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September 4, 2025

**VIA: ELECTRONIC FILING**

Mr. Adam J. Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor; FPSC Docket No. 20250001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket is Tampa Electric Company's Projection Testimony for the period January 2026 through December 2026, as follows:

- Prepared Direct Testimony of Adam L. Parke and Exhibit ALP-2.

Thank you for your assistance in connection with this matter.

Sincerely,

Malcolm N. Means

MNM/bml
Attachment

cc: All Parties of Record (w/encl.)

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Projection Testimony, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 4th day of September 2025 to the following:

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ATTORNEY


BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20250001-EI

FUEL & PURCHASED POWER COST RECOVERY

AND

CAPACITY COST RECOVERY

GENERATING PERFORMANCE INCENTIVE FACTOR

PROJECTIONS

JANUARY 2026 THROUGH DECEMBER 2026

TESTIMONY AND EXHIBIT

OF

ADAM L. PARKE

FILED: SEPTEMBER 4, 2025

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

**PREPARED DIRECT TESTIMONY**

**OF**

**ADAM L. PARKE**

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

**A.** My name is Adam L. Parke. My business address is 3600 Midtown Drive, Tampa, Florida 33607. I am employed by Tampa Electric Company ("Tampa Electric" or "company") in the position of Supervisor, Mechanical Reliability in the Asset Management department.

**Q.** Please provide a brief description of your educational background and work experience.

**A.** I received a Bachelor of Science degree in Mechanical Engineering from the University of South Florida in 1999 and a Master of Business Administration in 2012 from the University of Tampa. I have accumulated 18 years of experience in the electric utility industry, with experience in the areas of generation planning, plant engineering/ maintenance, and plant operations engineer. In my previous role as a Senior Engineer, I was

responsible for the balance of plant equipment on the Big Bend Modernization project to convert Big Bend Unit 1 from a coal unit to a combined-cycle unit. In my current role as Supervisor, Mechanical Reliability, I am responsible for supervising the development and implementation of fleet wide maintenance and inspection programs for boilers, high energy piping, and turbines to help ensure equipment operational reliability.

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

**A.** My testimony describes Tampa Electric's methodology for determining the various factors required to compute the Generating Performance Incentive Factor ("GPIF") as ordered by the Commission.

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

**A.** Yes. Exhibit No. ALP-2, consisting of two documents, was prepared under my direction and supervision. Document No. 1 contains the GPIF schedules. Document No. 2 is a summary of the GPIF targets for the 2026 period.

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

included in the determination of the GPIF?

**A.** Four natural gas combined cycle ("CC") units are included. These are Big Bend Unit 1 CC, Polk Unit 2, and Bayside Units 1 and 2.

**Q.** Does your exhibit comply with the Commission's approved GPIF methodology?

**A.** Yes. In accordance with the GPIF Manual, the GPIF units selected represent no less than 80 percent of the estimated system net generation. The units Tampa Electric proposes to use for the period January 2026 through December 2026 represent the top 81 percent of the total forecasted system net generation for this period. It includes generation from the Big Bend Unit 1 CC, commissioned in December 2022. Tampa Electric included Big Bend Unit 1 CC as it is the most efficient unit and makes up 32 percent of our generation.

To account for the concerns presented in the testimony of Commission Staff witness Sidney W. Matlock during the 2005 fuel hearing, Tampa Electric removes outliers from the calculation of the GPIF targets. The methodology was approved by the Commission in Order No. PSC-2006-1057-

FOF-EI issued in Docket No. 20060001-EI on December 22, 2006.

**Q.** Did Tampa Electric identify any outages as outliers?

**A.** Yes, Tampa Electric identified and removed Big Bend Unit 1 CC and Bayside Unit 2 outages as outliers based on the outlier criteria established in Order No. PSC-2006-1057-FOF-EI.

**Q.** Did Tampa Electric make any other adjustments?

**A.** Yes. As allowed per Section 4.3 of the GPIF Implementation Manual, the company adjusted the Forced Outage and Maintenance Outage Factors to reflect recent unit performance and known unit modifications or equipment changes.

**Q.** Please describe how Tampa Electric developed the various factors associated with GPIF.

**A.** The company established targets for equivalent availability and heat rate for each unit considered for the 2026 period. The company determined a range of potential improvements and degradations for each of these

metrics.

**Q.** How were the target values for unit availability determined?

**A.** Tampa Electric subtracted the Planned Outage Factor ("POF") and the Equivalent Unplanned Outage Factor ("EUOF") from 100 percent to determine the target Equivalent Availability Factor ("EAF"). The factors for each of the four units included within the GPIF are shown on page 5 of Document No. 1.

To give an example for the 2026 period, the projected EUOF for Bayside Unit 1 is 1.7 percent, the POF is 28.8 percent. Therefore, the target EAF for Bayside Unit 1 equals 69.6 percent or:

$$100\% - (1.7\% + 28.8\%) = 69.6\%$$

This is shown on Page 4, column 3 of Document No. 1.

**Q.** How was the potential for unit availability improvement determined?

**A.** Maximum equivalent availability is derived using the

following formula:

$$EAF_{MAX} = 1 - [0.80\ (EUOF_T) + 0.95\ (POF_T)]$$

The factors included in the above equations are the same factors that determine the target equivalent availability. Calculating the maximum incentive points, a 20 percent reduction in EUOF, plus a five percent reduction in the POF is necessary. Continuing with the Bayside Unit 1 example:

$$EAF_{MAX} = 1 - [0.80\ (1.7\%) + 0.95\ (28.8\%)] = 71.3\%$$

This is shown on page 4, column 4 of Document No. 1.

**Q.** How was the potential for unit availability degradation determined?

**A.** The potential for unit availability degradation is significantly greater than the potential for unit availability improvement. This concept was discussed extensively during the development of the incentive. To incorporate this biased effect into the unit availability tables, Tampa Electric uses a potential degradation range equal to twice the potential improvement. Consequently,

minimum equivalent availability is calculated using the following formula:

$$EAF_{MIN} = 1 - [1.40\ (EUOF_T) + 1.10\ (POF_T)]$$

Again, continuing using the Bayside Unit 1 example,

$$EAF_{MIN} = 1 - [1.40\ (1.7\%) + 1.10\ (28.8\%)] = 66.0\%$$

The equivalent availability maximum and minimum for the other four units are computed in a similar manner.

**Q.** How did Tampa Electric determine the Planned Outage, Maintenance Outage, and Forced Outage Factors?

**A.** The company's planned outages for January 2026 through December 2026 are shown on page 15 of Document No. 1. Three GPIF units have a major planned outage of 28 days or greater in 2026; therefore, three Critical Path Method Diagrams are provided.

The company calculates Planned Outage Factors for each unit. For example, Bayside Unit 1 is scheduled for a planned outage more than 28 days from February 1, 2026, to May 11, 2026. There are 2,520 total planned outage hours scheduled for the 2026 period out of a total of 8,760 hours during this 12-month period. Consequently,

the POF for Bayside Unit 1 is 28.8 percent or:

$$\frac{2,520}{8,760} \times 100\% = 28.8\%$$

The factor for each unit is shown on pages 5 and 11 through 14 of Document No. 1. Big Bend Unit 1 CC has a POF of 7.9 percent, Polk Unit 2 has a POF of 9.0 percent, Bayside Unit 1 has a POF of 28.8 percent and Bayside Unit 2 has a POF of 3.6 percent.

**Q.** How did you determine the Forced Outage and Maintenance Outage Factors for each unit?

**A.** Projected factors are based upon historical unit performance. For each unit, the three most recent July through June annual periods formed the basis of the target development. The company analyzes historical data and target values to assure applicability to current conditions of operation. This provides assurance that any periods of abnormal operations or recent trends having material effect can be taken into consideration. These target factors are additive and result in a EUOF of 1.7 percent for Bayside Unit 1. The EUOF of Bayside Unit 1 is verified by the data shown on page 13, lines 3, 5, 10, and 11 of Document No. 1 and calculated using the

following formula:

$$EUOF = \frac{(EFOH + EMOH)}{PH} \times 100\%$$

Or

$$EUOF = \frac{(55 + 92)}{8{,}760} \times 100\% = 1.7\%$$

Relative to Bayside Unit 1, the EUOF of 1.7 percent forms the basis of the equivalent availability target development as shown on pages 4 and 5 of Document No. 1.

**Big Bend Unit 1 CC**

The projected EUOF for this unit is 3.0 percent. The unit will have one planned outage longer than 28 days in 2026, and the POF is 7.9 percent. Therefore, the target equivalent availability for this unit is 89.0 percent.

**Polk Unit 2**

The projected EUOF for this unit is 4.2 percent. The unit will have two planned outages in 2026, and the POF is 9.0 percent. Therefore, the target equivalent availability for this unit is 86.7 percent.

**Bayside Unit 1**

The projected EUOF for this unit is 1.7 percent. The unit will have one planned outage longer than 28 days in 2026, and the POF is 28.8 percent. Therefore, the target equivalent availability for this unit is 69.6 percent.

**Bayside Unit 2**

The projected EUOF for this unit is 6.3 percent. There are no planned outages longer than 28 days scheduled for 2026, and the POF is 3.6 percent. Therefore, the target equivalent availability for this unit is 90.1 percent.

**Q.** Please summarize your testimony regarding EAF.

**A.** The GPIF system weighted EAF of 85.5 percent is shown on page 5 of Document No. 1.

**Q.** Why are Forced and Maintenance Outage Factors adjusted for planned outage hours?

**A.** The adjustment makes the factors more accurate and comparable. A unit in a planned outage stage or reserve shutdown stage cannot incur a forced or maintenance outage. To demonstrate the effects of a planned outage, note the Equivalent Unplanned Outage Rate and Equivalent

Unplanned Outage Factor for Bayside Unit 1 on page 13 of Document No. 1. Except for the months of February, March April, May, October and November, the Equivalent Unplanned Outage Rate and Equivalent Unplanned Outage Factor are equal. This is because no planned outages are scheduled for these months. During the months of planned outages, the Equivalent Unplanned Outage Rate exceeds the Equivalent Unplanned Outage Factor due to the scheduled planned outages. Therefore, the adjusted factors apply to the period hours after the planned outage hours have been extracted.

**Q.** Does this mean that both rate and factor data are used in calculated data?

**A.** Yes. Rates provide a proper and accurate method of determining unit metrics, which are subsequently converted to factors. Therefore,

$$EFOF + EMOF + POF + EAF = 100\%$$

Since factors are additive, they are easier to work with and to understand.

**Q.** Has Tampa Electric prepared the necessary heat rate data

required for the determination of the GPIF?

**A.** Yes. Tampa Electric developed target heat rates and ranges of potential operation as required and adjusted them to reflect the aforementioned agreed-upon GPIF methodology.

**Q.** How did Tampa Electric determine the targets?

**A.** Net heat rate data for the three most recent July through June annual periods formed the basis for the target development. The company analyzes historical data and the target values to assure applicability to current conditions of operation. This provides assurance that any period of abnormal operations or equipment modifications having material effect on heat rate can be taken into consideration.

**Q.** How did the company determine the ranges of heat rate improvement and heat rate degradation?

**A.** The company determined the ranges through analysis of historical net heat rate and net output factor data. This is the same data from which the net heat rate versus net output factor curves have been developed for each unit. This information is shown on pages 24 through 27 of

Document No. 1.

**Q.** Please elaborate on the analysis used in the determination of the ranges.

**A.** The net heat rate versus net output factor curves are the result of a first order curve fit to historical data. The company determined the standard error of the estimate of this data and applied a factor to produce a band of potential improvement and degradation. The computer program for each unit performed both the curve fit and the standard error of the estimate. These curves are also used in post-period adjustments to actual heat rates to account for unanticipated changes in unit dispatch and fuel.

**Q.** Please summarize your heat rate projection (Btu/Net kWh) and the range about each target to allow for potential improvement or degradation for the 2026 period.

**A.** The heat rate target for Big Bend Unit 1 CC is 6,403 Btu/Net kWh with a range of ±249 Btu/Net kWh. The heat rate target for Polk Unit 2 is 7,131 Btu/Net kWh with a range of ±134 Btu/Net kWh. The heat rate for Bayside Unit 1 is 7,242 Btu/Net kWh with a range of ±300 Btu/Net kWh.

