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January 23, 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-styled matter is Tampa Electric Company's Petition for approval of the company's proposed mid-course correction of its fuel cost recovery factors.

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
Attachment
cc: All parties of record

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery) DOCKET NO. 20230001-EI
Clause with Generating Performance Incentive)
Factor.) FILED: January 23, 2023
_____)

**PETITION OF TAMPA ELECTRIC COMPANY
FOR A MID-COURSE CORRECTION OF
ITS FUEL COST RECOVERY FACTORS**

Tampa Electric Company (“Petitioner,” “Tampa Electric,” or “company”), pursuant to Chapter 366, Florida Statutes, hereby petitions the Commission for approval of the company’s proposed mid-course correction of its fuel cost recovery factors to recover the company’s final true-up under-recovery balance for the year 2022 and to reflect the company’s updated fuel price forecast for 2023, and in support thereof says:

I. Introduction

1. The Petitioner’s name and address are:

Tampa Electric Company
702 North Franklin Street
Tampa, Florida 33602

2. Tampa Electric is a Florida corporation and is a wholly owned subsidiary of TECO Energy, Inc., which is a wholly owned subsidiary of Emera Incorporated. The company is an investor-owned electric utility subject to the Commission’s jurisdiction pursuant to Chapter 366, Florida Statutes.

3. Tampa Electric provides retail electric service to over 810,000 customers in a 2,000 square mile service territory in Hillsborough and portions of Polk, Pinellas, and Pasco Counties in Florida. Tampa Electric and its approximately 2,400 employees are

focused on safety, providing cleaner and greener energy for its communities, and making it easier for customers to do business with the company – when and where they want.

4. The persons to whom all notices and other documents should be sent in connection with this docket are:

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Manager, Regulatory Coordination
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5. Tampa Electric is a corporation organized and existing under the laws of the State of Florida and is an electric public utility as defined in Section 366.02(2), Florida Statutes.

6. The Commission is vested with jurisdiction of this matter in accordance with Sections 366.04, 366.05 and 366.06, Florida Statutes. As the Commission has previously explained: “The Commission’s jurisdiction to consider fuel clause proceedings derives from the Commission’s authority to set fair and reasonable rates, found in Section 366.05, Florida Statutes.”¹

7. This Petition is filed consistent with Rule 28-106.201, Florida Administrative Code. The agency affected is the Florida Public Service Commission, located at 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399. This case does not involve reversal or modification of an agency decision or an agency’s proposed action.

¹ Order No. PSC-16-0120-PCO-EI, issued March 21, 2016 in Docket No. 20160001-EI.

Therefore, subparagraph (c) and portions of subparagraphs (b), (e), (f) and (g) of subsection (2) of that rule are not applicable to this Petition.

II. Statement on Disputed Issues of Material Fact

8. In compliance with paragraph (2)(d) of Rule 28-106.201, Florida Administrative Code, Tampa Electric states that it is not known which, if any, of the issues of material fact set forth in the body of this Petition may be disputed by any others who may plan to participate in this proceeding. Tampa Electric acknowledges, however, that the Office of Public Counsel and other substantially affected parties raised issues related to the subject matter of this petition at the November 17, 2022 fuel cost recovery clause hearing. The discussion below demonstrates how the Petitioner's substantial interests will be affected by the agency determination.

III. Statement of Ultimate Facts Providing the Basis for Relief

A. 2022 Under-Recovery

9. On January 19, 2022, Tampa Electric filed a petition for mid-course correction and asked the Commission to adjust its then-current fuel cost recovery factors to address a projected year-end under-recovery for 2022.² The Commission approved this petition with an Order entered on March 18, 2022 that approved new fuel cost recovery factors effective for the first billing cycle of April, 2022.³

10. On April 21, 2022, Tampa Electric filed a notice with the Commission indicating that the company was projecting an under-recovery greater than 10 percent for the period ending December 31, 2022. The company stated that it would not file a mid-course correction at that time due to the volatility of the natural gas market.⁴

² DN 00350-2022, filed January 19, 2022 in Docket No. 20220001-EI.

³ Order No. PSC-2022-0122-PCO-EI, issued March 18, 2022 in Docket No. 2022001-EI.

⁴ See DN 02571-2022, filed April 21, 2022 in Docket No. 20220001-EI.

11. On July 27, 2022, Tampa Electric filed its actual/estimated 2022 true-up filing, wherein the company projected an under-recovery of \$411,964,625 for the period ending December 31, 2022.⁵

12. On September 2, 2022, Tampa Electric filed a petition, testimony, and exhibits related to the company's projection for 2023.⁶ The company's petition stated that the company did not include the projected 2022 under-recovery in the proposed 2023 cost recovery factors due to continuing volatility in the natural gas commodity market. Tampa Electric Witness Penelope A. Rusk further stated in her pre-filed testimony that Tampa Electric intended to continue to monitor the natural gas prices until the year-end under-recovery balance was more certain and that the company would make a request to recover its 2022 under-recovery at a later time.

13. At the November 17-18, 2022 fuel clause hearing, Witness Rusk testified that the company's projected under-recovery for 2022 increased after the company filed the April 21, 2022 notice with the Commission. She also testified that the projected under-recovery increased by 50 percent in the weeks following the July actual/estimate filing. Witness Rusk testified that the company considered filing a second midcourse correction petition during 2022, but decided not to do so out of concern for the number of rate changes during the year and in the hope that fuel prices would decline over the remaining months of the year.⁷ Witness Rusk also testified at the November hearing that the under-recovery balance did ultimately decline from a peak in early fall.⁸ Finally, Witness Rusk testified that the company's approach throughout 2022 was intended to provide greater certainty for

⁵ See DN 05030-2022, filed July 27, 2022 in Docket No. 20220001-EI.

⁶ See DN 05966-2022, filed September 2, 2022 in Docket No. 20220001-EI.

⁷ Transcript Vol. 4 of 11/18/22 hearing, DN 11732-2022, filed November 28, 2022 in Docket No. 20220001-EI, at 642-643.

⁸ DN 11732-2022, at 645.

the 2022 under-recovery, to avoid multiple rate changes, and to avoid a potential over-recovery.⁹

14. Tampa Electric’s current fuel and purchased power cost recovery factors (“fuel factors” or “factors”) were approved by bench decision at the December 6, 2022 fuel and purchased power cost recovery clause hearing, for application during the period January 2023 through December 2023.¹⁰ This decision was later codified in Order No. PSC-2023-0026-FOF-EI, issued January 6, 2023 in Docket No. 20230001-EI. The new factors became effective with the first billing cycle for January 2023.

15. In preparing this Petition, Tampa Electric calculated its total year-end fuel and purchased power under-recovery for 2022 to be \$517.9 million, including actual January through December 2022 fuel and purchased power costs, as shown in Exhibit “A”.

16. Tampa Electric believes the most reasonable and prudent method of eliminating this under-recovery balance is to spread recovery over a period of 21 months beginning with the first billing cycle of April 2023.

17. Tampa Electric did not include a projected year-end true-up balance for 2022 in the proposed 2023 factors that were approved by the Commission in Order No. PSC-2023-0026-FOF-EI for the reasons specified in the November 18th testimony of Witness Rusk. Tampa Electric accordingly asks that the company’s April through December 2023 factors be adjusted to recover a portion of the 2022 under-recovery, and that the remaining under-recovery balance be recovered over the following twelve months beginning with the first billing cycle of January 2024.

⁹ DN 11732-2022, at 647.

¹⁰ See Transcript of December 6, 2022 hearing, DN 12105-2022, filed December 19, 2022 in Docket No. 20220001-EI.

B. 2023 Projected Over-Recovery

18. In preparing this Petition, Tampa Electric also updated its projection of the total fuel and net power transactions amount for January 2023 through December 2023. The re-projected expense of \$784.7 million reflects a decrease of \$171 million compared to the projection approved by this Commission at the fuel clause hearing held on December 6, 2022.

19. The projected over-recovery for 2023 is over 10 percent greater than Tampa Electric's forecasted jurisdictional system fuel costs for the period on which the current fuel factors are based. Pursuant to Rule 25-6.0424(1)(a), Florida Administrative Code, the estimated percentage calculated using the estimated 2023 end-of-period total net true-up divided by the 2023 total estimated jurisdictional fuel revenue applicable to the period is 37.7 percent, including the actual 2022 end of year true-up amount. Attached hereto as Exhibit "B" is a schedule demonstrating the expected 2023 fuel and purchased power under-recovery amount absent an adjustment.

20. The primary cause of the over-recovery is a significant decrease, of approximately 18 percent, in projected 2023 natural gas prices compared to the previously projected 2023 natural gas prices used to set the company's original January through December 2023 fuel factors.

21. With this filing, Tampa Electric also updated its planned power purchases with updated pricing and savings of market power purchases because the price of natural gas affects the power market.

C. Relief Requested and Bill Impacts of the Proposed Factor Changes

22. Tampa Electric proposes modifications to its fuel factors, effective with the first billing cycle for April 2023 through the last billing cycle of December 2023, designed

to eliminate the projected year-end 2023 over-recovery balance and to begin recovery of its 2022 under-recovery. The company proposes that recovery of the 2022 under-recovery balance would continue for 12 months after the last billing cycle of December 2023 and would be included in the company's 2024 fuel factors.

23. If approved, the fuel charge for a residential customer using 1,000 kWh ("typical bill") will be \$49.33 per month for the 9-month period spanning April through December of 2023. Attached hereto as Exhibit "C" are revised and updated "E" Schedules which consider the company's actual 2022 under-recovery balance and the currently projected over-recovery of \$172 million and a recalculation of the April through December 2023 fuel factors in a manner designed to eliminate the projected over-recovery.

24. The revised fuel factors are shown on Exhibit "C," Schedule E1-E. The calculation of the 9-month fuel factors is shown on Exhibit "C," Schedule E1-D.

25. Attached hereto as Schedule E10 of Exhibit "C" is a comparison of an average residential bill reflecting the January 2023 fuel cost recovery factors approved at the December 6, 2022 clauses hearing and the modified factors proposed herein. For April 2023 through December 2023 billing cycles, the fuel mid-course correction will increase the residential 1,000 kWh fuel charge by \$4.08, compared to the January 2023 charge.

26. Revised tariff sheets in "clean" and "legislative" format are attached as Exhibit "D."

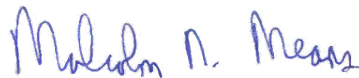
27. Because the proposed fuel adjustment cost recovery factor modifications are based on an effective date beginning with the first billing cycle for April 2023, Tampa Electric asks that this petition be scheduled for consideration on or before the March 7, 2023 Commission Agenda Conference to allow the company to provide notice to customers. In addition, Tampa Electric requests a waiver of the 30-day customer notice

requirement if the petition is considered at the March 7, 2023 Agenda Conference. The company's first billing cycle for April 2023 will occur on April 3, 2023, or 27 days after the March 7th Agenda Conference. Given the small timing difference, the company's ability to post notices of the proposed rate change on bills and on its website, and the benefit of implementing the rates sooner to mitigate the monthly bill increase by spreading the increase over a greater number of months than if the implementation is delayed, the waiver is warranted.

WHEREFORE, Tampa Electric urges the Commission to approve the company's proposed modifications to its fuel and purchased power cost recovery factors as set forth in the schedules attached hereto, for application on customer bills beginning with bills for April 2023 and thereafter until modified by subsequent Commission order, and approve the revised tariff sheets provided in Exhibit "D." To achieve the forgoing effective date, the company further requests that this matter be considered by the Commission on or before the March 7, 2023 Agenda Conference.

DATED this 23rd day of January 2023.

Respectfully submitted,



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MALCOLM N. MEANS
VIRGINIA PONDER
Ausley McMullen
Post Office Box 391
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(850) 224-9115
ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition for approval of the company's proposed mid-course correction of its fuel cost recovery factors, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 23rd day of January 2023 to the following:

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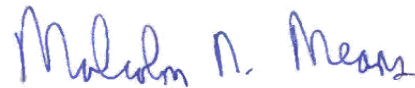
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ATTORNEY



**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET NO. 20230001-EI
FUEL & PURCHASED POWER COST RECOVERY
AND
CAPACITY COST RECOVERY**

**RE-PROJECTION
JANUARY 2023 THROUGH DECEMBER 2023**

**TESTIMONY AND EXHIBIT
OF
M. ASHLEY SIZEMORE**

FILED: JANUARY 23, 2023

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **M. ASHLEY SIZEMORE**

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

8
9 **A.** My name is M. Ashley Sizemore. My business address is 702
10 N. Franklin Street, Tampa, Florida 33602. I am employed
11 by Tampa Electric Company ("Tampa Electric" or "company")
12 in the position of Manager, Rates in the Regulatory
13 Affairs department.

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

17
18 **A.** I received a Bachelor of Arts degree in Political Science
19 and a Master of Business Administration from the
20 University of South Florida in 2005 and 2008,
21 respectively. I joined Tampa Electric in 2010 as a
22 Customer Service Professional. In 2011, I joined the
23 Regulatory Affairs Department as a Rate Analyst. I spent
24 six years in the Regulatory Affairs Department working on
25 environmental and fuel and capacity cost recovery

1 clauses. During the next three years as a Program Manager
2 in Customer Experience, I managed billing and payment
3 customer solutions, products, and services. I returned to
4 the Regulatory Affairs Department in 2020 as Manager,
5 Rates. My duties include managing cost recovery for fuel
6 and purchased power, interchange sales, capacity
7 payments, and approved environmental projects. I have 13
8 years of electric utility experience in the areas of
9 customer experience and project management as well as the
10 management of fuel clause and purchased power, capacity,
11 and environmental cost recovery clauses.

12
13 **Q.** What is the purpose of your testimony?
14

15 **A.** The purpose of my testimony is (1) to describe the final
16 2022 fuel under-recovery and our proposed recovery
17 treatment, (2) to present the revised projected fuel costs
18 for 2023, and (3) to provide an overview of the composite
19 effect on the residential bill changes in the various
20 cost recovery factors for April 2023 through December
21 2023. Finally, Tampa Electric requests Commission
22 approval for these changes to the fuel factors for April
23 2023 through December 2023 bills.
24
25

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

3
4 **A.** Yes. Exhibit No. MAS-1, consisting of 3 documents, was
5 prepared under my direction and supervision. Document No.
6 1 contains the Fuel and Purchased Power Costs Actuals for
7 the period January 2022 through December 2022. Document
8 No. 2 contains Schedule E2 Estimated that reflects the
9 expected 2023 fuel and purchased power over-recovery
10 amount absent an adjustment. Document No. 3 is furnished
11 as support for the proposed levelized fuel and purchased
12 power cost recovery factors, and it includes Schedules E1
13 through E10 for April 2023 through December 2023 as well
14 as Schedule H1 for 2020 through 2023.

15
16 **Q.** Are you requesting Commission approval of the re-
17 projected fuel recovery factors for the company's various
18 rate schedules?

19
20 **A.** Yes.

21
22 **Q.** How were the fuel cost recovery clause factors calculated?

23
24 **A.** The fuel cost recovery factors were calculated as shown
25 on Document No. 1, Exhibit C. These factors were

1 calculated based on the current approved rate design and
2 schedules as set out in the 2021 Stipulation and
3 Settlement Agreement approved by the Commission in Order
4 No. PSC-2021-0423-S-EI on November 10, 2021 in Docket No.
5 20210034-EI.

6
7 **Q.** On April 21, 2022, Tampa Electric filed a notice with the
8 Commission indicating that the company was projecting an
9 under-recovery greater than ten percent for 2022, even
10 though Tampa Electric implemented new fuel factors
11 associated with its January 2022 mid-course correction
12 filing at the beginning of April 2022. Please explain.

13
14 **A.** In its January 19, 2022 mid-course filing, Tampa Electric
15 projected a year-end under-recovery of \$97.3 million. The
16 revised factors approved through the January petition
17 were designed to eliminate this under-recovery. However,
18 as of the March 29, 2022 natural gas price forecast, the
19 company was again projecting an under-recovery in excess
20 of 10 percent even after accounting for the new factors.
21 As reported in its March A-schedules, filed in April,
22 Tampa Electric was \$135.4 million under-recovered. This
23 was a result of the significant natural gas price
24 volatility we experienced in 2022.

25

1 **Q.** In the April 2022 letter, Tampa Electric proposed to
2 monitor the natural gas market rather than petition the
3 Commission for a mid-course correction. Why did the
4 company make this decision?

5
6 **A.** Tampa Electric concluded it was not practical to file a
7 mid-course correction at that time because of the
8 significant volatility in the natural gas market. The
9 company concluded it was more prudent to wait and monitor
10 the natural gas market to see if there would be a decline
11 in the cost for natural gas during the balance of the
12 year. If the market returned to the price levels projected
13 in January, a mid-course correction would no longer be
14 needed. Tampa Electric also was sensitive to the number
15 of rate changes the customers would experience during
16 2022, given customer feedback that they prefer a constant,
17 level rate throughout the year.

18
19 **Q.** At the time of Tampa Electric actual/estimated filing,
20 filed on July 27, 2022, what did Tampa Electric calculate
21 as the estimated net true-up amount for the January 2022
22 through December 2022 period?

23
24 **A.** Tampa Electric estimated the net-true up amount for the
25 period of January 2022 through December 2022 to be an

1 under-recovery of \$411,964,625.

2
3 **Q.** If Tampa Electric was projecting an under-recovery of
4 \$411,964,625 in July, why did Tampa Electric conclude it
5 was not practical to file a mid-course correction during
6 the summer of 2022?

7
8 **A.** The company decided not to file a mid-course petition at
9 that time for the same reasons it did not file in April.
10 At the time of Tampa Electric's actual/estimate filing in
11 July, natural gas market volatility was still high, and
12 Tampa Electric decided to continue to monitor the natural
13 gas prices until the amount of the fuel cost-under-
14 recovery could be determined with greater certainty.

15
16 **Q.** Tampa Electric filed its 2023 projection in September of
17 2022. At that time, was the projected year-end under-
18 recovery higher or lower than the amount projected in
19 July?

20
21 **A.** At the time of the 2023 projection filing, which was filed
22 on September 2, 2022, Tampa Electric projected a year-end
23 under-recovery that was about 50 percent higher than what
24 was projected in the July 27, 2022 filing, at over \$600
25 million. Given the magnitude of the change in such a short

1 amount of time, the company decided to continue to monitor
2 fuel costs, rather than revising its 2022 under-recovery
3 or requesting a mid-course correction during the last few
4 months of the year. Tampa Electric decided to wait until
5 the under-recovery amount was more certain and postpone
6 the inclusion of the 2022 under-recovery amount in 2023
7 factors to a new filing expected in late 2022 or early
8 2023. The company communicated these expectations for
9 timing of recovery to customers and the Commission. Tampa
10 Electric also committed to consider alternative recovery
11 periods for the 2022 under-recovery, including extending
12 the recovery beyond the usual 12 months or remaining
13 calendar year.

14
15 **Q.** Why did Tampa Electric not include the 2022 projected
16 under-recovery in its 2023 factors?

17
18 **A.** Due to the extreme volatility of the natural gas market,
19 Tampa Electric did not include its 2022 projected under-
20 recovery in its 2023 factors. Instead, the company
21 proposed to continue monitoring the natural gas market
22 until the under-recovery could be known with greater
23 certainty. The company concluded that this was the best
24 course of action because it would provide greater
25 certainty for the 2022 under-recovery and because it would

1 potentially avoid multiple customer rate changes or an
2 over-recovery if fuel costs decreased.

3
4 **Q.** What is Tampa Electric's actual 2022 under-recovery?

5
6 **A.** Tampa Electric's actual under-recovery for the period
7 January 2022 through December 2022 is \$517,989,768.

8
9 **Q.** How does this under-recovery differ from what was
10 projected in Tampa Electric's July 27, 2022 filing?

11
12 **A.** Tampa Electric's final 2022 fuel under-recovery exceeded
13 the projected \$412 million amount in its July 27, 2022
14 filing by \$106 million.

15
16 **Q.** How does the 2022 final under-recovery amount differ from
17 what was expected at the time of Tampa Electric's
18 September 2, 2022 projection filing?

19
20 **A.** Tampa Electric's final fuel under-recovery amount was
21 nearly \$100 million lower than the expected under-
22 recovery amount at the time of the September projection
23 filing.

24
25 **Q.** Was Tampa Electric's proposal to delay recovery of the

1 2022 under-recovery amount until it was more certain
2 successful?

3

4 **A.** Yes. The final under-recovery amount is significantly
5 less than the company projected at the time of the
6 November fuel clause hearing and less than it would have
7 requested at the time of the September 2022 projection
8 filing. By waiting to implement the recovery, we avoided
9 the potential for multiple rate changes during the year,
10 as well as mitigating the impact of the rate change by
11 using an extended cost recovery period. I discuss the
12 recovery period below.

13

14 **Q.** How does Tampa Electric propose to recover its under-
15 recovery of \$517,989,768?

16

17 **A.** Tampa Electric is proposing to spread this under-recovery
18 over a 21-month period, beginning with April 2023 bills.

19

20 **Q.** Why is Tampa Electric proposing to spread the recovery of
21 its 2022 under-recovery over a 21-month period?

22

23 **A.** Tampa Electric recognizes that recovering the entire
24 under-recovery balance over nine months, or even 12
25 months, would result in a significant bill impact for

1 customers. Tampa Electric believes that recovering the
2 amount over a 21-month period will provide greater rate
3 stability and mitigate customer bill impacts.
4

5 **Q.** What would have happened if Tampa Electric had included
6 the projected under-recovery from its July 27, 2022
7 filing?
8

9 **A.** The company's actual year-end under-recovery for 2022 was
10 \$517,989,768. If Tampa Electric had included the \$412
11 million forecasted under-recovery in its 2023 factors,
12 those factors would not have been sufficient to recover
13 the entire under-recovery. Additionally, customers would
14 be paying for the under-recovery over a shorter period of
15 time, thereby significantly increasing their electric
16 bills. If Tampa Electric had included the significantly
17 higher amount of over \$600 million that was estimated at
18 the time of the 2023 Projection filing, Tampa Electric
19 would be collecting significantly more from customers, in
20 turn causing Tampa Electric to end 2023 in an over-
21 recovery position.
22

23 **Q.** Would Tampa Electric still have exceeded the 10 percent
24 threshold for a 2023 mid-course correction if the
25 projected under-recovery from its July 27, 2022 filing

1 had been included in 2023 fuel factors?

2

3 **A.** Yes.

4

5 **Q.** Did customers ultimately benefit from Tampa Electric's
6 decision to wait until the 2022 actual under-recovery
7 could be determined?

8

9 **A.** Yes. Tampa Electric customers are benefiting from this
10 approach in several ways: 1) customers are paying the
11 actual costs for 2022 and not a projected amount that was
12 either too high or too low; 2) the under-recovery is being
13 spread out over a longer period to mitigate the bill
14 impact of the increase; 3) due to the declining natural
15 gas futures prices, customers are going to see a reduction
16 in their 2023 projected costs, which will help mitigate
17 the impact of the 2022 final fuel under-recovery.

18

19 **Q.** You mentioned declining natural gas futures prices
20 leading to a reduction in 2023 fuel cost projections. Can
21 you elaborate on this topic?

22

23 **A.** Natural gas prices appear to be trending down, and, as a
24 result, Tampa Electric expects 2023 total fuel costs to
25 be \$785 million, or about \$172 million less than the \$957

1 million projected in September 2022. This results in a
2 projected over-recovery of \$171.1 million, or 37.7
3 percent of jurisdictional fuel revenues, absent a mid-
4 course correction to the company's fuel factors. Due to
5 the lower natural gas price forecast, Tampa Electric is
6 requesting to modify its 2023 fuel factors.

7
8 **Q.** Did Tampa Electric include this projected over-recovery
9 in your proposed new factors set out in your Exhibit and
10 in the Petition for Mid-Course Correction filed along with
11 this testimony?

12
13 **A.** Yes. The company adjusted the proposed factors to
14 eliminate the 2023 projected year-end over-recovery.

15
16 **Cost Recovery Factors**

17 **Q.** What is the composite effect of Tampa Electric's proposed
18 changes on a 1,000 kWh residential customer's bill?

19
20 **A.** The composite effect on a residential bill for 1,000 kWh
21 is an increase of \$14.66 in the period beginning April
22 2023, when compared to the January 2023 through March
23 2023 charges. This includes the impact of the company's
24 petition for storm cost recovery surcharge filed with the
25 Commission on January 23, 2023. The revised typical bill

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amounts are shown in Exhibit No. MAS-1, Document No. 3,
on Schedule E10.

Q. When does the company propose that these new fuel rates
would take effect?

A. The company requests that the new fuel rates take effect
concurrent with meter readings for the first billing cycle
for April 2023.

Q. Does this conclude your direct testimony?

A. Yes.

EXHIBIT "A"

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 1

FUEL AND PURCHASED POWER COST RECOVERY

ACTUAL

JANUARY 2022 THROUGH DECEMBER 2022

TAMPA ELECTRIC COMPANY

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2	Schedule E1-A Calculation of Total True-Up	(APR. 2023 - DEC. 2023)
3	Schedule E1-B Calculation of Actual True-Up	(JAN. 2022 - DEC. 2022)
4	Schedule E2 Cost Recovery Clause Calculation	(")
5-6	Schedule E3 Generating System Comparative Data	(")
7-30	Schedule E4 System Net Generation and Fuel Cost	(")
31-32	Schedule E5 Inventory Analysis	(")
33-34	Schedule E6 Power Sold	(")
35	Schedule E7 Purchased Power	(")
36	Schedule E8 Energy Payment to Qualifying Facilities	(")
37	Schedule E9 Economy Energy Purchases	(")

**TAMPA ELECTRIC COMPANY
 CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP
 FOR THE PERIOD: APRIL 2023 THROUGH DECEMBER 2023**

SCHEDULE E1-A

1.	ACTUAL OVER/(UNDER) RECOVERY January 2022 - December 2022	(\$517,885,586)
2.	PROJECTED OVER/UNDER-RECOVERY TRUE-UP INCLUDED IN APRIL - DECEMBER 2023 RATES (Per 2023 Projection filing Schedule E1-C, line 1B)	\$0
3.	DIFFERENCE IN 2023 ESTIMATED TRUE-UP AMOUNT PROJECTED IN ORIGINAL 2023 RATES AND AMOUNT COLLECTED IN 2023 (\$0 under-recovery to be collected January through March 2023)	<u>\$0</u>
4.	ACTUAL-ESTIMATED 2022 OVER/(UNDER) RECOVERY (Line 1 - Line 2 + Line 3)	(\$517,885,586)
5.	FINAL TRUE-UP (January 2021 - December 2021) (Per True-Up filed April 1, 2022)	<u>0</u>
6.	TOTAL OVER/(UNDER) RECOVERY TO BE COLLECTED IN 2023 \$517,989,768 to be recovered over 21 months. 9 out of 21 months projected period April 2023 through December 2023. (2023 Midcourse Schedule E1, line 29)	<u><u>(\$213,502,109)</u></u>
7.	JURISDICTIONAL MWH SALES (Projected April 2023 through December 2023)	15,686,056
8.	TRUE-UP FACTOR - cents/kWh (Using Effective MWh Sales of 15,663,447)	1.3631

TAMPA ELECTRIC COMPANY
 CALCULATION OF ESTIMATED TRUE-UP
 ACTUAL ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

SCHEDULE E1-B

	ACTUAL												TOTAL
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
A. 1. Fuel Cost of System Net Generation	61,302,501	67,794,684	63,632,248	70,587,627	103,252,157	120,479,428	119,164,253	159,256,580	118,329,498	82,955,209	68,578,850	84,899,777	1,120,232,813
2. Fuel Cost of Power Sold ⁽¹⁾	2,395,041	759,598	785,979	1,327,781	6,114,348	6,984,080	5,070,143	5,120,393	2,816,462	1,172,674	1,736,674	1,211,398	35,494,359
3. Fuel Cost of Purchased Power	1,001,822	286,338	1,772,599	276,294	1,220,512	1,793,737	175,160	1,839,193	6,758,367	11,981,762	13,717,379	3,763,498	44,486,861
3a. Demand and Non-Fuel Cost of Purchased Pwr	0	0	0	0	0	0	0	0	0	0	0	0	0
3b. Payments to Qualifying Facilities	105,041	297,253	139,327	101,496	523,622	134,989	3,760	59,043	34,009	164,802	249,939	348,726	2,181,987
4. Energy Cost of Economy Purchases	0	0	1,406,650	508,120	12,584,572	14,745,106	18,181,617	26,740,046	12,069,851	7,236,710	350,179	300,724	94,123,575
5. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
5a. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
5b. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	(104,000)
6. TOTAL FUEL & NET POWER TRANS.	60,014,323	67,588,677	66,164,845	70,145,757	111,466,515	130,109,160	132,454,647	182,774,469	134,375,263	101,166,020	81,159,673	87,997,327	1,225,416,676
⁽¹⁾ Includes Gains													
B. 1. Jurisdictional MWH Sales	1,510,613	1,431,190	1,445,867	1,500,226	1,697,540	1,919,170	2,026,836	2,054,099	2,060,095	1,613,145	1,630,226	1,562,103	20,451,110
2. Non-Jurisdictional MWH Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
3. TOTAL SALES (LINE B1+B2)	1,510,613	1,431,190	1,445,867	1,500,226	1,697,540	1,919,170	2,026,836	2,054,099	2,060,095	1,613,145	1,630,226	1,562,103	20,451,110
4. Jurisdictional % of Total Sales	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
C. 1. Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	45,528,778	42,834,324	43,384,693	60,788,763	66,421,049	79,243,515	84,180,698	85,206,456	85,516,397	70,357,292	61,899,283	65,280,460	791,641,708
1a. Jurisdictional Fuel Recovery Revenue Credit	0	0	0	0	0	0	0	0	0	0	0	0	0
2. True-up Provision	(27,118)	(27,118)	(27,118)	(27,118)	0	0	0	0	0	0	0	0	(81,354)
2a. Mid-Course True Up	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,142)	(97,303,593)
2b. Incentive Provision	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(3,673,726)
2c. 2020 Optimization Mechanism Gains	45,088,414	42,393,960	42,944,329	49,564,007	56,196,293	68,018,759	72,955,942	73,981,700	74,291,641	59,132,536	50,674,527	52,055,703	689,297,811
3. FUEL REVENUE APPLICABLE TO PERIOD (Line A6)	60,014,323	67,588,677	66,164,845	70,145,757	111,466,515	130,109,160	132,454,647	182,774,469	134,375,263	101,166,020	81,159,673	87,997,327	1,225,416,676
5. Jurisd. Total Fuel and Net Power Transactions (Line A6 Line B4)	60,014,323	67,588,677	66,164,845	70,145,757	111,466,515	130,109,160	132,454,647	182,774,469	134,375,263	101,166,020	81,159,673	87,997,327	1,225,416,676
5a. Jurisdictional Loss Multiplier	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
5b. Jurisdictional Sales Adjusted for Line Losses	60,014,323	67,588,677	66,164,845	70,145,757	111,466,515	130,109,160	132,454,647	182,774,469	134,375,263	101,166,020	81,159,673	87,997,327	1,225,416,676
5c. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
6. JURIS. TOTAL FUEL AND NET POWER TRANSACTIONS	60,014,323	67,588,677	66,164,845	70,145,757	111,466,515	130,109,160	132,454,647	182,774,469	134,375,263	101,166,020	81,159,673	87,997,327	1,225,416,676
7. Over/(Under) Recovery	(14,925,909)	(25,194,717)	(23,220,516)	(20,581,750)	(53,270,222)	(62,090,401)	(69,498,705)	(108,792,769)	(60,083,622)	(42,033,484)	(30,485,146)	(35,941,624)	(536,118,865)
8. Interest Provision	(7,166)	(15,946)	(37,157)	(72,996)	(129,920)	(256,275)	(456,378)	(671,810)	(959,707)	(1,241,489)	(1,477,745)	(1,757,798)	(7,084,387)
9. TOTAL ESTIMATED TRUE-UP FOR THE PERIOD													(543,203,252)

