77.4	60.5	65.9
17. Net Period Continuous Rating (MW)	NPC	230.0	230.0	230.0	202.0	202.0	200.0	200.0	200.0	200.0	200.0	200.0	230.0	210.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-14.0911) + 9,969												

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. 8.401.22A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2022 - DECEMBER 2022

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 2		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	99.8	96.6	71.1	92.2	81.6	100.0	100.0	97.8	100.0	97.8	90.6	70.3	91.4
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	418.9	720.0	584.1	720.0	744.0	744.0	720.0	737.1	720.1	565.1	8,089.3
4. Reserve Shutdown Hours	RSH	0.0	0.0	133.4	0.0	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	169.8
5. Unavailable Hours	UH	0.0	0.0	190.7	28.1	123.5	0.0	0.0	0.0	0.0	15.9	67.7	210.9	636.8
6. Planned Outage Hours	POH	0.0	0.0	39.5	24.0	117.2	0.0	0.0	0.0	0.0	0.0	67.1	151.9	399.7
7. Forced Outage Hours	FOH	0.0	0.0	151.3	4.2	6.3	0.0	0.0	0.0	0.0	3.5	0.4	59.0	224.7
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.2	0.0	12.6
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	82.6	103.0	78.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	264.3
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	329.1	251.3	125.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	238.0
10a. Partial Forced Outage Hours	PFOH	14.3	0.0	11.4	29.5	26.2	0.0	0.0	0.0	1.0	5.3	0.0	95.2	182.9
10b. Load Reduction Partial Forced (MW)	LRPF	115.5	0.0	120.1	120.0	159.0	0.0	0.0	0.0	92.2	164.6	0.0	122.5	127.7
11a. Partial Maintenance Outage Hours	PMOH	0.0	223.0	0.0	0.0	0.0	0.0	2.0	140.3	0.0	0.0	0.0	0.0	365.4
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	123.7	0.0	0.0	0.0	0.0	119.9	124.5	0.0	0.0	0.0	0.0	124.0
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	4,601.8	3,649.1	2,275.7	4,272.7	3,391.3	4,639.2	4,586.5	4,636.1	4,275.2	4,111.4	3,748.0	2,311.7	46,498.9
14. Net Generation (MWH)	NETGEN	660,833.0	528,140.0	302,615.0	611,798.0	482,932.0	667,334.0	656,042.0	660,545.0	605,097.0	580,875.0	537,776.0	317,784.0	6,611,771.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,964.0	6,909.0	7,520.0	6,984.0	7,022.0	6,952.0	6,991.0	7,019.0	7,065.0	7,078.0	6,969.0	7,275.0	7,032.7
16. Net Output Factor (%)	NOF	74.0	65.5	60.2	80.1	77.9	87.4	83.1	83.7	79.2	74.3	70.4	46.9	73.8
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 (-33.3314) + 9.373												

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. 8.401.22A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2022 - DECEMBER 2022