The heat rate target for Bayside Unit 2 is 7,572 Btu/Net kWh with a range of ±285 Btu/Net kWh. A zone of tolerance of ±75 Btu/Net kWh is included within a range for each target. This is shown on pages 7 through 10 of Document No. 1.

**Q.** Do these heat rate targets and ranges meet the Commission's requirements?

**A.** Yes.

**Q.** After determining the target values and ranges for average net operating heat rate and equivalent availability, what is the next step in determining the GPIF targets?

**A.** The next step is to calculate the savings and weighting factor to be used for both average net operating heat rate and equivalent availability. This is shown in Document No. 1, pages 7 through 10. The company performed the baseline production costing analysis to calculate the total system fuel cost if all units operated at target heat rate and target availability for the period. This total system fuel cost of $734,055,680 is shown on Document No. 1, page 6, column 2. Tampa Electric performed multiple production cost simulations to calculate total

system fuel cost with each unit individually operating at maximum improvement in equivalent availability and each station operating at maximum improvement in average net operating heat rate. The respective savings are shown on page 6, column 4 of Document No. 1.

Column 4 totals $24,456,710, which reflects the savings if all of the units operated at maximum improvement. The company then calculates a weighting factor for each metric by dividing unit savings by the total. For Bayside Unit 1, the weighting factor for average net operating heat rate is 11.80 percent as shown in the right-hand column on Document No. 1, page 6. Pages 7 through 10 of Document No. 1 show the point table, the Fuel Savings/(Loss) and the equivalent availability or heat rate value. The individual weighting factor is also shown. For example, as shown on page 9 of Document No. 1, if Bayside Unit 1, operates at 6,943, the adjusted actual average heat rate, fuel savings would equal $2,886,900 and +10 average net operating heat rate points would be awarded.

The GPIF Reward/Penalty table on page 2 of Document No. 1 is a summary of the tables on pages 7 through 10. The left-hand column of this document shows the incentive points for Tampa Electric. The center column shows the

total fuel savings and is the same amount as shown on page 6, column 4, or $24,456,710. The right-hand column of page 2 is the estimated reward or penalty based upon performance.

**Q.** How did the company determine the maximum allowed incentive?

**A.** Referring to page 3, line 14, the estimated average common equity for the period January 2026 through December 2026 is $5,762,210,477. This produces the maximum allowed jurisdictional incentive of $19,356,023 shown on line 21.

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

**A.** Yes. As Order No. PSC-2013-0665-FOF-EI, issued in Docket No. 20130001-EI on December 18, 2013, states, incentive dollars are not to exceed 50 percent of fuel savings. Page 2 of Document No. 1 demonstrates that this constraint is met, limiting total potential reward and penalty incentive dollars to $12,228,355.

**Q.** Please summarize your direct testimony.

**A.** Tampa Electric has complied with the Commission's directions, philosophy, and methodology in its determination of the GPIF. The GPIF is determined by the following formula for calculating Generating Performance Incentive Points (GPIP).

$$GPIP = (0.0608\ EAP_{BBCC1} + 0.1019\ EAP_{PK2} + 0.1702\ EAP_{BAY1} + 0.0857\ EAP_{BAY2} + 0.2810\ HRP_{BBCC1} + 0.1127\ HRP_{PK2} + 0.1180\ HRP_{BAY1} + 0.0696\ HRP_{BAY2})$$

Where:

GPIP = Generating Performance Incentive Points

EAP = Equivalent Availability Points awarded/deducted for Big Bend Unit 1 CC, Polk Unit 2 and Bayside Units 1 and 2.

HRP = Average Net Heat Rate Points awarded/deducted for Big Bend Unit 1 CC, Polk Unit 2 and Bayside Units 1 and 2.

**Q.** Have you prepared a document summarizing the GPIF targets for the January 2026 through December 2026 period?

**A.** Yes. Document No. 2 entitled "Summary of GPIF Targets" provides the availability and heat rate targets for each

unit.

**Q.** Does this conclude your direct testimony?

**A.** Yes, it does.

DOCKET NO. 20250001-EI
GPIF 2026 PROJECTION FILING
EXHIBIT NO. ALP-2
DOCUMENT NO. 1

**EXHIBIT TO THE TESTIMONY**

**OF**

**ADAM L. PARKE**

**DOCUMENT NO. 1**

**GPIF SCHEDULES**

**JANUARY 2026 - DECEMBER 2026**

# TAMPA ELECTRIC COMPANY
# GENERATING PERFORMANCE INCENTIVE FACTOR
# JANUARY 2026 - DECEMBER 2026
# TARGETS
# TABLE OF CONTENTS

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE
JANUARY 2026 - DECEMBER 2026

| GENERATING PERFORMANCE INCENTIVE POINTS (GPIP) | FUEL SAVINGS / (LOSS) ($000) | GENERATING PERFORMANCE INCENTIVE FACTOR ($000) |
|---|---|---|
| +10 | 24,456.7 | 12,228.4 |
| +9 | 22,011.0 | 11,005.5 |
| +8 | 19,565.4 | 9,782.7 |
| +7 | 17,119.7 | 8,559.8 |
| +6 | 14,674.0 | 7,337.0 |
| +5 | 12,228.4 | 6,114.2 |
| +4 | 9,782.7 | 4,891.3 |
| +3 | 7,337.0 | 3,668.5 |
| +2 | 4,891.3 | 2,445.7 |
| +1 | 2,445.7 | 1,222.8 |
| 0 | 0.0 | 0.0 |
| -1 | (3,788.3) | (1,222.8) |
| -2 | (7,576.6) | (2,445.7) |
| -3 | (11,364.9) | (3,668.5) |
| -4 | (15,153.2) | (4,891.3) |
| -5 | (18,941.5) | (6,114.2) |
| -6 | (22,729.8) | (7,337.0) |
| -7 | (26,518.1) | (8,559.8) |
| -8 | (30,306.4) | (9,782.7) |
| -9 | (34,094.7) | (11,005.5) |
| -10 | (37,883.0) | (12,228.4) |

**TAMPA ELECTRIC COMPANY**
**GENERATING PERFORMANCE INCENTIVE FACTOR**
**CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS**
**JANUARY 2026 - DECEMBER 2026**

| | | | | |
|---|---|---|---|---|
| Line 1 | Beginning of period balance of common equity:<br>End of month common equity: | | $ | 5,882,340 |
| Line 2 | Month of January | 2026 | $ | 5,936,501,266 |
| Line 3 | Month of February | 2026 | $ | 5,993,141,045 |
| Line 4 | Month of March | 2026 | $ | 6,047,946,155 |
| Line 5 | Month of April | 2026 | $ | 6,102,751,266 |
| Line 6 | Month of May | 2026 | $ | 6,159,391,045 |
| Line 7 | Month of June | 2026 | $ | 6,214,196,155 |
| Line 8 | Month of July | 2026 | $ | 6,269,001,266 |
| Line 9 | Month of August | 2026 | $ | 6,325,641,045 |
| Line 10 | Month of September | 2026 | $ | 6,380,446,155 |
| Line 11 | Month of October | 2026 | $ | 6,435,251,266 |
| Line 12 | Month of November | 2026 | $ | 6,491,891,045 |
| Line 13 | Month of December | 2026 | $ | 6,546,696,155 |
| Line 14 | (Summation of line 1 through line 13 divided by 13) | | $ | 5,762,210,477 |
| Line 15 | 25 Basis points | | | 0.0025 |
| Line 16 | Revenue Expansion Factor | | | 74.42% |
| Line 17 | Maximum Allowed Incentive Dollars<br>(line 14 times line 15 divided by line 16) | | $ | 19,356,023 |
| Line 18 | Jurisdictional Sales | | | 20,781,051 MWH |
| Line 19 | Total Sales | | | 20,781,051 MWH |
| Line 20 | Jurisdictional Separation Factor<br>(line 18 divided by line 19) | | | 100.00% |
| Line 21 | Maximum Allowed Jurisdictional Incentive Dollars<br>(line 17 times line 20) | | $ | 19,356,023 |
| Line 22 | Incentive Cap (50% of projected fuel savings<br>at 10 GPIF-point level from Sheet No. 3.515) | | $ | 12,228,355 |
| Line 23 | Maximum Allowed GPIF Reward (at 10 GPIF-point level)<br>(the lesser of line 21 and line 22) | | $ | 12,228,355 |

*Note: Line 22 and 23 are as approved by Commission order PSC-13-0665-FOF-EI dated 12/18/13 effective 1/1/14.*

**TAMPA ELECTRIC COMPANY**
**GPIF TARGET AND RANGE SUMMARY**
**JANUARY 2026 - DECEMBER 2026**

**EQUIVALENT AVAILABILITY**

| PLANT / UNIT | WEIGHTING FACTOR (%) | EAF TARGET (%) | EAF RANGE MAX. (%) | EAF RANGE MIN. (%) | MAX. FUEL SAVINGS ($000) | MAX. FUEL LOSS ($000) |
|---|---|---|---|---|---|---|
| BIG BEND CC 1 | 6.08% | 89.0 | 90.0 | 87.0 | 1,487.8 | (2,051.1) |
| POLK 2 | 10.19% | 86.7 | 88.0 | 84.1 | 2,493.0 | (5,510.2) |
| BAYSIDE 1 | 17.02% | 69.6 | 71.3 | 66.0 | 4,162.5 | (7,239.2) |
| BAYSIDE 2 | 8.57% | 90.1 | 91.6 | 87.3 | 2,095.9 | (8,865.0) |
| **GPIF SYSTEM** | **41.87%** | | | | | |

**AVERAGE NET OPERATING HEAT RATE**

| PLANT / UNIT | WEIGHTING FACTOR (%) | ANOHR Btu/kwh | TARGET NOF | ANOHR RANGE MIN. | ANOHR RANGE MAX. | MAX. FUEL SAVINGS ($000) | MAX. FUEL LOSS ($000) |
|---|---|---|---|---|---|---|---|
| BIG BEND CC 1 | 28.10% | 6,403 | 82.8 | 6,155 | 6,652 | 6,873.0 | (6,873.0) |
| POLK 2 | 11.27% | 7,131 | 63.5 | 6,996 | 7,265 | 2,755.9 | (2,755.9) |
| BAYSIDE 1 | 11.80% | 7,242 | 68.4 | 6,943 | 7,542 | 2,886.9 | (2,886.9) |
| BAYSIDE 2 | 6.96% | 7,572 | 48.8 | 7,287 | 7,857 | 1,701.8 | (1,701.8) |
| **GPIF SYSTEM** | **58.13%** | | | | | | |

TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS PRIOR PERIOD ACTUAL PERFORMANCE

EQUIVALENT AVAILABILITY (%)

| PLANT / UNIT | WEIGHTING FACTOR (%) | NORMALIZED WEIGHTING FACTOR | TARGET PERIOD JAN 26 - DEC 26 POF | TARGET PERIOD JAN 26 - DEC 26 EUOF | TARGET PERIOD JAN 26 - DEC 26 EUOR | ACTUAL PERFORMANCE JAN 24 - DEC 24 POF | ACTUAL PERFORMANCE JAN 24 - DEC 24 EUOF | ACTUAL PERFORMANCE JAN 24 - DEC 24 EUOR | ACTUAL PERFORMANCE JAN 23 - DEC 23 POF | ACTUAL PERFORMANCE JAN 23 - DEC 23 EUOF | ACTUAL PERFORMANCE JAN 23 - DEC 23 EUOR | ACTUAL PERFORMANCE JAN 22 - DEC 22 POF | ACTUAL PERFORMANCE JAN 22 - DEC 22 EUOF | ACTUAL PERFORMANCE JAN 22 - DEC 22 EUOR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BIG BEND CC 1 | 6.08% | 14.5% | 7.9 | 3.0 | 4.7 | 6.3 | 4.2 | 4.4 | 10.0 | 17.5 | 19.4 | NA | NA | NA |
| POLK 2 | 10.19% | 24.3% | 9.0 | 4.2 | 4.7 | 6.4 | 2.8 | 3.0 | 5.3 | 3.9 | 4.1 | 4.6 | 4.6 | 4.9 |
| BAYSIDE 1 | 17.02% | 40.7% | 28.8 | 1.7 | 2.4 | 4.5 | 2.4 | 2.5 | 7.8 | 1.3 | 1.4 | 21.7 | 3.5 | 4.5 |
| BAYSIDE 2 | 8.57% | 20.5% | 3.6 | 6.3 | 6.5 | 30.2 | 15.1 | 28.2 | 14.9 | 1.6 | 1.9 | 6.1 | 3.2 | 3.4 |
| **GPIF SYSTEM** | **41.87%** | **100.0%** | **15.8** | **3.4** | **4.1** | **10.5** | **5.3** | **8.2** | **9.0** | **4.3** | **4.8** | **11.2** | **3.2** | **3.7** |
| **GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%)** | | | | **80.8** | | | **84.2** | | | **86.7** | | | **85.6** | |

| 3 PERIOD AVERAGE POF | 3 PERIOD AVERAGE EUOF | 3 PERIOD AVERAGE EUOR | 3 PERIOD AVERAGE EAF |
|---|---|---|---|
| **10.2** | **4.3** | **5.5** | **85.5** |