TAMPA ELECTRIC COMPANY
FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

SCHEDULE E2

	Actual												TOTAL PERIOD
	(a) Jan-22	(b) Feb-22	(c) Mar-22	(d) Apr-22	(e) May-22	(f) Jun-22	(g) Jul-22	(h) Aug-22	(i) Sep-22	(j) Oct-22	(k) Nov-22	(l) Dec-22	
1. Fuel Cost of System Net Generation	61,302,501	67,794,684	63,632,248	70,587,628	103,252,157	120,479,428	119,164,253	159,256,580	118,329,498	82,955,209	68,578,850	84,899,777	1,120,232,813
2. Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Fuel Cost of Power Sold ⁽¹⁾	2,395,041	759,598	785,979	1,327,781	6,114,348	6,984,080	5,070,143	5,120,393	2,816,462	1,172,463	1,736,674	1,211,398	35,494,359
4. Fuel Cost of Purchased Power	1,001,822	256,338	1,772,599	276,294	1,220,512	1,733,737	175,160	1,839,193	6,759,367	11,981,762	13,717,379	3,763,498	44,496,661
5. Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Payments to Qualifying Facilities	105,041	297,253	139,327	101,496	523,622	134,969	3,760	59,043	34,009	164,802	249,939	348,726	2,161,987
7. Energy Cost of Economy Purchases	0	0	1,406,650	508,120	12,584,572	14,745,106	18,181,617	26,740,046	12,069,851	7,236,710	350,179	300,724	94,123,575
8. Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Adjustment	0	0	0	0	0	0	0	0	0	0	0	(104,000)	(104,000)
10. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
11. TOTAL FUEL & NET POWER TRANSACTIONS	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	132,454,647	182,774,469	134,375,263	101,166,020	81,159,673	87,997,327	1,225,416,676
12. Jurisdictional MWh Sold	1,510,613	1,431,190	1,445,867	1,500,226	1,697,540	1,919,170	2,026,836	2,054,099	2,060,095	1,613,145	1,630,226	1,562,103	20,451,110
13. Jurisdictional % of Total Sales	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	-
14. Jurisdictional Total Fuel & Net Power Transactions (Line 11 * Line 13)	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	132,454,647	182,774,469	134,375,263	101,166,020	81,159,673	87,997,327	1,225,416,676
15. Jurisdictional Loss Multiplier	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	-
16. Jurisdictional Sales Adjusted for Line Losses (Line 14 * Line 15)	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	132,454,647	182,774,469	134,375,263	101,166,020	81,159,673	87,997,327	1,225,416,676
17. Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
18. JURISD. TOTAL FUEL & NET PWR. TRANS. (LINE 16+17)	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	132,454,647	182,774,469	134,375,263	101,166,020	81,159,673	87,997,327	1,225,416,676
19. Cost Per kWh Sold (Cents/kWh)	3.9729	4.7226	4.5761	4.6757	6.5664	6.7795	6.5351	8.8980	6.5228	6.2714	4.9784	5.6333	5.9919
20. Optimization Mechanism (Cents/kWh) ⁽²⁾	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)
21. True-up (Cents/kWh) ⁽²⁾	0.0018	0.0018	0.0018	0.7157	0.7157	0.7157	0.7157	0.7157	0.7157	0.7157	0.7157	0.7157	0.5372
22. Total (Cents/kWh) (Line 19+20+21)	3.9676	4.7173	4.5708	5.3843	7.2750	7.4881	7.2437	9.6066	7.2314	6.9800	5.6870	6.3419	6.5221
23. Revenue Tax Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
24. Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	3.9704	4.7207	4.5741	5.3882	7.2802	7.4934	7.2489	9.6136	7.2366	6.9850	5.6911	6.3464	6.5268
25. GPIF Adjusted for Taxes (Cents/kWh) ⁽²⁾	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203
26. TOTAL RECOVERY FACTOR (LINE 24+25)	3.9907	4.7410	4.5944	5.4085	7.3005	7.5137	7.2692	9.6339	7.2569	7.0053	5.7114	6.3667	6.5471
27. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH	3.991	4.741	4.594	5.408	7.301	7.514	7.269	9.634	7.257	7.005	5.711	6.367	6.547

⁽¹⁾ Includes Gains
⁽²⁾ Based on Jurisdictional Sales Only

TAMPA ELECTRIC COMPANY
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH JUNE 2022

SCHEDULE E3

	ACTUAL					
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
FUEL COST OF SYSTEM NET GENERATION (\$)						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	73,162	776,958	1,112,837	242,938	21,473	41,168
3. COAL	2,681,858	4,530,876	6,634,174	2,063,664	4,542,253	4,335,404
4. NATURAL GAS	58,547,481	62,486,850	55,885,237	68,281,026	98,688,431	116,102,856
5. SOLAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL (\$)	61,302,501	67,794,684	63,632,248	70,587,628	103,252,157	120,479,428
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	51	2,533	1,901	908	42	101
10. COAL	88,717	160,362	166,090	72,805	137,984	143,269
11. NATURAL GAS	1,423,950	1,154,399	1,249,301	1,447,515	1,497,065	1,592,463
12. SOLAR	79,857	96,198	135,072	149,573	179,936	159,926
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	1,592,575	1,413,492	1,552,364	1,670,801	1,815,027	1,895,759
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	554	5,774	8,162	1,778	129	297
17. COAL (TON)	42,037	72,372	80,814	31,741	69,693	73,764
18. NATURAL GAS (MCF)	10,665,999	8,635,987	9,316,347	10,617,408	10,974,677	11,115,452
19. SOLAR	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0
BTUS BURNED (MMBTU)						
21. HEAVY OIL	0	0	0	0	0	0
22. LIGHT OIL	3,228	33,658	47,581	10,363	754	1,731
23. COAL	970,046	1,630,743	1,844,278	697,739	1,551,141	1,657,113
24. NATURAL GAS	10,890,778	8,803,178	9,500,915	10,826,709	11,420,573	11,667,590
25. SOLAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
27. TOTAL (MMBTU)	11,864,052	10,467,579	11,392,774	11,534,811	12,972,468	13,326,434
GENERATION MIX (% MWH)						
28. HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29. LIGHT OIL	0.00%	0.18%	0.12%	0.05%	0.00%	0.01%
30. COAL	5.57%	11.35%	10.70%	4.36%	7.60%	7.56%
31. NATURAL GAS	89.41%	81.67%	80.48%	86.64%	82.48%	84.00%
32. SOLAR	5.01%	6.81%	8.70%	8.95%	9.91%	8.44%
33. OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34. TOTAL (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT						
35. HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL (\$/BBL)	132.06	134.56	136.34	136.64	166.46	138.61
37. COAL (\$/TON)	63.80	62.61	82.09	65.02	65.18	58.77
38. NATURAL GAS (\$/MCF)	5.49	7.24	6.00	6.43	8.99	10.45
39. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)						
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	22.66	23.08	23.39	23.44	28.48	23.78
43. COAL	2.76	2.78	3.60	2.96	2.93	2.62
44. NATURAL GAS	5.38	7.10	5.88	6.31	8.64	9.95
45. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL (\$/MMBTU)	5.17	6.48	5.59	6.12	7.96	9.04
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	63,294	13,288	25,029	11,413	17,952	17,139
50. COAL	10,934	10,169	11,104	9,584	11,241	11,566
51. NATURAL GAS	7,648	7,626	7,605	7,480	7,629	7,327
52. SOLAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	7,450	7,405	7,339	6,904	7,147	7,030
GENERATED FUEL COST PER KWH (CENTS/KWH)						
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	143.45	30.67	58.54	26.76	51.13	40.76
57. COAL	3.02	2.83	3.99	2.83	3.29	3.03
58. NATURAL GAS	4.11	5.41	4.47	4.72	6.59	7.29
59. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	3.85	4.80	4.10	4.22	5.69	6.36

TAMPA ELECTRIC COMPANY
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 ACTUAL FOR THE PERIOD: JULY 2022 THROUGH DECEMBER 2022

SCHEDULE E3

	Actual						TOTAL
	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
FUEL COST OF SYSTEM NET GENERATION (\$)							
1. HEAVY OIL	0	0	0	0	0	0	0
2. LIGHT OIL	63,117	36,820	88,703	35,454	22,433	35,859	2,550,922
3. COAL	5,456,171	6,804,295	2,390,609	62,753	2,552,456	7,716,815	49,771,328
4. NATURAL GAS	113,644,965	152,415,465	115,850,186	82,857,001	66,003,962	77,147,102	1,067,910,562
5. SOLAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	119,164,253	159,256,580	118,329,498	82,955,208	68,578,851	84,899,776	1,120,232,813
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	153	65	245	120	0	52	6,171
10. COAL	131,107	150,032	45,130	(1,336)	32,739	192,339	1,319,238
11. NATURAL GAS	1,626,527	1,665,563	1,416,330	1,398,977	1,335,289	1,275,533	17,082,912
12. SOLAR	176,825	143,426	102,571	106,495	75,992	86,065	1,491,936
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	1,934,612	1,959,086	1,564,276	1,504,256	1,444,020	1,553,989	19,900,257
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	455	266	640	255	162	259	18,731
17. COAL (TON)	67,860	82,511	24,431	0	16,612	90,150	651,985
18. NATURAL GAS (MCF)	12,162,710	11,927,972	10,623,228	9,997,372	10,054,664	8,917,289	125,009,105
19. SOLAR	0	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
21. HEAVY OIL	0	0	0	0	0	0	0
22. LIGHT OIL	2,654	1,548	3,730	1,491	943	1,508	109,189
23. COAL	1,563,414	1,913,430	565,576	0	383,305	2,081,218	14,858,003
24. NATURAL GAS	12,435,147	12,250,027	10,911,143	10,243,312	10,257,095	9,148,773	128,355,240
25. SOLAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	14,001,215	14,165,005	11,480,448	10,244,802	10,641,344	11,231,499	143,322,432
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29. LIGHT OIL	0.01%	0.00%	0.02%	0.01%	0.00%	0.00%	0.03%
30. COAL	6.78%	7.66%	2.89%	-0.09%	2.27%	12.38%	6.63%
31. NATURAL GAS	84.08%	85.02%	90.54%	93.00%	92.47%	82.08%	85.84%
32. SOLAR	9.14%	7.32%	6.56%	7.08%	5.26%	5.54%	7.50%
33. OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34. TOTAL (%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT							
35. HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL (\$/BBL)	138.72	138.42	138.60	139.04	138.48	138.45	136.19
37. COAL (\$/TON)	80.40	82.47	97.85	0.00	153.65	85.60	76.34
38. NATURAL GAS (\$/MCF)	9.34	12.78	10.91	8.29	6.56	8.65	8.54
39. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)							
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	23.78	23.79	23.78	23.78	23.79	23.78	23.36
43. COAL	3.49	3.56	4.23	0.00	6.66	3.71	3.35
44. NATURAL GAS	9.14	12.44	10.62	8.09	6.43	8.43	8.32
45. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL (\$/MMBTU)	8.51	11.24	10.31	8.10	6.44	7.56	7.82
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	17,346	23,815	15,224	12,425	0	29,000	17,694
50. COAL	11,925	12,753	12,532	0	11,708	10,821	11,263
51. NATURAL GAS	7,645	7,355	7,704	7,322	7,682	7,173	7,514
52. SOLAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	7,237	7,230	7,339	6,811	7,369	7,228	7,202
GENERATED FUEL COST PER KWH (CENTS/KWH)							
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	41.25	56.65	36.21	29.55	0.00	68.96	41.34
57. COAL	4.16	4.54	5.30	(4.70)	7.80	4.01	3.77
58. NATURAL GAS	6.99	9.15	8.18	5.92	4.94	6.05	6.25
59. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	6.16	8.13	7.56	5.51	4.75	5.46	5.63

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SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: January 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) (2)	AS BURNED FUEL COST (\$ (1))	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	207	17.4	-	51.5	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	2,420	16.9	-	35.8	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	157	14.1	-	34.9	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	9,346	17.9	-	44.4	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	9,608	17.4	-	43.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	10,175	18.4	-	45.6	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.8	7,649	16.9	-	43.2	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	54.8	7,008	17.2	-	43.2	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	4,341	15.6	-	37.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	6,065	16.5	-	40.8	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.4	3,489	6.3	-	15.5	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	3,991	7.2	-	18.2	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	6,340	14.3	-	34.0	-	SOLAR	-	-	-	-	-	-
ESA CANDOPY SOLAR	0.0	68	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	5	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	5,718	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	564	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	24.9	1,917	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	52.3	789	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	879.7	79,857	16.5	-	31.0	0	SOLAR	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	350	(344)	0.0	98.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 6 CT	350	7,821	2.9	100.0	56.2	10,538	GAS	77,554	77,554	792,600	425,705	5.66	5.49
BIG BEND #1 CC TOTAL	700	7,477	1.4	99.4	28.8	11,044	GAS	77,554	0	792,600	425,705	5.93	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	400	0	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	355	103,754	39.3	78.9	61.6	11,861	GAS	1,204,126	1,204,126	1,230,616.6	6,609,652	6.37	5.49
BIG BEND #3 TOTAL	355	103,754	39.3	78.9	61.6	11,861	GAS	1,204,126	1,204,126	1,230,616.6	6,609,652	6.37	-
B.B.#4 (COAL)	432	0	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
B.B.#4 (GAS)	420	29,687	9.5	60.4	42.8	10,759	GAS	316,472	316,472	323,434.4	1,737,169	5.85	5.49
BIG BEND #4 TOTAL	432	120,227	37.4	60.4	58.9	10,759	GAS	316,472	316,472	323,434.4	1,737,169	5.85	-
B.B. IGNITION	-	-	-	-	-	-	-	-	-	-	-	-	-
BIG BEND CT#4 TOTAL	61	140	0.3	99.3	54.6	26,481	GAS	3,627	0	3,707.3	19,912	14.22	5.49
BIG BEND STATION TOTAL	1,546	231,298	0.0	0.0	30.6	11,271	COAL	-	-	2,697,064.1	11,527,324	4.98	-
POLK #1 GASIFIER	220	(1,823)	-	-	-	-	-	-	-	-	-	-	-
POLK #1 CT (GAS)	180	(355)	0.0	0.0	0.0	0	COAL	-	-	-	-	-	-
POLK #1 ST	50	(646)	0.0	0.0	0.0	0	GAS	-	-	-	-	-	-
POLK #1 TOTAL	230	(2,624)	0.0	0.0	0.0	0	GAS	9,660	0	53,028	0	0.00	0.00
POLK #2 ST DUCT FIRING	480	17,926	5.0	-	20.9	8,400	GAS	147,339	147,339	150,560.7	806,770	4.51	5.49
POLK #2 ST W/O DUCT FIRING	341	231,131	91.1	-	-	-	-	-	-	-	-	-	-
POLK #2 TOTAL	480	249,057	69.7	99.9	20.9	-	GAS	147,339	147,339	150,560.7	806,770	4.51	-
POLK #2 CT (GAS)	180	106,123	79.2	100.0	82.5	11,030	GAS	1,145,371	1,145,371	1,170,569.4	6,287,138	5.92	5.49
POLK #2 CT (OIL)	187	26	0.0	100.0	24.1	66,210	LGT.OIL	294	294	1,711.3	38,780	149.15	132.11
POLK #2 TOTAL	180	106,149	79.3	100.0	82.5	11,044	GAS	1,145,371	1,145,371	1,172,280.7	6,325,918	5.96	-
POLK #3 CT (GAS)	180	102,111	76.3	100.0	83.3	10,900	GAS	1,089,020	1,089,020	1,112,978.0	5,977,814	5.85	5.49
POLK #3 CT (OIL)	187	25	0.0	100.0	29.9	60,151	LGT.OIL	260	260	1,517.2	34,382	137.53	132.11
POLK #3 TOTAL	180	102,136	76.3	100.0	83.3	10,912	GAS	1,089,020	1,089,020	1,114,495.2	6,012,196	5.89	-
POLK #4 TOTAL	180	100,794	75.3	99.2	83.5	10,762	GAS	1,061,427	1,061,427	1,084,787.7	5,826,356	5.78	5.49
POLK #5 TOTAL	180	102,696	76.7	99.9	83.5	10,514	GAS	1,056,458	1,056,458	1,079,700.2	5,799,078	5.65	5.49
POLK #6 TOTAL	1,200	680,832	0.0	0.0	0.0	6,964	GAS	-	-	4,601,935.5	24,772,318	3.75	-
POLK #7 TOTAL	1,430	650,005	61.9	83.8	61.9	6,994	GAS	-	-	4,601,935.5	24,772,318	3.76	-

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SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: January 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/kWh)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	243	82,115	45.4	85.3	53.1	-	-	-	-	-	-	-	-
BAYSIDE CT1A	183	51,939	38.2	85.0	68.1	11,667	GAS	592,910	592,910	605,953.8	3,254,583	6.27	5.49
BAYSIDE CT1B	183	59,835	44.0	85.5	73.4	11,382	GAS	666,360	666,360	681,040.6	3,657,875	6.11	5.49
BAYSIDE CT1C	183	39,496	29.0	86.1	68.6	11,343	GAS	438,347	438,347	447,991.1	2,406,162	6.09	5.49
BAYSIDE UNIT 1 TOTAL	792	233,385	39.6	85.5	46.3	7,434	GAS	1,697,637	1,697,637	1,724,985.4	9,316,620	3.99	5.49
BAYSIDE ST 2	315	134,422	57.4	96.2	57.4	-	-	-	-	-	-	-	-
BAYSIDE CT2A	183	88,338	50.2	97.8	70.6	11,192	GAS	748,403	748,403	764,867.9	4,108,112	6.01	5.49
BAYSIDE CT2B	183	87,142	49.3	92.3	70.0	11,570	GAS	760,129	760,129	776,851.4	4,172,475	6.21	5.49
BAYSIDE CT2C	183	51,147	37.6	96.7	69.1	11,545	GAS	577,797	577,797	590,508.9	3,171,627	6.20	5.49
BAYSIDE CT2D	183	67,538	49.6	97.7	70.1	11,429	GAS	755,279	755,279	771,894.9	4,145,853	6.14	5.49
BAYSIDE UNIT 2 TOTAL	1,047	388,597	49.9	96.2	49.9	7,474	GAS	2,841,608	2,841,608	2,904,123.1	15,898,067	4.01	5.49
BAYSIDE UNIT 3 TOTAL	61	314	0.7	100.0	85.6	11,019	GAS	3,388	3,388	3,482.6	18,597	5.92	5.49
BAYSIDE UNIT 4 TOTAL	61	351	0.8	100.0	83.3	11,104	GAS	3,814	3,814	3,988.1	20,937	5.96	5.49
BAYSIDE UNIT 5 TOTAL	61	292	0.6	100.0	83.0	11,171	GAS	3,187	3,187	3,257.2	17,495	5.99	5.49
BAYSIDE UNIT 6 TOTAL	61	483	1.1	92.2	76.2	11,231	GAS	5,309	5,309	5,426.0	29,143	6.03	5.49
BAYSIDE STATION TOTAL	2,083	623,412	40.2	92.3	40.2	7,467	GAS	4,554,944	4,554,944	4,655,162.4	25,002,889	4.01	5.49
SYSTEM	5,941	1,592,575	42.7	71.6	48.6	7,450	-	-	-	11,864,952.0	61,302,591	3.85	-

Footnotes:
⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

LEGEND:
 CC = COMBINED CYCLE
 ST = STEAM TURBINE

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

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SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: February 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) (2)	AS BURNED FUEL COST (\$) (1)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	222	20.6	-	52.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	2,682	20.1	-	41.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	171	17.0	-	41.2	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	10,312	22.1	-	51.1	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	10,516	21.3	-	49.0	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	11,195	22.6	-	51.6	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.8	8,834	21.8	-	50.3	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	54.8	7,699	21.1	-	48.6	-	SOLAR	-	-	-	-	-	-
BONNIE WINE SOLAR	37.4	4,745	19.0	-	42.4	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	6,579	20.1	-	45.9	-	SOLAR	-	-	-	-	-	-
WIMAJIMA SOLAR	74.4	8,630	17.4	-	39.1	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	5,105	10.4	-	23.9	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	6,827	17.1	-	37.9	-	SOLAR	-	-	-	-	-	-
ESK CANOPY SOLAR	0.0	80	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	(4)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	9,379	18.9	-	41.8	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	3	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	24.9	2,595	15.1	-	33.4	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	52.3	686	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	1.0	130	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAGE SOLAR	1.0	0.0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	879.7	96,188	22.0	-	21.8	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	0	0	0.0	0.0	0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	350	1,878	0.8	97.5	50.1	12,883	GAS	23,665	23,665	24,137.8	171,228	9.12	7.24
BIG BEND 6 CT	350	6,675	2.8	100.0	60.7	9,959	GAS	64,194	64,194	65,477.7	464,482	7.06	7.24
BIG BEND #1 CC TOTAL	700	8,453	1.8	98.8	39.0	10,602	GAS	87,858	0	89,615.5	635,710	7.52	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	355	93,045	39.0	72.0	49.2	-	GAS	1,089,234	1,089,234	1,111,019.1	7,681,303	8.47	7.24
BIG BEND #3 TOTAL	355	93,045	39.0	72.0	49.2	11,941	-	-	-	1,111,019.1	7,681,303	8.47	-
B.B.#4 (COAL)	432	161,856	55.8	68.6	77.6	-	COAL	72,372	72,372	1,830,742.5	4,530,876	2.80	62.61
B.B.#4 (GAS)	420	1,128	0.4	68.6	9.6	-	GAS	11,287	11,287	11,513.1	81,671	7.24	7.24
BIG BEND #4 TOTAL	432	162,984	56.1	68.6	75.2	10,076	-	-	-	1,842,255.6	4,612,547	2.83	-
B.B. IGNITION	61	11	0.0	77.5	14.7	87,909	GAS	948	0	967.0	6,860	62.36	7.24
BIG BEND CT #4 TOTAL	61	11	0.0	77.5	14.7	10,752	-	-	-	2,843,857.2	13,175,634	4.98	-
BIG BEND STATION TOTAL	1,548	264,493	0.0	0.0	32.1	10,752	-	-	-	-	-	-	-
POLK #1 GASIFIER	220	(1,494)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	180	(313)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
POLK #1 ST	50	(545)	0.0	0.0	0.0	-	-	-	-	-	-	-	-
POLK #1 TOTAL	230	(2,352)	0.0	0.0	0.0	0	-	-	-	0.0	0	0.00	-
POLK #2 ST DUCT FIRING	480	12,551	3.9	-	17.4	8,400	GAS	103,359	103,359	105,426.0	747,866	5.96	7.24
POLK #2 ST W/O DUCT FIRING	341	186,330	81.7	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	198,881	81.7	98.9	17.4	-	GAS	103,359	103,359	105,426.0	747,866	0.38	-
POLK #2 CT (GAS)	180	35,202	29.2	68.2	79.2	11,010	GAS	379,979	379,979	387,578.8	2,749,391	7.61	7.24
POLK #2 CT (OIL)	187	2,469	2.0	66.2	61.1	13,251	LGT.OIL	5,681	5,681	33,119.3	764,517	30.59	134.57
POLK #2 TOTAL	180	37,701	31.2	66.2	79.2	11,159	-	-	-	420,698.1	3,513,908	9.32	-
POLK #3 CT (GAS)	180	95,383	78.9	100.0	82.0	10,803	GAS	1,010,229	1,010,229	1,030,433.9	7,309,651	7.66	7.24
POLK #3 CT (OIL)	187	34	0.0	100.0	28.4	16,004	LGT.OIL	92	92	538.9	12,441	36.59	134.57
POLK #3 TOTAL	180	95,417	78.9	100.0	82.0	10,805	-	-	-	1,030,972.9	7,322,092	7.67	-
POLK #4 TOTAL	180	97,296	80.4	100.0	82.5	10,631	GAS	1,014,115	1,014,115	1,034,397.0	7,337,765	7.54	7.24
POLK #5 TOTAL	180	98,946	81.7	100.0	82.8	10,699	GAS	1,036,846	1,036,846	1,057,563.4	7,502,243	7.59	7.24
POLK #2 CC TOTAL	1,200	528,141	65.5	94.9	65.5	6,909	GAS	1,036,846	-	3,649,077.2	26,423,874	5.00	-
POLK STATION TOTAL	1,430	555,789	54.7	79.6	54.7	6,940	-	-	-	3,649,077.2	26,423,874	5.03	-

SCHEDULE A4
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SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: February 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST1	243	88,314	54.1	100.0	54.1	-	-	-	-	-	-	-	-
BAYSIDE CT1A	183	50,222	40.8	100.0	67.9	11,762	GAS	579,119	579,119	590,701.1	4,190,291	8.34	7.24
BAYSIDE CT1B	183	51,458	41.8	100.0	69.8	11,663	GAS	588,381	588,381	600,148.2	4,257,306	8.27	7.24
BAYSIDE CT1C	183	59,135	48.1	100.0	69.9	11,367	GAS	658,993	658,993	672,173.3	4,768,238	8.06	7.24
BAYSIDE UNIT 1 TOTAL	792	249,129	46.8	100.0	46.8	7,478	GAS	1,826,493	1,826,493	1,863,022.5	13,215,835	5.30	7.24
BAYSIDE ST2	315	94,912	44.8	96.5	45.0	-	-	-	-	-	-	-	-
BAYSIDE CT2A	183	40,857	33.2	100.0	70.4	11,308	GAS	452,950	452,950	462,009.2	3,277,382	8.02	7.24
BAYSIDE CT2B	183	50,538	41.1	100.0	69.9	11,636	GAS	576,523	576,523	588,053.0	4,171,507	8.25	7.24
BAYSIDE CT2C	183	38,005	30.9	92.7	69.3	11,617	GAS	432,833	432,833	441,489.6	3,131,821	8.24	7.24
BAYSIDE CT2D	183	51,661	42.0	94.2	68.8	11,591	GAS	587,077	587,077	598,819.0	4,247,877	8.22	7.24
BAYSIDE UNIT 2 TOTAL	1,047	275,973	39.2	96.7	39.4	7,575	GAS	2,049,383	2,049,383	2,090,370.8	14,828,587	5.37	7.24
BAYSIDE UNIT 3 TOTAL	61	134	0.3	100.0	82.2	11,081	GAS	1,460	1,460	1,489.0	10,563	7.88	7.24
BAYSIDE UNIT 4 TOTAL	61	675	1.7	100.0	83.8	11,024	GAS	7,293	7,293	7,438.1	52,771	7.82	7.24
BAYSIDE UNIT 5 TOTAL	61	500	1.2	100.0	82.7	11,133	GAS	5,458	5,458	5,587.6	39,495	7.90	7.24
BAYSIDE UNIT 6 TOTAL	61	604	1.5	87.1	77.8	11,190	GAS	6,623	6,623	6,755.9	47,924	7.93	7.24
BAYSIDE UNIT 7 TOTAL	2,083	527,015	37.7	97.9	37.7	7,542	GAS	3,896,711	3,896,711	3,974,644.9	28,195,175	5.35	7.24
SYSTEM	5,941	1,413,492	38.8	62.8	38.0	7,405	-	-	-	10,467,579.3	67,794,684	4.80	-

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

Footnotes:
⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

CC = COMBINED CYCLE
 ST = STEAM TURBINE

⁽⁴⁾ Consists of fixed costs and aerial survey adjustment

SCHEDULE A4
 PAGE TOP 2

SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: March 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) (2)	AS BURNED FUEL COST (\$ (1))	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	281	20.6	-	57.0	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	3,576	20.1	-	51.6	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	234	17.0	-	44.4	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	14,204	22.1	-	57.7	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	14,003	21.3	-	54.1	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	14,529	22.6	-	56.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.8	11,727	21.8	-	55.7	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	54.8	10,632	21.1	-	55.8	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	6,520	19.0	-	47.5	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	9,173	20.1	-	53.5	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.4	11,735	17.4	-	46.7	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	7,425	10.4	-	29.1	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	8,500	17.1	-	38.9	-	SOLAR	-	-	-	-	-	-
ESA CANDOPY SOLAR	0.0	104	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	(7)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	15,145	18.9	-	56.5	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	532	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	24.9	4,508	15.1	-	50.6	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	52.3	2,158	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	1.0	93	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	1.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	879.7	135,072	22.0	-	27.3	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0	0	0.00	0.00
BIG BEND 5 CT	350	75,022	28.9	100.0	76.4	8,786	GAS	646,226	646,226	659,160.0	3,876,462	5.17	6.00
BIG BEND 6 CT	350	63,774	24.5	100.0	73.7	8,952	GAS	559,699	559,699	570,892.6	3,357,426	5.26	6.00
BIG BEND #1 CC TOTAL	700	138,796	26.7	100.0	70.7	8,862	GAS	1,205,924	0	1,230,042.6	7,233,882	5.21	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0	0	0.00	0.00
B.B.#5 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0	0	0.00	0.00
B.B.#2 (GAS)	355	0	0.0	0.0	0.0	-	GAS	0	0	0	0	0.00	0.00
BIG BEND #3 TOTAL	355	0	0.0	0.0	0.0	0	GAS	0	0	0	0	0.00	0.00
B.B.#1 (COAL)	432	167,861	52.3	84.4	58.4	-	COAL	80,814	80,814	1,844,277.5	6,654,174	3.95	82.09
B.B.#4 (GAS)	420	4,613	1.5	84.4	15.3	-	GAS	50,337	50,337	51,944.0	301,954	6.55	6.00
BIG BEND #4 TOTAL	432	172,474	53.7	84.4	58.3	10,991	-	1,725	0	1,895,821.5	6,936,128	4.02	-
B.B. IGNITION	61	313	0.7	90.0	49.1	18,988	GAS	5,827	0	5,943.4	34,953	11.17	6.00
BIG BEND STATION TOTAL	1,548	311,693	0.0	0.0	29.4	10,051	-	-	-	3,151,807.5	14,215,309	4.56	-
POLK #1 GASIFIER	220	(1,771)	-	-	-	-	COAL	209,194	209,194	213,377.9	1,254,876	5.28	6.00
POLK #1 CT (GAS)	180	17,916	13.4	77.9	58.5	11,909	GAS	61,208	61,208	62,431.9	367,162	0.00	6.00
POLK #1 ST	50	5,857	15.8	72.6	79.1	9,697	-	-	-	-	-	-	-
POLK #1 TOTAL	230	22,004	12.9	76.8	60.7	9,697	-	-	-	213,377.9	1,254,876	5.70	-
POLK #2 ST DUCT FIRING	480	0	0.0	-	0.0	0	GAS	61,208	61,208	62,431.9	367,162	0.00	6.00
POLK #2 ST W/O DUCT FIRING	341	105,673	41.7	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	105,673	28.6	49.7	0.0	-	GAS	-	-	62,431.9	367,162	0.35	-
POLK #2 CT (GAS)	180	57,631	43.1	100.0	76.5	11,224	GAS	634,161	634,161	646,864.5	3,864,211	6.60	6.00
POLK #2 CT (OIL)	187	40	0.0	100.0	20.8	36,747	LGT.OIL	251	251	1,461.9	34,192	85.48	136.34
POLK #2 TOTAL	180	57,671	43.1	100.0	76.5	11,242	-	-	-	648,326.5	3,838,403	6.66	-
POLK #3 CT (GAS)	180	46,154	35.9	98.5	75.9	11,186	GAS	506,131	506,131	516,233.8	3,026,089	6.58	6.00
POLK #3 CT (OIL)	187	1,861	1.3	98.5	48.5	24,776	LGT.OIL	7,911	7,911	46,119.4	1,076,645	57.96	136.34
POLK #3 TOTAL	180	48,015	35.9	98.5	75.9	11,712	-	-	-	562,373.2	4,114,734	8.57	-
POLK #4 TOTAL	180	44,797	33.5	74.3	76.2	10,938	GAS	480,389	480,389	489,996.5	2,881,670	6.43	6.00
POLK #5 TOTAL	180	46,460	34.7	90.3	78.5	11,033	GAS	502,528	502,528	512,578.3	3,014,474	6.49	6.00
POLK #5 CC TOTAL	1,200	302,616	35.9	74.4	60.2	7,520	GAS	-	-	2,275,065	14,216,443	4.70	-
POLK STATION TOTAL	1,430	324,620	30.5	74.8	54.2	7,668	-	-	-	2,499,084.4	15,471,319	4.77	-

SCHEDULE A4
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SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: March 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	243	102,041	56.5	73.7	57.4	-	-	-	-	-	-	-	-
BAYSIDE CT1A	183	60,602	44.6	75.6	71.0	11,488	GAS	682,531	882,531	686,181.7	4,094,244	6.76	6.00
BAYSIDE CT1B	183	70,440	51.8	87.1	72.0	11,446	GAS	790,453	790,453	806,662.3	4,741,629	6.73	6.00
BAYSIDE CT1C	183	56,655	41.7	67.0	68.4	11,330	GAS	629,299	629,299	641,885.4	3,774,930	6.66	6.00
BAYSIDE UNIT 1 TOTAL	792	289,738	49.2	75.7	50.0	7,401	GAS	2,102,284	2,102,284	2,144,329.4	12,610,803	4.35	6.00
BAYSIDE ST 2	315	169,109	72.3	96.0	72.3	-	-	-	-	-	-	-	-
BAYSIDE CT2A	183	81,866	60.3	100.0	72.5	11,073	GAS	889,813	889,813	907,609.6	5,337,652	6.51	6.00
BAYSIDE CT2B	183	83,136	61.1	100.0	72.4	11,354	GAS	925,386	925,386	943,893.8	5,551,040	6.68	6.00
BAYSIDE CT2C	183	71,615	52.7	83.8	72.2	11,340	GAS	796,211	796,211	812,135.0	4,776,167	6.67	6.00
BAYSIDE CT2D	183	83,201	61.2	100.0	72.6	11,280	GAS	920,106	920,106	938,507.7	5,519,365	6.63	6.00
BAYSIDE UNIT 2 TOTAL	1,047	489,027	62.8	96.0	62.9	7,366	GAS	3,631,516	3,631,516	3,602,146.2	21,184,224	4.33	6.00
BAYSIDE UNIT 3 TOTAL	61	140	0.3	80.6	81.8	11,128	GAS	1,524	1,524	1,554.8	9,144	6.53	6.00
BAYSIDE UNIT 4 TOTAL	61	508	1.1	99.6	85.5	10,934	GAS	5,443	5,443	5,552.3	32,653	6.43	6.00
BAYSIDE UNIT 5 TOTAL	61	873	1.9	99.8	86.4	10,997	GAS	9,412	9,412	9,599.8	56,466	6.47	6.00
BAYSIDE UNIT 6 TOTAL	61	805	1.8	99.7	84.4	11,062	GAS	8,725	8,725	8,899.6	52,338	6.50	6.00
BAYSIDE STATION TOTAL	2,083	781,091	50.4	88.2	50.5	7,390	GAS	5,658,904	5,658,904	5,772,082.1	33,945,618	4.35	6.00
SYSTEM	5,941	1,552,363	36.8	57.4	42.0	7,339	-	-	-	11,392,774.0	63,632,248	4.10	-