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE 1		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	85.5	100.0	75.7	95.8	99.6	98.9	98.4	93.2	24.9	0.0	27.6	99.0	74.8
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	636.0	672.0	732.2	720.0	735.4	720.0	744.0	744.0	212.6	0.0	105.1	744.0	6,765.3
4. Reserve Shutdown Hours	RSH	0.2	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	93.0	0.0	98.9
5. Unavailable Hours	UH	107.8	0.0	124.0	20.7	2.9	5.4	8.0	33.5	529.8	744.0	521.9	5.2	2,103.2
6. Planned Outage Hours	POH	0.0	0.0	107.7	18.6	0.0	0.0	0.0	0.0	507.4	744.0	521.1	0.0	1,898.8
7. Forced Outage Hours	FOH	0.0	0.0	7.4	0.0	2.9	0.0	0.0	9.7	0.0	0.0	0.7	1.0	21.7
8. Maintenance Outage Hours	MOH	107.8	0.0	8.8	2.0	0.0	5.4	7.9	23.9	22.3	0.0	0.0	4.2	182.3
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	434.8	83.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	518.6
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	92.7	73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.5
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	55.7	0.0	0.0	0.0	0.0	43.5	0.0	0.0	3.3	4.3	106.8
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	81.2	0.0	0.0	0.0	0.0	79.0	0.0	0.0	85.2	84.8	80.6
11a. Partial Maintenance Outage Hours	PMOH	3.8	0.0	0.0	9.1	0.0	24.4	35.7	107.3	100.4	0.0	0.0	18.2	298.9
11b. Load Reduction Partial Maintenance (MW)	LRPM	79.3	0.0	0.0	79.0	0.0	77.0	79.0	79.0	79.0	0.0	0.0	84.9	79.2
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	1,735.0	1,863.0	2,144.3	2,460.1	2,527.2	2,653.1	2,532.6	2,553.4	674.5	0.0	313.5	2,457.7	21,914.4
14. Net Generation (MWH)	NETGEN	233,385.6	249,129.0	289,738.0	330,681.0	339,607.0	358,924.0	340,129.0	345,234.0	91,006.0	0.0	35,660.0	336,885.0	2,950,378.6
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,434.0	7,478.0	7,401.0	7,439.0	7,442.0	7,392.0	7,446.0	7,396.0	7,412.0	0.0	8,790.0	7,295.0	7,427.7
16. Net Output Factor (%)	NOF	46.3	46.8	50.0	65.5	65.9	71.1	65.2	66.2	61.1	0.0	48.4	57.2	59.6
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 (-6.9752) + 7,795												

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. 8.401.22A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2022 - DECEMBER 2022

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 2		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	2022
1. Equivalent Availability Factor (%)	EAF	96.2	96.7	96.0	80.0	96.7	100.0	99.7	100.0	94.8	94.1	97.4	38.8	90.8
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	744.0	669.7	743.0	719.1	719.8	720.0	744.0	744.0	711.9	744.0	721.0	325.1	8,305.6
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.2	0.0	0.0	0.0	38.2
5. Unavailable Hours	UH	20.0	16.1	21.1	96.5	24.2	0.0	0.0	0.0	8.1	0.0	0.0	454.9	640.9
6. Planned Outage Hours	POH	0.0	0.0	0.0	95.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	440.0	535.7
7. Forced Outage Hours	FOH	0.0	9.2	21.1	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	14.8	48.8
8. Maintenance Outage Hours	MOH	20.0	6.8	0.0	0.9	24.2	0.0	0.0	0.0	4.4	0.0	0.0	0.0	56.3
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	569.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	569.7
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0
10a. Partial Forced Outage Hours	PFOH	0.0	48.6	121.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.5	6.1	250.9
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	77.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	231.0	77.2	122.7
11a. Partial Maintenance Outage Hours	PMOH	114.5	39.2	0.0	0.0	0.0	0.0	29.5	0.0	357.6	531.0	0.0	0.0	1,071.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	77.0	77.0	0.0	0.0	0.0	0.0	77.0	0.0	77.0	77.0	0.0	0.0	77.0
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	2,904.1	2,090.4	3,602.1	2,409.1	3,329.1	3,407.6	3,341.9	3,941.6	2,894.3	2,657.7	3,352.0	940.3	34,870.3
14. Net Generation (MWH)	NETGEN	388,584.4	275,971.9	489,027.0	321,486.0	451,937.0	465,839.0	453,985.0	542,449.0	386,876.0	359,146.0	458,778.0	122,083.0	4,716,162.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,474.0	7,575.0	7,366.0	7,494.0	7,366.0	7,315.0	7,361.0	7,266.0	7,481.0	7,400.0	7,306.0	7,703.0	7,393.8
16. Net Output Factor (%)	NOF	49.9	39.4	62.9	48.1	67.6	69.6	65.7	78.5	61.8	52.0	68.5	35.9	58.6
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 (-19.7526) + 8,631												

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