AVERAGE NET OPERATING HEAT RATE (Btu/kWh)

| PLANT / UNIT | WEIGHTING FACTOR (%) | NORMALIZED WEIGHTING FACTOR | TARGET HEAT RATE JAN 26 - DEC 26 | ADJUSTED ACTUAL PERFORMANCE HEAT RATE JAN 24 - DEC 24 | ADJUSTED ACTUAL PERFORMANCE HEAT RATE JAN 23 - DEC 23 | ADJUSTED ACTUAL PERFORMANCE HEAT RATE JAN 22 - DEC 22 |
|---|---|---|---|---|---|---|
| BIG BEND CC 1 | 28.10% | 48.3% | 6,403 | 6,475 | 6,553 | 6,102 |
| POLK 2 | 11.27% | 19.4% | 7,131 | 7,218 | 7,115 | 7,088 |
| BAYSIDE 1 | 11.80% | 20.3% | 7,242 | 7,145 | 7,258 | 7,342 |
| BAYSIDE 2 | 6.96% | 12.0% | 7,572 | 7,338 | 7,568 | 7,546 |
| **GPIF SYSTEM** | **58.13%** | **100.0%** | | | | |
| **GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kWh)** | | | **6,855** | **6,858** | **6,926** | **6,718** |

**TAMPA ELECTRIC COMPANY**
**DERIVATION OF WEIGHTING FACTORS**
**JANUARY 2026 - DECEMBER 2026**
**PRODUCTION COSTING SIMULATION**
**FUEL COST ($000)**

| UNIT PERFORMANCE INDICATOR | AT TARGET (1) | AT MAXIMUM IMPROVEMENT (2) | SAVINGS (3) | WEIGHTING FACTOR (% OF SAVINGS) |
|---|---|---|---|---|
| **EQUIVALENT AVAILABILITY** | | | | |
| $EA_3$ BIG BEND CC 1 | 734,055.68 | 732,567.93 | 1,487.75 | 6.08% |
| $EA_2$ POLK 2 | 734,055.68 | 731,562.64 | 2,493.04 | 10.19% |
| $EA_3$ BAYSIDE 1 | 734,055.68 | 729,893.20 | 4,162.48 | 17.02% |
| $EA_4$ BAYSIDE 2 | 734,055.68 | 731,959.75 | 2,095.93 | 8.57% |
| **AVERAGE HEAT RATE** | | | | |
| $AHR_3$ BIG BEND CC 1 | 734,055.68 | 727,182.72 | 6,872.95 | 28.10% |
| $AHR_2$ POLK 2 | 734,055.68 | 731,299.81 | 2,755.87 | 11.27% |
| $AHR_3$ BAYSIDE 1 | 734,055.68 | 731,168.78 | 2,886.90 | 11.80% |
| $AHR_4$ BAYSIDE 2 | 734,055.68 | 732,353.88 | 1,701.79 | 6.96% |
| **TOTAL SAVINGS** | | | **24,456.71** | **100.00%** |

**(1) Fuel Adjustment Base Case - All unit performance indicators at target.**
**(2) All other units performance indicators at target.**
**(3) Expressed in replacement energy cost.**

**GPIF TARGET AND RANGE SUMMARY**

**JANUARY 2026 - DECEMBER 2026**

**BIG BEND CC 1**

| EQUIVALENT AVAILABILITY POINTS | FUEL SAVINGS / (LOSS) ($000) | ADJUSTED ACTUAL EQUIVALENT AVAILABILITY | AVERAGE HEAT RATE POINTS | FUEL SAVINGS / (LOSS) ($000) | ADJUSTED ACTUAL AVERAGE HEAT RATE |
|---|---|---|---|---|---|
| +10 | 1,487.8 | 90.0 | +10 | 6,873.0 | 6,155 |
| +9 | 1,339.0 | 89.9 | +9 | 6,185.7 | 6,172 |
| +8 | 1,190.2 | 89.8 | +8 | 5,498.4 | 6,190 |
| +7 | 1,041.4 | 89.7 | +7 | 4,811.1 | 6,207 |
| +6 | 892.7 | 89.6 | +6 | 4,123.8 | 6,224 |
| +5 | 743.9 | 89.5 | +5 | 3,436.5 | 6,242 |
| +4 | 595.1 | 89.4 | +4 | 2,749.2 | 6,259 |
| +3 | 446.3 | 89.3 | +3 | 2,061.9 | 6,276 |
| +2 | 297.6 | 89.2 | +2 | 1,374.6 | 6,294 |
| +1 | 148.8 | 89.1 | +1 | 687.3 | 6,311 |
| | | | | | 6,328 |
| 0 | 0.0 | 89.0 | 0 | 0.0 | 6,403 |
| | | | | | 6,478 |
| -1 | (205.1) | 88.8 | -1 | (687.3) | 6,496 |
| -2 | (410.2) | 88.6 | -2 | (1,374.6) | 6,513 |
| -3 | (615.3) | 88.4 | -3 | (2,061.9) | 6,530 |
| -4 | (820.4) | 88.2 | -4 | (2,749.2) | 6,548 |
| -5 | (1,025.5) | 88.0 | -5 | (3,436.5) | 6,565 |
| -6 | (1,230.7) | 87.8 | -6 | (4,123.8) | 6,582 |
| -7 | (1,435.8) | 87.6 | -7 | (4,811.1) | 6,600 |
| -8 | (1,640.9) | 87.4 | -8 | (5,498.4) | 6,617 |
| -9 | (1,846.0) | 87.2 | -9 | (6,185.7) | 6,635 |
| -10 | (2,051.1) | 87.0 | -10 | (6,873.0) | 6,652 |
| | Weighting Factor = | 6.08% | | Weighting Factor = | 28.10% |

**TAMPA ELECTRIC COMPANY**

**GPIF TARGET AND RANGE SUMMARY**

**JANUARY 2026 - DECEMBER 2026**

**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 | 2,493.0 | 88.0 | +10 | 2,755.9 | 6,996 |
| +9 | 2,243.7 | 87.9 | +9 | 2,480.3 | 7,002 |
| +8 | 1,994.4 | 87.8 | +8 | 2,204.7 | 7,008 |
| +7 | 1,745.1 | 87.6 | +7 | 1,929.1 | 7,014 |
| +6 | 1,495.8 | 87.5 | +6 | 1,653.5 | 7,020 |
| +5 | 1,246.5 | 87.4 | +5 | 1,377.9 | 7,026 |
| +4 | 997.2 | 87.2 | +4 | 1,102.3 | 7,032 |
| +3 | 747.9 | 87.1 | +3 | 826.8 | 7,038 |
| +2 | 498.6 | 87.0 | +2 | 551.2 | 7,044 |
| +1 | 249.3 | 86.8 | +1 | 275.6 | 7,050 |
| | | | | | 7,056 |
| 0 | 0.0 | 86.7 | 0 | 0.0 | 7,131 |
| | | | | | 7,206 |
| -1 | (551.0) | 86.5 | -1 | (275.6) | 7,211 |
| -2 | (1,102.0) | 86.2 | -2 | (551.2) | 7,217 |
| -3 | (1,653.1) | 85.9 | -3 | (826.8) | 7,223 |
| -4 | (2,204.1) | 85.7 | -4 | (1,102.3) | 7,229 |
| -5 | (2,755.1) | 85.4 | -5 | (1,377.9) | 7,235 |
| -6 | (3,306.1) | 85.1 | -6 | (1,653.5) | 7,241 |
| -7 | (3,857.2) | 84.9 | -7 | (1,929.1) | 7,247 |
| -8 | (4,408.2) | 84.6 | -8 | (2,204.7) | 7,253 |
| -9 | (4,959.2) | 84.4 | -9 | (2,480.3) | 7,259 |
| -10 | (5,510.2) | 84.1 | -10 | (2,755.9) | 7,265 |
| | Weighting Factor = | 10.19% | | Weighting Factor = | 11.27% |

**TAMPA ELECTRIC COMPANY**

**GPIF TARGET AND RANGE SUMMARY**

**JANUARY 2026 - DECEMBER 2026**

**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 | 4,162.5 | 71.3 | +10 | 2,886.9 | 6,943 |
| +9 | 3,746.2 | 71.2 | +9 | 2,598.2 | 6,965 |
| +8 | 3,330.0 | 71.0 | +8 | 2,309.5 | 6,988 |
| +7 | 2,913.7 | 70.8 | +7 | 2,020.8 | 7,010 |
| +6 | 2,497.5 | 70.6 | +6 | 1,732.1 | 7,033 |
| +5 | 2,081.2 | 70.4 | +5 | 1,443.4 | 7,055 |
| +4 | 1,665.0 | 70.3 | +4 | 1,154.8 | 7,078 |
| +3 | 1,248.7 | 70.1 | +3 | 866.1 | 7,100 |
| +2 | 832.5 | 69.9 | +2 | 577.4 | 7,123 |
| +1 | 416.2 | 69.7 | +1 | 288.7 | 7,145 |
| | | | | | 7,167 |
| 0 | 0.0 | 69.6 | 0 | 0.0 | 7,242 |
| | | | | | 7,317 |
| -1 | (723.9) | 69.2 | -1 | (288.7) | 7,340 |
| -2 | (1,447.8) | 68.8 | -2 | (577.4) | 7,362 |
| -3 | (2,171.7) | 68.5 | -3 | (866.1) | 7,385 |
| -4 | (2,895.7) | 68.1 | -4 | (1,154.8) | 7,407 |
| -5 | (3,619.6) | 67.8 | -5 | (1,443.4) | 7,430 |
| -6 | (4,343.5) | 67.4 | -6 | (1,732.1) | 7,452 |
| -7 | (5,067.4) | 67.1 | -7 | (2,020.8) | 7,475 |
| -8 | (5,791.3) | 66.7 | -8 | (2,309.5) | 7,497 |
| -9 | (6,515.2) | 66.4 | -9 | (2,598.2) | 7,520 |
| -10 | (7,239.2) | 66.0 | -10 | (2,886.9) | 7,542 |
| | Weighting Factor = | 17.02% | | Weighting Factor = | 11.80% |