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

FOOTNOTES:
⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

⁽⁴⁾ Consists of fixed costs and aerial survey adjustment

SCHEDULE A4
 PAGE TOP 2

SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: April 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) (2)	AS BURNED FUEL COST (\$ (1))	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	285	24.7	-	54.3	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	3,513	25.3	-	51.0	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	252	23.3	-	47.7	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	14,565	28.9	-	59.4	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	14,095	26.4	-	54.7	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	15,208	28.4	-	59.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.8	12,310	28.1	-	57.8	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	54.8	11,213	28.4	-	58.6	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	6,617	24.6	-	48.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	10,032	28.2	-	58.0	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.4	13,553	25.3	-	51.5	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	7,888	14.7	-	30.2	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	8,613	20.0	-	40.1	-	SOLAR	-	-	-	-	-	-
ESA CANDOPY SOLAR	0.0	98	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	(9)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	15,288	28.6	-	58.5	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	3,338	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	24.9	5,598	30.7	-	59.1	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	52.3	7,192	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	1.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	1.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	879.7	149,573	31.9	-	57.0	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	330	45,894	19.3	100.0	74.1	9,407	GAS	423,265	423,265	431,730.4	2,722,037	5.93	6.43
BIG BEND 6 CT	330	39,573	16.7	100.0	71.2	9,604	GAS	372,609	372,609	380,060.9	2,396,263	6.06	6.43
BIG BEND #1 CC TOTAL	660	85,467	18.0	100.0	68.9	9,498	GAS	795,874	0	811,791.3	5,119,300	5.99	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#2 (GAS)	345	0	0.0	63.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	345	0	0.0	63.0	0.0	0	-	-	-	-	-	-	-
B.B.#4 (COAL)	422	73,766	24.3	37.9	64.7	-	COAL	31,741	31,741	697,739.2	2,063,664	2.80	65.02
B.B.#4 (GAS)	410	3,059	1.0	37.9	11.8	-	GAS	28,738	28,738	29,312.9	184,816	6.04	6.43
BIG BEND #4 TOTAL	422	76,825	25.3	37.9	62.7	9,464	-	2,988	0	727,052.1	2,246,480	2.93	-
B.B.#5 (IGNITION)	56	253	0.6	98.7	28.5	27,154	GAS	6,735	0	6,870.0	43,315	17.12	6.43
BIG BEND CT #4 TOTAL	1,483	162,545	15.2	73.7	37.8	9,509	-	-	-	1,545,713.4	7,429,309	4.57	-
BIG BEND STATION TOTAL	220	(1,221)	-	-	-	-	COAL	815,085	815,085	831,386.6	5,241,847	5.54	6.43
POLK #1 GASIFIER	152	68,401	62.5	92.8	67.6	12,155	GAS	1,075,582	1,075,582	1,097,094.1	6,917,119	6.96	6.43
POLK #1 CT (GAS)	50	26,161	72.7	91.6	79.8	-	-	72	72	418.7	9,816	44.62	136.66
POLK #1 ST	202	83,341	64.2	92.5	70.3	8,907	-	-	-	831,386.6	5,241,847	5.62	-
POLK #1 TOTAL	461	0	0.0	-	0.0	0	GAS	175,496	175,496	179,055.5	1,128,620	0.00	6.43
POLK #2 ST DUCT FIRING	341	239,071	97.4	-	-	-	-	-	-	-	-	-	-
POLK #2 ST W/O DUCT FIRING	461	239,071	72.0	100.0	0.0	-	GAS	1,075,582	1,075,582	1,097,094.1	6,917,119	6.96	6.43
POLK #2 CT (GAS)	150	99,415	92.1	100.0	95.7	11,035	GAS	1,088,246	1,088,246	1,098,611.3	6,869,940	6.99	6.43
POLK #2 CT (OIL)	159	22	0.0	100.0	95.7	16,630	LGT.OIL	1,706	1,706	9,944.7	23,122	26.31	136.66
POLK #2 TOTAL	150	99,437	92.1	100.0	95.7	11,037	-	-	-	1,097,512.8	6,926,935	6.97	-
POLK #3 CT (GAS)	150	98,312	91.9	97.4	96.3	11,083	GAS	1,088,246	1,088,246	1,098,611.3	6,869,940	6.99	6.43
POLK #3 CT (OIL)	159	896	0.8	100.0	95.8	11,223	LGT.OIL	1,706	1,706	9,944.7	23,122	26.31	136.66
POLK #3 TOTAL	150	99,198	91.9	97.4	96.3	11,084	-	-	-	1,099,555.9	7,100,062	7.16	-
POLK #4 TOTAL	150	93,199	86.3	90.8	97.6	10,907	GAS	986,572	986,572	1,016,933.0	6,408,996	6.88	6.43
POLK #5 TOTAL	150	80,932	74.9	84.2	97.9	10,881	GAS	862,894	862,894	880,151.6	5,549,308	6.86	6.43
POLK #5 CC TOTAL	1,061	611,797	80.1	96.1	80.1	6,984	GAS	-	-	4,272,288	27,116,921	4.43	-
POLK STATION TOTAL	1,263	705,138	77.5	95.5	77.5	7,238	-	-	-	5,104,154	32,356,768	4.59	-

SCHEDULE A4
 PAGE 2 OF 2

SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: April 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/kWh)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	116,813	69.6	95.9	69.6	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	69,825	62.2	100.0	80.8	11,595	GAS	793,747	793,747	899,822.3	5,104,625	7.31	6.43
BAYSIDE CT1B	156	68,097	60.6	87.1	79.8	11,643	GAS	777,206	777,206	792,750.0	4,996,246	7.34	6.43
BAYSIDE CT1C	156	75,956	67.6	100.0	80.9	11,292	GAS	840,861	840,861	857,678.1	5,407,613	7.12	6.43
BAYSIDE UNIT 1 TOTAL	701	330,681	65.5	95.8	65.5	7,439	GAS	2,411,814	2,411,814	2,460,050.4	15,510,484	4.69	6.43
BAYSIDE ST 2	305	112,821	51.4	79.9	51.4	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	50,723	45.2	79.0	80.0	11,348	GAS	564,308	564,308	575,594.6	3,620,092	7.15	6.43
BAYSIDE CT2B	156	54,020	48.1	80.8	79.2	11,600	GAS	614,351	614,351	626,637.6	3,950,916	7.31	6.43
BAYSIDE CT2C	156	50,775	45.2	80.9	79.5	11,653	GAS	580,089	580,089	591,690.9	3,730,579	7.35	6.43
BAYSIDE CT2D	156	53,147	47.3	80.0	80.6	11,575	GAS	603,112	603,112	615,174.1	3,875,640	7.30	6.43
BAYSIDE UNIT 2 TOTAL	929	321,486	48.1	80.1	48.1	7,494	GAS	2,361,860	2,361,860	2,409,097.2	15,189,227	4.72	6.43
BAYSIDE UNIT 3 TOTAL	56	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 4 TOTAL	56	311	0.8	76.2	88.5	11,392	GAS	3,472	3,472	3,541.0	23,326	7.18	6.43
BAYSIDE UNIT 5 TOTAL	56	531	1.3	81.6	90.4	11,460	GAS	5,969	5,969	6,088.0	38,384	7.23	6.43
BAYSIDE UNIT 6 TOTAL	56	537	1.3	82.3	88.3	11,569	GAS	6,084	6,084	6,206.0	39,128	7.29	6.43
BAYSIDE STATION TOTAL	1,954	653,546	48.0	86.7	49.0	7,475	GAS	4,789,199	4,789,199	4,884,922.5	30,799,549	4.71	6.43
SYSTEM	5,480	1,670,801	44.2	84.9	56.9	6,904				11,534,811.3	70,887,628	4.22	

Footnotes:
⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

LEGEND:
 CC = COMBINED CYCLE
 ST = STEAM TURBINE
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

⁽⁴⁾ Consists of fixed costs and aerial survey adjustment

SCHEDULE A4
 PAGE TOP 2

SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: May 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) (2)	AS BURNED FUEL COST (\$ (1))	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	323	27.1	-	55.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	4,167	28.0	-	51.9	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	277	24.8	-	48.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	15,955	28.4	-	57.3	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	15,742	28.5	-	54.8	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	17,641	31.9	-	60.9	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.8	13,939	30.8	-	59.9	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	54.8	12,340	30.3	-	58.6	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	7,188	25.8	-	47.5	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	11,215	30.5	-	58.8	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.4	14,858	28.8	-	50.2	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	11,096	20.1	-	39.2	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	10,432	23.4	-	43.5	-	SOLAR	-	-	-	-	-	-
ESA CANDOPY SOLAR	0.0	125	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	(8)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	14,711	28.6	-	47.7	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	0.0	11,382	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	24.9	7,620	41.1	-	73.6	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	0.0	11,461	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	0.0	52	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	751.1	179,936	32.2	-	50.2	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	330	26,471	10.8	54.9	66.5	9,508	GAS	241,553	241,553	251,697.9	2,172,133	8.21	8.99
BIG BEND 6 CT	330	33,422	13.6	63.7	67.2	9,538	GAS	305,930	305,930	318,793.3	2,751,040	8.23	8.99
BIG BEND #1 CC TOTAL	660	59,893	12.2	59.3	66.3	9,525	GAS	547,483	0	570,477.3	4,923,173	8.22	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#2 (GAS)	345	36,091	14.1	60.8	35.6	-	GAS	429,816	429,816	447,868.5	3,865,070	10.71	8.99
BIG BEND #3 TOTAL	345	36,091	14.1	60.8	35.6	12,409	-	429,816	429,816	447,868.5	3,865,070	10.71	-
B.B.#4 (COAL)	422	139,156	44.3	91.1	48.8	-	COAL	69,693	66,625	1,551,140.9	4,542,253	3.26	65.18
B.B.#4 (GAS)	410	21,961	7.2	91.1	15.0	-	GAS	228,008	228,008	237,394.5	2,050,335	9.34	8.99
BIG BEND #4 TOTAL	422	161,117	51.3	91.1	52.0	10,683	-	14,434	0	1,788,725.4	6,592,588	4.09	-
B.B. IGNITION	56	(8)	0.0	98.9	0.0	0	GAS	982	0	1,023.2	8,830	(98.11)	8.99
BIG BEND CT#4 TOTAL	1,483	257,092	23.3	74.8	23.6	10,660	-	-	-	2,808,094.4	15,519,451	6.04	-
BIG BEND STATION TOTAL	220	(1,172)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 GASIFIER	152	73,201	64.7	96.6	66.2	12,119	GAS	851,364	851,364	887,121.0	7,655,783	7.50	8.99
POLK #1 CT (GAS)	50	28,898	77.6	96.5	79.5	-	-	-	-	-	-	-	-
POLK #1 ST	202	100,897	67.1	96.6	69.5	8,792	-	-	-	-	-	-	-
POLK #1 TOTAL	461	0	0.0	-	0.0	0	-	102,473	102,473	106,777.0	921,477	0.00	8.99
POLK #2 ST DUCT FIRING	341	184,148	72.6	-	-	-	-	-	-	-	-	-	-
POLK #2 ST W/O DUCT FIRING	461	184,148	53.7	78.6	0.0	-	GAS	-	-	106,777.0	921,477	0.50	-
POLK #2 ST TOTAL	150	63,579	57.0	69.0	91.1	11,156	GAS	680,662	680,662	709,281.0	6,121,038	9.63	8.99
POLK #2 CT (GAS)	159	18	0.0	19,354	25.0	-	LGT.OIL	63	63	367.7	10,475	58.19	166.06
POLK #2 TOTAL	150	63,597	57.0	69.0	91.1	11,159	-	680,662	680,662	709,281.0	6,121,038	9.63	8.99
POLK #3 CT (GAS)	150	77,974	69.9	82.1	92.6	11,065	GAS	827,981	827,981	862,756.0	7,445,515	9.55	8.99
POLK #3 CT (OIL)	159	24	0.0	16,087	33.8	-	LGT.OIL	66	66	396.1	10,998	45.83	166.06
POLK #3 TOTAL	150	77,998	69.9	82.1	92.6	11,066	-	827,981	827,981	862,756.0	7,445,515	9.55	8.99
POLK #4 TOTAL	150	77,034	69.0	98.9	93.5	10,891	GAS	805,130	805,130	838,945.0	7,240,028	9.40	8.99
POLK #5 TOTAL	150	80,155	71.8	98.4	92.9	10,889	GAS	837,605	837,605	872,784.0	7,532,056	9.40	8.99
POLK #5 CC TOTAL	1,061	482,932	61.2	83.4	77.9	7,022	GAS	-	-	3,391,268.8	29,281,587	6.06	-
POLK STATION TOTAL	1,263	583,629	62.1	85.5	64.3	7,328	-	-	-	4,278,417.8	36,937,370	6.33	-

SCHEDULE A4
 PAGE 2 OF 2

SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: May 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	121,134	69.9	98.8	70.7	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	71,677	61.8	100.0	78.1	11,670	GAS	802,725	802,725	836,439.9	7,216,410	10.07	8.99
BAYSIDE CT1B	156	69,368	59.8	100.0	78.4	11,661	GAS	776,295	776,295	808,699.2	6,960,736	10.06	8.99
BAYSIDE CT1C	156	77,428	66.7	100.0	77.6	11,390	GAS	846,334	846,334	881,880.1	7,610,553	9.83	8.99
BAYSIDE UNIT 1 TOTAL	701	339,607	65.1	99.6	65.9	7,442	GAS	2,425,354	2,425,354	2,527,219.2	21,809,699	6.42	8.99
BAYSIDE ST 2	305	159,145	70.1	96.7	72.5	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	73,093	63.0	96.7	81.5	11,169	GAS	783,472	783,472	816,378.0	7,045,277	9.64	8.99
BAYSIDE CT2B	156	72,313	62.3	97.0	80.5	11,372	GAS	789,191	789,191	822,336.5	7,096,698	9.81	8.99
BAYSIDE CT2C	156	74,058	63.8	96.7	80.7	11,474	GAS	815,515	815,515	840,767.0	7,333,422	9.00	8.99
BAYSIDE CT2D	156	73,328	63.2	96.7	80.9	11,464	GAS	806,768	806,768	840,651.9	7,254,758	9.89	8.99
BAYSIDE UNIT 2 TOTAL	929	451,937	65.4	96.8	67.6	7,366	GAS	3,194,946	3,194,946	3,329,133.4	28,730,155	6.36	8.99
BAYSIDE UNIT 3 TOTAL	56	1,074	2.6	100.0	65.6	10,996	GAS	11,330	11,330	11,805.6	101,881	9.49	8.99
BAYSIDE UNIT 4 TOTAL	56	659	1.6	100.0	55.0	11,328	GAS	7,161	7,161	7,461.6	64,393	9.77	8.99
BAYSIDE UNIT 5 TOTAL	56	558	1.3	100.0	45.6	11,749	GAS	6,292	6,292	6,566.7	56,584	10.14	8.99
BAYSIDE UNIT 6 TOTAL	56	335	0.8	100.0	71.0	11,292	GAS	3,627	3,627	3,779.0	32,612	9.73	8.99
BAYSIDE STATION TOTAL	1,854	794,170	57.6	98.2	59.3	7,411	GAS	5,648,710	5,648,710	5,895,955.5	50,795,324	6.40	8.99
SYSTEM	5,351	1,815,027	45.6	87.2	48.8	7,110	-	-	-	12,972,467.7	103,252,157	5.69	-

Footnotes:
⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

LEGEND:
 CC = COMBINED CYCLE
 ST = STEAM TURBINE

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

⁽⁴⁾ Consists of fixed costs and Coal adjustment details on schedule A5 page 2

SCHEDULE A4
 PAGE 1 OF 2

SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: June 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) (2)	AS BURNED FUEL COST (\$ (1))	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	295	23.2	-	53.0	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	3,897	23.7	-	46.3	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	255	20.7	-	45.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	13,066	25.2	-	50.0	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	13,693	24.1	-	48.1	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	15,202	26.0	-	54.3	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.8	11,297	24.9	-	51.0	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	54.8	10,384	24.9	-	50.9	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	6,067	21.8	-	41.4	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	9,229	24.4	-	50.5	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.4	12,470	20.0	-	43.3	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	10,791	14.3	-	37.9	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	9,833	19.5	-	41.8	-	SOLAR	-	-	-	-	-	-
ESA CANDOPY SOLAR	0.0	116	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	(25)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	12,823	22.6	-	43.6	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	0.0	12,978	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	24.9	6,803	28.8	-	67.1	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	0.0	10,856	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	0.0	146	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	751.1	159,926	25.2	-	44.4	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	330	23,516	9.9	71.3	62.7	10,147	GAS	227,247	227,247	238,609.2	2,373,633	10.09	10.45
BIG BEND 6 CT	330	27,370	11.5	100.0	71.2	9,676	GAS	252,232	252,232	264,843.3	2,634,605	9.63	10.45
BIG BEND #1 CC TOTAL	660	50,886	10.7	85.6	66.2	9,894	GAS	479,475	0	503,452.5	5,008,239	9.84	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#2 (GAS)	345	0	0.0	81.2	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	345	0	0.0	81.2	0.0	0	-	-	-	0.0	0	0.00	-
B.B.#4 (COAL)	422	144,802	47.7	87.2	48.9	-	COAL	73,764	73,764	1,657,112.8	4,335,404	2.99	58.77
B.B.#4 (GAS)	410	4,329	1.5	87.2	10.5	-	GAS	47,801	47,801	50,190.5	492,285	11.53	10.45
BIG BEND #4 TOTAL	422	149,131	49.1	87.2	49.5	11,448	-	3,461	0	1,707,303.3	4,834,688	3.24	-
B.B.#5 (IGNITION)	56	294	0.7	100.0	70.5	15,931	GAS	4,461	0	4,683.7	46,592	15.85	10.45
BIG BEND CT#4 TOTAL	1,483	200,311	18.8	85.6	18.9	11,060	-	-	-	-	9,825,669	4.96	-
BIG BEND STATION TOTAL	220	(1,533)	-	-	-	-	-	-	-	-	-	-	-
POLK #1 GASIFIER	152	30,958	28.2	64.8	59.9	12,629	GAS	371,149	371,149	389,706.5	3,876,717	9.01	10.45
POLK #1 CT (GAS)	50	12,177	33.8	63.7	75.0	-	-	-	-	-	-	-	-
POLK #1 ST	202	41,502	28.5	64.6	62.9	9,390	-	-	-	389,706.5	3,876,717	9.34	-
POLK #1 TOTAL	461	24,309	7.3	-	23.4	8,400	GAS	194,468	194,468	204,191.8	2,031,256	8.36	10.45
POLK #2 ST DUCT FIRING	341	238,694	97.2	-	-	-	-	-	-	-	-	-	-
POLK #2 ST W/O DUCT FIRING	461	263,003	79.2	100.0	23.4	-	GAS	-	-	204,191.8	2,031,256	0.77	-
POLK #2 CT (GAS)	150	99,223	91.9	100.0	94.0	11,104	GAS	1,049,354	1,049,354	1,101,821.5	10,960,686	11.05	10.45
POLK #2 CT (OIL)	159	68	0.1	100.0	44.8	16,554	LGT.OIL	193	193	1,126.6	26,796	39.41	138.65
POLK #2 TOTAL	150	99,291	91.9	100.0	94.0	11,108	-	-	-	1,102,948.1	10,987,481	11.07	-
POLK #3 CT (GAS)	150	100,257	92.9	100.0	94.1	11,045	GAS	1,054,562	1,054,562	1,107,321.7	11,015,401	10.99	10.45
POLK #3 CT (OIL)	159	33	0.0	100.0	25.8	18,118	LGT.OIL	104	104	604.3	14,373	43.55	138.65
POLK #3 TOTAL	150	100,290	92.9	100.0	94.1	11,047	-	-	-	1,107,926.0	11,029,773	11.00	-
POLK #4 TOTAL	150	102,281	94.7	100.0	95.0	10,867	GAS	1,058,573	1,058,573	1,111,501.6	11,056,981	10.81	10.45
POLK #5 TOTAL	150	102,468	94.9	100.0	94.9	10,858	GAS	1,059,641	1,059,641	1,112,623.1	11,065,138	10.80	10.45
POLK #5 CC TOTAL	1,061	667,333	87.4	100.0	87.4	6,982	GAS	-	-	4,639,190.5	46,173,630	6.92	-
POLK STATION TOTAL	1,263	708,635	76.0	94.3	76.0	7,095	-	-	-	5,028,896.9	50,050,347	7.06	-

SCHEDULE A4
 PAGE 2 OF 2

SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: June 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	128,484	76.6	98.9	76.6	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	77,089	68.6	100.0	77.9	11,624	GAS	853,401	853,401	896,070.9	8,915,923	11.56	10.45
BAYSIDE CT1B	156	79,637	70.9	100.0	78.4	11,600	GAS	879,798	879,798	923,786.2	9,189,650	11.54	10.45
BAYSIDE CT1C	156	73,714	65.6	96.6	78.1	11,304	GAS	793,563	793,563	833,241.2	8,288,905	11.24	10.45
BAYSIDE UNIT 1 TOTAL	701	358,924	71.1	98.9	71.1	7,392	GAS	2,526,762	2,526,762	2,653,100.3	26,392,478	7.35	10.45
BAYSIDE ST 2	305	165,990	75.4	100.0	75.4	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	72,428	64.5	100.0	80.1	11,172	GAS	770,630	770,630	809,161.4	8,049,366	11.11	10.45
BAYSIDE CT2B	156	79,198	70.5	100.0	79.8	11,315	GAS	853,455	853,455	896,127.6	8,914,486	11.26	10.45
BAYSIDE CT2C	156	82,727	73.7	100.0	79.6	11,457	GAS	902,705	902,705	947,939.9	9,428,910	11.40	10.45
BAYSIDE CT2D	156	65,906	58.7	100.0	79.9	11,448	GAS	718,540	718,540	754,467.2	7,505,279	11.39	10.45
BAYSIDE UNIT 2 TOTAL	929	465,839	69.6	100.0	69.6	7,315	GAS	3,245,330	3,245,330	3,407,996.0	33,896,041	7.28	10.45
BAYSIDE UNIT 3 TOTAL	56	514	1.3	99.4	90.6	10,943	GAS	5,359	5,359	5,627.3	55,980	10.89	10.45
BAYSIDE UNIT 4 TOTAL	56	657	1.6	99.4	90.4	11,100	GAS	6,950	6,950	7,297.9	72,598	11.05	10.45
BAYSIDE UNIT 5 TOTAL	56	577	1.4	100.0	86.9	11,172	GAS	5,926	5,926	6,221.8	61,883	11.11	10.45
BAYSIDE UNIT 6 TOTAL	56	196	0.5	94.9	79.2	11,478	GAS	2,147	2,147	2,254.1	22,423	11.44	10.45
BAYSIDE STATION TOTAL	1,954	826,687	61.9	99.4	61.9	7,357	GAS	5,792,474	5,792,474	6,082,097.4	60,503,412	7.32	10.45
SYSTEM	5,351	1,895,759	42.8	93.5	51.9	7,030	-	-	-	13,326,433.9	120,479,428	6.36	-

Footnotes:
⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

CC = COMBINED CYCLE
 ST = STEAM TURBINE

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

SCHEDULE A4
 PAGE 1 OF 2

SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: July 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) (2)	AS BURNED FUEL COST (\$ (1))	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	305	25.6	-	53.8	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	4,768	33.3	-	64.3	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	272	24.4	-	49.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	15,015	28.8	-	56.8	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	13,960	24.6	-	48.6	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	16,382	29.6	-	57.3	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.8	12,183	26.9	-	54.6	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	54.8	11,635	28.5	-	56.6	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	6,626	23.8	-	43.3	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	10,475	28.5	-	57.0	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.4	14,893	27.1	-	52.0	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	12,358	22.4	-	43.7	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	10,306	23.2	-	44.1	-	SOLAR	-	-	-	-	-	-
ESA CANDOPY SOLAR	0.0	119	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	13,091	23.7	-	44.5	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	0.0	16,322	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	24.9	6,825	38.8	-	68.0	-	SOLAR	-	-	-	-	-	-
MT MOUNTAIN VIEW SOLAR	0.0	11,410	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	0.0	211	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	751.1	176,825	31.6	-	48.4	-	SOLAR	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	330	15,329	6.2	74.5	26.5	15,790	GAS	236,450	236,450	241,888.0	2,209,320	14.41	9.34
BIG BEND 6 CT	330	20,915	8.5	100.0	34.9	14,032	GAS	286,871	286,871	293,469.2	2,680,444	12.82	9.34
BIG BEND #1 CC TOTAL	660	36,244	7.4	87.3	30.2	14,771	GAS	523,321	523,321	535,357.2	4,889,764	13.49	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	345	50,959	19.7	80.8	37.1	12,506	GAS	618,210	618,210	632,429.0	5,776,383	11.42	9.34
BIG BEND #3 TOTAL	345	50,959	19.7	80.8	37.1	12,506	-	618,210	618,210	632,429.0	5,776,383	11.42	-
B.B.#4 (COAL)	422	132,489	42.2	62.1	51.6	8,400	COAL	67,860	67,860	1,593,413.7	5,456,171	4.12	80.40
B.B.#4 (GAS)	410	1,251	0.4	62.1	10.5	11,802	GAS	14,611	14,611	14,847.0	136,521	10.91	9.34
BIG BEND #4 TOTAL	422	133,740	42.6	62.1	51.3	11,802	-	82,471	82,471	1,578,360.7	5,592,692	4.18	-
B.B.#5 (GAS)	56	62	0.1	100.0	36.7	34,106	GAS	2,067	0	2,114.6	19,314	31.15	9.34
BIG BEND CT#4 TOTAL	56	62	0.1	100.0	36.7	34,106	-	2,067	0	2,114.6	19,314	31.15	9.34
BIG BEND STATION TOTAL	1,483	220,615	26.0	79.1	24.1	12,457	-	-	-	2,748,261.5	16,344,873	7.41	-
POLK #1 GASIFIER	220	(1,382)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	152	62,641	55.4	95.2	62.5	12,562	GAS	769,211	769,211	796,903.0	7,167,294	8.16	9.34
POLK #1 ST	50	25,438	68.4	100.0	77.8	9,076	-	-	-	-	-	-	-
POLK #1 TOTAL	202	86,697	57.7	96.4	66.1	9,076	-	-	-	786,903.0	7,167,294	8.29	-
POLK #2 ST DUCT FIRING	461	15,610	4.6	-	22.9	8,400	GAS	129,620	129,620	132,806.0	1,215,093	7.67	9.34
POLK #2 ST W/O DUCT FIRING	341	238,726	94.1	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	254,636	74.2	99.9	22.9	-	-	-	-	132,806.0	1,215,093	0.48	-
POLK #2 CT (GAS)	150	98,923	86.6	100.0	90.7	11,173	GAS	1,080,375	1,080,375	1,105,224.0	10,064,726	10.20	9.34
POLK #2 CT (OIL)	159	123	0.1	100.0	38.7	17,749	LGT.OIL	374	374	2,183.1	51,923	42.21	136.65
POLK #2 TOTAL	159	99,046	86.8	100.0	90.7	11,181	-	-	-	1,107,407.1	10,146,649	10.24	-
POLK #3 CT (GAS)	150	100,201	89.8	100.0	91.2	11,224	GAS	1,099,413	1,099,413	1,124,700.0	10,272,613	10.25	9.34
POLK #3 CT (OIL)	159	30	0.0	100.0	37.7	15,687	LGT.OIL	81	81	470.6	11,193	37.31	136.65
POLK #3 TOTAL	150	100,231	89.8	100.0	91.2	11,226	-	-	-	1,125,170.6	10,283,806	10.26	-
POLK #4 TOTAL	150	101,641	91.1	99.8	91.3	11,059	GAS	1,098,752	1,098,752	1,124,033.0	10,266,429	10.10	9.34
POLK #5 TOTAL	150	100,588	90.1	99.9	91.1	10,907	GAS	1,072,453	1,072,453	1,097,119.0	10,020,698	9.96	9.34
POLK #5 CC TOTAL	1,061	656,042	83.1	99.9	83.1	6,991	GAS	-	-	4,586,258.8	41,980,585	6.39	-
POLK STATION TOTAL	1,263	742,739	79.0	99.4	79.0	7,235	-	-	-	5,373,428.8	49,117,860	6.61	-

SCHEDULE A4
 PAGE 2 OF 2
 SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: July 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP. ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	122,437	70.6	98.4	70.6	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	69,811	60.2	95.2	75.9	11,729	GAS	800,409	800,409	818,816.7	7,475,890	10.71	9.34
BAYSIDE CT1B	156	74,690	64.4	100.0	75.7	11,743	GAS	857,374	857,374	877,093.6	8,011,062	10.73	9.34
BAYSIDE CT1C	156	73,191	63.1	100.0	75.7	11,432	GAS	817,911	817,911	836,723.4	7,642,338	10.44	9.34
BAYSIDE UNIT 1 TOTAL	701	340,129	65.2	98.4	65.2	7,446	GAS	2,475,695	2,475,695	2,532,635.7	23,132,201	6.80	9.34
BAYSIDE ST 2	305	162,265	71.5	99.0	71.5	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	88,593	59.1	98.7	78.1	11,275	GAS	755,682	755,682	773,062.7	7,060,882	10.30	9.34
BAYSIDE CT2B	156	75,666	65.1	99.2	77.8	11,417	GAS	843,378	843,378	862,715.5	7,860,287	10.43	9.34
BAYSIDE CT2C	156	77,388	66.7	98.1	77.8	11,564	GAS	874,774	874,774	894,893.6	8,173,642	10.56	9.34
BAYSIDE CT2D	156	70,203	60.5	100.0	77.8	11,555	GAS	792,943	792,943	811,180.4	7,409,036	10.55	9.34
BAYSIDE UNIT 2 TOTAL	929	453,995	65.7	99.0	65.7	7,361	GAS	3,266,776	3,266,776	3,341,912.2	30,523,847	6.72	9.34
BAYSIDE UNIT 3 TOTAL	56	59	0.1	100.0	64.9	14,471	GAS	838	838	856.8	7,826	13.26	9.34
BAYSIDE UNIT 4 TOTAL	56	160	0.4	100.0	66.7	14,438	GAS	2,538	2,538	2,596.7	23,717	13.18	9.34
BAYSIDE UNIT 5 TOTAL	56	72	0.2	98.6	66.8	14,457	GAS	1,015	1,015	1,037.9	9,480	13.17	9.34
BAYSIDE UNIT 6 TOTAL	56	8	0.0	92.2	14.0	59,567	GAS	474	474	485.0	4,430	56.37	9.34
BAYSIDE STATION TOTAL	1,854	794,433	57.6	98.6	57.6	7,401	GAS	5,747,336	5,747,336	5,879,524.3	53,701,500	6.76	9.34
SYSTEM	5,351	1,934,612	48.6	92.5	53.8	7,237	-	-	-	14,001,214.6	119,164,253	6.16	-

Footnotes:
 (1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) Test Energy

LEGEND:
 B.B. = BIG BEND
 CC = COMBINED CYCLE
 ST = STEAM TURBINE
 CT = COMBUSTION TURBINE

(4) Consists of fixed costs and aerial survey adjustment

SCHEDULE A4
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SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: August 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (Cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	282	23.7	-	51.2	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.7	3,008	20.5	-	39.1	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	246	23.6	-	49.5	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	12,720	24.4	-	51.3	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	11,288	20.5	-	43.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	12,181	22.0	-	48.1	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.9	9,314	20.6	-	43.2	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.2	7,857	19.1	-	47.1	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	5,462	19.6	-	40.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.3	8,757	23.9	-	51.5	-	SOLAR	-	-	-	-	-	-
WIMALIMA SOLAR	74.7	11,962	21.5	-	43.6	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	11,681	21.1	-	43.3	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	9,703	21.8	-	43.6	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	0.0	107	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	1	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	11,463	20.7	-	41.9	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	0.0	12,658	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	31.4	4,859	20.8	-	39.8	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	0.0	9,897	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	0.0	4	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAGS SOLAR	0.0	166	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	758.6	143,426	25.4	-	40.7	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	0	0	0.0	0.0	0	0	GAS	0	0	0	0	0.00	0.00
BIG BEND 5 CT	330	45,779	18.7	91.8	64.9	9,616	GAS	428,634	428,634	440,206.9	5,477,076	11.96	12.78
BIG BEND 6 CT	330	36,875	15.0	73.8	69.6	9,333	GAS	335,106	335,106	344,154.1	4,281,982	11.61	12.78
BIG BEND #1 CC TOTAL	660	82,654	16.8	82.8	58.8	9,490	GAS	763,740	763,740	784,361.0	9,759,059	11.81	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0	0	GAS	0	0	0	0	0.00	0.00
B.B.#3 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0	0	0.00	0.00
B.B.#3 (GAS)	345	0	0.0	43.6	0.0	-	GAS	0	0	0	0	0.00	0.00
BIG BEND #3 TOTAL	345	0	0.0	43.6	0.0	0	GAS	0	0	0	0	0.00	0.00
B.B.#4 (COAL)	422	151,589	48.3	87.7	48.9	-	COAL	82,511	82,511	1,913,400.1	6,804,295	4.49	82.47
B.B.#4 (GAS)	425	3,588	1.1	87.7	3.8	-	GAS	44,427	44,427	45,828.5	97,687	15.91	12.78
BIG BEND #4 TOTAL	422	155,157	49.4	87.7	49.4	12,626	GAS	0	0	1,959,056.6	7,371,982	4.75	-
B.B. IGNITION	-	-	-	-	-	-	-	-	-	-	-	-	-
BIG BEND CT #4 TOTAL	56	711	1.7	97.6	62.1	13,420	GAS	9,291	0	9,841.4	118,715	16.70	12.78
BIG BEND STATION TOTAL	1,483	238,522	21.6	75.6	21.6	11,542	COAL	-	-	2,752,958.9	17,248,756	7.23	-
POLK #1 GASIFIER	220	(1,557)	-	-	-	-	-	-	-	-	-	-	-
POLK #1 CT (GAS)	150	19,800	17.7	93.4	59.2	12,738	GAS	245,578	245,578	252,209.0	3,137,997	11.24	12.78
POLK #1 ST	50	8,113	21.8	100.0	73.9	-	-	-	-	-	-	-	-
POLK #1 TOTAL	200	26,356	17.7	95.0	62.8	9,569	-	-	-	252,209.0	3,137,997	11.91	-
POLK #2 ST DUCT FIRING	461	81,774	23.8	-	60.9	3,091	GAS	246,109	246,109	252,754.0	3,144,778	3.85	12.78
POLK #2 ST W/O DUCT FIRING	341	180,477	71.1	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	262,251	76.5	94.9	60.9	-	GAS	-	-	252,754.0	3,144,778	1.20	-
POLK #2 CT (GAS)	150	91,190	81.7	88.4	93.8	11,192	GAS	993,811	993,811	1,020,644.0	12,698,905	13.93	12.78
POLK #2 CT (OIL)	159	64	0.1	88.4	27.4	24,043	LGT/OIL	264	264	1,538.7	36,597	57.18	139.65
POLK #2 TOTAL	150	91,254	81.8	88.4	93.8	11,202	-	-	-	1,022,182.7	12,735,501	13.96	-
POLK #3 CT (GAS)	150	102,238	91.6	100.0	93.3	11,182	GAS	1,113,211	1,113,211	1,143,288.0	14,224,599	13.91	12.78
POLK #3 CT (OIL)	159	1	0.0	100.0	10.5	9,386	LGT/OIL	2	2	9.4	223	22.32	139.65
POLK #3 TOTAL	150	102,239	91.6	100.0	93.3	11,182	-	-	-	1,143,277.4	14,224,822	13.91	-
POLK #4 TOTAL	150	104,778	93.9	99.3	95.9	10,876	GAS	1,109,609	1,109,609	1,139,868.0	14,178,563	13.53	12.78
POLK #5 TOTAL	150	100,023	89.6	94.0	95.7	10,781	GAS	1,049,984	1,049,984	1,078,334.0	13,416,686	13.41	12.78
POLK #2 CC TOTAL	1,061	680,545	83.7	95.2	83.7	7,019	GAS	-	-	4,636,116.1	57,700,351	8.74	-
POLK STATION TOTAL	1,261	686,901	73.1	95.2	73.1	7,116	-	-	-	4,898,325.1	60,838,348	8.86	-