**TAMPA ELECTRIC COMPANY**

**GPIF TARGET AND RANGE SUMMARY**

**JANUARY 2026 - DECEMBER 2026**

**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 | 2,095.9 | 91.6 | +10 | 1,701.8 | 7,287 |
| +9 | 1,886.3 | 91.4 | +9 | 1,531.6 | 7,308 |
| +8 | 1,676.7 | 91.3 | +8 | 1,361.4 | 7,329 |
| +7 | 1,467.2 | 91.1 | +7 | 1,191.3 | 7,350 |
| +6 | 1,257.6 | 91.0 | +6 | 1,021.1 | 7,371 |
| +5 | 1,048.0 | 90.9 | +5 | 850.9 | 7,392 |
| +4 | 838.4 | 90.7 | +4 | 680.7 | 7,413 |
| +3 | 628.8 | 90.6 | +3 | 510.5 | 7,434 |
| +2 | 419.2 | 90.4 | +2 | 340.4 | 7,455 |
| +1 | 209.6 | 90.3 | +1 | 170.2 | 7,476 |
| | | | | | 7,497 |
| 0 | 0.0 | 90.1 | 0 | 0.0 | 7,572 |
| | | | | | 7,647 |
| -1 | (886.5) | 89.8 | -1 | (170.2) | 7,668 |
| -2 | (1,773.0) | 89.6 | -2 | (340.4) | 7,689 |
| -3 | (2,659.5) | 89.3 | -3 | (510.5) | 7,710 |
| -4 | (3,546.0) | 89.0 | -4 | (680.7) | 7,731 |
| -5 | (4,432.5) | 88.7 | -5 | (850.9) | 7,752 |
| -6 | (5,319.0) | 88.4 | -6 | (1,021.1) | 7,773 |
| -7 | (6,205.5) | 88.1 | -7 | (1,191.3) | 7,794 |
| -8 | (7,092.0) | 87.8 | -8 | (1,361.4) | 7,815 |
| -9 | (7,978.5) | 87.5 | -9 | (1,531.6) | 7,836 |
| -10 | (8,865.0) | 87.3 | -10 | (1,701.8) | 7,857 |
| | Weighting Factor = | 8.57% | | Weighting Factor = | 6.96% |

TAMPA ELECTRIC COMPANY

ESTIMATED UNIT PERFORMANCE DATA

JANUARY 2026 - DECEMBER 2026

| 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 CC 1 | Jan-26 | Feb-26 | Mar-26 | Apr-26 | May-26 | Jun-26 | Jul-26 | Aug-26 | Sep-26 | Oct-26 | Nov-26 | Dec-26 | 2026 |
| 1. EAF (%) | 96.7 | 96.7 | 74.9 | 48.4 | 93.6 | 96.7 | 96.7 | 96.7 | 96.7 | 81.1 | 93.5 | 96.7 | 89.0 |
| 2. POF | 0.0 | 0.0 | 22.6 | 50.0 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 16.1 | 3.3 | 0.0 | 7.9 |
| 3. EUOF | 3.3 | 3.3 | 2.5 | 1.6 | 3.2 | 3.3 | 3.3 | 3.3 | 3.3 | 2.7 | 3.2 | 3.3 | 3.0 |
| 4. EUOR | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| 5. PH | 744 | 672 | 744 | 720 | 744 | 720 | 744 | 744 | 720 | 744 | 720 | 744 | 8,760 |
| 6. SH | 744 | 601 | 744 | 520 | 744 | 720 | 744 | 744 | 553 | 648 | 720 | 582 | 7,713 |
| 7. RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8. UH | 0 | 71 | 0 | 200 | 0 | 0 | 0 | 0 | 167 | 96 | 0 | 162 | 1,047 |
| 9. POH | 0 | 0 | 168 | 360 | 24 | 0 | 0 | 0 | 0 | 120 | 24 | 0 | 696 |
| 10. EFOH | 13 | 12 | 10 | 6 | 13 | 13 | 13 | 13 | 13 | 11 | 12 | 13 | 140 |
| 11. EMOH | 11 | 10 | 9 | 6 | 11 | 11 | 11 | 11 | 11 | 10 | 11 | 11 | 124 |
| 12. OPER BTU (GBTU) | 4,395 | 3,304 | 4,220 | 1,391 | 3,975 | 4,139 | 4,566 | 4,527 | 3,192 | 3,225 | 3,892 | 3,298 | 44,012 |
| 13. NET GEN (MWH) | 685,795 | 510,645 | 654,884 | 203,163 | 616,805 | 649,004 | 723,336 | 716,194 | 500,774 | 496,033 | 604,879 | 511,656 | 6,873,167 |
| 14. ANOHR (Btu/kwh) | 6,408 | 6,470 | 6,444 | 6,846 | 6,444 | 6,378 | 6,313 | 6,321 | 6,374 | 6,502 | 6,434 | 6,445 | 6,403 |
| 15. NOF (%) | 82.3 | 75.9 | 78.6 | 37.0 | 78.6 | 85.4 | 92.2 | 91.2 | 85.8 | 72.6 | 79.6 | 78.5 | 82.8 |
| 16. NPC (MW) | 1,120 | 1,120 | 1,120 | 1,055 | 1,055 | 1,055 | 1,055 | 1,055 | 1,055 | 1,055 | 1,055 | 1,120 | 1,077 |
| 17. ANOHR EQUATION | ANOHR = NOF( | | -9.677 | ) + | | 7,204 | | | | | | | |

TAMPA ELECTRIC COMPANY

ESTIMATED UNIT PERFORMANCE DATA

JANUARY 2026 - DECEMBER 2026

| 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-26 | Feb-26 | Mar-26 | Apr-26 | May-26 | Jun-26 | Jul-26 | Aug-26 | Sep-26 | Oct-26 | Nov-26 | Dec-26 | 2026 |
| 1. EAF (%) | 89.2 | 88.5 | 95.3 | 95.3 | 95.3 | 82.6 | 83.0 | 95.3 | 85.8 | 83.0 | 50.8 | 95.3 | 86.7 |
| 2. POF | 6.5 | 7.1 | 0.0 | 0.0 | 0.0 | 13.3 | 12.9 | 0.0 | 10.0 | 12.9 | 46.7 | 0.0 | 9.0 |
| 3. EUOF | 4.4 | 4.3 | 4.7 | 4.7 | 4.7 | 4.0 | 4.1 | 4.7 | 4.2 | 4.1 | 2.5 | 4.7 | 4.2 |
| 4. EUOR | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 5. PH | 744 | 672 | 744 | 720 | 744 | 720 | 744 | 744 | 720 | 744 | 720 | 744 | 8,760 |
| 6. SH | 744 | 212 | 706 | 720 | 700 | 705 | 326 | 744 | 669 | 562 | 339 | 744 | 7,004 |
| 7. RSH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8. UH | 0 | 460 | 38 | 0 | 44 | 15 | 418 | 0 | 51 | 182 | 381 | 0 | 1,756 |
| 9. POH | 48 | 48 | 0 | 0 | 0 | 96 | 96 | 0 | 72 | 96 | 336 | 0 | 792 |
| 10. EFOH | 12 | 10 | 12 | 12 | 12 | 10 | 11 | 12 | 11 | 11 | 6 | 12 | 132 |
| 11. EMOH | 21 | 19 | 22 | 22 | 22 | 19 | 20 | 22 | 20 | 20 | 12 | 22 | 240 |
| 12. OPER BTU (GBTU) | 3,541 | 1,105 | 3,155 | 4,136 | 3,479 | 2,891 | 1,254 | 4,351 | 3,516 | 2,577 | 1,518 | 3,876 | 35,401 |
| 13. NET GEN (MWH) | 493,699 | 154,745 | 438,724 | 585,978 | 488,862 | 402,690 | 174,222 | 617,190 | 495,609 | 360,693 | 211,271 | 541,019 | 4,964,703 |
| 14. ANOHR (Btu/kwh) | 7,173 | 7,143 | 7,192 | 7,058 | 7,116 | 7,180 | 7,199 | 7,050 | 7,095 | 7,145 | 7,183 | 7,164 | 7,131 |
| 15. NOF (%) | 55.6 | 61.1 | 52.0 | 77.1 | 66.2 | 54.1 | 50.7 | 78.6 | 70.2 | 60.8 | 53.6 | 57.1 | 63.5 |
| 16. NPC (MW) | 1,194 | 1,194 | 1,194 | 1,055 | 1,055 | 1,055 | 1,055 | 1,055 | 1,055 | 1,055 | 1,163 | 1,273 | 1,117 |
| 17. ANOHR EQUATION | ANOHR = NOF( | -5.342 | ) + | 7,470 | | | | | | | | | |

TAMPA ELECTRIC COMPANY

ESTIMATED UNIT PERFORMANCE DATA

JANUARY 2026 - DECEMBER 2026

| 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-26 | Feb-26 | Mar-26 | Apr-26 | May-26 | Jun-26 | Jul-26 | Aug-26 | Sep-26 | Oct-26 | Nov-26 | Dec-26 | 2026 |
| 1. EAF (%) | 97.6 | 0.0 | 0.0 | 0.0 | 63.0 | 97.6 | 97.6 | 97.6 | 97.6 | 85.0 | 94.4 | 97.6 | 69.6 |
| 2. POF | 0.0 | 100.0 | 100.0 | 100.0 | 35.5 | 0.0 | 0.0 | 0.0 | 0.0 | 12.9 | 3.3 | 0.0 | 28.8 |
| 3. EUOF | 2.4 | 0.0 | 0.0 | 0.0 | 1.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.1 | 2.3 | 2.4 | 1.7 |
| 4. EUOR | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 5. PH | 744 | 672 | 744 | 720 | 744 | 720 | 744 | 744 | 720 | 744 | 720 | 744 | 8,760 |
| 6. SH | 0 | 0 | 0 | 0 | 323 | 720 | 744 | 685 | 543 | 744 | 602 | 245 | 4,606 |
| 7. RSH | 726 | 0 | 0 | 0 | 146 | 0 | 0 | 59 | 177 | 0 | 78 | 481 | 1650 |
| 8. UH | 18 | 672 | 744 | 720 | 275 | 0 | 18 | 0 | 0 | 0 | 40 | 18 | 2,504 |
| 9. POH | 0 | 672 | 744 | 720 | 264 | 0 | 0 | 0 | 0 | 96 | 24 | 0 | 2,520 |
| 10. EFOH | 7 | 0 | 0 | 0 | 4 | 6 | 7 | 7 | 6 | 6 | 6 | 7 | 55 |
| 11. EMOH | 11 | 0 | 0 | 0 | 7 | 11 | 11 | 11 | 11 | 10 | 10 | 11 | 92 |
| 12. OPER BTU (GBTU) | 0 | 0 | 0 | 0 | 1,195 | 2,598 | 3,435 | 2,370 | 2,490 | 2,672 | 2,235 | 876 | 17,965 |
| 13. NET GEN (MWH) | 0 | 0 | 0 | 0 | 164,756 | 357,444 | 486,385 | 324,774 | 352,221 | 367,477 | 308,404 | 119,039 | 2,480,500 |
| 14. ANOHR (Btu/kwh) | 0 | 0 | 0 | 0 | 7,250 | 7,268 | 7,063 | 7,297 | 7,069 | 7,272 | 7,247 | 7,356 | 7,242 |
| 15. NOF (%) | 0.0 | 0.0 | 0.0 | 0.0 | 67.6 | 65.8 | 86.6 | 62.8 | 85.9 | 65.4 | 67.9 | 56.9 | 68.4 |
| 16. NPC (MW) | 854 | 854 | 854 | 755 | 755 | 755 | 755 | 755 | 755 | 755 | 755 | 854 | 788 |
| 17. ANOHR EQUATION | ANOHR = NOF( | | -9.872 | ) + | 7,917 | | | | | | | | |

TAMPA ELECTRIC COMPANY

ESTIMATED UNIT PERFORMANCE DATA

JANUARY 2026 - DECEMBER 2026

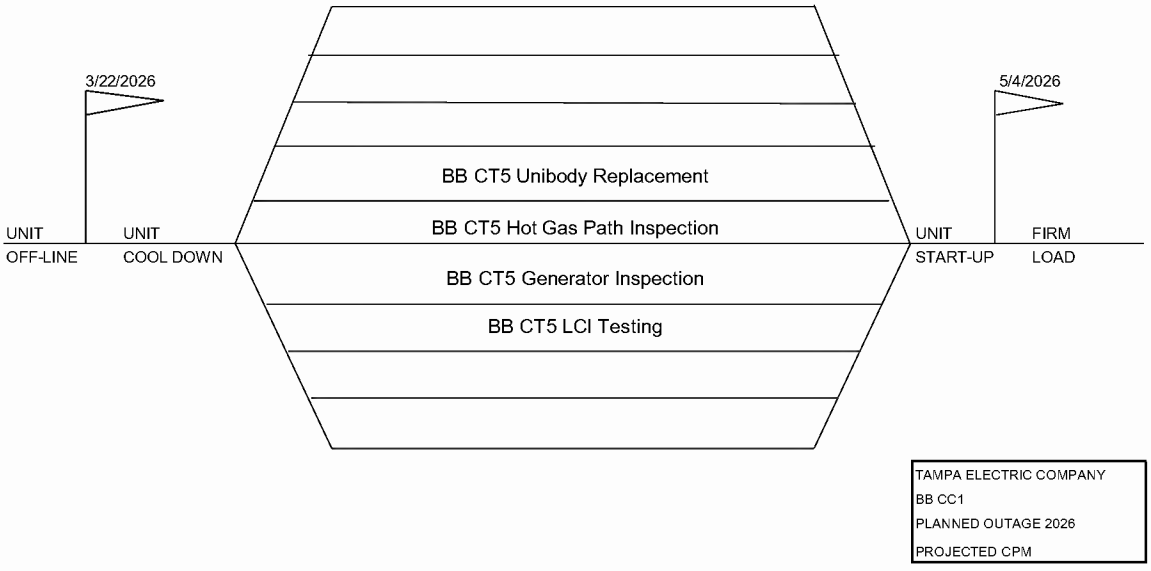
| PLANT/UNIT | MONTH OF: | MONTH OF: | MONTH OF: | MONTH OF: | MONTH OF: | MONTH OF: | MONTH OF: | MONTH OF: | MONTH OF: | MONTH OF: | MONTH OF: | MONTH OF: | PERIOD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BAYSIDE 2 | Jan-26 | Feb-26 | Mar-26 | Apr-26 | May-26 | Jun-26 | Jul-26 | Aug-26 | Sep-26 | Oct-26 | Nov-26 | Dec-26 | 2026 |
| 1. EAF (%) | 93.5 | 90.1 | 81.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 81.0 | 81.4 | 90.1 |
| 2. POF | 0.0 | 3.6 | 12.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.3 | 12.9 | 3.6 |
| 3. EUOF | 6.5 | 6.3 | 5.7 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 5.7 | 5.7 | 6.3 |
| 4. EUOR | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| 5. PH | 744 | 672 | 744 | 720 | 744 | 720 | 744 | 744 | 720 | 744 | 720 | 744 | 8,760 |
| 6. SH | 71 | 571 | 335 | 720 | 633 | 623 | 732 | 602 | 660 | 691 | 447 | 137 | 6,222 |
| 7. RSH | 624 | 35 | 271 | 0 | 62 | 50 | 0 | 93 | 13 | 4 | 136 | 469 | 1674 |
| 8. UH | 49 | 66 | 138 | 47 | 49 | 47 | 49 | 49 | 47 | 49 | 137 | 138 | 864 |
| 9. POH | 0 | 24 | 96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 96 | 312 |
| 10. EFOH | 8 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 92 |
| 11. EMOH | 41 | 35 | 35 | 39 | 41 | 39 | 41 | 41 | 39 | 41 | 34 | 35 | 460 |
| 12. OPER BTU (GBTU) | 295 | 2,617 | 1,077 | 3,055 | 2,225 | 2,216 | 3,215 | 1,918 | 2,902 | 2,564 | 1,363 | 378 | 23,929 |
| 13. NET GEN (MWH) | 38,918 | 349,400 | 138,925 | 410,219 | 292,353 | 291,625 | 433,593 | 249,719 | 391,428 | 338,839 | 176,779 | 48,194 | 3,159,993 |
| 14. ANOHR (Btu/kwh) | 7,576 | 7,491 | 7,753 | 7,448 | 7,610 | 7,600 | 7,414 | 7,680 | 7,413 | 7,567 | 7,709 | 7,836 | 7,572 |
| 15. NOF (%) | 48.6 | 54.2 | 36.7 | 57.1 | 46.3 | 46.9 | 59.4 | 41.6 | 59.4 | 49.1 | 39.6 | 31.2 | 48.8 |
| 16. NPC (MW) | 1,129 | 1,129 | 1,129 | 998 | 998 | 998 | 998 | 998 | 998 | 998 | 998 | 1,129 | 1,041 |
| 17. ANOHR EQUATION | ANOHR = NOF( | | -14.979 | ) + | | 8,303 | | | | | | | |

**TAMPA ELECTRIC COMPANY**
**ESTIMATED PLANNED OUTAGE SCHEDULE**
**GPIF UNITS**
**JANUARY 2026 - DECEMBER 2026**

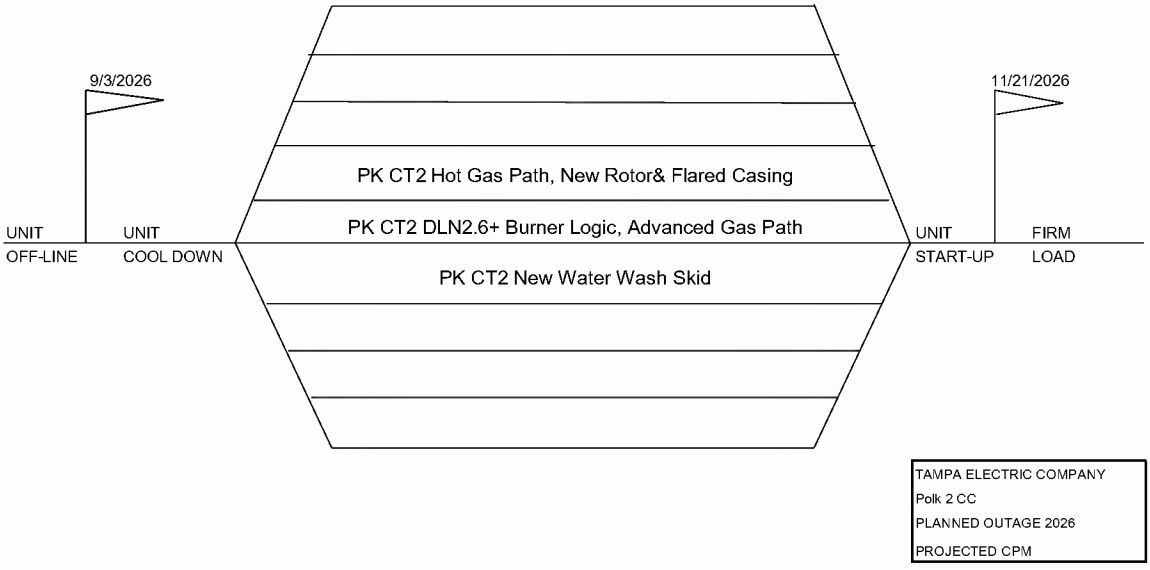
| PLANT / UNIT | PLANNED OUTAGE DATES | OUTAGE DESCRIPTION |
|---|---|---|
| + BB CC1 | Mar 22 - May 04 | BB CT5 Outage |
| + Polk 2 CC | Sep 03 - Nov 21 | PK CT2 Outage |
| | May 31 - Aug 03 | PK CT5 Outage |
| + BAYSIDE 1 | Feb 01 - May 11 | ST1 Major Outage and Refurbishment |

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

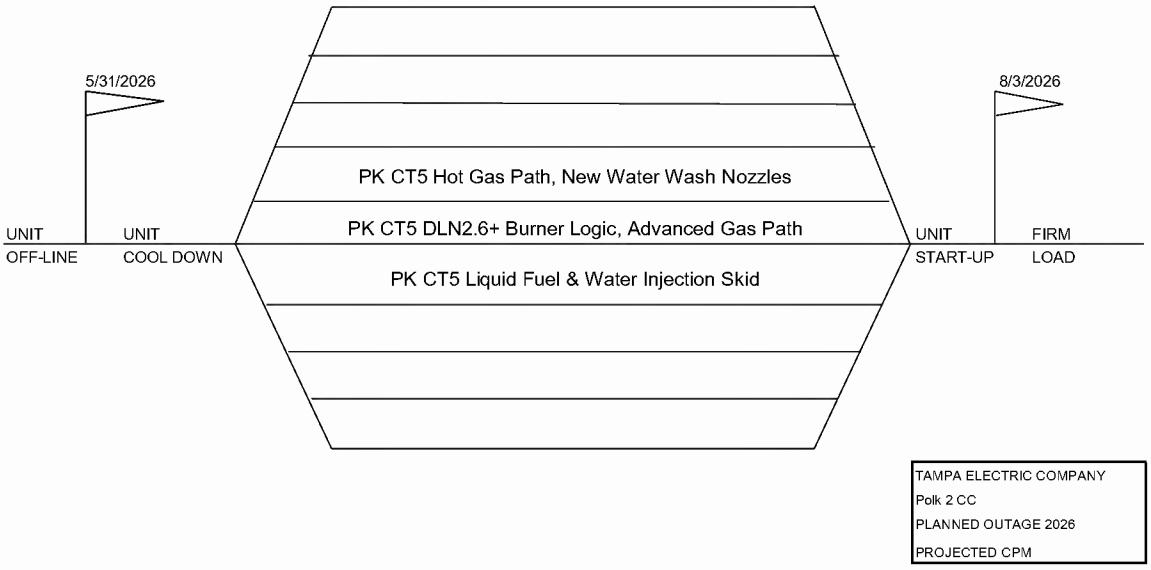
**TAMPA ELECTRIC COMPANY**
**CRITICAL PATH METHOD DIAGRAMS**
**GPIF UNITS > FOUR WEEKS**
**JANUARY 2026 - DECEMBER 2026**



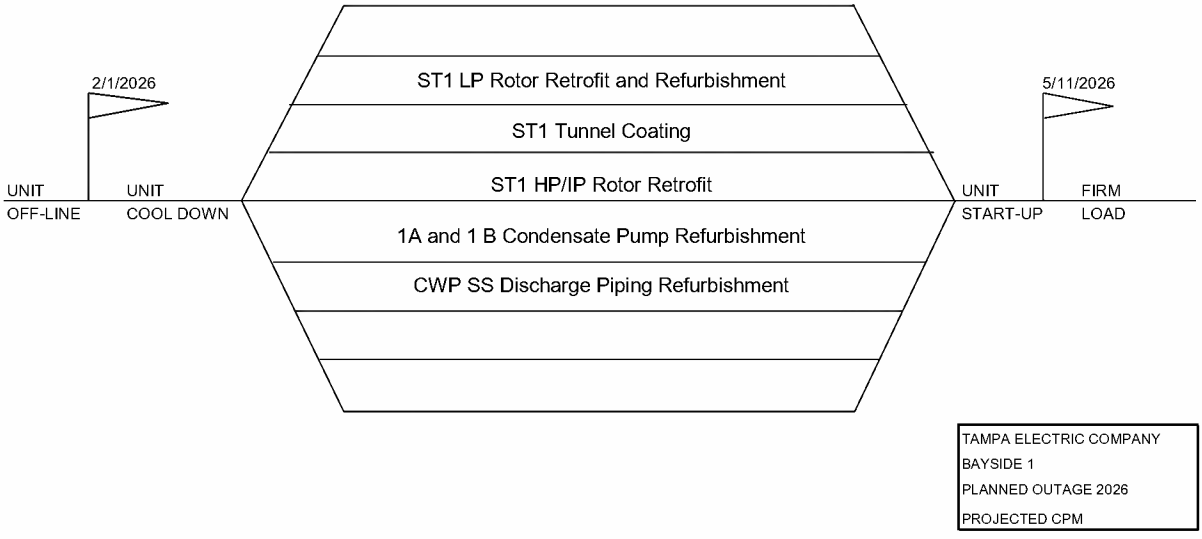
**TAMPA ELECTRIC COMPANY**
**CRITICAL PATH METHOD DIAGRAMS**
**GPIF UNITS > FOUR WEEKS**
**JANUARY 2026 - DECEMBER 2026**