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SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: August 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (Cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST1	233	123,090	71.0	93.1	71.0	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	71,417	61.5	91.6	77.6	11,597	GAS	806,443	806,443	828,217.3	10,304,720	14.43	12.78
BAYSIDE CT1B	156	71,308	66.6	98.9	77.3	11,616	GAS	874,373	874,373	887,980.7	11,172,721	14.45	12.78
BAYSIDE CT1C	156	73,419	63.3	89.3	78.0	11,287	GAS	805,449	805,449	827,195.9	10,292,015	14.02	12.78
BAYSIDE UNIT 1 TOTAL	701	345,234	66.2	93.2	66.2	7,396	GAS	2,486,265	2,486,265	2,553,393.9	31,769,457	9.20	12.78
BAYSIDE ST2	305	192,045	84.6	100.0	84.6	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	86,283	74.3	100.0	81.1	11,078	GAS	930,721	930,721	955,850.8	11,892,744	13.78	12.78
BAYSIDE CT2B	156	90,239	77.8	100.0	81.1	11,194	GAS	983,617	983,617	1,010,174.8	12,568,647	13.93	12.78
BAYSIDE CT2C	156	87,408	75.3	100.0	80.8	11,367	GAS	967,482	967,482	993,603.9	12,362,470	14.14	12.78
BAYSIDE CT2D	156	86,474	74.5	100.0	80.7	11,356	GAS	956,194	956,194	982,011.1	12,216,232	14.13	12.78
BAYSIDE UNIT 2 TOTAL	629	542,449	78.5	100.0	78.5	7,266	GAS	3,838,014	3,838,014	3,941,640.7	49,042,094	9.04	12.78
BAYSIDE UNIT 3 TOTAL	56	565	1.4	100.0	84.7	11,024	GAS	6,070	6,070	6,233.6	77,558	13.73	12.78
BAYSIDE UNIT 4 TOTAL	56	567	1.4	100.0	81.4	11,225	GAS	6,201	6,201	6,368.5	79,237	13.97	12.78
BAYSIDE UNIT 5 TOTAL	56	581	1.4	100.0	81.5	11,290	GAS	6,384	6,384	6,556.2	81,573	14.04	12.78
BAYSIDE UNIT 6 TOTAL	56	841	2.0	100.0	68.7	11,324	GAS	9,278	9,278	9,528.8	118,558	14.10	12.78
BAYSIDE STATION TOTAL	1,854	890,237	64.5	97.4	64.5	7,328	GAS	6,352,212	6,352,212	6,523,721.7	81,168,477	9.12	12.78
SYSTEM	5,357	1,955,086	49.2	89.8	52.1	7,230	-	-	-	14,185,005.7	159,256,581	8.13	-

Footnotes:
 (1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) Test Energy
 (4) Consists of fixed costs and aerial survey adjustment

CC = COMBINED CYCLE
 ST = STEAM TURBINE

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

SCHEDULE A4
 PAGE 1 OF 2

SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: September 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (Cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	229	19.9	-	48.0	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.7	2,136	15.1	-	33.2	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	197	19.5	-	46.1	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	9,471	18.8	-	45.3	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	5,654	20.6	-	23.6	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	10,677	20.0	-	43.9	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.9	7,165	16.3	-	37.0	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.2	6,531	16.4	-	39.2	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	3,470	12.9	-	28.9	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.3	7,081	19.9	-	47.7	-	SOLAR	-	-	-	-	-	-
WIMALMA SOLAR	74.3	6,272	11.7	-	25.1	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	59.8	9,279	17.3	-	40.7	-	SOLAR	-	-	-	-	-	-
DURRANCE	0.0	7,365	17.1	-	36.2	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	0.0	64	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	7,925	14.8	-	34.1	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	0.0	8,910	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	31.4	2,980	13.2	-	29.8	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	0.0	7,031	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	0.0	134	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	758.6	102,571	18.8	-	33.5	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	0	0	0.0	0.0	0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	330	70,871	29.8	86.5	64.4	9,171	GAS	632,265	632,265	649,868.9	6,895,087	9.73	10.91
BIG BEND 6 CT	330	92,935	39.1	98.8	68.2	9,240	GAS	895,287	835,287	889,674.7	9,109,107	9.80	10.91
BIG BEND #1 CC TOTAL	660	168,975	34.5	92.6	66.1	8,069	GAS	1,487,552	1,467,552	1,508,643.6	16,004,194	8.56	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	0	0	0.0	0.0	0.0	0	COAL	0	0	0	0	0.00	0.00
B.B.#3 (GAS)	345	70,843	28.5	65.3	47.6	12,481	GAS	860,098	860,098	884,180.5	9,379,681	13.24	10.91
BIG BEND #3 TOTAL	345	70,843	28.5	65.3	47.6	12,481	GAS	860,098	860,098	884,180.5	9,379,681	13.24	-
B.B.#4 (COAL)	422	46,504	15.3	30.4	45.2	-	COAL	24,431	24,431	585,975.5	2,390,609	5.14	97.85
B.B.#4 (GAS)	425	816	0.3	30.4	6.9	-	GAS	9,781	9,781	10,954.7	106,664	13.07	10.91
BIG BEND #4 TOTAL	422	47,320	15.6	30.4	44.2	12,165	GAS	9,275	9,275	575,630.2	2,497,273	5.28	-
B.B. IGNITION	56	426	1.1	54.1	36.7	17,653	GAS	7,315	0	7,520.0	79,775	18.73	10.91
BIG BEND CT #4 TOTAL	1,483	305,564	26.5	67.1	44.1	9,739	COAL	-	-	2,975,974.3	28,062,073	9.18	-
BIG BEND STATION TOTAL	220	(1,374)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 GASIFIER	150	51,554	47.7	97.6	70.1	11,950	GAS	599,299	599,299	616,079.0	6,535,571	9.26	10.91
POLK #1 CT (GAS)	50	19,023	52.8	97.6	79.6	-	-	-	-	-	-	-	-
POLK #1 ST	200	69,203	48.1	97.6	72.2	8,903	-	-	-	-	-	-	-
POLK #1 TOTAL	461	19,614	5.9	-	0.0	8,400	GAS	160,267	160,267	164,754.0	1,747,765	8.91	10.91
POLK #2 ST DUCT FIRING	341	216,883	88.3	-	-	-	-	-	-	-	-	-	-
POLK #2 ST W/O DUCT FIRING	461	236,497	71.3	100.0	0.0	-	GAS	-	-	164,754.0	1,747,765	0.74	-
POLK #2 CT (GAS)	150	85,602	79.3	99.9	89.8	11,249	GAS	936,719	936,719	962,947.0	10,215,262	11.93	10.91
POLK #2 CT (OIL)	159	2,44	0.2	99.9	53.0	15,221	LGT.OIL	638	638	3,717.0	89,426	36.24	139.69
POLK #2 TOTAL	150	85,846	79.5	99.9	89.8	11,260	-	-	-	966,664.0	10,303,688	12.00	-
POLK #3 CT (GAS)	150	95,745	88.7	100.0	90.8	11,150	GAS	1,038,460	1,038,460	1,067,337.0	11,324,788	11.83	10.91
POLK #3 CT (OIL)	159	1	0.0	100.0	5.0	15,735	LGT.OIL	2	2	12.5	27.74	27.74	139.69
POLK #3 TOTAL	150	95,746	88.7	100.0	90.8	11,150	-	-	-	1,067,549.5	11,325,065	11.83	-
POLK #4 TOTAL	150	93,227	86.3	100.0	91.6	11,236	GAS	1,018,991	1,018,991	1,047,923.0	11,112,473	11.92	10.91
POLK #5 TOTAL	150	93,781	86.8	100.0	91.3	10,969	GAS	1,000,711	1,000,711	1,028,731.0	10,913,121	11.64	10.91
POLK #2 CC TOTAL	1,061	605,097	79.2	100.0	79.2	7,065	GAS	-	-	4,275,221.5	45,402,113	7.90	-
POLK STATION TOTAL	1,261	674,300	74.2	99.6	74.2	7,254	-	-	-	4,891,300.5	51,937,684	7.70	-

SCHEDULE A4
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SYSTEM NET GENERATION AND FUEL COST
 TAMPA ELECTRIC COMPANY
 MONTH OF: September 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (Cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST1	233	32,176	19.2	24.8	65.0	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	23,284	20.7	29.5	77.0	11,583	GAS	262,460	262,460	289,809.4	2,862,226	12.29	10.91
BAYSIDE CT1B	156	14,572	13.0	19.3	77.8	11,588	GAS	164,260	164,260	188,858.9	1,791,311	12.29	10.91
BAYSIDE CT1C	156	20,964	18.7	25.8	77.7	11,249	GAS	229,408	229,408	235,831.9	2,501,786	11.93	10.91
BAYSIDE UNIT 1 TOTAL	701	91,006	18.0	24.9	61.1	7,412	GAS	656,129	656,129	674,500.2	7,155,323	7.86	10.91
BAYSIDE ST2	305	134,783	61.4	83.9	65.6	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	64,990	57.9	100.0	77.8	11,281	GAS	711,946	711,946	791,880.2	7,764,029	11.95	10.91
BAYSIDE CT2B	156	65,058	57.9	100.0	77.5	11,462	GAS	725,355	725,355	745,665.1	7,910,264	12.16	10.91
BAYSIDE CT2C	156	49,344	43.9	100.0	76.5	11,618	GAS	557,649	557,649	573,963.1	6,081,365	12.32	10.91
BAYSIDE CT2D	156	72,701	64.7	100.0	76.2	11,602	GAS	820,475	820,475	843,448.3	8,947,580	12.31	10.91
BAYSIDE UNIT 2 TOTAL	929	386,876	57.8	94.7	61.8	7,481	GAS	2,815,425	2,815,425	2,894,266.7	30,703,238	7.94	10.91
BAYSIDE UNIT 3 TOTAL	56	833	2.1	100.0	63.7	11,198	GAS	9,071	9,071	9,324.7	98,919	11.88	10.91
BAYSIDE UNIT 4 TOTAL	56	1,122	2.8	100.0	78.1	10,996	GAS	12,005	12,005	12,341.4	130,922	11.67	10.91
BAYSIDE UNIT 5 TOTAL	56	1,131	2.8	100.0	74.7	11,195	GAS	12,318	12,318	12,662.8	134,331	11.88	10.91
BAYSIDE UNIT 6 TOTAL	56	871	2.2	100.0	55.6	11,584	GAS	9,812	9,812	10,087.1	107,007	12.29	10.91
BAYSIDE STATION TOTAL	1,854	481,839	36.1	68.9	38.6	7,499	GAS	3,514,760	3,514,760	3,613,172.8	38,329,741	7.95	10.91
SYSTEM	5,357	1,564,276	39.7	76.7	50.7	7,339	-	-	-	11,480,447.7	118,329,499	7.56	-

Footnotes:
 (1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) Test Energy
 (4) Consists of fixed costs and aerial survey adjustment

CC = COMBINED CYCLE
 ST = STEAM TURBINE

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

SCHEDULE A4
 PAGE 1 OF 2

SYSTEM NET GENERATION AND FUEL COST
 TAP ELECTRIC COMPANY
 MONTH OF: October 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ²	AS BURNED FUEL COST (\$) ¹	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	269	22.6	-	54.4	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.7	2,192	15.0	-	33.1	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	191	18.3	-	40.7	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	7,323	14.0	-	31.8	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	7,389	13.4	-	23.9	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	11,054	20.0	-	44.3	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.9	6,831	15.1	-	33.7	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.2	4,386	10.7	-	30.1	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	4,208	15.1	-	33.0	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.3	5,811	15.8	-	35.7	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.7	9,324	16.8	-	36.5	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	10,268	18.6	-	41.4	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	9,462	21.3	-	45.7	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	0.0	83	0.0	0.0	0.0	0.0	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	0.0	0	0.0	0.0	0.0	0.0	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	9,628	17.8	-	38.7	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	6,864	12.4	-	29.9	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	31.4	3,416	14.6	-	31.9	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	54.4	7,395	18.3	-	38.6	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	0.0	0	0.0	0.0	0.0	0.0	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	0.0	133	0.0	0.0	0.0	0.0	SOLAR	-	-	-	-	-	-
FLORIDA AQUARIUM SOLAR	0.0	0	0.0	0.0	0.0	0.0	SOLAR	-	-	-	-	-	-
LAUREL OAKS SOLAR	0.0	68	0.0	0.0	0.0	0.0	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	887.3	106,495	16.1	-	34.6	-	SOLAR	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	1,063,287	1,063,287	8,812,395	8,812,395	7.03	8.29
BIG BEND 5 CT	330	125,428	51.1	100.0	87.1	8,689	GAS	1,063,287	1,063,287	8,812,395	8,812,395	7.03	8.29
BIG BEND 6 CT	330	116,872	48.4	88.9	88.9	8,616	GAS	998,219	998,219	8,251,402	8,251,402	6.97	8.29
BIG BEND #1 CC TOTAL	660	328,350	49.8	94.9	84.8	6,438	GAS	2,077,372	2,062,506	17,083,797	17,083,797	5.21	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	0	0	0.0	0.0	0.0	0	COAL	0	0	0	0	0	0
B.B.#3 (GAS)	345	64,037	25.0	41.4	38.2	-	GAS	740,404	740,404	6,136,377	6,136,377	9.58	8.29
BIG BEND #3 TOTAL	345	64,037	25.0	41.4	38.2	11,851	-	740,404	740,404	6,136,377	6,136,377	9.58	-
B.B.#4 (COAL)	422	0	0.0	0.0	0.0	0	COAL	0	0	0	0	0	0
B.B.#4 (GAS)	425	0	0.0	0.0	0.0	0	GAS	0	0	0	0	0	0
BIG BEND #4 TOTAL	422	0	0.0	0.0	0.0	0	-	0	0	0.0	0	0.00	0.00
B.B.IGNITION	-	-	-	-	-	-	-	-	-	-	-	-	-
BIG BEND CT#4 TOTAL	56	942	2.3	51.8	46.6	16,176	GAS	3,897	3,897	0.0	32,299	0.00	8.29
BIG BEND STATION TOTAL	1,483	393,329	28.0	53.8	42.9	7,343	-	14,866	0	15,238.0	123,210	13.08	8.29
POLK #1 GASIFIER	220	(1,336)	-	-	-	-	-	-	-	-	-	-	-
POLK #1 CT (GAS)	150	45,121	40.4	80.1	68.8	12,031	COAL	529,636	529,636	542,877.0	4,389,559	7.07	8.29
POLK #1 ST	50	16,950	45.6	79.9	77.8	-	-	-	-	-	-	-	-
POLK #1 TOTAL	200	60,735	40.8	80.0	71.0	8,938	-	529,636	529,636	542,877.0	4,389,559	7.07	8.29
POLK #2 ST DUCT FIRING	461	20,130	5.9	-	20.7	8,400	GAS	164,967	164,967	1,367,225	1,367,225	6.79	8.29
POLK #2 ST W/O DUCT FIRING	341	204,021	80.4	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	224,151	65.4	98.8	20.7	-	GAS	164,967	164,967	1,367,225	1,367,225	6.61	-
POLK #2 CT (GAS)	150	92,712	83.1	99.9	92.5	11,139	GAS	1,007,551	1,007,551	1,032,740.0	8,350,462	9.01	8.29
POLK #2 CT (OIL)	159	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0	0	0	0
POLK #2 TOTAL	150	92,712	83.1	99.9	92.5	11,139	-	1,007,551	1,007,551	1,032,740.0	8,350,462	9.01	-
POLK #3 CT (GAS)	150	81,113	72.8	88.0	93.9	10,990	GAS	869,714	869,714	891,457.0	7,208,085	8.89	8.29
POLK #3 CT (OIL)	159	120	0.1	88.0	68.7	12,400	LGT.OIL	256	256	1,490.7	35,454	29.55	139.04
POLK #3 TOTAL	150	81,233	72.8	88.0	93.9	10,992	-	869,714	869,714	892,947.7	7,243,539	8.92	-
POLK #4 TOTAL	150	97,073	87.0	98.9	93.9	11,169	GAS	1,057,729	1,057,729	1,084,172.0	8,766,327	9.03	8.29
POLK #5 TOTAL	150	85,706	76.8	100.0	92.6	10,880	GAS	909,747	909,747	932,491.0	7,539,875	8.80	8.29
POLK #2 CC TOTAL	1,061	580,875	73.6	97.8	74.3	7,078	GAS	-	-	4,111,441.7	33,267,428	5.73	-
POLK STATION TOTAL	1,281	641,610	68.4	95.0	68.0	7,254	-	-	-	4,654,318.7	37,656,988	5.87	-

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SYSTEM NET GENERATION AND FUEL COST
 TAP ELECTRIC COMPANY
 MONTH OF: October 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	0	0.0	0.0	0.0	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT1B	156	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT1C	156	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 1 TOTAL	701	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE ST 2	305	125,686	55.5	82.0	55.5	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	66,716	57.5	100.0	78.9	11,217	GAS	730,096	730,096	746,348.5	6,050,947	9.07	8.29
BAYSIDE CT2B	156	65,481	56.4	100.0	77.9	11,487	GAS	733,621	733,621	752,186.2	6,061,817	9.29	8.29
BAYSIDE CT2C	156	37,590	32.4	100.0	80.7	11,420	GAS	418,688	418,688	429,155.0	3,470,034	9.23	8.29
BAYSIDE CT2D	156	63,481	54.7	100.0	78.6	11,469	GAS	710,289	710,289	728,046.2	5,866,788	9.27	8.29
BAYSIDE UNIT 2 TOTAL	928	359,146	52.0	94.1	52.0	7,400	GAS	2,892,894	2,892,894	2,657,716.0	21,489,587	5.98	8.29
BAYSIDE UNIT 3 TOTAL	56	613	1.5	100.0	93.1	12,415	GAS	7,431	7,431	7,616.4	61,584	10.05	8.29
BAYSIDE UNIT 4 TOTAL	56	1,346	3.2	98.1	94.0	11,630	GAS	15,272	15,272	15,654.1	126,575	9.40	8.29
BAYSIDE UNIT 5 TOTAL	56	911	2.2	98.1	90.4	11,527	GAS	10,239	10,239	10,495.4	84,563	9.32	8.29
BAYSIDE UNIT 6 TOTAL	56	807	1.9	100.0	83.3	13,360	GAS	10,518	10,518	10,751.4	87,176	10.80	8.29
BAYSIDE STATION TOTAL	1,854	362,823	26.3	58.1	26.3	7,448	GAS	2,636,354	2,636,354	2,702,263.3	21,849,785	6.02	8.29
SYSTEM	5,485	1,504,256	38.9	67.2	45.1	6,811				10,244,802.4	82,955,208	5.51	

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

CC = COMBINED CYCLE
 ST = STEAM TURBINE

Footnotes:
⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

⁽⁴⁾ Consists of fixed costs and aerial survey adjustment

SCHEDULE A4
 PAGE 1 OF 2

SYSTEM NET GENERATION AND FUEL COST
 APAL ELECTRIC COMPANY
 MONTH OF: November 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ²	AS BURNED FUEL COST (\$) ¹	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6		176	15.3	41.2		SOLAR						
BIG BEND SOLAR	19.7	1,429	10.1	23.0	23.0		SOLAR						
LEGOLAND SOLAR	1.4	127	12.6	30.4	30.4		SOLAR						
PAYNE CREEK SOLAR	70.1	5,678	11.2	27.8	27.8		SOLAR						
BALM SOLAR	74.2	5,627	10.5	25.4	25.4		SOLAR						
LITHIA SOLAR	74.3	6,394	12.0	31.9	31.9		SOLAR						
GRANGE HALL SOLAR	60.9	5,510	12.6	30.1	30.1		SOLAR						
PEACE CREEK SOLAR	55.2	4,508	11.3	27.6	27.6		SOLAR						
BONNIE MINE SOLAR	37.4	2,791	10.4	23.5	23.5		SOLAR						
LAKE HANCOCK SOLAR	49.3	3,983	11.2	30.6	30.6		SOLAR						
WIMAUMA SOLAR	74.7	6,968	13.0	29.3	29.3		SOLAR						
LITTLE MANATEE RIVER SOLAR	74.3	6,780	12.7	32.1	32.1		SOLAR						
DURRANCE	59.8	5,888	13.7	30.9	30.9		SOLAR						
ESA CANOPY SOLAR	0.0	49	0.0	0.0	0.0		SOLAR						
MICRO GRID SOLAR	0.0	0	0.0	0.0	0.0		SOLAR						
MAGNOLIA SOLAR	74.3	6,311	11.8	27.3	27.3		SOLAR						
JAMISON SOLAR	74.3	5,015	7.6	0.0	0.0		SOLAR						
BIG BEND 2 SOLAR	31.4	1,876	8.3	25.3	25.3		SOLAR						
MOUNTAIN VIEW SOLAR	0.0	3,889	0.0	0.0	0.0		SOLAR						
FLOATING SOLAR	0.0	46	0.0	0.0	0.0		SOLAR						
AGRI VOLTAICS SOLAR	0.0	101	0.0	0.0	0.0		SOLAR						
FLORIDA AQUARIUM SOLAR	0.0	0	0.0	0.0	0.0		SOLAR						
LAUREL OAKS SOLAR	0.0	2,946	0.0	0.0	0.0		SOLAR						
SOLAR TOTAL	832.9	75,992	10.9	26.0	26.0		SOLAR						
BIG BEND 1 ST	0	16,741	0.0	0.0	0.0		GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	330	78,912	33.2	83.4	75.9	9,033	GAS	696,799	696,799	712,826.5	4,574,146	6.80	6.56
BIG BEND 6 CT	330	56,273	24.5	87.8	65.6	9,449	GAS	539,233	539,233	550,612.8	3,533,239	6.06	6.56
BIG BEND #1 CC TOTAL	660	153,928	28.9	85.5	65.9	8,208	GAS	1,242,386	1,235,032	1,263,438.3	8,107,385	5.27	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	0	0	0.0	0.0	0.0		COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	345	78,988	31.8	66.0	40.1		GAS	921,519	921,519	942,713.6	6,049,320	7.66	6.56
BIG BEND #3 TOTAL	345	78,988	31.8	66.0	40.1	11,935	-	921,519	921,519	942,713.6	6,049,320	7.66	-
B.B.#4 (COAL)	422	34,182	11.2	24.1	58.7		COAL	16,612	16,612	393,305.3	2,552,456	7.47	153.65
B.B.#4 (GAS)	425	6,638	2.2	24.1	10.6		GAS	73,867	73,867	75,565.5	484,888	7.30	6.56
BIG BEND #4 TOTAL	422	40,820	13.4	24.0	52.3	11,241	-	28,178	28,178	458,870.8	3,037,354	7.44	-
B.B.IGNITION	56	459	1.1	44.8	38.0		GAS	7,353	7,353	0.0	184,979	6.56	6.56
BIG BEND CT #4 TOTAL	1,483	274,193	24.1	61.9	30.4	9,747	GAS	7,353	0	7,522.5	48,271	10.52	6.56
BIG BEND STATION TOTAL	220	(1,443)	39.7	96.2	77.5	11,428	COAL	479,845	479,845	490,881.2	3,149,946	5.51	6.56
POLK #1 GASIFIER	150	42,955	28.6	72.5	77.4		GAS	75,452	75,452	77,188.4	485,312	5.39	6.56
POLK #1 CT (GAS)	50	14,242	39.5	93.0	80.6		GAS	75,452	75,452	77,188.4	485,312	5.39	6.56
POLK #1 ST	200	55,754	38.7	94.6	77.4		GAS	75,452	75,452	77,188.4	485,312	5.39	6.56
POLK #1 TOTAL	461	9,189	2.8	5.9	5.9	8,895	-	75,452	75,452	77,188.4	485,312	5.39	6.56
POLK #2 ST DUCT FIRING	461	201,552	60.6	99.9	5.9		GAS	77,188.4	77,188.4	77,188.4	485,312	0.25	-
POLK #2 ST W/O DUCT FIRING	150	70,489	65.2	72.5	95.8		GAS	75,525	75,524	774,947.5	4,972,778	7.05	6.56
POLK #2 CT (GAS)	159	0	0.0	72.5	0.0		LGT.OIL	59	59	346.5	8,238	0.00	138.66
POLK #2 CT (OIL)	150	70,489	65.2	72.5	95.8		GAS	75,525	75,524	774,947.5	4,972,778	7.05	6.56
POLK #2 TOTAL	150	62,146	57.5	61.6	96.7	10,999	GAS	660,096	660,096	675,278.6	4,333,210	6.97	6.56
POLK #3 CT (GAS)	159	0	0.0	61.6	0.0		LGT.OIL	102	102	596.7	14,197	0.00	138.64
POLK #3 CT (OIL)	150	62,146	57.5	61.6	96.7		GAS	660,096	660,096	675,278.6	4,333,210	6.97	6.56
POLK #3 TOTAL	150	62,146	57.5	61.6	96.7	10,976	-	660,096	660,096	675,278.6	4,333,210	6.97	6.56
POLK #4 TOTAL	150	101,244	93.6	100.0	95.4	11,067	GAS	1,095,275	1,095,274	1,120,465.8	7,189,942	7.10	6.56
POLK #5 TOTAL	150	102,345	94.6	100.0	95.7	10,740	GAS	1,074,438	1,074,437	1,099,149.5	7,053,168	6.89	6.56
POLK #2 CC TOTAL	1,061	537,776	70.4	90.6	70.4	6,989	GAS	3,747,973.0	3,747,973.0	3,747,973.0	24,066,834	4.48	-
POLK STATION TOTAL	1,281	593,530	65.4	91.2	65.4	7,142	-	4,238,854.2	4,238,854.2	4,238,854.2	27,216,780	4.59	-

SCHEDULE A4
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SYSTEM NET GENERATION AND FUEL COST
 APPLICABLE COMBUSTION
 MONTH OF: November 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	10,234	6.1	11.1	55.4	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	3,862	3.4	27.0	69.9	13,890	GAS	52,438	52,438	53,644.3	344,231	8.91	6.56
BAYSIDE CT1B	156	10,229	9.4	38.0	84.8	12,363	GAS	127,247	127,247	130,173.8	835,314	7.93	6.56
BAYSIDE CT1C	156	10,975	9.8	42.0	87.0	11,812	GAS	126,722	126,722	129,696.8	831,871	7.98	6.56
BAYSIDE UNIT 1 TOTAL	701	35,660	7.1	27.6	48.4	8,790	GAS	306,408	306,407	313,454.9	2,011,415	5.64	6.56
BAYSIDE ST 2	305	158,270	72.0	92.2	72.0	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	69,701	62.0	100.0	84.1	10,925	GAS	744,386	744,386	761,507.2	4,886,533	7.01	6.56
BAYSIDE CT2B	156	80,772	71.8	100.0	81.5	11,287	GAS	891,163	891,163	911,660.2	5,850,853	7.24	6.56
BAYSIDE CT2C	156	77,323	68.8	100.0	83.3	11,208	GAS	847,181	847,181	866,666.4	5,561,331	7.19	6.56
BAYSIDE CT2D	156	72,712	64.7	100.0	83.7	11,169	GAS	793,867	793,867	812,126.3	5,211,351	7.17	6.56
BAYSIDE UNIT 2 TOTAL	628	488,778	68.6	97.4	88.5	7,395	GAS	3,276,598	3,276,598	3,351,960.1	21,509,268	4.69	6.56
BAYSIDE UNIT 3 TOTAL	56	563	1.4	100.0	93.8	10,712	GAS	5,893	5,893	6,028.6	39,685	6.87	6.56
BAYSIDE UNIT 4 TOTAL	56	1,759	4.4	100.0	93.9	10,837	GAS	18,634	18,634	19,062.1	122,320	6.95	6.56
BAYSIDE UNIT 5 TOTAL	56	1,901	4.7	100.0	87.5	10,848	GAS	20,160	20,160	20,623.7	132,341	6.96	6.56
BAYSIDE UNIT 6 TOTAL	56	1,845	4.1	100.0	95.8	11,436	GAS	18,392	18,392	18,814.7	120,733	7.34	6.56
BAYSIDE STATION TOTAL	1,854	500,306	37.5	71.3	37.4	7,455	GAS	3,646,084	3,646,084	3,729,944.1	23,934,762	4.78	6.56
SYSTEM	5,431	1,444,020	38.9	73.8	42.3	7,369	-	-	-	10,641,343.5	66,578,851	4.75	-

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE

CC = COMBINED CYCLE
 ST = STEAM TURBINE

Footnotes:
⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

⁽⁴⁾ Consists of fixed costs and aerial survey adjustment

SCHEDULE A4
 PAGE 1 OF 2

SYSTEM NET GENERATION AND FUEL COST
 APAL ELECTRIC COMPANY
 MONTH OF: December 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ²	AS BURNED FUEL COST (\$) ¹⁰	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6		178	15.0		47.5	SOLAR						
BIG BEND SOLAR	19.7		1,344	9.2		22.2	SOLAR						
LEGOLAND SOLAR	1.4		133	12.8		32.8	SOLAR						
PAYNE CREEK SOLAR	70.1		6,253	12.0		30.4	SOLAR						
BALM SOLAR	74.2		5,545	10.0		25.6	SOLAR						
LITHIA SOLAR	74.3		7,372	13.3		34.0	SOLAR						
GRANGE HALL SOLAR	60.9		5,286	11.7		29.9	SOLAR						
PEACE CREEK SOLAR	55.2		5,464	13.3		34.0	SOLAR						
BONNIE MINE SOLAR	37.4		2,813	10.1		24.8	SOLAR						
LAKE HANCOCK SOLAR	49.3		4,906	13.4		34.1	SOLAR						
WIMAUMA SOLAR	74.7		6,654	12.0		29.9	SOLAR						
LITTLE MANATEE RIVER SOLAR	74.3		7,440	13.5		34.4	SOLAR						
DURRANCE	59.8		5,845	13.1		32.0	SOLAR						
ESA CANOPY SOLAR	0.0		54	0.0		0.0	SOLAR						
MICRO GRID SOLAR	0.0		0	0.0		0.0	SOLAR						
MAGNOLIA SOLAR	74.3		6,970	12.6		31.1	SOLAR						
JAMISON SOLAR	74.3		4,976	9.0		23.7	SOLAR						
BIG BEND 2 SOLAR	0.0		3,467	0.0		0.0	SOLAR						
MOUNTAIN VIEW SOLAR	0.0		3,368	0.0		0.0	SOLAR						
FLOATING SOLAR	0.0		76	0.0		0.0	SOLAR						
AGRI VOLTAGE SOLAR	0.0		98	0.0		0.0	SOLAR						
FLORIDA AQUARIUM SOLAR	0.0		0	0.0		0.0	SOLAR						
LAUREL OAKS SOLAR	0.0		6,470	0.0		0.0	SOLAR						
RIVERSIDE SOLAR	0.0		1,353	0.0		0.0	SOLAR						
SOLAR TOTAL	801.5		86,065	0.0	0.0								
BIG BEND 1 ST	0		113,964	0.0		0	GAS	0	0	0	0	0.00	0.00
BIG BEND 5 CT	350		132,254	50.8		8,852	GAS	1,139,997	1,139,997	1,170,777.3	9,862,583	7.46	8.65
BIG BEND 6 CT	350		144,099	55.3		8,752	GAS	1,227,683	2,267,680	2,431,607.5	10,621,184	7.37	8.65
BIG BEND #1 CC TOTAL	700		390,277	53.1	91.7	6,230	GAS	2,371,238	2,367,680	2,431,607.5	20,483,767	5.25	-
BIG BEND #2 TOTAL	0		0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	0		0	0.0		0.0	COAL	0	0	0	0	0.00	0.00
B.B.#3 (GAS)	355		12,675	4.8		42.9	GAS	134,980	134,980	138,624.5	1,167,767	9.21	8.65
BIG BEND #4 TOTAL	355		12,675	4.8	42.9	40.2	GAS	134,980	134,980	138,624.5	1,167,767	9.21	-
B.B.#4 (COAL)	432		193,576	60.2		89.0	COAL	90,150	90,150	2,081,217.7	7,716,815	3.99	85.60
B.B.#4 (GAS)	420		6,477	2.1		89.0	GAS	68,693	68,693	70,547.4	594,288	9.18	8.65
BIG BEND #5 TOTAL	432		200,053	62.2	89.0	63.2	GAS	68,693	68,693	2,151,765.1	8,311,104	4.15	-
B.B. IGNITION													
BIG BEND CT #4 TOTAL	61		142	0.3	46.3	28.7	GAS	3,557	0	3,653.5	30,777	21.67	8.65
BIG BEND STATION TOTAL	1,548		603,147	42.5	78.0	43.1	GAS	7,285,505	7,285,505	4,725,690.5	30,071,698	4.99	-
POLK #1 GASIFIER	220		(1,237)				COAL						
POLK #1 CT (GAS)	180		62,340	46.6		56.7	GAS	728,505	728,505	748,174.4	6,302,592	7.42	8.65
POLK #1 ST	50		22,622	60.8		97.5	GAS						
POLK #1 TOTAL	230		83,725	48.9	98.1	60.5	GAS	728,505	728,505	748,174.4	6,302,592	7.42	8.65
POLK #2 ST DUCT FIRING	480		2,322	0.7		13.5	GAS	18,991	18,991	19,503.7	164,298	7.08	8.65
POLK #2 ST W/O DUCT FIRING	341		109,085	43.0		13.5	GAS	18,991	18,991	19,503.7	164,298	7.08	8.65
POLK #2 ST TOTAL	480		111,407	31.2	70.2	13.5	GAS	18,991	18,991	19,503.7	164,298	7.08	8.65
POLK #2 CT (GAS)	180		76,584	57.2		75.3	GAS	830,912	830,912	853,347.0	7,188,562	9.39	8.65
POLK #2 CT (OIL)	187		52	0.0		33.4	LGT.OIL	259	259	1,507.7	35,859	68.96	138.65
POLK #2 TOTAL	180		76,584	57.2	100.0	75.3	GAS	830,912	830,912	853,347.0	7,188,562	9.39	8.65
POLK #3 CT (GAS)	180		68,332	51.1		75.6	GAS	735,757	735,757	755,622.8	6,365,337	9.32	8.65
POLK #3 CT (OIL)	187		52	0.0		33.4	LGT.OIL	259	259	1,507.7	35,859	68.96	138.65
POLK #3 TOTAL	180		68,384	51.1	100.0	75.6	GAS	735,757	735,757	755,622.8	6,365,337	9.32	8.65
POLK #4 TOTAL	180		31,442	23.5		74.9	GAS	341,839	341,839	351,068.5	2,957,387	9.41	8.65
POLK #5 TOTAL	180		29,967	22.4		38.9	GAS	321,994	321,994	330,687.7	2,785,701	9.30	8.65
POLK #2 CC TOTAL	1,200		317,784	35.6		70.3	GAS	2,311,737.3	2,311,737.3	19,497,143	6.14	-	
POLK STATION TOTAL	1,430		401,509	37.7	74.8	46.7	GAS	3,059,911.7	3,059,911.7	25,799,735	6.43	-	

SCHEDULE A4
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SYSTEM NET GENERATION AND FUEL COST
 APAL ELECTRIC COMPANY
 MONTH OF: December 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/kwh)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	243	119,846	66.3	99.0	66.3	-	-	-	-	-	-	-	-
BAYSIDE CT1A	183	66,039	48.5	98.2	70.3	11,411	GAS	733,748	733,748	753,559.0	6,347,562	9.61	8.65
BAYSIDE CT1B	183	87,455	64.2	100.0	70.5	11,416	GAS	972,163	972,163	998,411.7	8,410,582	9.62	8.65
BAYSIDE CT1C	183	63,545	46.7	98.8	72.3	11,106	GAS	687,184	687,184	705,737.8	5,945,108	9.36	8.65
BAYSIDE UNIT 1 TOTAL	792	336,885	57.2	99.0	57.2	7,295	GAS	2,393,095	2,393,095	2,457,708.5	20,703,641	6.15	8.65
BAYSIDE ST 2	315	41,714	17.8	50.2	40.7	-	-	-	-	-	-	-	-
BAYSIDE CT2A	183	11,284	8.3	23.1	71.0	11,277	GAS	123,907	123,907	127,252.8	1,071,973	9.50	8.65
BAYSIDE CT2B	183	22,106	16.2	38.3	66.4	11,836	GAS	254,767	254,767	261,645.6	2,204,093	9.97	8.65
BAYSIDE CT2C	183	32,840	24.1	51.8	65.7	11,824	GAS	378,099	378,099	386,307.6	3,271,088	9.96	8.65
BAYSIDE CT2D	183	14,139	10.4	22.5	69.9	11,538	GAS	158,848	158,848	163,137.4	1,374,283	9.72	8.65
BAYSIDE UNIT 2 TOTAL	1,047	122,083	15.7	38.8	35.9	7,703	GAS	915,622	915,622	940,343.5	7,921,417	6.40	8.65
BAYSIDE UNIT 3 TOTAL	61	821	1.8	98.6	85.9	10,682	GAS	8,637	8,637	8,767.6	73,658	9.00	8.65
BAYSIDE UNIT 4 TOTAL	61	949	2.1	98.6	87.3	10,721	GAS	9,911	9,911	10,179.1	85,748	9.04	8.65
BAYSIDE UNIT 5 TOTAL	61	1,588	3.5	100.0	79.5	11,264	GAS	17,417	17,417	17,887.4	150,683	9.49	8.65
BAYSIDE UNIT 6 TOTAL	61	942	2.1	98.9	69.4	11,734	GAS	10,760	10,760	11,050.2	93,086	9.88	8.65
BAYSIDE STATION TOTAL	2,083	483,268	29.9	68.7	29.9	7,438	GAS	3,355,342	3,355,342	3,445,936.3	29,028,433	6.27	8.65
SYSTEM	5,863	1,553,989	35.1	73.3	40.6	7,228				11,231,488.5	84,898,777	5.46	

LEGEND:
 B.B. = BIG BEND
 CC = COMBINED CYCLE
 CT = COMBUSTION TURBINE

Footnotes:
 (1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) Test Energy

(4) Consists of fixed costs and aerial survey adjustment

TAMPA ELECTRIC COMPANY
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
 ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH JUNE 2022

SCHEDULE E5

	ACTUAL					
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
HEAVY OIL						
1. PURCHASES:						
2. UNITS (BBL)	0	0	0	0	0	0
3. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT (\$)	0	0	0	0	0	0
5. BURNED:						
6. UNITS (BBL)	0	0	0	0	0	0
7. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT (\$)	0	0	0	0	0	0
9. ENDING INVENTORY:						
10. UNITS (BBL)	0	0	0	0	0	0
11. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT (\$)	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0
LIGHT OIL						
14. PURCHASES:						
15. UNITS (BBL)	0	0	11,172	0	1,771	0
16. UNIT COST (\$/BBL)	0.00	0.00	143.52	0.00	184.66	0.00
17. AMOUNT (\$)	18,029	0	1,603,370	0	327,038	0
18. BURNED:						
19. UNITS (BBL)	554	5,774	8,162	1,778	129	297
20. UNIT COST (\$/BBL)	132.06	134.56	136.34	136.64	166.46	138.61
21. AMOUNT (\$)	73,162	776,958	1,112,837	242,938	21,473	41,168
22. ENDING INVENTORY:						
23. UNITS (BBL)	43,680	37,906	40,916	39,138	40,780	40,483
24. UNIT COST (\$/BBL)	134.57	134.57	136.66	136.66	138.65	138.65
25. AMOUNT (\$)	5,877,931	5,100,973	5,591,506	5,348,568	5,654,133	5,612,965
26. DAYS SUPPLY: NORMAL	1,997	1,733	1,871	1,790	1,865	1,851
27. DAYS SUPPLY: EMERGENCY	6	5	6	6	6	6
COAL						
28. PURCHASES:						
29. UNITS (TONS)	48,537	114,573	54,049	56,512	33,646	48,665
30. UNIT COST (\$/TON)	64.88	53.21	89.58	66.42	66.23	73.53
31. AMOUNT (\$)	3,149,171	6,096,067	4,841,974	3,753,570	2,228,482	3,578,226
32. BURNED:						
33. UNITS (TONS)	42,037	72,372	80,814	31,741	69,693	73,764
34. UNIT COST (\$/TON)	63.80	62.61	82.09	65.02	65.18	58.77
35. AMOUNT (\$)	2,681,858	4,530,876	6,634,174	2,063,664	4,542,253	4,335,404
36. ENDING INVENTORY:						
37. UNITS (TONS)	195,998	218,569	129,927	154,698	118,650	93,551
38. UNIT COST (\$/TON)	62.11	60.35	63.90	64.98	65.85	76.21
39. AMOUNT (\$)	12,172,599	13,190,316	8,302,105	10,052,089	7,813,258	7,129,274
40. DAYS SUPPLY:	91	114	66	71	48	37
NATURAL GAS						
41. PURCHASES:						
42. UNITS (MCF)	10,553,020	8,704,534	9,361,569	10,572,209	11,022,444	11,095,949
43. UNIT COST (\$/MCF)	5.50	7.76	5.50	6.44	9.00	10.48
44. AMOUNT (\$)	57,995,606	67,532,070	51,455,646	68,108,680	99,225,806	116,328,170
45. BURNED:						
46. UNITS (MCF)	10,665,999	8,635,987	9,316,347	10,617,408	10,974,677	11,115,452
47. UNIT COST (\$/MCF)	5.49	7.24	6.00	6.43	8.99	10.45
48. AMOUNT (\$)	58,547,481	62,486,850	55,885,237	68,281,026	98,688,431	116,102,856
49. ENDING INVENTORY:						
50. UNITS (MCF)	291,050	359,597	404,819	359,620	407,387	387,885
51. UNIT COST (\$/MCF)	4.83	17.94	4.99	5.14	5.86	6.73
52. AMOUNT (\$)	1,404,779	6,449,999	2,020,408	1,848,062	2,385,437	2,610,751
53. DAYS SUPPLY:	1	1	1	1	1	1
NUCLEAR						
54. BURNED:						
55. UNITS (MMBTU)	0	0	0	0	0	0
56. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT (\$)	0	0	0	0	0	0
OTHER						
58. PURCHASES:						
59. UNITS (MMBTU)	0	0	0	0	0	0
60. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT (\$)	0	0	0	0	0	0
62. BURNED:						
63. UNITS (MMBTU)	0	0	0	0	0	0
64. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT (\$)	0	0	0	0	0	0
66. ENDING INVENTORY:						
67. UNITS (MMBTU)	0	0	0	0	0	0
68. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT (\$)	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
 (1) LIGHT OIL-IGNITION, OTHER USAGE, AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENTS (3) GAS-IGNITION AND ADDITIVES

TAMPA ELECTRIC COMPANY
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
 ACTUAL FOR THE PERIOD: JULY 2022 THROUGH DECEMBER 2022

SCHEDULE E5

	Actual						TOTAL
	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
HEAVY OIL							
1. PURCHASES:							
2. UNITS (BBL)	0	0	0	0	0	0	0
3. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT (\$)	0	0	0	0	0	0	0
5. BURNED:							
6. UNITS (BBL)	0	0	0	0	0	0	0
7. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT (\$)	0	0	0	0	0	0	0
9. ENDING INVENTORY:							
10. UNITS (BBL)	0	0	0	0	0	0	0
11. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT (\$)	0	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0	-
LIGHT OIL							
14. PURCHASES:							
15. UNITS (BBL)	0	0	0	0	0	0	12,943
16. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	150.54
17. AMOUNT (\$)	0	0	0	0	0	0	1,948,437
18. BURNED:							
19. UNITS (BBL)	455	266	640	255	162	259	18,731
20. UNIT COST (\$/BBL)	138.72	138.42	138.60	139.04	138.48	138.45	136.19
21. AMOUNT (\$)	63,117	36,820	88,703	35,454	22,433	35,859	2,550,922
22. ENDING INVENTORY:							
23. UNITS (BBL)	40,028	39,762	39,122	38,867	38,705	38,446	38,446
24. UNIT COST (\$/BBL)	138.65	138.65	138.65	138.65	138.65	138.65	138.65
25. AMOUNT (\$)	5,549,848	5,513,028	5,424,325	5,388,871	5,366,438	5,330,579	5,330,579
26. DAYS SUPPLY: NORMAL	1,830	1,818	1,789	1,777	1,770	1,758	-
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	6	5	-
COAL							
28. PURCHASES:							
29. UNITS (TONS)	87,986	68,916	52,909	54,439	52,384	53,219	725,835
30. UNIT COST (\$/TON)	43.40	65.91	96.24	86.61	105.35	107.67	73.11
31. AMOUNT (\$)	3,818,159	4,541,925	5,092,103	4,714,835	5,518,697	5,730,163	53,063,372
32. BURNED:							
33. UNITS (TONS)	67,860	82,511	24,431	0	16,612	90,150	651,985
34. UNIT COST (\$/TON)	80.40	82.47	97.85	0.00	153.65	85.60	76.34
35. AMOUNT (\$)	5,456,171	6,804,295	2,390,609	62,753	2,552,456	7,716,815	49,771,328
36. ENDING INVENTORY:							
37. UNITS (TONS)	84,900	71,305	99,783	154,222	189,994	153,064	153,064
38. UNIT COST (\$/TON)	76.82	74.10	80.91	82.92	82.96	91.68	91.68
39. AMOUNT (\$)	6,521,694	5,283,529	8,073,517	12,788,352	15,762,353	14,033,653	14,033,653
40. DAYS SUPPLY:	33	40	61	101	87	68	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	12,139,405	11,949,772	10,715,264	9,945,429	9,941,689	8,965,554	124,966,838
43. UNIT COST (\$/MCF)	9.38	12.79	10.91	8.27	6.53	8.64	8.55
44. AMOUNT (\$)	113,892,721	152,845,018	116,860,165	82,298,346	64,903,008	77,434,898	1,068,880,134
45. BURNED:							
46. UNITS (MCF)	12,162,710	11,927,972	10,623,228	9,997,372	10,054,664	8,917,289	125,009,105
47. UNIT COST (\$/MCF)	9.34	12.78	10.91	8.29	6.56	8.65	8.54
48. AMOUNT (\$)	113,644,965	152,415,465	115,850,186	82,857,001	66,003,962	77,147,102	1,067,910,562
49. ENDING INVENTORY:							
50. UNITS (MCF)	364,581	386,381	478,417	426,474	313,500	361,765	361,765
51. UNIT COST (\$/MCF)	7.84	8.51	8.98	8.77	8.42	8.09	8.09
52. AMOUNT (\$)	2,858,508	3,288,061	4,298,040	3,739,386	2,638,432	2,926,227	2,926,227
53. DAYS SUPPLY:	1	1	1	1	1	1	-
NUCLEAR							
54. BURNED:							
55. UNITS (MMBTU)	0	0	0	0	0	0	0
56. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT (\$)	0	0	0	0	0	0	0
OTHER							
58. PURCHASES:							
59. UNITS (MMBTU)	0	0	0	0	0	0	0
60. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT (\$)	0	0	0	0	0	0	0
62. BURNED:							
63. UNITS (MMBTU)	0	0	0	0	0	0	0
64. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT (\$)	0	0	0	0	0	0	0
66. ENDING INVENTORY:							
67. UNITS (MMBTU)	0	0	0	0	0	0	0
68. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT (\$)	0	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0	-

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
 (1) LIGHT OIL-IGNITION AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENTS (3) GAS-IGNITION

TAMPA ELECTRIC COMPANY
 POWER SOLD
 ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH JUNE 2022

SCHEDULE E6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
MONTH	SOLD TO	TYPE & SCHEDULE	MWH			CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST	GAINS ON MARKET BASED SALES	
			TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST				
			ACTUAL								
Jan-22	SEMINOLE	JURISD.	SCH. - D	4,050.0	0.0	4,050.0	3.099	3.409	125,525.72	138,078.29	10,471.04
	VARIOUS	JURISD.	SCH. - MA	44,652.0	0.0	44,652.0	3.175	5.304	1,417,717.29	2,368,457.77	841,326.51
	TOTAL			48,702.0	0.0	48,702.0	3.169	5.147	1,543,243.01	2,506,536.06	851,797.55
ACTUAL											
Feb-22	SEMINOLE	JURISD.	SCH. - D	4,439.0	0.0	4,439.0	3.119	3.430	138,433.20	152,276.52	11,693.74
	VARIOUS	JURISD.	SCH. - MA	13,461.0	0.0	13,461.0	3.879	4.776	522,208.31	642,883.11	87,261.83
	TOTAL			17,900.0	0.0	17,900.0	3.691	4.442	660,641.51	795,159.63	98,955.57
ACTUAL											
Mar-22	SEMINOLE	JURISD.	SCH. - D	3,889.0	0.0	3,889.0	2.982	3.280	115,964.60	127,561.06	9,752.47
	VARIOUS	JURISD.	SCH. - MA	13,997.0	0.0	13,997.0	3.338	4.927	467,177.08	689,579.70	193,084.33
	TOTAL			17,886.0	0.0	17,886.0	3.260	4.569	583,141.68	817,140.76	202,836.80
ACTUAL											
Apr-22	SEMINOLE	JURISD.	SCH. - D	2,772.0	0.0	2,772.0	3.997	4.397	110,804.46	121,884.91	10,186.43
	VARIOUS	JURISD.	SCH. - MA	20,725.0	0.0	20,725.0	4.860	6.073	1,007,248.75	1,258,684.06	199,542.06
	TOTAL			23,497.0	0.0	23,497.0	4.758	5.876	1,118,053.21	1,380,568.97	209,728.49
ACTUAL											
May-22	SEMINOLE	JURISD.	SCH. - D	3,462.0	0.0	3,462.0	4.612	5.074	159,679.23	175,647.15	14,668.32
	VARIOUS	JURISD.	SCH. - MA	57,706.0	0.0	57,706.0	6.986	10.487	4,031,131.43	6,051,480.19	1,908,868.68
	TOTAL			61,168.0	0.0	61,168.0	6.851	10.180	4,190,810.66	6,227,127.34	1,923,537.00
ACTUAL											
Jun-22	SEMINOLE	JURISD.	SCH. - D	2,874.0	0.0	2,874.0	5.279	5.807	151,727.19	166,899.91	14,285.00
	VARIOUS	JURISD.	SCH. - MA	62,224.0	0.0	62,224.0	6.854	11.180	4,265,038.87	6,956,494.97	2,553,029.08
	TOTAL			65,098.0	0.0	65,098.0	6.785	10.943	4,416,766.06	7,123,394.88	2,567,314.08

TAMPA ELECTRIC COMPANY
 POWER SOLD
 ACTUAL FOR THE PERIOD: JULY 2022 THROUGH DECEMBER 2022

SCHEDULE E6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	MWH		CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST	GAINS ON MARKET BASED SALES	
				FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST				
ACTUAL											
Jul-22	SEMINOLE	JURISD.	SCH. - D	2,988.0	0.0	2,988.0	6.719	7.391	200,766.64	220,843.30	19,279.57
	VARIOUS	JURISD.	SCH. - MA	38,017.0	0.0	38,017.0	8.999	12.978	3,421,204.12	4,933,729.54	1,428,892.29
	TOTAL			41,005.0	0.0	41,005.0	8.833	12.571	3,621,970.76	5,154,572.84	1,448,171.86
ACTUAL											
Aug-22	SEMINOLE	JURISD.	SCH. - D	2,578.0	0.0	2,578.0	6.753	7.428	174,084.19	191,492.61	16,657.85
	VARIOUS	JURISD.	SCH. - MA	41,434.0	0.0	41,434.0	9.041	12.061	3,746,005.30	4,997,351.22	1,183,646.05
	TOTAL			44,012.0	0.0	44,012.0	8.907	11.790	3,920,089.49	5,188,843.83	1,200,303.90
ACTUAL											
Sep-22	SEMINOLE	JURISD.	SCH. - D	2,126.0	0.0	2,126.0	5.750	6.325	122,237.42	134,461.16	11,822.42
	VARIOUS	JURISD.	SCH. - MA	25,106.0	0.0	25,106.0	8.273	10.849	2,076,929.51	2,723,744.87	605,472.88
	TOTAL			27,232.0	0.0	27,232.0	8.076	10.496	2,199,166.93	2,858,206.03	617,295.30
ACTUAL											
Oct-22	SEMINOLE	JURISD.	SCH. - D	1,540.0	0.0	1,540.0	3.822	4.204	58,852.47	64,737.72	5,459.87
	VARIOUS	JURISD.	SCH. - MA	18,174.0	0.0	18,174.0	4.344	6.251	789,534.76	1,136,083.81	318,615.64
	TOTAL			19,714.0	0.0	19,714.0	4.303	6.091	848,387.23	1,200,821.53	324,075.51
ACTUAL											
Nov-22	SEMINOLE	JURISD.	SCH. - D	2,173.0	0.0	2,173.0	3.841	4.225	83,456.79	91,802.47	7,713.95
	VARIOUS	JURISD.	SCH. - MA	22,889.0	0.0	22,889.0	4.270	7.346	977,382.07	1,681,324.24	668,121.00
	TOTAL			25,062.0	0.0	25,062.0	4.233	7.075	1,060,838.86	1,773,126.71	675,834.95
ACTUAL											
Dec-22	SEMINOLE	JURISD.	SCH. - D	2,248.0	0.0	2,248.0	4.485	4.933	100,821.31	110,903.44	9,259.98
	VARIOUS	JURISD.	SCH. - MA	10,990.9	5.9	10,985.0	5.417	10.194	595,048.16	1,119,812.72	506,269.46
	TOTAL			13,238.9	5.9	13,233.0	5.259	9.300	695,869.47	1,230,716.16	515,529.44
TOTAL											
Jan-22	SEMINOLE	JURISD.	SCH. - D	35,139.0	0.0	35,139.0	4.389	4.828	1,542,353.22	1,696,588.54	141,250.64
THRU	VARIOUS	JURISD.	SCH. - MA	369,375.9	5.9	369,370.0	6.313	9.356	23,316,625.65	34,559,626.20	10,494,129.81
Dec-22	TOTAL			404,514.9	5.9	404,509.0	6.145	8.963	24,858,978.87	36,256,214.74	10,635,380.45

TAMPA ELECTRIC COMPANY
 PURCHASED POWER
 (EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
 ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

SCHEDULE E7

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT
							(A) FUEL COST	(B) TOTAL COST	
ACTUAL									
Jan-22	VARIOUS	SCH. - J	22,970.0	0.0	0.0	22,970.0	4.365	4.365	1,002,609.18
	VARIOUS	OATT	464.0	0.0	0.0	464.0	-0.170	-0.170	(787.57)
	TOTAL		23,434.0	0.0	0.0	23,434.0	4.275	4.275	1,001,821.61
ACTUAL									
Feb-22	VARIOUS	SCH. - J	0.0	0.0	0.0	0.0	0.000	0.000	243,719.42
	VARIOUS	OATT	408.0	0.0	0.0	408.0	3.093	3.093	12,618.85
	TOTAL		408.0	0.0	0.0	408.0	62.828	62.828	256,338.27
ACTUAL									
Mar-22	VARIOUS	SCH. - J	36,372.0	0.0	0.0	36,372.0	4.873	4.873	1,772,521.40
	VARIOUS	OATT	3.0	0.0	0.0	3.0	2.570	2.570	77.11
	TOTAL		36,375.0	0.0	0.0	36,375.0	4.873	4.873	1,772,598.51
ACTUAL									
Apr-22	VARIOUS	SCH. - J	3,605.0	0.0	0.0	3,605.0	7.465	7.465	269,125.00
	VARIOUS	OATT	173.0	0.0	0.0	173.0	4.144	4.144	7,169.42
	TOTAL		3,778.0	0.0	0.0	3,778.0	7.313	7.313	276,294.42
ACTUAL									
May-22	VARIOUS	SCH. - J	14,425.0	0.0	0.0	14,425.0	8.046	8.046	1,160,679.30
	VARIOUS	OATT	1,079.0	0.0	0.0	1,079.0	5.545	5.545	59,832.75
	TOTAL		15,504.0	0.0	0.0	15,504.0	7.872	7.872	1,220,512.05
ACTUAL									
Jun-22	VARIOUS	SCH. - J	21,629.0	0.0	0.0	21,629.0	7.964	7.964	1,722,591.50
	VARIOUS	OATT	453.0	0.0	0.0	453.0	2.460	2.460	11,145.29
	TOTAL		22,082.0	0.0	0.0	22,082.0	7.851	7.851	1,733,736.79
ACTUAL									
Jul-22	VARIOUS	SCH. - J	3,368.0	0.0	0.0	3,368.0	1.439	1.439	48,474.20
	VARIOUS	OATT	1,928.0	0.0	0.0	1,928.0	6.571	6.571	126,685.78
	TOTAL		5,296.0	0.0	0.0	5,296.0	3.307	3.307	175,159.98
ACTUAL									
Aug-22	VARIOUS	SCH. - J	13,455.0	0.0	0.0	13,455.0	12.792	12.792	1,721,099.50
	VARIOUS	OATT	1,658.0	0.0	0.0	1,658.0	7.123	7.123	118,093.92
	TOTAL		15,113.0	0.0	0.0	15,113.0	12.170	12.170	1,839,193.42
ACTUAL									
Sep-22	VARIOUS	SCH. - J	68,802.0	0.0	0.0	68,802.0	9.635	9.635	6,628,760.85
	VARIOUS	OATT	1,602.0	0.0	0.0	1,602.0	8.090	8.090	129,606.08
	TOTAL		70,404.0	0.0	0.0	70,404.0	9.599	9.599	6,758,366.93
ACTUAL									
Oct-22	VARIOUS	SCH. - J	168,736.0	0.0	0.0	168,736.0	7.074	7.074	11,937,125.15
	VARIOUS	OATT	571.0	0.0	0.0	571.0	7.817	7.817	44,636.96
	TOTAL		169,307.0	0.0	0.0	169,307.0	7.077	7.077	11,981,762.11
ACTUAL									
Nov-22	VARIOUS	SCH. - J	134,952.0	0.0	0.0	134,952.0	10.165	10.165	13,717,378.67
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		134,952.0	0.0	0.0	134,952.0	10.165	10.165	13,717,378.67
ACTUAL									
Dec-22	VARIOUS	SCH. - J	43,857.0	0.0	385.8	43,471.2	8.606	8.606	3,740,918.21
	VARIOUS	OATT	204.0	0.0	0.0	204.0	11.069	11.069	22,580.08
	TOTAL		44,061.0	0.0	385.8	43,675.2	8.617	8.617	3,763,498.29
TOTAL									
Jan-22	VARIOUS	SCH. - J	532,171.0	0.0	385.8	531,785.2	8.267	8.267	43,965,002.38
THRU	VARIOUS	OATT	8,543.0	0.0	0.0	8,543.0	6.223	6.223	531,658.67
Dec-22	TOTAL		540,714.0	0.0	385.8	540,328.2	8.235	8.235	44,496,661.05

TAMPA ELECTRIC COMPANY
 ENERGY PAYMENT TO QUALIFYING FACILITIES
 ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

SCHEDULE E8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT
							(A) FUEL COST	(B) TOTAL COST	
ACTUAL Jan-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	8.1 3,796.0	0.0 0.0	0.0 0.0	8.1 3,796.0	1.814 2.763	1.814 2.763	146.24 104,894.96
	TOTAL		3,804.1	0.0	0.0	3,804.1	2.761	2.761	105,041.20
ACTUAL Feb-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	4,174.5 5,369.0	0.0 0.0	0.0 0.0	4,174.5 5,369.0	2.884 3.294	2.884 3.294	120,377.41 176,875.51
	TOTAL		9,543.5	0.0	0.0	9,543.5	3.115	3.115	297,252.92
ACTUAL Mar-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	31.6 4,332.0	0.0 0.0	0.0 0.0	31.6 4,332.0	2.879 3.195	2.879 3.195	908.75 138,418.45
	TOTAL		4,363.6	0.0	0.0	4,363.6	3.193	3.193	139,327.20
ACTUAL Apr-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	34.7 2,551.0	0.0 0.0	0.0 0.0	34.7 2,551.0	2.879 3.939	2.879 3.939	999.78 100,495.78
	TOTAL		2,585.7	0.0	0.0	2,585.7	3.925	3.925	101,495.56
ACTUAL May-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	69.0 10,849.0	0.0 0.0	0.0 0.0	69.0 10,849.0	2.879 4.808	2.879 4.808	1,987.75 521,634.48
	TOTAL		10,918.0	0.0	0.0	10,918.0	4.796	4.796	523,622.23
ACTUAL Jun-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	73.1 2,455.0	0.0 0.0	0.0 0.0	73.1 2,455.0	2.879 5.412	2.879 5.412	2,104.11 132,865.04
	TOTAL		2,528.1	0.0	0.0	2,528.1	5.339	5.339	134,969.15
ACTUAL Jul-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	32.3 36.0	0.0 0.0	0.0 0.0	32.3 36.0	2.879 7.857	2.879 7.857	931.37 2,828.35
	TOTAL		68.3	0.0	0.0	68.3	5.501	5.501	3,759.72
ACTUAL Aug-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	44.0 865.0	0.0 0.0	0.0 0.0	44.0 865.0	2.879 6.679	2.879 6.679	1,266.84 57,776.02
	TOTAL		909.0	0.0	0.0	909.0	6.495	6.495	59,042.86
ACTUAL Sep-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	25.3 639.0	0.0 0.0	0.0 0.0	25.3 639.0	2.879 5.208	2.879 5.208	727.73 33,281.15
	TOTAL		664.3	0.0	0.0	664.3	5.120	5.120	34,008.88
ACTUAL Oct-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	35.3 4,022.0	0.0 0.0	0.0 0.0	35.3 4,022.0	2.879 4.072	2.879 4.072	1,016.89 163,785.47
	TOTAL		4,057.3	0.0	0.0	4,057.3	4.062	4.062	164,802.36
ACTUAL Nov-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	41.5 6,663.0	0.0 0.0	0.0 0.0	41.5 6,663.0	2.879 3.733	2.879 3.733	1,194.01 248,744.97
	TOTAL		6,704.5	0.0	0.0	6,704.5	3.728	3.728	249,938.98
ACTUAL Dec-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	26.6 7,293.0	0.0 0.0	0.0 0.0	26.6 7,293.0	2.879 4.771	2.879 4.771	765.32 347,961.05
	TOTAL		7,319.6	0.0	0.0	7,319.6	4.764	4.764	348,726.37
TOTAL Jan-22 THRU Dec-22	VARIOUS	CO-GEN. NET METERING AS AVAIL.	4,596.0 48,870.0	0.0 0.0	0.0 0.0	4,596.0 48,870.0	2.881 4.153	2.881 4.153	132,426.20 2,029,561.23
	TOTAL		53,466.0	0.0	0.0	53,466.0	4.044	4.044	2,161,987.43

TAMPA ELECTRIC COMPANY
 ECONOMY ENERGY PURCHASES
 ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

SCHEDULE E9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	TRANSACT. COST cents/KWH	TOTAL \$ FOR FUEL ADJUSTMENT	COST IF GENERATED		FUEL SAVINGS (9B)-(8)
								(A) CENTS PER KWH	(B) DOLLARS	
ACTUAL	VARIOUS	SCH. - J	0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
Jan-22	TOTAL		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
ACTUAL	VARIOUS	SCH. - J	0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
Feb-22	TOTAL		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
ACTUAL	VARIOUS	SCH. - J	30,525.0	0.0	30,525.0	4.608	1,406,650.00	4.820	1,471,160.25	64,510.25
Mar-22	TOTAL		30,525.0	0.0	30,525.0	4.608	1,406,650.00	4.820	1,471,160.25	64,510.25
ACTUAL	VARIOUS	SCH. - J	6,608.0	0.0	6,608.0	7.689	508,120.00	12.106	799,933.38	291,813.38
Apr-22	TOTAL		6,608.0	0.0	6,608.0	7.689	508,120.00	12.106	799,933.38	291,813.38
ACTUAL	VARIOUS	SCH. - J	214,987.0	0.0	214,987.0	5.854	12,584,571.53	6.686	14,375,019.69	1,790,448.16
May-22	TOTAL		214,987.0	0.0	214,987.0	5.854	12,584,571.53	6.686	14,375,019.69	1,790,448.16
ACTUAL	VARIOUS	SCH. - J	246,967.0	0.0	246,967.0	5.970	14,745,105.61	5.995	14,805,084.00	59,978.39
Jun-22	TOTAL		246,967.0	0.0	246,967.0	5.970	14,745,105.61	5.995	14,805,084.00	59,978.39
ACTUAL	VARIOUS	SCH. - J	329,377.0	0.0	329,377.0	5.520	18,181,616.84	6.434	21,193,320.11	3,011,703.27
Jul-22	TOTAL		329,377.0	0.0	329,377.0	5.520	18,181,616.84	6.434	21,193,320.11	3,011,703.27
ACTUAL	VARIOUS	SCH. - J	285,202.0	0.0	285,202.0	9.376	26,740,045.80	10.447	29,794,086.21	3,054,040.41
Aug-22	TOTAL		285,202.0	0.0	285,202.0	9.376	26,740,045.80	10.447	29,794,086.21	3,054,040.41
ACTUAL	VARIOUS	SCH. - J	292,885.0	0.0	292,885.0	4.121	12,069,851.20	5.307	15,542,776.75	3,472,925.55
Sep-22	TOTAL		292,885.0	0.0	292,885.0	4.121	12,069,851.20	5.307	15,542,776.75	3,472,925.55
ACTUAL	VARIOUS	SCH. - J	76,900.0	0.0	76,900.0	9.411	7,236,709.92	11.154	8,577,669.92	1,340,960.00
Oct-22	TOTAL		76,900.0	0.0	76,900.0	9.411	7,236,709.92	11.154	8,577,669.92	1,340,960.00
ACTUAL	VARIOUS	SCH. - J	19,574.0	0.0	19,574.0	1.789	350,178.84	2.977	582,712.36	232,533.52
Nov-22	TOTAL		19,574.0	0.0	19,574.0	1.789	350,178.84	2.977	582,712.36	232,533.52
ACTUAL	VARIOUS	SCH. - J	5,883.0	0.0	5,883.0	5.112	300,724.00	8.657	509,266.92	208,542.92
Dec-22	TOTAL		5,883.0	0.0	5,883.0	5.112	300,724.00	8.657	509,266.92	208,542.92
TOTAL										
Jan-22										
THRU	VARIOUS	SCH. - J	1,508,908.0	0.0	1,508,908.0	6.238	94,123,573.74	7.134	107,651,029.59	13,527,455.85
Dec-22	TOTAL		1,508,908.0	0.0	1,508,908.0	6.238	94,123,573.74	7.134	107,651,029.59	13,527,455.85