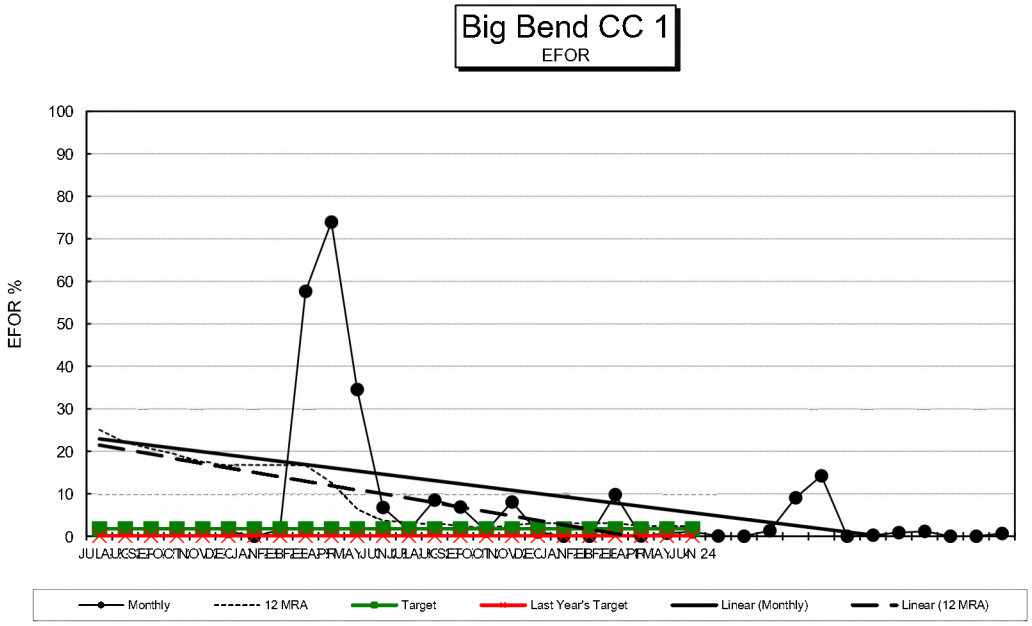


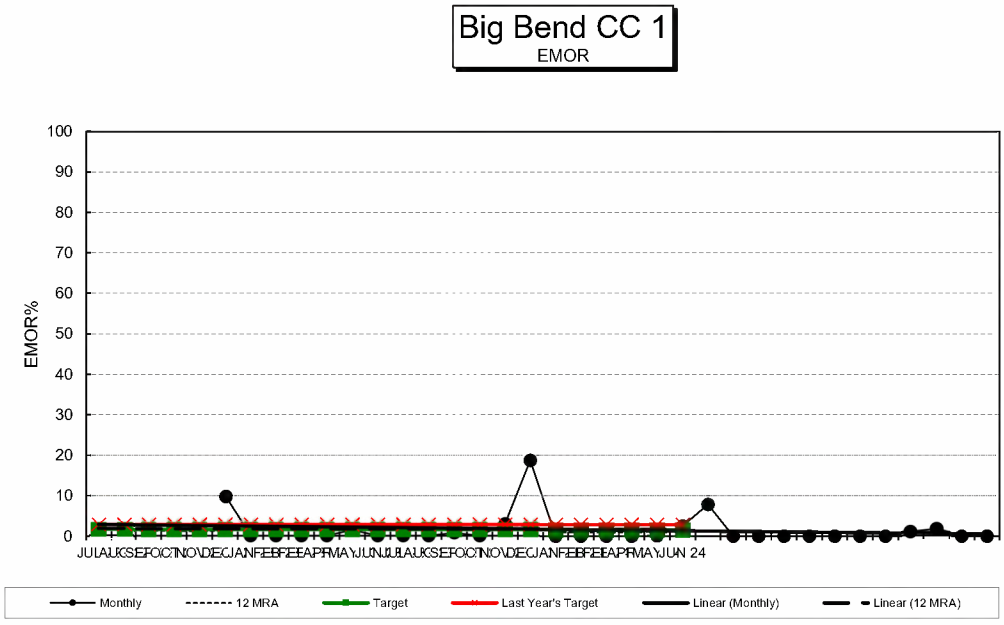
**TAMPA ELECTRIC COMPANY**
**CRITICAL PATH METHOD DIAGRAMS**
**GPIF UNITS > FOUR WEEKS**
**JANUARY 2026 - DECEMBER 2026**

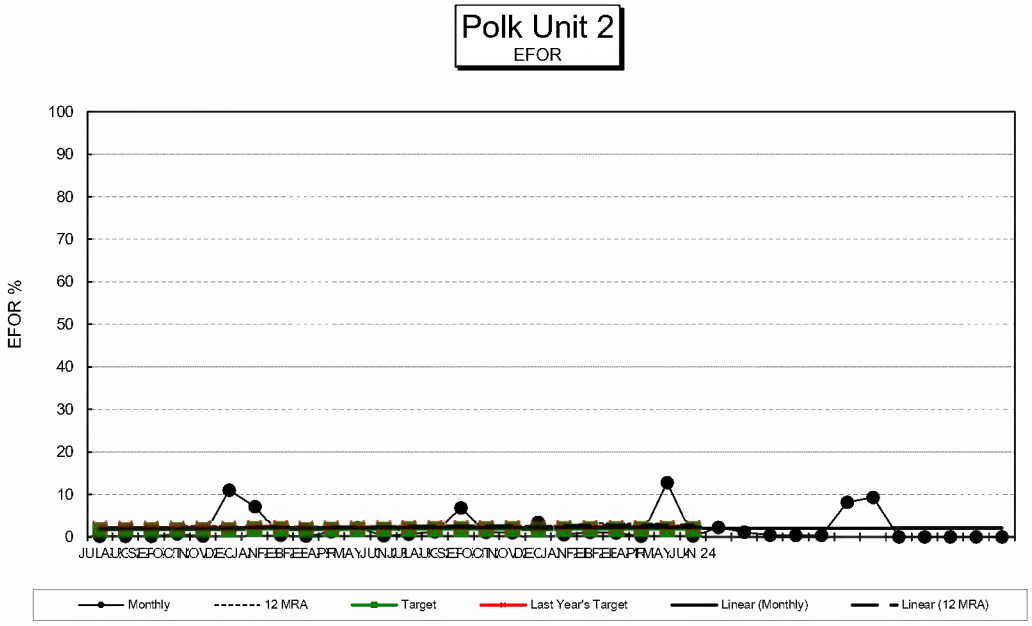


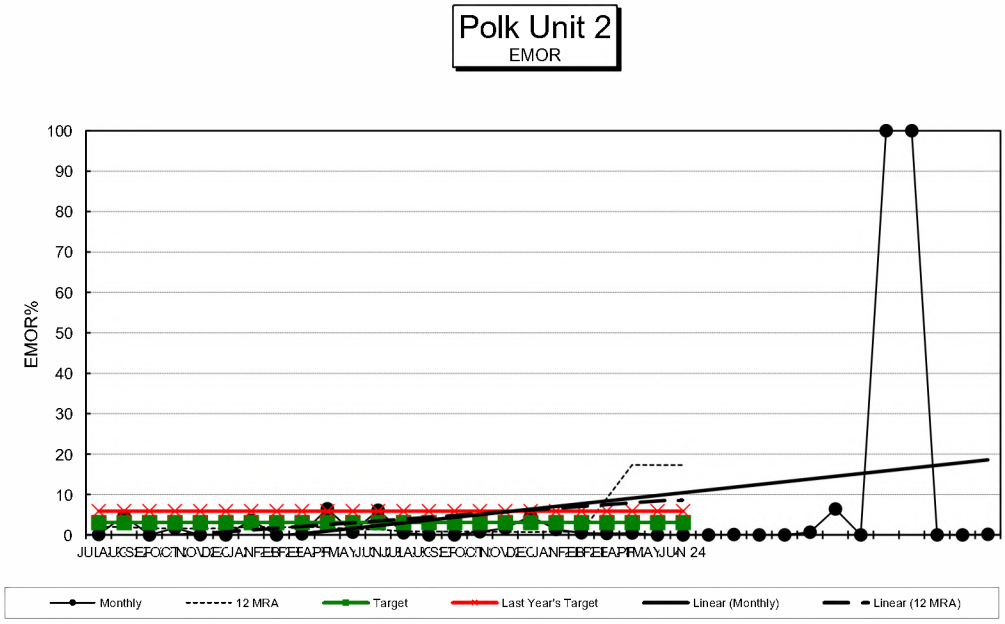
**TAMPA ELECTRIC COMPANY**
**CRITICAL PATH METHOD DIAGRAMS**
**GPIF UNITS > FOUR WEEKS**
**JANUARY 2026 - DECEMBER 2026**

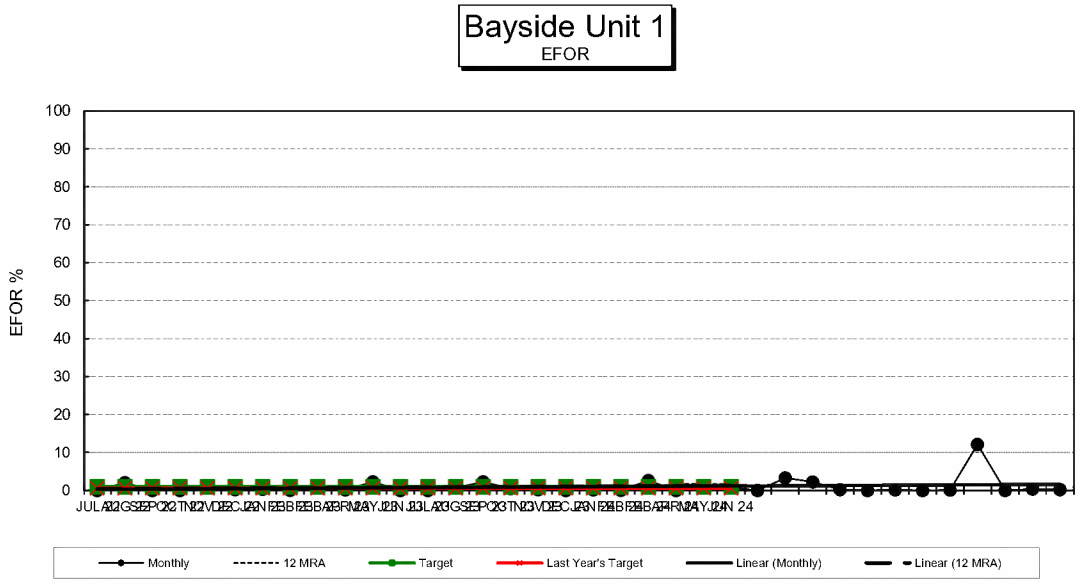


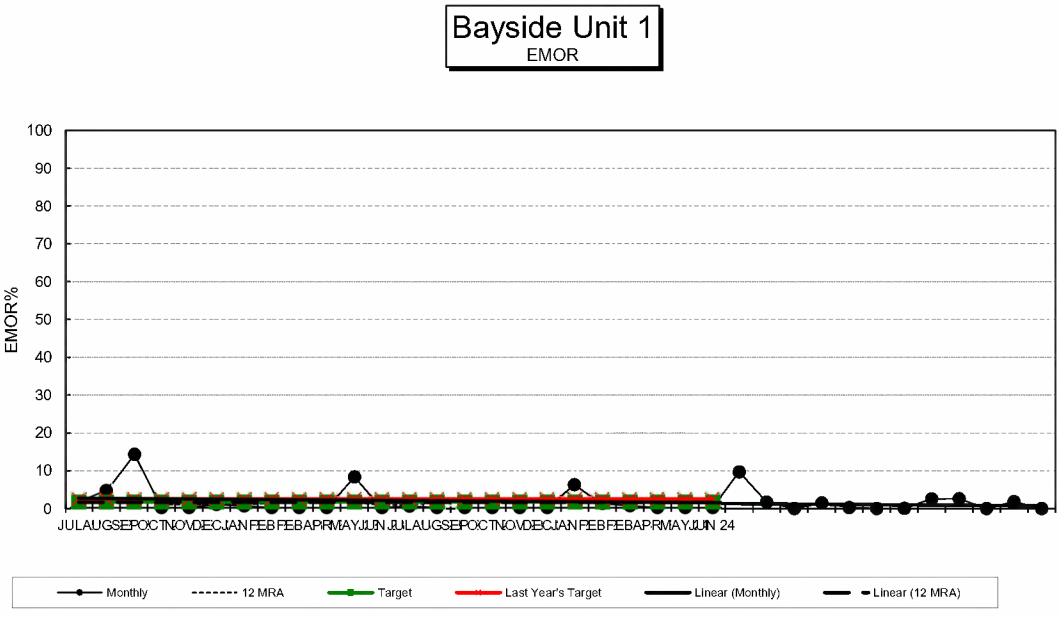

Big Bend CC 1
EFOR
EFOR %
100
90
80
70
60
50
40
30
20
10
0
JULAUGSEPOCTNOVDECJANFEBMARAPRMAYJUNJULAUGSEPOCTNOVDECJANFEBMARAPRMAYJUN 24
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