EXHIBIT "B"

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 2

**PROJECTED FUEL AND PURCHASED POWER COST RECOVERY
ABSENT MIDCOURSE CORRECTION**

JANUARY 2023 - DECEMBER 2023

Schedule E2
 Estimated
 Page 1 of 3

TAMPA ELECTRIC COMPANY
 CALCULATION OF FUEL/JP
 AND ENERGY PURCHASE PROVISION
 ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
A. Fuel Cost and Net Power Transactions													
1. Fuel Cost of System Net Generation	63,468,671	55,848,720	55,390,082	54,665,773	63,381,835	70,484,615	78,439,848	77,677,699	72,134,654	68,331,257	55,331,428	62,725,317	777,878,899
1a. Fuel Related R&D and Demo. Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Fuel Cost of Power Sold ⁽¹⁾	161,539	166,528	143,763	89,903	120,321	96,235	108,857	120,562	156,451	134,941	146,471	129,799	1,575,370
3. Fuel Cost of Purchased Power	1,790,320	1,804,710	0	0	0	0	0	0	4,710	0	0	0	3,817,720
3a. Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
3b. Payments to Qualifying Facilities	183,860	162,520	144,580	132,170	152,920	141,350	164,850	138,020	146,150	141,890	130,070	149,440	1,787,820
4. Energy Cost of Economy Purchases	54,760	0	66,500	23,160	13,440	33,330	28,160	44,970	1,453,790	640,700	326,480	310,350	2,995,640
5. Total Fuel and Net Power Transactions	65,334,072	57,649,422	55,467,399	54,732,200	63,427,874	70,563,060	78,524,001	77,740,127	73,582,853	68,978,906	55,641,507	63,073,288	784,704,709
6. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
6a. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
7. ADJUSTED TOTAL FUEL AND NET POWER TRANSACTIONS	65,334,072	57,649,422	55,467,399	54,732,200	63,427,874	70,563,060	78,524,001	77,740,127	73,582,853	68,978,906	55,641,507	63,073,288	784,704,709
B. MWH Sales													
1. Jurisdictional Sales	1,512,552	1,387,952	1,366,922	1,448,850	1,618,094	1,857,135	1,952,000	1,957,598	2,008,757	1,845,885	1,550,632	1,446,115	19,953,481
2. Non-Jurisdictional Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
3. TOTAL SALES	1,512,552	1,387,952	1,366,922	1,448,850	1,618,094	1,857,135	1,952,000	1,957,598	2,008,757	1,845,885	1,550,632	1,446,115	19,953,481
4. Jurisdictional % of Total Sales	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000	100.00000

⁽¹⁾ Includes Gains

TAMPA ELECTRIC COMPANY
REGULATORY PROVISION
ESTIMATED FOR THE PERIODS: JANUARY 2023 THROUGH DECEMBER 2023

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
C. True-Up Calculation													
1. Jurisdictional Fuel Revenue	72,388,198	66,184,332	65,029,374	69,222,868	77,822,216	90,118,393	94,989,695	95,186,062	97,902,844	89,291,909	74,205,906	68,886,026	981,227,823
2. Adjustment to Fuel Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
2a. True-up Provision	0	0	0	0	0	0	0	0	0	0	0	0	0
2b. Incentive Provision	(45,514)	(45,514)	(45,514)	(45,514)	(45,514)	(45,514)	(45,514)	(45,514)	(45,514)	(45,514)	(45,514)	(45,514)	(546,170)
2c. Optimization Mechanism-2021 Gains	(401,656)	(401,656)	(401,656)	(401,656)	(401,656)	(401,656)	(401,656)	(401,656)	(401,656)	(401,656)	(401,656)	(401,656)	(4,919,866)
3. JURISD. FUEL REVENUE APPLICABLE TO PERIOD	71,941,028	65,737,162	64,622,204	68,775,698	77,375,046	89,671,223	94,542,525	94,738,892	97,455,674	88,844,739	73,758,736	68,438,860	955,861,787
4. Adjusted Total Fuel and Net Power Transactions (Line A7)	65,334,072	57,649,422	55,457,399	54,732,200	63,427,874	70,563,060	78,524,001	77,740,127	73,582,853	68,978,906	55,641,507	63,073,288	784,704,709
5. Jurisdictional % of Total Sales (Line B4)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	-
6. Jurisdictional Total Fuel and Net Power Transactions	65,334,072	57,649,422	55,457,399	54,732,200	63,427,874	70,563,060	78,524,001	77,740,127	73,582,853	68,978,906	55,641,507	63,073,288	784,704,709
6a. Jurisdictional Loss Multiplier	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	-
6b. JURISD. TOTAL FUEL & NET POWER TRANSACTIONS Adjusted for Line Losses	65,334,072	57,649,422	55,457,399	54,732,200	63,427,874	70,563,060	78,524,001	77,740,127	73,582,853	68,978,906	55,641,507	63,073,288	784,704,709
7. True-up Provision for Month +/- Collected (Line 3-bb-6b)	6,606,956	8,087,740	9,124,805	14,043,498	13,947,172	19,108,163	16,016,524	16,989,765	23,872,821	19,885,833	18,117,229	5,385,572	171,157,078
8. Interest Provision for the Month	(1,590,087)	(1,272,298)	(1,253,963)	(1,267,438)	(1,277,667)	(1,236,950)	(1,175,480)	(1,113,573)	(1,063,722)	(1,010,043)	(963,651)	(935,844)	(14,150,716)
9. True-up and Interest Provision Beginning of Month (Schedule E-1A, Line 1)	(517,988,788)	(512,962,899)	(506,147,457)	(498,276,615)	(485,600,555)	(472,831,050)	(454,959,837)	(440,116,793)	(424,231,601)	(401,422,502)	(382,586,712)	(365,413,134)	-
10. True-up Collected (Refunded)	0	0	0	0	0	0	0	0	0	0	0	0	0
11. END OF PERIOD TOTAL NET TRUE-UP	(512,962,899)	(506,147,457)	(498,276,615)	(485,600,555)	(472,831,050)	(454,959,837)	(440,116,793)	(424,231,601)	(401,422,502)	(382,586,712)	(365,413,134)	(360,983,406)	0

TAMPA ELECTRIC COMPANY
 CALCULATION OF TRUE-UP AND INTEREST PROVISION
 ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
D. Interest Provision													
1. Beginning True-up Amount	(517,989,769)	(512,962,899)	(506,147,457)	(498,276,615)	(485,500,555)	(472,831,050)	(454,959,837)	(440,116,793)	(424,231,601)	(401,422,502)	(382,586,712)	(365,413,134)	0
2. Ending True-up Amount Before Interest	(511,382,812)	(504,875,159)	(497,022,652)	(484,233,117)	(471,553,383)	(453,722,887)	(438,941,313)	(423,118,028)	(400,359,760)	(381,556,669)	(364,449,483)	(350,047,562)	171,157,078
3. Total Beginning and Ending True-up Amount	(1,029,372,580)	(1,017,838,058)	(1,003,170,109)	(982,509,732)	(957,053,938)	(926,553,937)	(893,901,150)	(863,234,821)	(824,590,381)	(782,979,171)	(747,016,195)	(725,460,696)	171,157,078
4. Average True-up Amount	(514,686,290)	(508,919,029)	(501,956,055)	(491,254,866)	(478,526,969)	(463,276,969)	(446,950,575)	(431,617,411)	(412,295,191)	(391,489,566)	(373,508,098)	(362,730,348)	85,578,539
5. Interest Rate @ First Day of Month	4.370	3.000	3.000	3.000	3.200	3.200	3.200	3.100	3.100	3.100	3.100	3.100	3.206
6. Interest Rate @ Last Day of Month	3.000	3.000	3.000	3.200	3.200	3.200	3.100	3.100	3.100	3.100	3.100	3.100	3.100
7. Total Beginning and Ending Interest Rate	7.370	6.000	6.000	6.200	6.400	6.400	6.300	6.200	6.200	6.200	6.200	6.200	6.306
8. Average Interest Rate	3.685	3.000	3.000	3.100	3.200	3.200	3.150	3.100	3.100	3.100	3.100	3.100	3.153
9. Monthly Average Interest Rate	0.307	0.250	0.250	0.258	0.267	0.267	0.263	0.258	0.258	0.258	0.258	0.258	0.263
10. Interest Provision	(1,580,087)	(1,272,298)	(1,253,943)	(1,267,438)	(1,277,667)	(1,236,950)	(1,175,480)	(1,113,573)	(1,063,722)	(1,010,049)	(963,651)	(935,644)	(14,150,716)

EXHIBIT "C"

**EXHIBIT TO THE TESTIMONY OF
M. ASHLEY SIZEMORE**

DOCUMENT NO. 3

PROJECTED FUEL AND PURCHASED POWER COST RECOVERY

JANUARY 2023 - DECEMBER 2023

**SCHEDULES E1 THROUGH E10
SCHEDULE H1**

TAMPA ELECTRIC COMPANY

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PAGE NO.	DESCRIPTION	PERIOD
2	Schedule E1 Cost Recovery Clause Calculation	(JAN. 2023 - DEC. 2023)
3	Schedule E1-C GPIF & True-Up Adj. Factors	(")
4	Schedule E1-D Fuel Adjustment Factor for TOD	(")
5	Schedule E1-E Fuel Recovery Factor-with Line Losses	(")
6	Schedule E2 Cost Recovery Clause Calculation (By Month)	(")
7	Schedule E3 Generating System Comparative Data	(")
8-9	Schedule E4 System Net Generation & Fuel Cost	(")
10-33	Schedule E5 Inventory Analysis	(")
34-35	Schedule E6 Power Sold	(")
36-37	Schedule E7 Purchased Power	(")
38	Schedule E8 Energy Payment to Qualifying Facilities	(")
39	Schedule E9 Economy Energy Purchases	(")
40	Schedule E10 Residential Bill Comparison	(")
41	Schedule H1 Generating System Comparative Data	(JAN. - DEC. 2020-2023)

**TAMPA ELECTRIC COMPANY
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023**

SCHEDULE E1

	DOLLARS	MWH	CENTS/KWH
1. Fuel Cost of System Net Generation (E3)	777,878,899	20,907,900	3.72050
2. Nuclear Fuel Disposal Cost	0	0	0.00000
3. Coal Car Investment	0	0	0.00000
4a. Adjustment	0	20,907,900 ⁽¹⁾	0.00000
4b. Adjustment	0	0	0.00000
5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4b)	777,878,899	20,907,900	3.72050
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	3,617,720	57,900	6.24822
7. Energy Cost of Economy Purchases (E9)	2,995,640	30,200	9.91934
8. Demand and Non-Fuel Cost of Purchased Power	0	0	0.00000
9. Energy Payments to Qualifying Facilities (E8)	1,787,820	64,970	2.75176
10. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9)	8,401,180	153,070	5.48846
11. TOTAL AVAILABLE MWH (LINE 5 + LINE 10)		21,060,970	
12. Fuel Cost of Schedule D Sales - Jurisd. (E6)	1,442,850	40,120	3.59634
13. Fuel Cost of Market Based Sales - Jurisd. (E6)	0	0	0.00000
14. Gains on Sales	132,520	NA	NA
15. TOTAL FUEL COST AND GAINS OF POWER SALES	1,575,370	40,120	3.92665
16. Net Inadvertant Interchange		0	
17. Wheeling Received Less Wheeling Delivered		0	
18. Interchange and Wheeling Losses		1,372	
19. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-15+16+17-18)	784,704,709	21,019,478	3.73323
20. Net Unbilled	NA ^{(1)(a)}	NA ^(a)	NA
21. Company Use	1,433,560 ⁽¹⁾	38,400	0.00718
22. T & D Losses	38,362,541 ⁽¹⁾	1,027,596	0.19226
23. System MWH Sales	784,704,709	19,953,481	3.93267
24. Wholesale MWH Sales	0	0	0.00000
25. Jurisdictional MWH Sales	784,704,709	19,953,481	3.93267
26. Jurisdictional Loss Multiplier			1.00000
27. Jurisdictional MWH Sales Adjusted for Line Loss	784,704,709	19,953,481	3.93267
28. Optimization Mechanism ⁽²⁾	4,819,866	19,953,481	0.02416
29. True-up ⁽²⁾	213,547,121	19,953,481	1.07022
30. Total Jurisdictional Fuel Cost (Excl. GPIF)	1,003,071,696	19,953,481	5.02705
31. Revenue Tax Factor			1.00072
32. Fuel Factor (Excl. GPIF) Adjusted for Taxes	1,003,793,907	19,953,481	5.03067
33. GPIF Adjusted for Taxes ⁽²⁾	546,170	19,953,481	0.00274
34. Fuel Factor Adjusted for Taxes Including GPIF	1,004,340,077	19,953,481	5.03341
35 Fuel Factor Rounded to Nearest .001 cents per KWH			5.033

^(a) Data not available at this time.

⁽¹⁾ Included For Informational Purposes Only

⁽²⁾ Calculation Based on Jurisdictional MWH Sales

**TAMPA ELECTRIC COMPANY
 INCENTIVE FACTOR AND TRUE-UP FACTOR
 FOR THE PERIOD: APRIL 2023 THROUGH DECEMBER 2023**

SCHEDULE E1-C

1. TOTAL AMOUNT OF ADJUSTMENTS		
A. GENERATING PERFORMANCE INCENTIVE REWARD / (PENALTY) (January 2023 through December 2023)	\$546,170	
B. TRUE-UP OVER / (UNDER) RECOVERED (April 2023 through December 2023)	(\$213,547,121)	
C. OPTIMIZATION MECHANISM GAIN / (LOSS) (January 2023 through December 2023)	\$4,819,866	
2. TOTAL SALES		
(January 2023 through December 2023)	19,953,481	MWh
(April 2023 through December 2023)	15,686,056	
3. ADJUSTMENT FACTORS		
A. GENERATING PERFORMANCE INCENTIVE FACTOR (Using Effective MWh Sales of 19,923,795)	0.0035	Cents/kWh
B. TRUE-UP FACTOR (Using Effective MWh Sales of 15,663,447)	1.3633	Cents/kWh
C. OPTIMIZATION MECHANISM FACTOR (Using Effective MWh Sales of 19,923,795)	0.0308	Cents/kWh

**DETERMINATION OF FUEL RECOVERY FACTOR
 TIME OF USE RATE SCHEDULES
 TAMPA ELECTRIC COMPANY
 ESTIMATED FOR THE PERIOD: APRIL 2023 THROUGH DECEMBER 2023**

SCHEDULE E1-D

			NET ENERGY FOR LOAD (%)	FUEL COST (%)
	ON PEAK		30.09	\$38.30
	OFF PEAK		69.91	\$34.63
			<u>100.00</u>	<u>1.1060</u>
		TOTAL	ON PEAK	OFF PEAK
1	Total Fuel & Net Power Trans (Jurisd)			
2	MWH Sales (Jurisd)	(Sch E1 line 25)		
2a	Effective MWH Sales (Jurisd)	(Sch E1 line 25)		
3	Cost/Per KWH Sold	(line 1 / line 2)		
4	Jurisdictional Loss Factor			
5	Jurisdictional Fuel Factor			
6	True-Up	NA		
7	Optimization Mechanism	(Sch E1 line 29)		
8	Revenue Tax Factor	(Sch E1 line 28)		
9	Recovery Factor	(line 1 x line 4) + line 6 + line 7		
10	GPIF Factor			
11	Recovery Factor Including GPIF	(line 8 x line 9) / line 2a / 10		
12	Recovery Factor Rounded to the Nearest .001 cents/KWH	(Sch E1-C line 3A) (line 10 + line 11)	5.6423	5.1016
13			<u>5.642</u>	<u>5.102</u>

14	Hours: ON PEAK		25.59%	
15	OFF PEAK		<u>74.41%</u>	
			<u>100.00%</u>	

Metering Voltage:	Meter	Line Loss	Secondary	
Distribution Secondary		13,954,729	13,954,729	
Distribution Primary		1,201,662	1,189,646	
Transmission		529,665	519,072	
Total		<u>15,686,056</u>	<u>15,663,447</u>	
		Standard	On-Peak	Off-Peak
Distribution Secondary		5,264	5,642	5,102
Distribution Primary		5,211	5,586	5,051
Transmission		5,159	5,529	5,000
RS 1st Tier		4,933		
RS 2nd Tier		5,933		
Lighting		5,194		

SCHEDULE E1-E

TAMPA ELECTRIC COMPANY
 FUEL COST RECOVERY FACTORS
 ESTIMATED FOR THE PERIOD: APRIL 2023 THROUGH DECEMBER 2023

METERING VOLTAGE LEVEL	LEVELIZED FUEL RECOVERY FACTOR cents/kWh	FIRST TIER (Up to 1000 kWh) cents/kWh	SECOND TIER (OVER 1000 kWh) cents/kWh
STANDARD			
Distribution Secondary (RS only)		4.933	5.933
Distribution Secondary	5.264		
Distribution Primary	5.211		
Transmission	5.159		
Lighting Service ⁽¹⁾	5.194		
TIME-OF-USE			
Distribution Secondary - On-Peak	5.642		
Distribution Secondary - Off-Peak	5.102		
Distribution Primary - On-Peak	5.586		
Distribution Primary - Off-Peak	5.051		
Transmission - On-Peak	5.529		
Transmission - Off-Peak	5.000		

(1) Lighting service is based on distribution secondary, 17% on-peak and 83% off-peak

SCHEDULE E2

TAMPA ELECTRIC COMPANY
 FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
 ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

	ESTIMATED												(m) TOTAL PERIOD
	(a) Jan-23	(b) Feb-23	(c) Mar-23	(d) Apr-23	(e) May-23	(f) Jun-23	(g) Jul-23	(h) Aug-23	(i) Sep-23	(j) Oct-23	(k) Nov-23	(l) Dec-23	
1. Fuel Cost of System Net Generation	63,486,671	55,848,720	55,390,082	54,666,773	63,381,835	70,484,615	78,439,848	77,677,899	72,134,854	68,331,257	55,331,428	62,725,317	777,878,899
2. Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Fuel Cost of Power Sold ⁽¹⁾	161,539	166,628	143,763	89,903	120,321	96,235	108,857	120,562	156,451	134,941	146,471	129,799	1,575,370
4. Fuel Cost of Purchased Power	1,790,320	1,804,710	0	0	0	0	0	0	4,710	0	0	17,990	3,617,720
5. Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Payments to Qualifying Facilities	183,860	162,520	144,580	132,170	152,920	141,350	164,850	138,020	146,150	141,890	130,070	149,440	1,787,820
7. Energy Cost of Economy Purchases	54,760	0	66,500	23,160	13,440	33,330	28,160	44,970	1,453,790	640,700	326,480	310,350	2,995,640
8. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
10. TOTAL FUEL & NET POWER TRANSACTIONS	65,334,072	57,649,422	55,457,399	54,732,200	63,427,874	70,563,060	78,524,001	77,740,127	73,582,853	68,978,906	55,641,507	63,073,288	784,704,709
11. Jurisdictional MWh Sold	1,512,552	1,387,952	1,366,922	1,449,850	1,618,094	1,867,135	1,952,000	1,957,588	2,008,757	1,845,885	1,550,632	1,446,115	19,953,481
12. Jurisdictional % of Total Sales	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
13. Jurisdictional Total Fuel & Net Power Transactions (Line 10 * Line 12)	65,334,072	57,649,422	55,457,399	54,732,200	63,427,874	70,563,060	78,524,001	77,740,127	73,582,853	68,978,906	55,641,507	63,073,288	784,704,709
14. Jurisdictional Loss Multiplier	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000	1,00000
15. JURISD. TOTAL FUEL & NET PWR. TRANS. Adjusted for Line Losses (Line 13 * Line 14)	65,334,072	57,649,422	55,457,399	54,732,200	63,427,874	70,563,060	78,524,001	77,740,127	73,582,853	68,978,906	55,641,507	63,073,288	784,704,709
16. Cost Per kWh Sold (Cents/kWh)	4,3195	4,1536	4,0571	3,7750	3,9199	3,7996	4,0227	3,9712	3,8631	3,7669	3,5883	4,3616	3,9527
17. Optimization Mechanism (Cents/kWh) ⁽²⁾	0,0308	0,0308	0,0308	0,0308	0,0308	0,0308	0,0308	0,0308	0,0308	0,0308	0,0308	0,0308	0,0308
18. True-up (Cents/kWh) ⁽²⁾	1,3631	1,3631	1,3631	1,3631	1,3631	1,3631	1,3631	1,3631	1,3631	1,3631	1,3631	1,3631	1,3631
19. Total (Cents/kWh) (Line 16+17+18)	5,7134	5,5475	5,4510	5,1726	5,3176	5,1972	5,4205	5,3690	5,0606	5,1345	4,9858	5,7596	5,3304
20. Revenue Tax Factor	1,00072	1,00072	1,00072	1,00072	1,00072	1,00072	1,00072	1,00072	1,00072	1,00072	1,00072	1,00072	1,00072
21. Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPF)	5,7175	5,5515	5,4549	5,1726	5,3176	5,1972	5,4205	5,3690	5,0606	5,1345	4,9858	5,7596	5,3304
22. GPF Adjusted for Taxes (Cents/kWh) ⁽²⁾	0,0035	0,0035	0,0035	0,0035	0,0035	0,0035	0,0035	0,0035	0,0035	0,0035	0,0035	0,0035	0,0035
23. TOTAL RECOVERY FACTOR (LINE 21+22)	5,7210	5,5550	5,4584	5,1761	5,3211	5,2007	5,4240	5,3725	5,0641	5,1380	4,9893	5,7631	5,3339
24. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH	5,721	5,555	5,458	5,176	5,321	5,201	5,424	5,373	5,064	5,138	4,989	5,763	5,334

⁽¹⁾ Includes Gains
⁽²⁾ Based on Effective MWh Sales shown on Schedule E1-C

TAMPA ELECTRIC COMPANY
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH JUNE 2023

SCHEDULE E3

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
FUEL COST OF SYSTEM NET GENERATION (\$)						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	92,228	92,229	92,231	92,233	92,235	92,236
3. COAL	1,428,080	1,074,152	1,641,578	0	0	2,544,711
4. NATURAL GAS	61,946,363	54,682,339	53,656,273	54,574,540	63,289,600	67,847,668
5. SOLAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL (\$)	63,466,671	55,848,720	55,390,082	54,666,773	63,381,835	70,484,615
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	300	300	300	300	300	300
10. COAL	32,420	24,230	36,660	0	0	56,140
11. NATURAL GAS	1,363,030	1,199,790	1,320,390	1,384,600	1,652,370	1,745,650
12. SOLAR	120,620	135,310	165,790	207,750	229,520	196,970
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	1,516,370	1,359,630	1,523,140	1,592,650	1,882,190	1,999,060
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	665	665	665	665	665	665
17. COAL (TON)	16,440	12,260	18,570	0	0	28,680
18. NATURAL GAS (MCF)	9,234,345	8,069,055	9,211,125	9,293,805	11,095,785	11,750,405
19. SOLAR	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0
BTUS BURNED (MMBTU)						
21. HEAVY OIL	0	0	0	0	0	0
22. LIGHT OIL	3,900	3,900	3,900	3,900	3,900	3,900
23. COAL	369,920	275,940	417,760	0	0	645,330
24. NATURAL GAS	9,478,310	8,295,020	9,453,570	9,554,060	11,406,490	12,074,270
25. SOLAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
27. TOTAL (MMBTU)	9,852,130	8,574,860	9,875,230	9,557,960	11,410,390	12,723,500
GENERATION MIX (% MWH)						
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.02	0.02	0.02	0.02	0.02	0.02
30. COAL	2.14	1.79	2.41	0.00	0.00	2.81
31. NATURAL GAS	89.89	88.24	86.69	86.94	87.79	87.32
32. SOLAR	7.95	9.95	10.88	13.04	12.19	9.85
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
34. TOTAL (%)	100.00	100.00	100.00	100.00	100.00	100.00
FUEL COST PER UNIT						
35. HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL (\$/BBL)	138.69	138.69	138.69	138.70	138.70	138.70
37. COAL (\$/TON)	86.87	87.61	88.40	0.00	0.00	88.73
38. NATURAL GAS (\$/MCF)	6.71	6.78	5.83	5.87	5.70	5.77
39. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)						
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	23.65	23.65	23.65	23.65	23.65	23.65
43. COAL	3.86	3.89	3.93	0.00	0.00	3.94
44. NATURAL GAS	6.54	6.59	5.68	5.71	5.55	5.62
45. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL (\$/MMBTU)	6.44	6.51	5.61	5.72	5.55	5.54
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	13,000	13,000	13,000	13,000	13,000	13,000
50. COAL	11,410	11,388	11,396	0	0	11,495
51. NATURAL GAS	6,954	6,914	7,160	6,900	6,903	6,917
52. SOLAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	6,497	6,307	6,483	6,001	6,062	6,365
GENERATED FUEL COST PER KWH (CENTS/KWH)						
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	30.74	30.74	30.74	30.74	30.75	30.75
57. COAL	4.40	4.43	4.48	0.00	0.00	4.53
58. NATURAL GAS	4.54	4.56	4.06	3.94	3.83	3.89
59. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	4.19	4.11	3.64	3.43	3.37	3.53

TAMPA ELECTRIC COMPANY
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ESTIMATED FOR THE PERIOD: JULY 2023 THROUGH DECEMBER 2023

SCHEDULE E3

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
FUEL COST OF SYSTEM NET GENERATION (\$)							
1. HEAVY OIL	0	0	0	0	0	0	0
2. LIGHT OIL	92,238	92,230	92,217	92,196	92,166	92,128	1,106,567
3. COAL	5,127,816	1,389,464	5,544,287	7,201,120	2,825,947	3,258,340	32,035,495
4. NATURAL GAS	73,219,794	76,196,005	66,498,150	61,037,941	52,413,315	59,374,849	744,736,837
5. SOLAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	78,439,848	77,677,699	72,134,654	68,331,257	55,331,428	62,725,317	777,878,899
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	300	300	300	300	300	300	3,600
10. COAL	112,780	29,790	122,740	157,980	61,370	71,690	705,800
11. NATURAL GAS	1,791,400	1,911,660	1,661,810	1,520,540	1,265,590	1,329,360	18,146,190
12. SOLAR	191,510	197,840	171,090	170,200	131,310	134,400	2,052,310
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	2,095,990	2,139,590	1,955,940	1,849,020	1,458,570	1,535,750	20,907,900
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	665	665	665	665	665	665	7,980
17. COAL (TON)	57,570	15,240	61,960	80,120	31,350	36,060	358,250
18. NATURAL GAS (MCF)	12,086,385	12,882,985	11,226,405	10,151,895	8,471,695	9,030,425	122,504,310
19. SOLAR	0	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
21. HEAVY OIL	0	0	0	0	0	0	0
22. LIGHT OIL	3,900	3,900	3,900	3,900	3,900	3,900	46,800
23. COAL	1,295,270	342,820	1,394,110	1,802,620	705,290	811,330	8,060,390
24. NATURAL GAS	12,412,370	13,238,550	11,535,650	10,434,010	8,703,740	9,275,970	125,862,010
25. SOLAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	13,711,540	13,585,270	12,933,660	12,240,530	9,412,930	10,091,200	133,969,200
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.01	0.01	0.02	0.02	0.02	0.02	0.02
30. COAL	5.38	1.39	6.27	8.55	4.21	4.67	3.37
31. NATURAL GAS	85.47	89.35	84.96	82.23	86.77	86.56	86.79
32. SOLAR	9.14	9.25	8.75	9.20	9.00	8.75	9.82
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34. TOTAL (%)	100.00	100.00	100.00	100.00	100.00	100.00	100.00
FUEL COST PER UNIT							
35. HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL (\$/BBL)	138.70	138.69	138.67	138.64	138.60	138.54	138.67
37. COAL (\$/TON)	89.07	91.17	89.48	89.88	90.14	90.36	89.42
38. NATURAL GAS (\$/MCF)	6.06	5.91	5.92	6.01	6.19	6.57	6.08
39. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)							
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	23.65	23.65	23.65	23.64	23.63	23.62	23.64
43. COAL	3.96	4.05	3.98	3.99	4.01	4.02	3.97
44. NATURAL GAS	5.90	5.76	5.76	5.85	6.02	6.40	5.92
45. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL (\$/MMBTU)	5.72	5.72	5.58	5.58	5.88	6.22	5.81
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	13,000	13,000	13,000	13,000	13,000	13,000	13,000
50. COAL	11,485	11,508	11,358	11,410	11,492	11,317	11,420
51. NATURAL GAS	6,929	6,925	6,942	6,862	6,877	6,978	6,936
52. SOLAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	6,542	6,349	6,613	6,620	6,454	6,571	6,408
GENERATED FUEL COST PER KWH (CENTS/KWH)							
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	30.75	30.74	30.74	30.73	30.72	30.71	30.74
57. COAL	4.55	4.66	4.52	4.56	4.60	4.55	4.54
58. NATURAL GAS	4.09	3.99	4.00	4.01	4.14	4.47	4.10
59. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	3.74	3.63	3.69	3.70	3.79	4.08	3.72

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: JANUARY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA- BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	16.9	220	19.3	-	19.3	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	18.9	170	1.2	-	1.2	-	SOLAR	-	-	-	-	-	-
3. LEGGLAND SOLAR	14	2,330	23.7	-	23.7	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	8,150	15.6	-	15.6	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	8,470	15.3	-	15.3	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	60.9	7,200	18.4	-	18.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	55.2	6,440	15.9	-	15.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	37.4	4,340	15.6	-	15.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	49.3	5,450	14.9	-	14.9	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	74.5	8,710	17.5	-	17.5	-	SOLAR	-	-	-	-	-	-
11. MANATEE RIVER SOLAR	59.8	6,880	15.5	-	15.5	-	SOLAR	-	-	-	-	-	-
12. DURRANCE SOLAR	31.4	3,630	15.5	-	15.5	-	SOLAR	-	-	-	-	-	-
13. FUTURE SOLAR	74.3	8,280	11.4	-	11.4	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	54.4	6,610	21.3	-	21.3	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,610	15.6	-	15.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	14.2	6,270	59.3	-	59.3	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	55.0	6,970	17.0	-	17.0	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	70.0	8,110	3.1	-	3.1	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	1321.5	120,620	12.3	-	12.3	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	792,790	318.1	0.0	326.4	6,273	GAS	4,837,900	1,028,002	4,973,370.0	32,453,878	4.09	6.71
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. B.B.#3 (GAS)	365	16,800	6.4	-	-	-	GAS	193,360	1,028,031	198,780.0	1,297,110	7.72	6.71
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	365	16,800	6.4	82.1	34.3	11,932	-	-	-	198,780.0	1,297,110	7.72	-
32. B.B.#4 (GAS)	420	1,710	0.5	-	-	-	GAS	18,940	1,027,983	19,470.0	127,054	7.43	6.71
33. B.B.#4 (COAL)	432	32,420	10.1	-	-	-	COAL	16,440	22,501,217	369,920.0	1,428,080	4.40	86.87
34. BIG BEND #4 TOTAL	852	34,130	10.6	89.3	34.7	11,409	-	-	-	389,390.0	1,565,134	4.96	-
35. B.B. IGNITION	-	-	-	-	-	-	GAS	14,200	1,028,169	14,600.0	95,257	-	6.71
36. B.B.C.T.#4 TOTAL	61	70	0.2	98.3	38.3	16,714	GAS	1,140	1,028,316	1,170.0	7,647	10.92	6.71
37. B.B.C.T.#5 TOTAL	360	0	0.0	96.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	360	0	0.0	96.1	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,883	843,790	60.2	74.9	216.1	6,893	-	-	-	5,562,710.0	35,409,026	4.20	-
40. POLK #1 GASIFER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	10,610	6.5	-	75.4	8,983	GAS	92,720	1,027,984	95,310.0	621,990	5.86	6.71
42. POLK #1 TOTAL	245	10,610	5.8	93.8	75.4	8,983	-	-	-	95,310.0	621,990	5.86	-
43. POLK #2 ST/DUCT FIRING	120	790	0.9	-	54.9	8,165	GAS	6,270	1,028,708	6,450.0	42,061	5.32	6.71
44. POLK #2 ST/W/DUCT FIRING	360	283,390	-	-	-	-	-	1,965,615	1,028,009	2,020,670.0	13,165,852	4.65	6.71
45. POLK #2 ST TOTAL	480	284,180	79.6	-	80.3	7,133	GAS	-	-	2,027,120.0	13,227,913	4.65	-
46. POLK #2 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
47. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,856	1,950.0	46,182	30.79	138.69
48. POLK #2 TOTAL	180	150	0.1	-	80.2	13,000	-	-	-	1,950.0	46,182	30.79	-
49. POLK #3 CT (GAS)	160	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	182	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,464	1,950.0	46,045	30.70	138.69
51. POLK #3 TOTAL	160	150	0.1	-	80.2	13,000	-	-	-	1,950.0	46,045	30.70	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: JANUARY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #6 CT (GAS) TOTAL	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,445	284,480	31.9	97.4	80.3	7,139	-	-	-	2,031,020.0	13,320,140	4.68	-
55. POLK STATION TOTAL	1,445	284,480	31.9	97.4	80.3	7,206	-	-	-	2,126,330.0	13,942,130	4.72	-
56. BAYSIDE #1	702	145,260	24.7	98.6	25.5	7,043	GAS	1,122,380	1,028,003	1,153,810.0	7,529,214	5.18	6.71
57. BAYSIDE #2	1,047	110,850	14.2	97.3	14.8	9,014	GAS	971,980	1,027,984	989,180.0	6,520,292	5.88	6.71
58. BAYSIDE #3	61	200	0.4	98.6	54.6	13,800	GAS	2,680	1,028,951	2,760.0	17,978	8.99	6.71
59. BAYSIDE #4	61	140	0.3	98.6	57.4	13,143	GAS	1,790	1,027,533	1,840.0	12,008	8.58	6.71
60. BAYSIDE #5	61	190	0.4	98.6	62.3	13,053	GAS	2,420	1,024,793	2,480.0	16,234	8.54	6.71
61. BAYSIDE #6	61	230	0.5	98.6	62.8	13,130	GAS	2,950	1,023,729	3,020.0	19,789	8.50	6.71
62. BAYSIDE STATION TOTAL	2,083	256,870	16.6	97.2	19.5	8,421	GAS	2,104,200	1,027,587	2,183,090.0	14,115,515	5.50	6.71
63. SYSTEM TOTAL	5,733	1,516,370	30.3	71.8	76.3	6,497	-	-	-	9,822,130.0	63,466,571	4.19	-