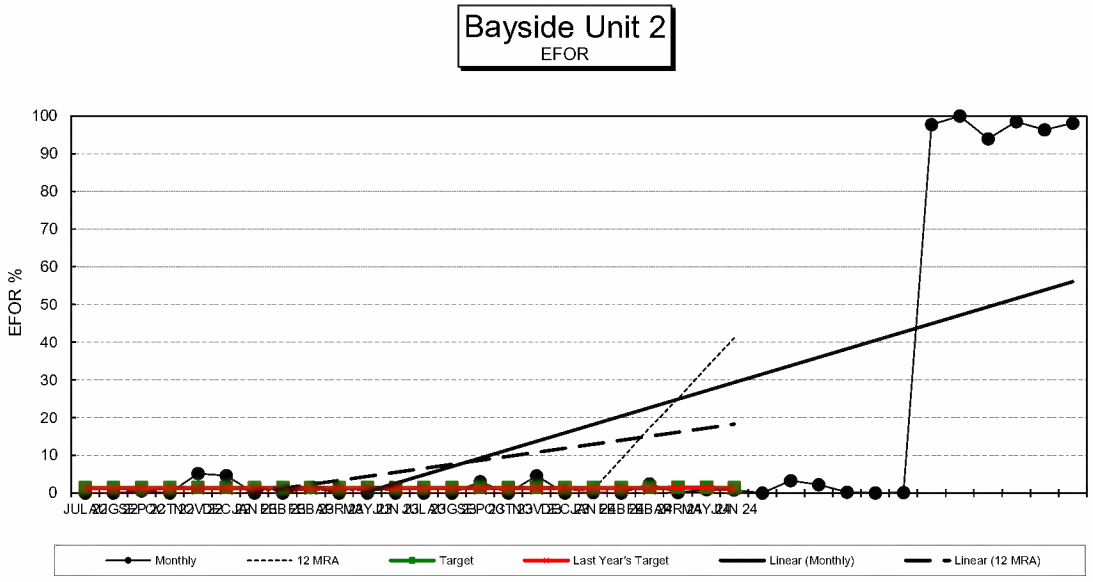

Big Bend CC 1
EMOR
EMOR%
100
90
80
70
60
50
40
30
20
10
0
JULAUGSEPOCTNOVDECJANFEBMARAPRMAYJUNJULAUGSEPOCTNOVDECJANFEBMARAPRMAYJUN 24
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

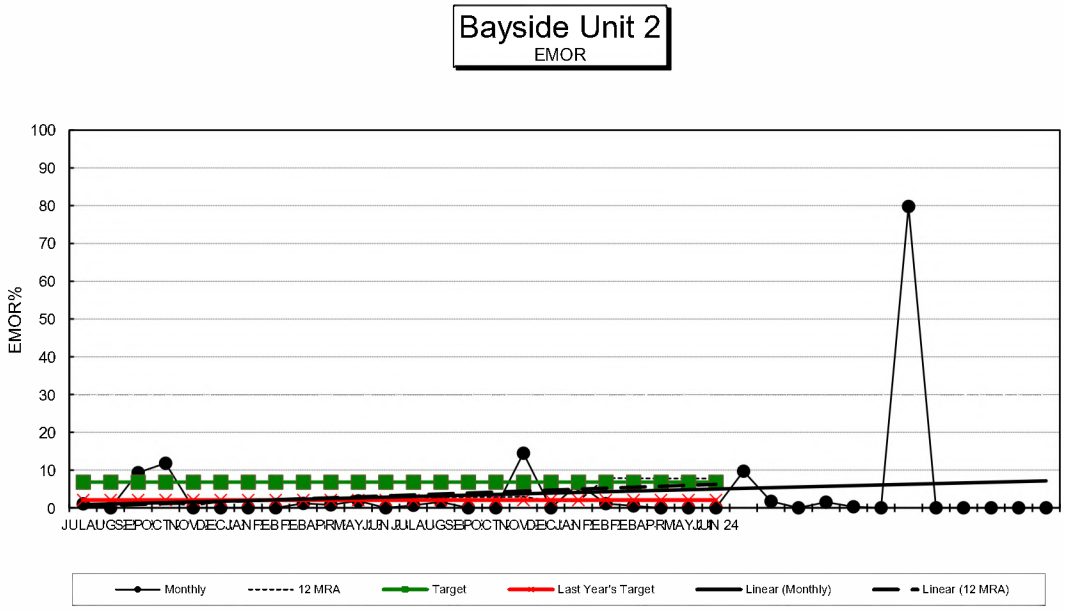

Polk Unit 2
EFOR
EFOR %
100
90
80
70
60
50
40
30
20
10
0
JULAUGSEPOCTNOVDECJANFEBMARAPRMAYJUNJULAUGSEPOCTNOVDECJANFEBMARAPRMAYJUN 24
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

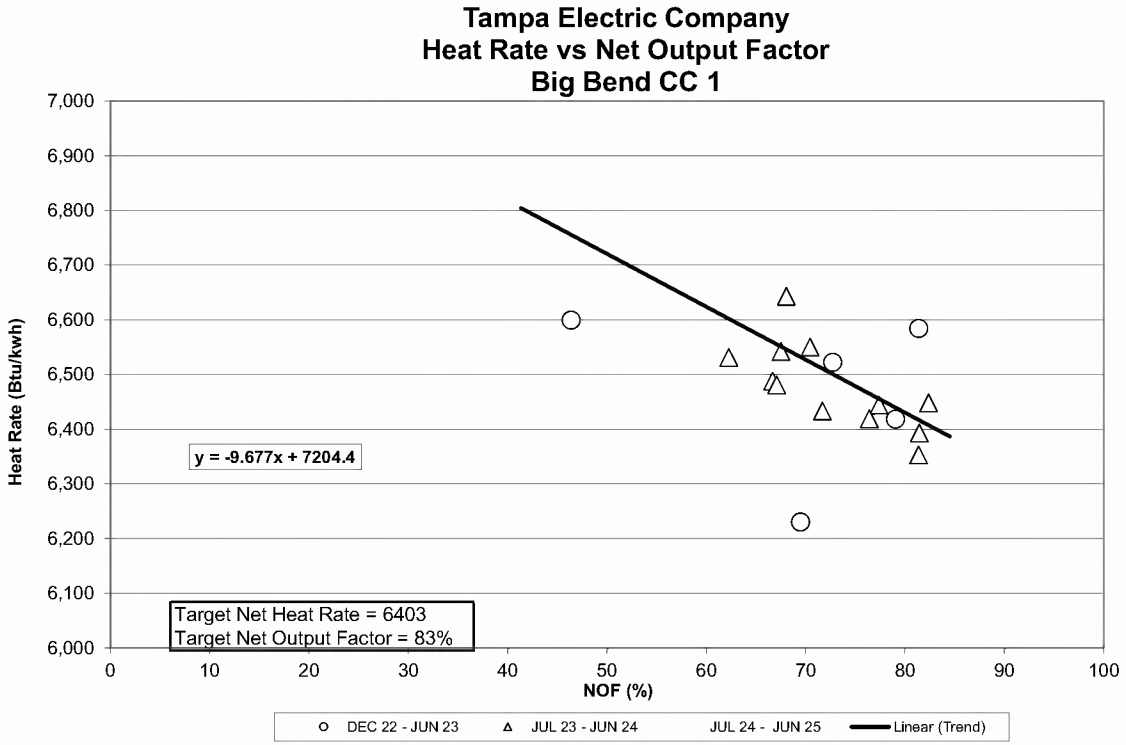

Polk Unit 2
EMOR
EMOR%
100
90
80
70
60
50
40
30
20
10
0
JULAUGSEPOCTNOVDECJANFEBMARAPRMAYJUNJULAUGSEPOCTNOVDECJANFEBMARAPRMAYJUN 24
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

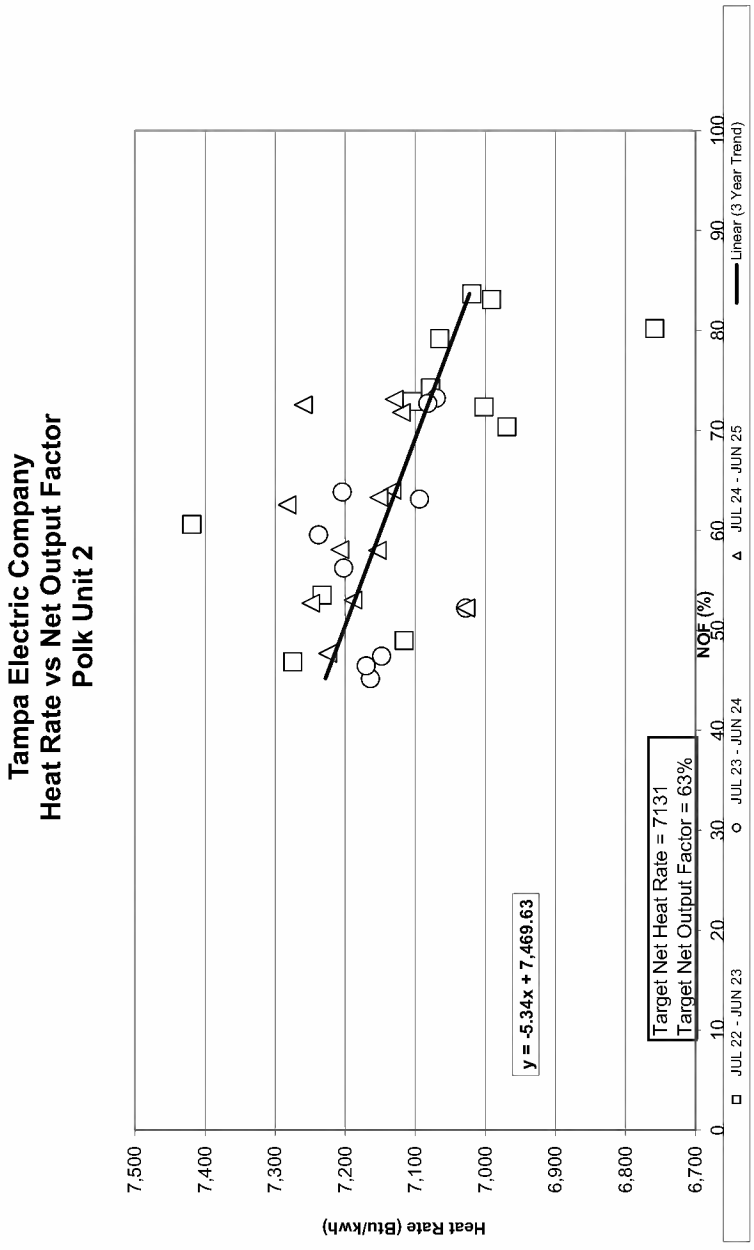

Bayside Unit 1
EFOR
EFOR %
100
90
80
70
60
50
40
30
20
10
0
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

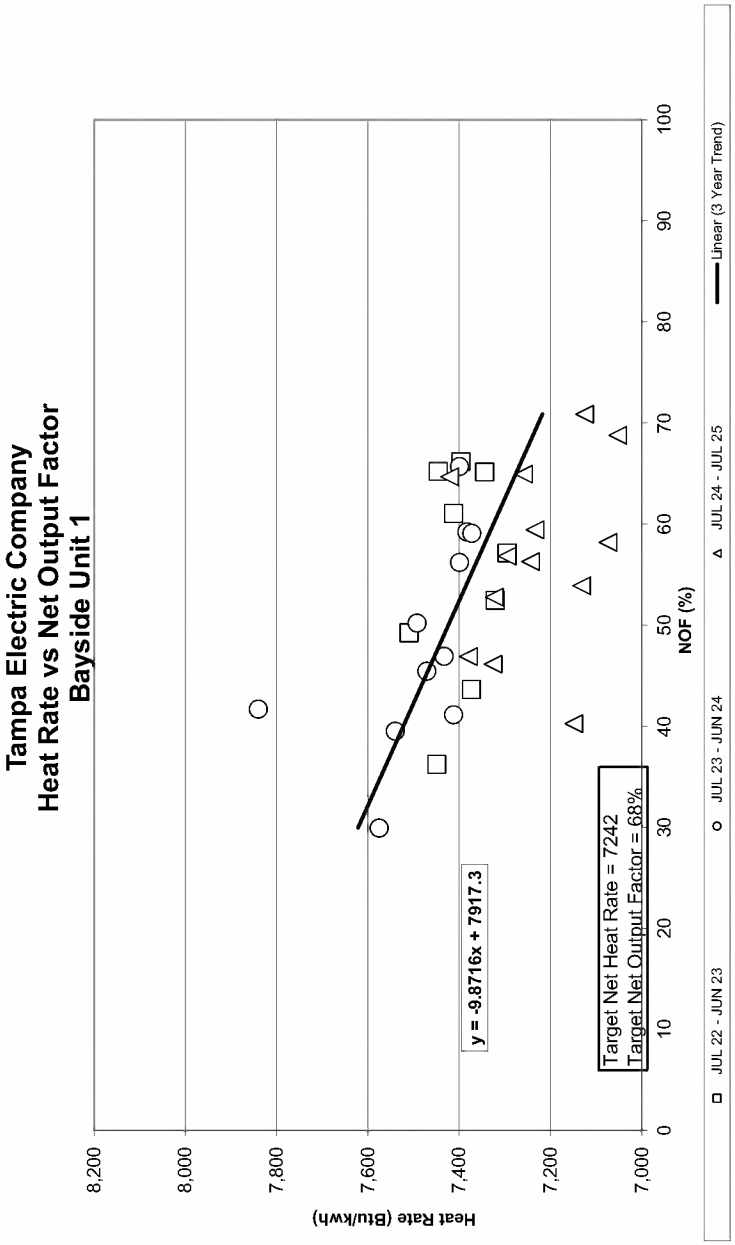

Bayside Unit 1
EMOR
EMOR%
100
90
80
70
60
50
40
30
20
10
0
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

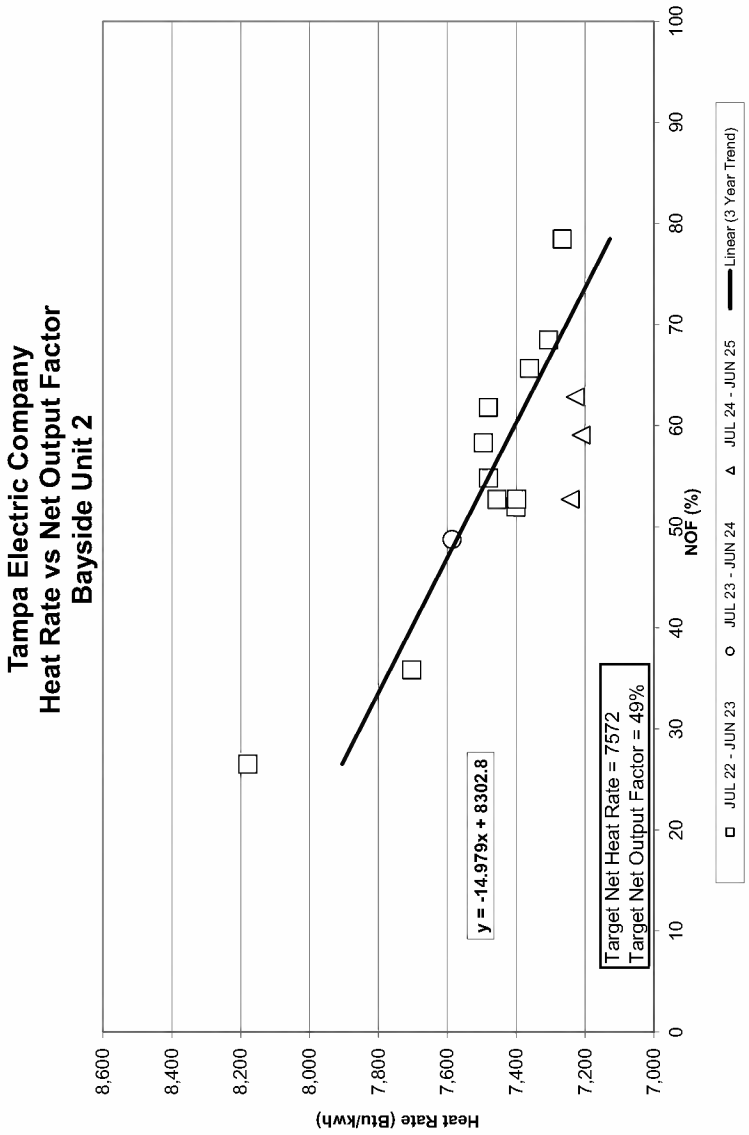

Bayside Unit 2
EFOR
EFOR %
100
90
80
70
60
50
40
30
20
10
0
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)


Bayside Unit 2
EMOR
EMOR%
100
90
80
70
60
50
40
30
20
10
0
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)


Tampa Electric Company
Heat Rate vs Net Output Factor
Big Bend CC 1
Heat Rate (Btu/kwh)
7,000
6,900
6,800
6,700
6,600
6,500
6,400
6,300
6,200
6,100
6,000
y = -9.677x + 7204.4
Target Net Heat Rate = 6403
Target Net Output Factor = 83%
0
10
20
30
40
50
60
70
80
90
100
NOF (%)
DEC 22 - JUN 23
JUL 23 - JUN 24
JUL 24 - JUN 25
Linear (Trend)


Tampa Electric Company
Heat Rate vs Net Output Factor
Polk Unit 2
Heat Rate (Btu/kwh)
7,500
7,400
7,300
7,200
7,100
7,000
6,900
6,800
6,700
NOF (%)
0
10
20
30
40
50
60
70
80
90
100
y = -5.34x + 7,469.63
Target Net Heat Rate = 7131
Target Net Output Factor = 63%
JUL 22 - JUN 23
JUL 23 - JUN 24
JUL 24 - JUN 25
Linear (3 Year Trend)


Tampa Electric Company
Heat Rate vs Net Output Factor
Bayside Unit 1
Heat Rate (Btu/kwh)
8,200
8,000
7,800
7,600
7,400
7,200
7,000
0
10
20
30
40
50
60
70
80
90
100
NOF (%)
y = -9.8716x + 7917.3
Target Net Heat Rate = 7242
Target Net Output Factor = 68%
JUL 22 - JUN 23
JUL 23 - JUN 24
JUL 24 - JUL 25
Linear (3 Year Trend)


Tampa Electric Company
Heat Rate vs Net Output Factor
Bayside Unit 2
Heat Rate (Btu/kwh)
8,600
8,400
8,200
8,000
7,800
7,600
7,400
7,200
7,000
0
10
20
30
40
50
60
70
80
90
100
NOF (%)
y = -14.979x + 8302.8
Target Net Heat Rate = 7572
Target Net Output Factor = 49%
JUL 22 - JUN 23
JUL 23 - JUN 24
JUL 24 - JUN 25
Linear (3 Year Trend)

**TAMPA ELECTRIC COMPANY**
**GENERATING UNITS IN GPIF**
**TABLE 4.2**
**JANUARY 2026 - DECEMBER 2026**

| PLANT / UNIT | | ANNUAL GROSS MDC (MW) | ANNUAL NET NDC (MW) |
|---|---|---|---|
| BIG BEND CC 1 | | 1,108 | 1,077 |
| POLK 2 | | 1,130 | 1,101 |
| BAYSIDE 1 | | 797 | 788 |
| BAYSIDE 2 | | 1,053 | 1,042 |
| | GPIF TOTAL | 4,088 | 4,008 |
| | **SYSTEM TOTAL** | **6,538** | **6,431** |
| | **% OF SYSTEM TOTAL** | **62.5%** | **62.3%** |

**TAMPA ELECTRIC COMPANY**
**UNIT RATINGS**
**JANUARY 2026 - DECEMBER 2026**

| PLANT / UNIT | | ANNUAL GROSS MDC (MW) | ANNUAL NET NDC (MW) |
|---|---|---|---|
| BAYSIDE 1 | | 797 | 788 |
| BAYSIDE 2 | | 1,053 | 1,042 |
| BAYSIDE 3 | | 59 | 58 |
| BAYSIDE 4 | | 59 | 58 |
| BAYSIDE 5 | | 59 | 58 |
| BAYSIDE 6 | | 59 | 58 |
| | BAYSIDE TOTAL | 2,084 | 2,060 |
| BIG BEND 1 | | 1,108 | 1,077 |
| BIG BEND 4 | | 395 | 380 |
| BIG BEND CT4 | | 59 | 58 |
| | BIG BEND TOTAL | 1,562 | 1,514 |
| POLK 1 | | 189 | 187 |
| POLK 2 | | 1,130 | 1,101 |
| | POLK TOTAL | 1,318 | 1,288 |
| SOLAR | | 1,499 | 1,495 |
| BATTERY | | | |
| | SOLAR TOTAL | 1,499 | 1,495 |
| MPS 1 - 4 | | 75 | 73 |
| | MACDILL TOTAL | 75 | 73 |
| | **SYSTEM TOTAL** | **6,538** | **6,431** |

**TAMPA ELECTRIC COMPANY**
**PERCENT GENERATION BY UNIT**
**JANUARY 2026 - DECEMBER 2026**

| PLANT | UNIT | NET OUTPUT MWH | PERCENT OF PROJECTED OUTPUT | PERCENT CUMULATIVE PROJECTED OUTPUT |
|---|---|---|---|---|
| BIG BEND | 1 | 6,873,167 | 31.9% | 31.9% |
| POLK | 2 | 4,964,703 | 23.0% | 54.9% |
| SOLAR | | 3,158,187 | 14.7% | 69.6% |
| BAYSIDE | 2 | 3,159,993 | 14.7% | 84.2% |
| BAYSIDE | 1 | 2,480,500 | 11.5% | 95.8% |
| BIG BEND | 4 | 691,750 | 3.2% | 99.0% |
| POLK | 1 | 158,673 | 0.7% | 99.7% |
| MACDILL | 1&2 | 33,399 | 0.2% | 99.9% |
| BIG BEND CT | 4 | 9,705 | 0.0% | 99.9% |
| BAYSIDE | 6 | 6,168 | 0.0% | 99.9% |
| BAYSIDE | 5 | 6,847 | 0.0% | 100.0% |
| BAYSIDE | 3 | 4,490 | 0.0% | 100.0% |
| BAYSIDE | 4 | 2,650 | 0.0% | 100.0% |
| TOTAL GENERATION | | 21,550,231 | 100.0% | |

GENERATION BY COAL UNITS: 691,750 MWH
% GENERATION BY COAL UNITS: 3.2%
GENERATION BY NATURAL GAS UNITS: 17,700,294 MWH
% GENERATION BY NATURAL GAS UNITS: 82.1%

GENERATION BY SOLAR UNITS: 3,158,187 MWH
% GENERATION BY SOLAR UNITS 14.7%
GENERATION BY GPIF UNITS: 17,478,363 MWH
% GENERATION BY GPIF UNITS: 81.1%

**EXHIBIT TO THE TESTIMONY**

**OF**

**ADAM L. PARKE**

**DOCUMENT NO. 2**

# SUMMARY OF GPIF TARGETS

## JANUARY 2026 - DECEMBER 2026

# TAMPA ELECTRIC COMPANY
# SUMMARY OF GPIF TARGETS
# JANUARY 2026 - DECEMBER 2026

| Unit | Availability | | | Net |
|---|---|---|---|---|
| | EAF | POF | EUOF | Heat Rate |
| **Big Bend CC 1**[1] | 89.0 | 7.9 | 3.0 | 6,403 |
| **Polk 2**[2] | 86.7 | 9.0 | 4.2 | 7,131 |
| **Bayside 1**[3] | 69.6 | 28.8 | 1.7 | 7,242 |
| **Bayside 2**[4] | 90.1 | 3.6 | 6.3 | 7,572 |

1 Original Sheet 8.401.20E, Page 12

2 Original Sheet 8.401.20E, Page 13

3 Original Sheet 8.401.20E, Page 14

4 Original Sheet 8.401.20E, Page 15