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating

(4) In Simple Cycle Mode

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE
 ST = STEAM TURBINE
 CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: FEBRUARY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	230	21.4	-	21.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	197	160	1.2	-	1.2	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,480	263.6	-	263.6	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	9,410	20.0	-	20.0	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	9,810	19.7	-	19.7	-	SOLAR	-	-	-	-	-	-
6. LITHA SOLAR	60.9	10,840	21.7	-	21.7	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	55.2	8,010	19.6	-	19.6	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	37.4	7,140	19.2	-	19.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	44.2	4,630	18.4	-	18.4	-	SOLAR	-	-	-	-	-	-
10. WINDY HILL SOLAR	44.2	4,630	18.4	-	18.4	-	SOLAR	-	-	-	-	-	-
11. WAKULLA SOLAR	74.7	9,680	19.3	-	19.3	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	10,220	20.5	-	20.5	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	7,950	19.8	-	19.8	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,190.0	19.9	-	19.9	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	7,260.0	14.5	-	14.5	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	9,940.0	27.2	-	27.2	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	9,940.0	19.9	-	19.9	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	7,240.0	75.9	-	75.9	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	8,050.0	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	61.0	8,050.0	3.9	-	3.9	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	(9) 1321.5	138,310	15.2	-	15.2	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	711,130	315.9	0.0	324.1	6,275	GAS	4,340,540	1,027,999	4,482,070.0	29,414,954	4.14	6.78
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0	0	0.00	0.00
29. B.B.#3 (GAS)	355	7,600	3.2	-	-	-	GAS	87,190	1,027,995	89,630.0	590,869	7.77	6.78
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0	0	0.00	0.00
31. BIG BEND #3 TOTAL	355	7,600	3.2	48.5	21.0	11,793	-	-	-	89,630.0	590,869	7.77	-
32. B.B.#4 (GAS)	420	1,280	0.5	-	-	-	GAS	14,120	1,029,037	14,530.0	95,688	7.48	6.78
33. B.B.#4 (COAL)	432	24,230	8.3	-	-	-	COAL	12,280	22,507,341	275,940.0	1,074,152	4.43	87.61
34. BIG BEND #4 TOTAL	-	25,510	8.8	89.3	41.6	11,987	-	-	-	290,470.0	1,169,840	4.89	-
35. B.B. IGNITION	-	-	-	-	-	-	GAS	0	0	0	0	-	0.00
36. B.B.C.T.#4 TOTAL	61	0	0.0	98.3	0.0	0	GAS	0	0	0	0	0.00	0.00
37. B.B.C.T.#5 TOTAL	350	0	0.0	94.9	0.0	0	GAS	0	0	0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	350	0	0.0	96.1	0.0	0	GAS	0	0	0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,883	744,240	58.8	66.3	234.8	6,506	-	-	-	4,842,170.0	31,175,663	4.19	-
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	8,260	3.6	-	74.7	8,994	GAS	46,020	1,028,031	47,310.0	311,869	5.93	6.78
42. POLK #1 TOTAL	245	8,260	3.2	93.8	74.7	8,994	-	-	-	47,310.0	311,869	5.93	-
43. POLK #2 ST DUCT FIRING	120	240	0.3	-	100.0	8,167	GAS	1,910	1,026,178	1,960.0	12,944	5.39	6.78
44. POLK #2 ST W/O DUCT FIRING	360	243,930	75.7	-	78.6	7,141	GAS	1,694,275	1,028,009	1,741,730.0	11,481,756	4.71	6.78
45. POLK #2 ST TOTAL	480	244,170	75.7	-	78.6	7,141	-	-	-	1,743,660.0	11,494,700	4.71	-
46. POLK #2 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
47. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,656	1,950.0	46,184	30.79	138.69
48. POLK #2 TOTAL	(4) 180	150	0.1	-	80.2	13,000	-	-	-	1,950.0	46,184	30.79	-
49. POLK #3 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
50. POLK #3 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,494	1,950.0	46,045	30.70	138.69
51. POLK #3 TOTAL	(4) 180	150	0.1	-	80.2	13,000	-	-	-	1,950.0	46,045	30.70	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: FEBRUARY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #5 CT (GAS) TOTAL	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,200	244,470	30.3	97.4	78.6	7,148	-	-	-	1,747,690.0	11,586,929	4.74	-
55. POLK STATION TOTAL	1,445	249,730	25.7	96.8	78.4	7,187	-	-	-	1,794,900.0	11,898,797	4.76	-
56. BAYSIDE #1	792	137,170	25.8	96.6	26.6	7,922	GAS	1,053,110	1,028,003	1,082,600.0	7,136,711	5.20	6.78
57. BAYSIDE #2	1,047	83,100	13.2	97.3	13.8	9,175	GAS	830,880	1,028,006	854,150.0	5,630,704	6.05	6.78
58. BAYSIDE #3	61	0	0.0	0.0	0.0	0	GAS	0	0	0	0	0.00	0.00
59. BAYSIDE #4	61	0	0.0	0.0	0.0	0	GAS	0	0	0	0	0.00	0.00
60. BAYSIDE #5	61	40	0.1	98.6	65.6	12,250	GAS	480	1,020,833	490.0	3,253	8.13	6.78
61. BAYSIDE #6	61	40	0.1	98.6	65.6	13,750	GAS	530	1,037,736	550.0	3,692	8.88	6.78
62. BAYSIDE STATION TOTAL	2,083	230,350	16.5	91.4	18.4	8,412	GAS	1,885,000	1,028,005	1,937,790.0	12,774,260	5.55	6.78
63. SYSTEM TOTAL	6,733	1,359,630	30.1	89.2	77.6	6,307	-	-	-	9,574,680.0	55,848,720	4.11	-

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating

(4) In Simple Cycle Mode

LEGEND:
 RB = BIG BEND
 CT = COMBUSTION TURBINE
 ST = STEAM TURBINE
 CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: MARCH 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ^(a)	AS BURNED FUEL COST (\$)'	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	197	1,220	1.5	-	1.5	-	SOLAR	-	-	-	-	-	-
3. LEGSLAND SOLAR	1.4	3,300	317.2	-	317.2	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	11,070	21.3	-	21.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	11,520	20.9	-	20.9	-	SOLAR	-	-	-	-	-	-
6. LITHA SOLAR	60.9	14,320	25.9	-	25.9	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	55.2	9,500	21.0	-	21.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	37.4	8,490	20.7	-	20.7	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	44.2	9,610	23.8	-	23.8	-	SOLAR	-	-	-	-	-	-
10. WINDY HILL SOLAR	74.7	11,440	16.2	-	16.2	-	SOLAR	-	-	-	-	-	-
11. WAKULLA SOLAR	13.70	13,770	23.7	-	23.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	13,730	24.9	-	24.9	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	9,410	21.2	-	21.2	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,910	21.0	-	21.0	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,490	15.4	-	15.4	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	11,640	28.8	-	28.8	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	11,640	21.1	-	21.1	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	8,400	80.4	-	80.4	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	9,400	23.1	-	23.1	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	61.0	2,160	4.2	-	4.2	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	1321.5	165,790	16.9	-	16.9	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	531,960	213.7	0.0	260.7	6,302	GAS	3,261,290	1,028,001	3,352,610.0	16,997,534	3.57	5.83
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. B.B.#3 (GAS)	355	27,320	10.4	-	-	-	GAS	314,420	1,027,986	323,220.0	1,831,547	6.70	5.83
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	355	27,320	10.4	82.1	49.7	11,831	-	-	-	323,220.0	1,831,547	6.70	-
32. B.B.#4 (GAS)	420	1,930	0.6	-	-	-	GAS	21,390	1,028,050	21,990.0	124,600	6.46	5.83
33. B.B.#4 (COAL)	432	36,660	11.4	-	-	-	COAL	18,570	22,496,500	417,760.0	1,641,578	4.48	88.40
34. BIG BEND #4 TOTAL	432	38,590	12.0	72.0	28.7	11,995	-	-	-	439,760.0	1,766,178	4.85	-
35. B.B. IGNITION	-	-	-	-	-	-	GAS	15,090	1,027,279	15,440.0	87,552	-	5.83
36. B.B.C.T.#4 TOTAL	61	360	0.8	98.3	84.3	11,417	GAS	4,110	1,027,500	4,110.0	23,301	6.47	5.83
37. B.B.C.T.#5 TOTAL	350	0	0.0	96.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	350	0	0.0	96.1	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,883	598,230	42.8	71.0	153.6	6,886	-	-	-	4,119,690.0	22,706,112	3.80	-
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	-	-	-	0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	18,920	10.6	-	76.1	8,974	COAL	164,050	1,028,040	168,650.0	855,617	5.05	5.83
42. POLK #1 TOTAL	245	18,920	10.4	93.8	76.1	8,974	-	-	-	168,650.0	855,617	3.95	-
43. POLK #2 ST DUCT FIRING	120	440	0.5	-	52.4	8,182	GAS	3,500	1,028,571	3,600.0	20,388	4.63	5.83
44. POLK #2 ST W/O DUCT FIRING	360	268,480	75.4	-	104.7	7,028	GAS	1,834,875	1,028,005	1,895,260.0	10,688,440	3.88	5.83
45. POLK #2 ST TOTAL	480	268,920	75.4	-	104.7	7,028	-	-	-	1,898,860.0	10,708,828	3.98	-
46. POLK #2 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
47. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,856	1,950.0	46,165	30.79	138.69
48. POLK #2 TOTAL	187	150	0.1	-	80.2	13,000	-	-	-	1,950.0	46,165	30.79	-
49. POLK #3 CT (GAS)	180	6,680	5.0	-	75.7	11,117	GAS	72,200	1,027,662	74,260.0	420,810	6.30	5.83
50. POLK #3 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,694	1,950.0	46,046	30.70	138.69
51. POLK #3 TOTAL	189	6,830	5.1	-	75.8	11,168	-	-	-	76,210.0	466,856	6.94	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: MARCH 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	180	3,400	2.5	-	82.1	10,826	GAS	35,810	1,027,925	36,810.0	208,589	6.14	5.83
53. POLK #5 CT (GAS) TOTAL	180	1,540	1.2	-	95.1	10,474	GAS	15,700	1,027,389	16,130.0	91,455	5.94	5.83
54. POLK #2 CC TOTAL	1,200	280,840	31.5	81.7	101.4	7,196	-	-	-	2,020,960.0	11,521,923	4.10	-
55. POLK STATION TOTAL	1,445	289,760	27.9	83.8	97.5	7,305	-	-	-	2,189,610.0	12,477,540	4.16	-
56. BAYSIDE #1	792	278,040	47.4	98.6	49.0	7,442	GAS	2,020,150	1,027,698	2,076,710.0	11,767,696	4.22	5.83
57. BAYSIDE #2	1,047	178,540	23.0	97.3	23.9	8,221	GAS	1,427,880	1,028,000	1,467,690.0	8,317,629	4.66	5.83
58. BAYSIDE #3	61	370	0.8	79.5	75.8	11,992	GAS	4,280	1,028,037	4,400.0	24,932	6.74	5.83
59. BAYSIDE #4	61	360	0.8	98.6	84.3	11,778	GAS	4,130	1,026,634	4,240.0	24,058	6.68	5.83
60. BAYSIDE #5	61	560	1.2	98.6	70.6	12,268	GAS	6,690	1,026,906	6,870.0	38,970	6.96	5.83
61. BAYSIDE #6	61	490	1.1	98.6	73.0	11,939	GAS	5,690	1,028,120	5,850.0	33,145	6.76	5.83
62. BAYSIDE STATION TOTAL	2,083	459,360	29.7	96.6	34.8	7,763	GAS	3,468,820	1,027,995	3,565,930.0	20,206,430	4.40	5.83
63. SYSTEM TOTAL	6,729	1,523,140	30.4	67.7	78.4	6,485	-	-	-	9,875,230.0	55,390,062	3.84	-

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating
 (4) In Simple Cycle Mode

CT = COMBUSTION TURBINE
 ST = STEAM TURBINE

LEGEND:
 B.B. = BIG BEND
 CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: APRIL 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$)'	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	280	24.3	-	24.3	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	197	1,860	1.8	-	1.8	-	SOLAR	-	-	-	-	-	-
3. LEGSLAND SOLAR	1.4	3,770	374.0	-	374.0	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	14,480	28.6	-	28.6	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	15,120	28.3	-	28.3	-	SOLAR	-	-	-	-	-	-
6. LITHA SOLAR	74.3	16,200	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	12,510	28.5	-	28.5	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	11,140	28.0	-	28.0	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	7,350	27.3	-	27.3	-	SOLAR	-	-	-	-	-	-
10. WINDY HILL SOLAR	44.8	8,960	27.4	-	27.4	-	SOLAR	-	-	-	-	-	-
11. WINDY HILL SOLAR	74.7	14,970	27.8	-	27.8	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	15,510	29.0	-	29.0	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	11,890	27.6	-	27.6	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	6,450.0	28.5	-	28.5	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	11,160.0	20.9	-	20.9	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	15,290.0	39.0	-	39.0	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	15,290.0	28.6	-	28.6	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	11,140.0	109.0	-	109.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	12,890.0	31.3	-	31.3	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	61.0	12,890.0	5.6	-	5.6	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	12,890.0	5.6	-	5.6	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	(¹⁸) 1321.5	207,750	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	729,800	302.6	0.0	310.3	6,242	GAS	4,431,170	1,028,002	4,855,250.0	26,020,458	3.57	5.87
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0	0	0.00	0.00
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0	0	0.00	0.00
31. BIG BEND #3 TOTAL	345	0	0.0	82.1	0.0	0	-	-	-	-	-	0.00	-
32. B.B.#4 (GAS)	422	0	0.0	-	-	-	GAS	0	0	0	0	0.00	0.00
33. B.B.#4 (COAL)	410	0	0.0	-	-	-	COAL	0	0	0	0	0.00	0.00
34. BIG BEND #4 TOTAL	410	0	0.0	65.5	0.0	0	-	-	-	-	-	0.00	-
35. B.B. IGNITION	-	-	-	-	-	-	GAS	0	0	0	0	-	0.00
36. B.B.C.T.#4 TOTAL	56	110	0.3	78.6	98.2	11,909	GAS	1,270	1,031,496	1,310.0	7,458	6.78	5.87
37. B.B.C.T.#5 TOTAL	330	0	0.0	95.9	0.0	0	GAS	0	0	0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	330	0	0.0	96.1	0.0	0	GAS	0	0	0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,806	729,910	56.1	66.1	310.2	6,243	-	-	-	4,556,560.0	26,027,916	3.57	-
40. POLK #1 GASIFIER	245	0	0.0	-	-	-	COAL	0	0	0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	5,470	3.5	75.3	75.3	8,912	GAS	47,430	1,027,530	48,750.0	278,516	5.09	5.87
42. POLK #1 TOTAL	245	5,470	3.1	93.8	78.3	-	-	-	-	48,750.0	278,516	3.09	-
43. POLK #2 ST DUCT FIRING	120	470	0.5	-	49.0	8,362	GAS	3,820	1,028,796	3,830.0	22,432	4.77	5.87
44. POLK #2 ST W/O DUCT FIRING	360	3,30,870	-	-	-	-	GAS	2,263,255	1,028,008	2,306,640.0	13,290,154	4.02	5.87
45. POLK #2 ST TOTAL	480	331,340	95.9	-	99.3	7,034	GAS	-	-	2,330,570.0	13,312,586	4.02	-
46. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
47. POLK #2 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,186	30.79	135.70
48. POLK #2 TOTAL	(¹⁴) 150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,186	30.79	-
49. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
50. POLK #3 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,464	1,950.0	46,047	30.70	135.70
51. POLK #3 TOTAL	(¹⁴) 150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,047	30.70	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: APRIL 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #5 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,080	331,640	42.6	97.4	98.3	7,039	-	-	-	2,334,470.0	13,404,818	4.04	-
55. POLK STATION TOTAL	1,325	337,110	35.3	96.8	98.2	7,070	-	-	-	2,383,220.0	13,683,334	4.06	-
56. BAYSIDE #1	720	196,830	38.0	96.6	38.3	7,762	GAS	1,486,270	1,027,696	1,527,880.0	8,727,698	4.43	5.87
57. BAYSIDE #2	954	120,710	17.6	51.9	18.3	8,908	GAS	1,058,530	1,027,607	1,068,110.0	6,204,093	5.14	5.87
58. BAYSIDE #3	56	110	0.3	98.6	98.2	11,909	GAS	1,220	1,031,466	1,310.0	7,458	6.78	5.87
59. BAYSIDE #4	56	110	0.3	78.9	98.2	11,455	GAS	1,220	1,032,787	1,290.0	7,164	6.51	5.87
60. BAYSIDE #5	56	110	0.0	78.9	17.9	31,000	GAS	300	1,033,333	310.0	1,762	17.62	5.87
61. BAYSIDE #6	56	110	0.3	78.9	98.2	11,909	GAS	1,270	1,031,496	1,310.0	7,458	6.78	5.87
62. BAYSIDE STATION TOTAL	1,898	317,880	23.3	72.6	27.4	8,236	GAS	2,546,880	1,028,003	2,618,180.0	14,955,523	4.70	5.87
63. SYSTEM TOTAL	6,351	1,592,650	34.8	61.2	96.4	6,201	-	-	-	9,557,950.0	54,566,773	3.43	-

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating
 (4) In Simple Cycle Mode

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE
 ST = STEAM TURBINE
 CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: MAY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	230	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	270	1.8	-	1.8	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,070	390.7	-	390.7	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	16,230	31.1	-	31.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	16,950	30.7	-	30.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	60.9	16,870	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	14,000	30.9	-	30.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	12,460	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
9. BONNE MINE SOLAR	37.4	6,010	28.8	-	28.8	-	SOLAR	-	-	-	-	-	-
10. WINDY HILLS SOLAR	47.3	8,970	29.7	-	29.7	-	SOLAR	-	-	-	-	-	-
11. WINDY HILLS SOLAR	74.3	16,160	29.1	-	29.1	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	59.8	16,180	29.2	-	29.2	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	31.4	13,520	30.4	-	30.4	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	74.3	7,240.0	31.0	-	31.0	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	54.4	12,520.0	22.6	-	22.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	74.3	17,160.0	42.4	-	42.4	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	14.2	12,480.0	18.2	-	18.2	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	56.0	13,900.0	34.0	-	34.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	74.3	3,180.0	6.1	-	6.1	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	1321.5	229,520	23.3	-	23.3	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	764,680	306.8	0.0	314.4	6,238	GAS	4,659,880	1,028,005	4,765,820.0	26,465,588	3.46	5.70
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. B.E.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.E.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	345	0	0.0	82.1	0.0	0	COAL	0	0	0.0	0	0.00	0.00
32. B.E.#4 (GAS)	422	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
33. B.E.#4 (COAL)	410	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
34. BIG BEND #4 TOTAL	410	0	0.0	89.3	0.0	0	COAL	0	0	0.0	0	0.00	0.00
35. B.E. IGNITION	-	-	-	-	-	-	GAS	0	0	0.0	0	-	0.00
36. B.B.C.T.#4 TOTAL	56	260	0.6	98.3	77.4	12,615	GAS	3,200	1,025,000	3,260.0	18,253	7.02	5.70
37. B.B.C.T.#5 TOTAL	330	0	0.0	96.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	330	0	0.0	96.1	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,806	764,940	56.9	74.3	314.1	6,240	-	-	-	4,773,100.0	26,483,811	3.46	-
40. POLK #1 GAS/RIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	13,270	6.1	-	77.3	8,882	GAS	114,660	1,027,966	117,870.0	654,013	4.93	5.70
42. POLK #1 TOTAL	245	13,270	7.3	72.8	77.3	8,882	-	-	-	117,870.0	654,013	4.93	-
43. POLK #2 ST DUCT FIRING	120	2,590	2.9	-	61.7	8,286	GAS	20,870	1,028,270	21,460.0	119,041	4.80	5.70
44. POLK #2 ST W/O DUCT FIRING	360	440,520	124.1	-	120.4	6,880	GAS	2,987,975	1,028,004	3,071,650.0	17,043,205	3.87	5.70
45. POLK #2 ST TOTAL	480	443,110	124.1	-	120.4	6,880	GAS	-	-	3,093,110.0	17,862,246	3.87	-
46. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
47. POLK #2 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,187	30.79	138.70
48. POLK #2 TOTAL	150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,187	30.79	-
49. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,048	30.70	138.70
51. POLK #3 TOTAL	150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,048	30.70	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: MAY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #5 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,080	443,410	55.2	97.4	120.3	6,985	-	-	-	3,097,010.0	17,254,481	3.89	-
55. POLK STATION TOTAL	1,325	456,680	46.3	92.8	116.3	7,040	-	-	-	3,214,800.0	17,908,494	3.92	-
56. BAYSIDE #1	720	284,380	49.4	98.6	51.1	7,565	GAS	1,946,630	1,027,696	2,004,100.0	11,097,741	4.20	5.70
57. BAYSIDE #2	954	164,540	23.2	87.3	24.2	8,482	GAS	1,357,700	1,027,696	1,395,710.0	7,744,229	4.71	5.70
58. BAYSIDE #3	56	440	1.1	98.6	78.6	12,045	GAS	5,150	1,029,126	5,300.0	29,375	6.68	5.70
59. BAYSIDE #4	56	390	0.9	98.6	77.4	12,385	GAS	4,700	1,027,660	4,830.0	26,808	6.87	5.70
60. BAYSIDE #5	56	730	1.8	98.6	72.4	12,534	GAS	8,900	1,028,090	9,150.0	50,765	6.95	5.70
61. BAYSIDE #6	56	570	1.4	79.5	67.9	12,562	GAS	7,120	1,028,090	7,320.0	40,612	7.12	5.70
62. BAYSIDE STATION TOTAL	1,838	431,050	30.5	96.6	35.9	7,940	GAS	3,329,200	1,027,898	3,422,410.0	19,589,530	4.41	5.70
63. SYSTEM TOTAL	6,351	1,852,190	39.8	89.4	105.6	6,082	-	-	-	11,410,390.0	63,381,685	3.97	-

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating
 (4) In Simple Cycle Mode

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE
 ST = STEAM TURBINE
 CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: JUNE 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ^(a)	AS BURNED FUEL COST (\$)'	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	250	21.7	-	21.7	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	197	3,600	1.8	-	1.8	-	SOLAR	-	-	-	-	-	-
3. LEGSLAND SOLAR	1.4	3,600	357.1	-	357.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	14,010	27.8	-	27.8	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	14,590	27.3	-	27.3	-	SOLAR	-	-	-	-	-	-
6. LITHA SOLAR	60.9	12,060	27.0	-	27.0	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	55.2	10,740	27.0	-	27.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	37.4	6,930	28.7	-	28.7	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	44.8	8,960	28.4	-	28.4	-	SOLAR	-	-	-	-	-	-
10. WINDY HILL SOLAR	44.8	8,960	28.4	-	28.4	-	SOLAR	-	-	-	-	-	-
11. WAKUHA SOLAR	74.7	13,260	24.7	-	24.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	13,850	25.9	-	25.9	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	11,910	27.7	-	27.7	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	6,200.0	27.4	-	27.4	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	10,740.0	20.1	-	20.1	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	14,710.0	37.6	-	37.6	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	14,710.0	27.5	-	27.5	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	10,710.0	104.8	-	104.8	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	11,910.0	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	74.3	13,260.0	24.7	-	24.7	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	12,210.0	3.4	-	3.4	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	1321.5	198,970	20.7	-	20.7	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	740,860	307.2	0.0	314.6	6,237	GAS	4,495,180	1,028,001	4,621,050.0	25,955,487	3.50	5.77
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. B.B.#3 (GAS)	345	0	0.0	0.0	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	345	0	0.0	82.1	0.0	0	COAL	-	-	0.0	0	0.00	-
32. B.B.#4 (GAS)	422	2,960	1.0	-	-	-	GAS	33,040	1,027,945	33,960.0	190,775	6.45	5.77
33. B.B.#4 (COAL)	410	56,140	19.0	-	-	-	COAL	28,680	22,501,046	645,330.0	2,544,711	4.53	68.73
34. BIG BEND #4 TOTAL	410	59,100	20.0	89.3	60.6	11,494	COAL	-	-	679,290.0	2,735,486	4.63	-
35. B.B. IGNITION	-	-	-	-	-	-	GAS	5,010	1,027,944	5,150.0	28,928	-	5.77
36. B.B.C.T.#4 TOTAL	56	440	1.1	98.3	71.4	12,614	GAS	5,400	1,027,778	5,550.0	31,180	7.09	5.77
37. B.B.C.T.#5 TOTAL	330	0	0.0	96.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	330	0	0.0	96.1	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,806	800,400	61.6	74.3	192.5	6,629	-	-	-	5,305,890.0	28,751,081	3.59	-
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	20,940	13.2	-	76.1	8,898	GAS	181,060	1,027,947	188,120.0	1,045,453	4.99	5.77
42. POLK #1 TOTAL	245	20,940	11.9	93.8	76.1	8,898	-	-	-	186,120.0	1,045,453	4.99	-
43. POLK #2 ST DUCT FIRING	120	2,910	3.4	-	59.1	8,282	GAS	23,440	1,028,157	24,100.0	135,344	4.65	5.77
44. POLK #2 ST W/O DUCT FIRING	360	485,460	141.3	-	138.6	6,938	GAS	3,272,795	1,028,005	3,384,450.0	18,897,349	3.89	5.77
45. POLK #2 ST TOTAL	480	488,370	144.7	-	138.6	6,938	-	-	-	3,388,450.0	19,032,693	3.90	-
46. POLK #2 CT (GAS)	150	990	0.9	-	94.3	10,879	GAS	10,480	1,027,672	10,770.0	60,512	6.11	5.77
47. POLK #2 CT (OIL)	150	150	1.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,187	30.79	138.70
48. POLK #2 TOTAL	150	1,140	1.1	-	94.3	11,158	-	-	-	12,720.0	106,699	9.36	-
49. POLK #3 CT (GAS)	150	830	0.8	-	92.2	10,962	GAS	8,850	1,027,110	9,090.0	51,101	6.16	5.77
50. POLK #3 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,049	30.70	138.70
51. POLK #3 TOTAL	150	980	0.9	-	92.5	11,265	-	-	-	11,040.0	97,150	9.91	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: JUNE 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	150	420	0.4	-	93.3	10,610	GAS	4,410	1,028,478	4,540.0	25,464	6.06	5.77
53. POLK #5 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,080	490,910	63.1	97.4	135.6	6,960	-	-	-	3,416,850.0	19,262,006	3.92	-
55. POLK STATION TOTAL	1,325	511,850	53.7	96.8	127.2	7,039	-	-	-	3,802,970.0	20,307,459	3.97	-
56. BAYSIDE #1	720	289,230	55.8	96.6	57.7	7,494	GAS	2,106,360	1,038,003	2,167,400.0	12,173,820	4.21	5.77
57. BAYSIDE #2	954	198,500	28.9	97.3	30.1	8,163	GAS	1,576,260	1,028,002	1,620,430.0	9,101,610	4.59	5.77
58. BAYSIDE #3	56	400	1.2	98.6	67.3	13,122	GAS	2,850	1,027,157	6,430.0	36,146	7.38	5.77
59. BAYSIDE #4	56	240	0.6	98.6	85.7	12,209	GAS	2,850	1,028,070	2,930.0	16,456	6.86	5.77
60. BAYSIDE #5	56	700	1.7	98.6	69.4	12,557	GAS	8,550	1,028,070	8,790.0	49,368	7.05	5.77
61. BAYSIDE #6	56	680	1.7	98.6	67.5	12,735	GAS	8,430	1,027,284	8,660.0	48,675	7.16	5.77
62. BAYSIDE STATION TOTAL	1,896	489,840	35.8	97.2	42.1	7,785	GAS	3,710,740	1,028,000	3,814,640.0	21,426,075	4.37	5.77
63. SYSTEM TOTAL	6,351	1,959,060	43.7	70.3	106.9	6,365	-	-	-	12,723,550.0	70,484,615	3.53	-

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating
 (4) In Simple Cycle Mode

CT = COMBUSTION TURBINE
 ST = STEAM TURBINE

LEGEND:
 B.B. = BIG BEND
 CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: JULY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ^(a)	AS BURNED FUEL COST (\$)'	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	250	21.0	-	21.0	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	197	1,860	1.8	-	1.8	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,480	334.1	-	334.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,570	26.0	-	26.0	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	14,130	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
6. LITHA SOLAR	60.9	11,690	25.8	-	25.8	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	55.2	10,400	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	37.4	6,750	24.3	-	24.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	44.2	8,240	24.5	-	24.5	-	SOLAR	-	-	-	-	-	-
10. WINDY HILL SOLAR	74.7	13,060	23.5	-	23.5	-	SOLAR	-	-	-	-	-	-
11. WAKULLA SOLAR	74.3	13,060	24.7	-	24.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	59.8	11,430	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	31.4	6,010	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	74.3	10,400	18.8	-	18.8	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	54.4	14,250	35.2	-	35.2	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	74.3	14,250	25.8	-	25.8	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	14.2	10,370	98.2	-	98.2	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	55.0	11,540	28.2	-	28.2	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	74.3	13,060	5.1	-	5.1	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	-	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	-	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	1321.5	191,510	19.5	-	19.5	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	765,530	307.1	0.0	314.8	6,237	GAS	4,644,770	1,028,001	4,774,830.0	28,138,199	3.88	6.06
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	345	0	0.0	82.1	0.0	0	-	-	-	0.0	0	0.00	-
32. B.B.#4 (GAS)	422	5,930	1.9	-	-	-	GAS	66,310	1,028,201	68,180.0	401,708	6.77	6.06
33. B.B.#4 (COAL)	410	112,760	37.0	-	-	-	COAL	57,570	22,499,045	1,295,270.0	5,127,816	4.55	88.07
34. BIG BEND #4 TOTAL	410	118,770	38.9	88.3	60.7	11,488	-	-	-	1,363,450.0	6,529,624	4.86	-
35. B.B. IGNITION	-	-	-	-	-	-	-	12,110	1,027,250	12,440.0	73,363	-	6.06
36. B.B.C.T.#4 TOTAL	56	960	2.3	98.3	68.6	12,448	GAS	11,610	1,029,285	11,950.0	70,334	7.33	6.06
37. B.B.C.T.#5 TOTAL	330	0	0.0	96.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	330	0	0.0	96.1	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,806	885,200	65.9	74.3	146.4	6,948	-	6,150,230.0	-	33,811,420	-	3.82	-
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	18,140	11.1	-	7.8	8,517	GAS	157,350	1,028,027	161,760.0	853,232	5.25	6.06
42. POLK #1 TOTAL	245	18,140	10.0	93.8	77.8	8,517	-	-	-	161,760.0	853,232	5.25	-
43. POLK #2 ST DUCT FIRING	120	3,710	4.2	-	60.6	8,278	GAS	29,880	1,027,778	30,710.0	181,014	4.88	6.06
44. POLK #2 ST W/O DUCT FIRING	360	491,630	138.7	-	132.0	6,950	GAS	3,319,185	1,028,005	3,412,150.0	20,107,813	4.69	6.06
45. POLK #2 ST TOTAL	480	495,340	138.7	-	132.0	6,950	-	-	-	3,442,360.0	20,288,827	4.10	-
46. POLK #2 CT (GAS)	150	670	0.6	-	88.3	11,075	GAS	7,230	1,026,279	7,420.0	43,801	6.54	6.06
47. POLK #2 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,168	30.79	138.70
48. POLK #2 TOTAL	150	820	0.7	-	90.2	11,427	-	-	-	9,370.0	89,989	10.97	-
49. POLK #3 CT (GAS)	150	660	0.6	-	88.0	11,227	GAS	7,210	1,027,739	7,410.0	43,678	6.62	6.06
50. POLK #3 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,694	1,950.0	46,050	30.70	138.70
51. POLK #3 TOTAL	150	810	0.7	-	88.1	11,556	-	-	-	9,360.0	89,728	11.08	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: JULY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #5 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,080	496,970	61.8	97.4	131.3	6,965	-	-	-	3,461,690.0	20,468,544	4.12	-
55. POLK STATION TOTAL	1,325	515,110	52.3	96.8	125.0	7,034	-	-	-	3,823,350.0	21,421,776	4.16	-
56. BAYSIDE #1	720	302,820	56.5	96.6	58.5	7,184	GAS	2,204,620	1,038,000	2,265,950.0	13,355,674	4.41	6.06
57. BAYSIDE #2	954	197,550	27.8	97.3	29.0	8,221	GAS	1,579,780	1,027,607	1,624,020.0	9,570,430	4.84	6.06
58. BAYSIDE #3	56	910	2.2	98.6	73.9	12,374	GAS	10,980	1,027,372	11,260.0	66,396	7.30	6.06
59. BAYSIDE #4	56	830	2.0	98.6	70.6	12,518	GAS	10,100	1,028,713	10,390.0	61,186	7.37	6.06
60. BAYSIDE #5	56	1,050	2.5	98.6	67.0	12,876	GAS	13,160	1,027,356	13,520.0	79,724	7.59	6.06
61. BAYSIDE #6	56	1,010	2.4	98.6	75.1	12,237	GAS	12,090	1,027,255	12,420.0	73,242	7.25	6.06
62. BAYSIDE STATION TOTAL	1,898	504,170	35.7	97.2	41.9	7,811	GAS	3,830,720	1,027,995	3,837,960.0	23,206,652	4.60	6.06
63. SYSTEM TOTAL	6,351	2,095,990	44.4	70.3	99.5	6,542	-	-	-	13,711,540.0	79,439,948	3.74	-

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE
 CC = COMBINED CYCLE
 ST = STEAM TURBINE

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating
 (4) In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: AUGUST 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$)'	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	250	21.0	-	21.0	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	197	240	1.6	-	328.3	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,420	328.3	-	25.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,100	25.1	-	24.7	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	13,630	24.9	-	24.9	-	SOLAR	-	-	-	-	-	-
6. LITHA SOLAR	60.9	11,280	24.9	-	24.5	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	55.2	10,950	24.5	-	23.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	37.4	6,650	23.9	-	22.8	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	14.5	2,620	18.0	-	22.8	-	SOLAR	-	-	-	-	-	-
10. WINDY HILL SOLAR	74.7	12,680	22.8	-	23.9	-	SOLAR	-	-	-	-	-	-
11. WAKULLA SOLAR	74.3	13,230	23.9	-	24.9	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	59.8	11,080	24.9	-	24.8	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	31.4	5,800.0	24.8	-	18.1	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	74.3	10,030.0	18.1	-	33.9	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	54.4	13,740.0	33.9	-	24.9	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	74.3	13,740.0	24.9	-	27.2	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	14.2	10,000.0	94.7	-	28.0	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	55.0	11,130.0	27.2	-	-	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	74.3	12,730.0	28.0	-	-	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	61.0	10,860.0	28.0	-	-	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	25.0	12,730.0	28.0	-	-	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	1321.5	197,840	20.1	-	20.1	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	765,570	307.2	0.0	314.8	6,237	GAS	4,646,040	1,028,002	4,775,110.0	27,472,941	3.59	5.91
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. B.B.#3 (GAS)	345	0	0.0	0.0	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	0.0	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	345	0	0.0	82.1	0.0	0	-	-	-	0.0	0	0.00	-
32. B.B.#4 (GAS)	422	1,570	0.5	-	-	-	GAS	17,550	1,027,920	18,040.0	103,799	6.61	5.91
33. B.B.#4 (COAL)	410	29,790	9.8	-	-	-	COAL	15,240	22,494,751	342,820.0	1,389,464	4.86	91.17
34. BIG BEND #4 TOTAL	410	31,360	10.3	89.3	60.2	11,607	-	-	-	350,860.0	1,493,263	4.76	-
35. B.B. IGNITION	-	-	-	-	-	-	GAS	5,010	1,027,944	5,150.0	29,631	-	5.91
36. B.B.C.T.#4 TOTAL	56	660	1.6	98.3	76.6	12,227	GAS	7,850	1,028,025	8,070.0	46,429	7.03	5.91
37. B.B.C.T.#5 TOTAL	330	0	0.0	96.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	330	0	0.0	96.1	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,806	797,590	59.4	74.3	234.6	6,449	-	-	-	5,144,040.0	29,042,264	3.64	-
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	30,280	16.5	93.8	76.0	8,941	GAS	263,350	1,028,024	270,730.0	1,557,575	5.14	5.91
42. POLK #1 TOTAL	245	30,280	16.6	93.8	76.0	8,941	-	-	-	270,730.0	1,557,575	5.14	-
43. POLK #2 ST DUCT FIRING	120	6,070	6.8	-	60.9	8,278	GAS	48,880	1,028,028	50,250.0	289,099	4.76	5.91
44. POLK #2 ST W/O DUCT FIRING	360	5,38,330	152.5	-	139.2	6,933	GAS	3,623,125	1,028,002	3,724,590.0	21,428,858	3.88	5.91
45. POLK #2 ST TOTAL	480	5,44,400	152.5	-	139.2	6,933	-	-	-	3,774,830.0	21,717,957	3.99	-
46. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
47. POLK #2 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,656	1,950.0	46,165	30.79	138.69
48. POLK #2 TOTAL	150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,165	30.79	-
49. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,464	1,950.0	46,045	30.70	138.69
51. POLK #3 TOTAL	150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,045	30.70	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: AUGUST 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #5 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,080	544,760	67.8	97.4	138.1	6,937	-	-	-	3,778,730.0	21,810,187	4.00	-
55. POLK STATION TOTAL	1,325	575,040	58.3	96.8	127.6	7,042	-	-	-	4,049,460.0	23,367,762	4.06	-
56. BAYSIDE #1	720	339,400	63.4	96.6	65.6	7,026	GAS	2,452,460	1,038,000	2,621,130.0	14,504,697	4.27	5.91
57. BAYSIDE #2	954	226,310	31.7	97.3	33.1	8,054	GAS	1,785,180	1,027,981	1,814,600.0	10,440,160	4.63	5.91
58. BAYSIDE #3	56	980	2.4	98.6	64.8	13,051	GAS	12,450	1,027,309	12,790.0	73,635	7.51	5.91
59. BAYSIDE #4	56	670	1.6	98.6	63.0	13,149	GAS	8,560	1,029,208	8,810.0	50,628	7.56	5.91
60. BAYSIDE #5	56	1,180	2.8	98.6	70.2	12,627	GAS	14,510	1,026,878	14,900.0	85,819	7.27	5.91
61. BAYSIDE #6	56	1,490	3.6	98.6	63.4	13,114	GAS	19,010	1,027,893	19,540.0	112,434	7.55	5.91
62. BAYSIDE STATION TOTAL	1,898	569,120	40.3	97.2	47.2	7,717	GAS	4,272,180	1,027,893	4,391,770.0	25,267,673	4.44	5.91
63. SYSTEM TOTAL	6,351	2,139,590	45.3	70.3	114.8	6,349	-	-	-	13,985,270.0	77,677,699	3.63	-

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

LEGEND:
 B.S. = BIG BEND
 CT = COMBUSTION TURBINE
 ST = STEAM TURBINE
 CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: SEPTEMBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ^(a)	AS BURNED FUEL COST (\$)'	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	181	18.1	-	18.1	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	197	200	1.4	-	1.4	-	SOLAR	-	-	-	-	-	-
3. LEGSLAND SOLAR	1.4	2,830	280.8	-	280.8	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	11,380	22.5	-	22.5	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	11,840	22.2	-	22.2	-	SOLAR	-	-	-	-	-	-
6. LITHA SOLAR	74.3	11,870	22.2	-	22.2	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	9,790	22.3	-	22.3	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	8,740	22.0	-	22.0	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	5,370	19.9	-	19.9	-	SOLAR	-	-	-	-	-	-
10. WINDY HILL SOLAR	44.8	6,440	14.5	-	14.5	-	SOLAR	-	-	-	-	-	-
11. WAKULLA SOLAR	74.7	10,940	20.3	-	20.3	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	11,360	21.2	-	21.2	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	9,670	22.5	-	22.5	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	5,040	22.3	-	22.3	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,720	16.3	-	16.3	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	11,940	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	11,940	22.3	-	22.3	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	8,690	85.0	-	85.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	9,670	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	61.0	8,740	14.4	-	14.4	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	25.0	11,660	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	(^(a) 1321.5)	171,090	18.0	-	18.0	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	740,750	307.1	0.0	314.5	6,238	GAS	4,494,570	1,028,003	4,620,490.0	26,623,001	3.59	5.92
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	345	0	0.0	82.1	0.0	0	-	-	-	0.0	0	0.00	-
32. B.B.#4 (GAS)	422	6,460	2.1	-	-	-	GAS	71,370	1,028,163	73,380.0	422,751	6.54	5.92
33. B.B.#4 (COAL)	410	122,740	41.6	-	-	-	COAL	61,960	22,500,161	1,394,110.0	5,544,287	4.52	89.48
34. BIG BEND #4 TOTAL	410	129,200	43.8	89.3	63.4	11,938	-	-	-	1,467,490.0	6,967,038	4.62	-
35. B.B. IGNITION	-	-	-	-	-	-	GAS	5,010	1,025,946	5,140.0	29,676	-	5.92
36. B.B.C.T.#4 TOTAL	56	4,160	10.3	98.3	75.9	11,923	GAS	48,240	1,028,192	49,600.0	285,743	6.87	5.92
37. B.B.C.T.#5 TOTAL	330	0	0.0	96.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	330	0	0.0	96.1	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,806	874,110	67.2	74.3	141.9	7,021	-	-	-	6,137,620.0	32,905,468	3.76	-
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	66,000	41.7	79.2	79.2	8,501	GAS	555,020	1,027,956	580,840.0	3,346,823	5.07	5.92
42. POLK #1 TOTAL	245	66,000	37.4	93.8	79.2	8,501	-	-	-	580,840.0	3,346,823	3.07	-
43. POLK #2 ST DUCT FIRING	120	14,530	16.8	-	66.5	8,273	GAS	116,930	1,028,051	120,210.0	692,620	4.77	5.92
44. POLK #2 ST W/O DUCT FIRING	360	477,680	142.4	-	115.2	6,977	GAS	3,223,625	1,028,004	3,313,900.0	19,084,724	4.00	5.92
45. POLK #2 ST TOTAL	480	492,210	142.4	-	115.2	6,977	-	-	-	3,434,110.0	19,787,344	4.02	-
46. POLK #2 CT (GAS)	150	900	0.8	-	60.0	12,767	GAS	11,180	1,027,728	11,490.0	66,222	7.36	5.92
47. POLK #2 CT (OIL)	150	1,050	0.1	-	94.3	13,000	LGT OIL	333	5,855,656	1,950.0	46,178	30.79	138.67
48. POLK #2 TOTAL	(⁽⁴⁾ 150)	1,050	1.0	-	63.3	12,800	-	-	-	13,440.0	112,400	10.70	-
49. POLK #3 CT (GAS)	150	630	0.6	-	60.0	12,925	GAS	7,860	1,027,600	8,090.0	46,558	7.30	5.92
50. POLK #3 CT (OIL)	150	1,150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,039	30.69	138.67
51. POLK #3 TOTAL	(⁽⁴⁾ 150)	780	0.7	-	64.5	12,959	-	-	-	10,030.0	92,597	11.97	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: SEPTEMBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #5 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,080	494,040	63.5	97.4	114.1	6,999	-	-	-	3,457,680.0	19,992,341	4.05	-
55. POLK STATION TOTAL	1,325	560,040	58.7	96.8	103.8	7,211	-	-	-	4,038,420.0	23,339,164	4.17	-
56. BAYSIDE #1	720	290,780	56.1	29.0	58.0	7,497	GAS	2,120,710	1,028,000	2,180,090.0	12,561,750	4.32	5.92
57. BAYSIDE #2	954	39,220	5.7	97.3	28.4	8,403	GAS	320,590	1,027,980	320,590.0	1,858,972	4.84	5.92
58. BAYSIDE #3	56	4,910	12.2	98.6	79.0	11,943	GAS	57,040	1,028,050	58,640.0	337,869	6.88	5.92
59. BAYSIDE #4	56	4,220	10.5	98.6	81.0	11,915	GAS	48,910	1,028,011	50,280.0	289,712	6.87	5.92
60. BAYSIDE #5	56	5,740	14.2	98.6	75.9	12,077	GAS	67,420	1,028,182	69,320.0	399,354	6.96	5.92
61. BAYSIDE #6	56	5,830	14.5	98.6	78.9	11,978	GAS	67,930	1,027,970	69,830.0	402,375	6.90	5.92
62. BAYSIDE STATION TOTAL	1,898	350,700	28.7	71.5	51.4	7,863	GAS	2,682,600	1,028,003	2,757,720.0	15,890,032	4.53	5.92
63. SYSTEM TOTAL	6,351	1,955,940	42.8	62.7	117.1	6,619	-	-	-	12,833,650.0	72,134,654	3.89	-

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating
 (4) In Simple Cycle Mode

CT = COMBUSTION TURBINE
 ST = STEAM TURBINE

LEGEND:
 B.B. = BIG BEND
 CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: OCTOBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ^(a)	AS BURNED FUEL COST (\$)'	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	250	21.0	-	21.0	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	197	180	1.3	-	281.3	-	SOLAR	-	-	-	-	-	-
3. LEGSLAND SOLAR	1.4	2,930	281.3	-	21.6	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	11,250	21.6	-	21.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	11,710	20.9	-	21.3	-	SOLAR	-	-	-	-	-	-
6. LITHA SOLAR	60.9	9,670	21.0	-	20.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	55.2	8,630	20.5	-	20.5	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	37.4	5,670	20.5	-	20.5	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	44.5	6,420	20.5	-	20.5	-	SOLAR	-	-	-	-	-	-
10. WINDY HILL SOLAR	74.7	11,370	20.1	-	21.6	-	SOLAR	-	-	-	-	-	-
11. WAKUWA SOLAR	74.3	11,100	20.1	-	21.4	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	59.8	9,610	21.4	-	15.6	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	31.4	5,000.0	15.6	-	28.3	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	74.3	8,650.0	29.3	-	21.4	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	54.4	11,850.0	21.4	-	81.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	74.3	11,850.0	81.6	-	23.4	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	14.2	8,620.0	23.4	-	24.2	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	55.0	9,590.0	24.2	-	-	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	61.0	9,460.0	-	-	-	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	25.0	10,370.0	-	-	-	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	1321.5	170,200	17.3	-	17.3	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	762,490	305.9	0.0	313.5	6,239	GAS	4,627,340	1,028,001	4,756,910.0	27,821,733	3.85	6.01
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. B.B.#3 (GAS)	345	0	0.0	0.0	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	345	0	0.0	82.1	0.0	0	-	-	-	0.0	0	0.00	-
32. B.B.#4 (GAS)	422	8,310	2.6	-	-	-	GAS	92,290	1,027,955	94,870.0	554,890	6.88	6.01
33. B.B.#4 (COAL)	410	157,990	51.8	-	-	-	COAL	80,120	22,499,001	1,802,620.0	7,201,120	4.56	89.88
34. BIG BEND #4 TOTAL	410	166,290	54.5	8.6	62.3	11,411	-	-	-	1,897,490.0	7,756,010	4.65	-
35. B.B. IGNITION	-	-	-	-	-	-	-	2,090	1,028,708	2,150.0	12,566	-	6.01
36. B.B.C.T.#4 TOTAL	56	3,000	7.2	98.3	76.5	12,060	GAS	35,190	1,028,133	36,180.0	211,579	7.05	6.01
37. B.B.C.T.#5 TOTAL	330	0	0.0	96.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	330	0	0.0	96.1	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,806	931,780	68.3	55.9	126.1	7,180	-	-	-	6,890,560.0	35,801,888	3.84	-
40. POLK #1 GASIFIER	245	0	0.0	0.0	0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	41,260	25.2	-	78.8	8,808	GAS	353,520	1,027,916	363,410.0	2,125,528	5.15	6.01
42. POLK #1 TOTAL	245	41,260	25.2	93.8	78.8	8,808	-	-	-	-	2,125,528	5.15	-
43. POLK #2 ST DUCT FIRING	120	12,690	14.2	-	66.1	8,270	GAS	102,100	1,027,914	104,950.0	613,873	4.84	6.01
44. POLK #2 ST W/O DUCT FIRING	360	423,030	122.0	-	102.1	7,009	GAS	2,868,675	1,028,004	2,949,010.0	17,247,816	4.08	6.01
45. POLK #2 ST TOTAL	480	435,720	122.0	-	102.1	7,009	-	-	-	3,053,960.0	17,861,689	4.10	-
46. POLK #2 CT (GAS)	150	890	0.8	-	58.3	12,654	GAS	11,130	1,027,853	11,440.0	66,918	7.52	6.01
47. POLK #2 CT (OIL)	150	150	0.1	-	62.7	13,000	LGT OIL	333	5,855,856	1,950.0	46,167	30.78	136.64
48. POLK #2 TOTAL	150	1,040	0.9	-	62.7	12,875	-	-	-	13,390.0	113,085	10.87	-
49. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	150	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,029	30.69	136.64
51. POLK #3 TOTAL	150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,029	30.69	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: OCTOBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$)' ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #5 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,080	436,910	54.4	97.4	101.6	7,025	-	-	-	3,069,300.0	18,020,803	4.12	-
55. POLK STATION TOTAL	1,325	478,170	48.5	96.8	97.1	7,179	-	-	-	3,432,710.0	20,146,331	4.21	-
56. BAYSIDE #1	720	252,800	47.2	0.0	48.8	7,603	GAS	1,869,690	1,027,909	1,922,030.0	11,241,391	4.45	6.01
57. BAYSIDE #2	954	0	0.0	0.0	0	0	GAS	0	0	0	0	0.00	0.00
58. BAYSIDE #3	56	3,840	9.2	98.6	77.9	12,089	GAS	46,150	1,028,128	46,420.0	271,463	7.07	6.01
59. BAYSIDE #4	56	3,130	7.5	98.6	79.8	11,971	GAS	36,450	1,027,984	37,470.0	219,154	7.00	6.01
60. BAYSIDE #5	56	4,680	11.2	98.6	72.7	12,293	GAS	55,960	1,028,056	57,530.0	336,458	7.19	6.01
61. BAYSIDE #6	56	4,420	10.6	98.6	75.2	12,170	GAS	52,320	1,028,056	53,790.0	314,572	7.12	6.01
62. BAYSIDE STATION TOTAL	1,898	268,870	19.0	11.6	49.9	7,875	GAS	2,059,580	1,028,006	2,117,240.0	12,383,038	4.61	6.01
63. SYSTEM TOTAL	6,351	1,849,020	35.1	39.6	114.2	6,520	-	-	-	12,240,550.0	69,331,257	3.70	-

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽¹⁾ In Simple Cycle Mode

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE
 ST = STEAM TURBINE
 CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: NOVEMBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) (1)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	16	230	19.9	-	13.9	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	187	180	1.1	-	1.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	14	2420	239.7	-	239.7	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	8,410	16.6	-	16.6	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	8,750	16.4	-	16.4	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	60.9	9,930	18.5	-	18.5	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	55.2	7,210	16.4	-	16.4	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	6,450	16.2	-	16.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	4,800	17.8	-	17.8	-	SOLAR	-	-	-	-	-	-
10. WINDY HILLS SOLAR	49.5	6,450	17.4	-	17.4	-	SOLAR	-	-	-	-	-	-
11. WINDY HILLS SOLAR	74.7	9,300	17.4	-	17.4	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	59.8	7,020	16.3	-	17.8	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	31.4	3,740.0	16.5	-	16.5	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	74.3	6,470.0	12.1	-	12.1	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	54.4	8,860.0	22.6	-	22.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	74.3	8,860.0	16.5	-	16.5	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	14.2	5,450.0	63.0	-	63.0	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	55.0	7,180.0	18.1	-	18.1	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	61.0	8,450.0	18.2	-	18.2	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	61.0	8,210.0	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	1321.5	131,310	13.8	-	13.8	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	335	681,070	282.0	0.0	289.2	6,249	GAS	4,139,830	1,028,001	4,255,750.0	25,612,610	3.76	6.19
28. BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	345	0	0.0	43.8	0.0	0	-	-	-	0.0	0	0.00	-
32. B.B.#4 (GAS)	422	3,230	1.1	-	-	-	GAS	36,110	1,027,970	37,120.0	223,408	6.92	6.19
33. B.B.#4 (COAL)	410	61,370	20.8	-	-	-	COAL	31,350	22,497,289	705,290.0	2,625,947	4.60	90.14
34. BIG BEND #4 TOTAL	410	64,600	21.9	83.3	60.6	11,492	-	-	-	742,410.0	3,049,355	4.72	-
35. B.B. IGNITION	-	-	-	-	-	-	GAS	5,010	1,027,944	5,150.0	30,996	-	6.19
36. B.B.C.T.#4 TOTAL	56	1,610	4.0	98.3	84.6	11,826	GAS	18,510	1,028,633	19,040.0	114,519	7.11	6.19
37. B.B.C.T.#5 TOTAL	330	0	0.0	96.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	330	0	0.0	96.1	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	1,886	747,280	57.4	65.6	172.3	6,714	-	-	-	5,017,200.0	28,807,480	3.85	-
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	37,320	23.5	-	76.4	6,918	GAS	323,770	1,027,983	332,830.0	2,003,124	5.37	6.19
42. POLK #1 TOTAL	245	37,320	21.1	93.8	76.4	6,918	-	-	-	332,830.0	2,003,124	5.37	-
43. POLK #2 ST DUCT FIRING	120	5,220	6.0	-	59.6	8,284	GAS	42,060	1,028,055	43,240.0	260,220	4.99	6.19
44. POLK #2 ST W/O DUCT FIRING	360	332,690	6.0	-	89.9	7,055	GAS	2,276,835	1,028,006	2,340,600.0	14,086,493	4.23	6.19
45. POLK #2 ST TOTAL	480	337,910	97.6	-	89.9	7,055	-	-	-	2,383,840.0	14,346,713	4.25	-
46. POLK #2 CT (GAS)	150	90	0.1	-	80.0	13,667	GAS	1,200	1,025,000	1,230.0	7,424	8.25	6.19
47. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,152	30.77	138.89
48. POLK #2 TOTAL	150	240	0.2	-	77.7	13,250	-	-	-	3,180.0	53,576	22.32	-
49. POLK #3 CT (GAS)	150	380	0.3	-	60.0	13,690	GAS	4,430	1,027,088	4,550.0	27,408	7.61	6.19
50. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,014	30.68	138.89
51. POLK #3 TOTAL	150	570	0.5	-	67.2	12,745	-	-	-	6,500.0	73,422	14.40	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: NOVEMBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #5 CT (GAS) TOTAL	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,080	338,660	43.5	97.4	89.7	7,068	-	-	-	2,398,520.0	14,473,711	4.27	-
55. POLK STATION TOTAL	1,325	375,980	39.4	96.8	86.8	7,251	-	-	-	2,726,350.0	16,475,835	4.38	-
56. BAYSIDE #1	720	153,040	29.5	25.8	35.2	7,883	GAS	1,170,520	1,027,988	1,203,280.0	7,241,860	4.73	6.19
57. BAYSIDE #2	954	44,910	6.5	67.3	20.4	6,792	GAS	384,110	1,027,987	394,880.0	2,376,441	5.20	6.19
58. BAYSIDE #3	56	1,790	4.4	98.6	86.4	11,698	GAS	20,370	1,027,982	20,940.0	126,027	7.04	6.19
59. BAYSIDE #4	56	770	1.9	98.6	85.9	11,883	GAS	8,910	1,026,936	9,150.0	55,125	7.16	6.19
60. BAYSIDE #5	56	1,650	4.1	98.6	86.7	11,745	GAS	18,860	1,027,572	19,380.0	116,684	7.07	6.19
61. BAYSIDE #6	56	1,840	4.6	98.6	84.2	11,832	GAS	21,170	1,028,342	21,770.0	130,976	7.12	6.19
62. BAYSIDE STATION TOTAL	1,898	204,000	14.9	70.3	30.8	8,183	GAS	1,623,940	1,027,981	1,669,380.0	10,047,113	4.93	6.19
63. SYSTEM TOTAL	5,351	1,458,570	31.9	89.9	103.1	6,454	-	-	-	9,412,930.0	55,331,428	3.79	-

LEGEND:
 B.B. = BIG BEND
 CC = COMBINED CYCLE
 CT = COMBUSTION TURBINE
 ST = STEAM TURBINE

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating

(4) In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: DECEMBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ^(a)	AS BURNED FUEL COST (\$)'	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	220	18.5	-	18.5	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	197	140	1.0	-	210.3	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,190	13.5	-	13.5	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	7,060	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	7,340	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
6. LITHA SOLAR	60.9	6,570	15.5	-	15.5	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	6,040	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	5,400	13.1	-	13.1	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	4,020	14.4	-	14.4	-	SOLAR	-	-	-	-	-	-
10. WINDY HILL SOLAR	44.5	4,240	14.8	-	14.8	-	SOLAR	-	-	-	-	-	-
11. WAKUHA SOLAR	74.7	8,220	15.0	-	15.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	8,220	14.9	-	14.9	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	6,110	13.7	-	13.7	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	3,130	13.4	-	13.4	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	5,420	9.8	-	9.8	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	7,430	18.4	-	18.4	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	7,430	13.4	-	13.4	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	5,410	51.2	-	51.2	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	6,020	14.7	-	14.7	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	61.0	6,880	15.2	-	15.2	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	25.0	2,280	12.3	-	12.3	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	60.0	5,930	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	74.5	7,360	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	7,360	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	7,360	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL	1,321.5	134,400	13.7	-	13.7	-	SOLAR	-	-	-	-	-	-
27. BIG BEND #1 CC TOTAL	1,120	660,040	79.2	98.0	81.2	6,294	GAS	4,040,940	1,028,001	4,154,090.0	26,589,093	4.03	6.57
28. BIG BEND #2 TOTAL	350	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
29. BB #3 (GAS)	355	0	0.0	0.0	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B B #3 (COAL)	400	0	0.0	0.0	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	355	0	0.0	82.1	0.0	0	-	-	-	0.0	0	0.00	0.00
32. BB #4 (GAS)	160	3,770	3.2	-	-	-	GAS	41,530	1,028,413	42,710.0	273,059	7.24	6.57
33. B B #4 (COAL)	432	71,660	22.3	-	-	-	COAL	36,060	22,499,445	811,330.0	3,258,340	4.55	90.36
34. BIG BEND #4 TOTAL	-	75,460	23.5	89.3	89.2	11,318	-	-	-	854,040.0	3,531,399	4.68	-
35. B.B. IGNITION	-	-	-	-	-	-	GAS	7,100	1,028,169	7,300.0	46,662	-	6.57
36. B.B.C.T.#4 TOTAL	61	890	2.0	98.3	52.1	13,067	GAS	11,310	1,028,294	11,630.0	74,383	8.36	6.57
37. B.B.C.T.#5 TOTAL	350	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. B.B.C.T.#6 TOTAL	350	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. BIG BEND STATION TOTAL	3,018	736,390	32.8	60.8	70.3	6,817	-	5,019,760.0	-	30,221,537	-	4.10	-
40. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	230	38,040	21.1	93.8	73.2	8,931	GAS	313,100	1,028,010	321,870.0	2,068,626	5.71	6.57
42. POLK #1 TOTAL	230	38,040	21.1	93.8	73.2	8,931	-	-	-	321,870.0	2,068,626	5.71	-
43. POLK #2 ST DUCT FIRING	120	5,340	6.0	-	67.4	8,169	GAS	42,430	1,028,046	43,620.0	278,976	5.22	6.57
44. POLK #2 ST W/O DUCT FIRING	360	3,054,220	87.0	-	98.4	7,046	GAS	2,087,405	1,028,004	2,145,860.0	13,724,643	4.49	6.57
45. POLK #2 ST TOTAL	480	310,760	87.0	-	98.4	7,046	-	-	-	2,189,480.0	14,003,619	4.51	-
46. POLK #2 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
47. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,856	1,950.0	46,133	30.76	138.54
48. POLK #2 TOTAL	180	150	0.1	-	80.2	13,000	-	-	-	1,950.0	46,133	30.76	-
49. POLK #3 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,464	1,950.0	45,995	30.66	138.54
51. POLK #3 TOTAL	180	150	0.1	-	80.2	13,000	-	-	-	1,950.0	45,995	30.66	-

SCHEDULE E4

TAMPA ELECTRIC COMPANY
 SYSTEM NET GENERATION AND FUEL COST
 ESTIMATED FOR THE PERIOD: DECEMBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
52. POLK #4 CT (GAS) TOTAL	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
53. POLK #5 CT (GAS) TOTAL	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
54. POLK #2 CC TOTAL	1,200	311,060	34.8	81.7	98.3	7,051	-	-	-	2,193,380.0	14,095,747	4.53	-
55. POLK STATION TOTAL	1,430	347,100	32.6	83.7	92.2	7,246	-	-	-	2,515,290.0	16,154,373	4.85	-
56. BAYSIDE #1	702	140,760	24.2	98.6	37.0	7,516	GAS	1,057,670	1,038,005	1,087,290.0	6,954,157	4.87	6.57
57. BAYSIDE #2	1,047	170,830	21.9	97.3	22.9	8,270	GAS	1,374,290	1,027,983	1,412,790.0	9,035,927	5.20	6.57
58. BAYSIDE #3	61	1,070	2.4	98.6	54.8	12,981	GAS	13,520	1,027,367	13,890.0	88,894	8.31	6.58
59. BAYSIDE #4	61	770	1.7	98.6	52.6	13,299	GAS	9,950	1,028,112	10,240.0	65,487	8.50	6.58
60. BAYSIDE #5	61	1,150	2.5	98.6	49.6	13,322	GAS	14,910	1,027,488	15,320.0	98,033	8.52	6.57
61. BAYSIDE #6	61	1,280	2.8	98.6	55.2	13,039	GAS	16,280	1,026,445	16,690.0	106,909	8.35	6.57
62. BAYSIDE STATION TOTAL	2,083	317,860	20.5	97.2	27.9	8,042	GAS	2,486,610	1,027,882	2,556,190.0	16,349,407	5.14	6.57
63. SYSTEM TOTAL	7,953	1,555,750	26.3	64.4	62.5	6,571	-	-	-	10,091,200.0	62,725,317	4.08	-

(1) As burned fuel cost system total includes ignition
 (2) Fuel burned (MM BTU) system total excludes ignition
 (3) AC rating
 (4) In Simple Cycle Mode

LEGEND:
 B.B. = BIG BEND
 CT = COMBUSTION TURBINE
 SI = STEAM TURBINE
 CC = COMBINED CYCLE

SCHEDULE E5

TAMPA ELECTRIC COMPANY
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
 ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH JUNE 2023

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
HEAVY OIL						
1. PURCHASES:						
2. UNITS (BBL)	0	0	0	0	0	0
3. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT (\$)	0	0	0	0	0	0
5. BURNED:						
6. UNITS (BBL)	0	0	0	0	0	0
7. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT (\$)	0	0	0	0	0	0
9. ENDING INVENTORY:						
10. UNITS (BBL)	0	0	0	0	0	0
11. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT (\$)	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0
LIGHT OIL						
14. PURCHASES:						
15. UNITS (BBL)	665	665	665	665	665	665
16. UNIT COST (\$/BBL)	138.85	138.85	138.85	138.85	138.85	138.85
17. AMOUNT (\$)	92,334	92,334	92,334	92,334	92,334	92,334
18. BURNED:						
19. UNITS (BBL)	665	665	665	665	665	665
20. UNIT COST (\$/BBL)	138.69	138.69	138.69	138.70	138.70	138.70
21. AMOUNT (\$)	92,228	92,229	92,231	92,233	92,235	92,236
22. ENDING INVENTORY:						
23. UNITS (BBL)	38,446	38,446	38,446	38,446	38,446	38,446
24. UNIT COST (\$/BBL)	138.65	138.66	138.66	138.66	138.66	138.67
25. AMOUNT (\$)	5,330,686	5,330,791	5,330,894	5,330,995	5,331,095	5,331,193
26. DAYS SUPPLY: NORMAL	1,758	1,758	1,763	1,763	1,763	1,763
27. DAYS SUPPLY: EMERGENCY	5	5	5	5	5	5
COAL						
28. PURCHASES:						
29. UNITS (TONS)	65,000	41,500	70,500	27,000	0	27,000
30. UNIT COST (\$/TON)	92.10	91.19	89.92	93.26	0.00	93.23
31. AMOUNT (\$)	5,986,749	3,784,562	6,339,175	2,518,136	0	2,517,090
32. BURNED:						
33. UNITS (TONS)	16,440	12,260	18,570	0	0	28,680
34. UNIT COST (\$/TON)	86.87	87.61	88.40	0.00	0.00	88.73
35. AMOUNT (\$)	1,428,080	1,074,152	1,641,578	0	0	2,544,711
36. ENDING INVENTORY:						
37. UNITS (TONS)	201,624	230,864	282,794	309,794	309,794	308,114
38. UNIT COST (\$/TON)	92.27	92.48	92.15	92.25	92.25	92.72
39. AMOUNT (\$)	18,602,903	21,351,202	26,060,750	28,578,886	28,578,886	28,569,722
40. DAYS SUPPLY:	384	666	1,401	983	330	279
NATURAL GAS						
41. PURCHASES:						
42. UNITS (MCF)	9,261,685	8,069,055	9,211,125	10,461,120	11,095,785	11,750,405
43. UNIT COST (\$/MCF)	6.58	6.78	5.80	5.67	5.70	5.79
44. AMOUNT (\$)	60,903,737	54,704,099	53,456,193	59,329,420	63,294,720	68,035,188
45. BURNED:						
46. UNITS (MCF)	9,234,345	8,069,055	9,211,125	9,293,805	11,095,785	11,750,405
47. UNIT COST (\$/MCF)	6.71	6.78	5.83	5.87	5.70	5.77
48. AMOUNT (\$)	61,946,363	54,682,339	53,656,273	54,574,540	63,289,600	67,847,668
49. ENDING INVENTORY:						
50. UNITS (MCF)	389,105	389,105	389,105	1,556,420	1,556,420	1,556,420
51. UNIT COST (\$/MCF)	4.84	4.90	4.38	4.15	4.15	4.27
52. AMOUNT (\$)	1,883,600	1,905,360	1,705,280	6,460,160	6,465,280	6,652,800
53. DAYS SUPPLY:	1	1	1	5	5	5
NUCLEAR						
54. BURNED:						
55. UNITS (MMBTU)	0	0	0	0	0	0
56. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT (\$)	0	0	0	0	0	0
OTHER						
58. PURCHASES:						
59. UNITS (MMBTU)	0	0	0	0	0	0
60. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT (\$)	0	0	0	0	0	0
62. BURNED:						
63. UNITS (MMBTU)	0	0	0	0	0	0
64. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT (\$)	0	0	0	0	0	0
66. ENDING INVENTORY:						
67. UNITS (MMBTU)	0	0	0	0	0	0
68. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT (\$)	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
 (1) LIGHT OIL-IGNITION AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENT (3) GAS-IGNITION

SCHEDULE E5

TAMPA ELECTRIC COMPANY
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
 ESTIMATED FOR THE PERIOD: JULY 2023 THROUGH DECEMBER 2023

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
HEAVY OIL							
1. PURCHASES:							
2. UNITS (BBL)	0	0	0	0	0	0	0
3. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT (\$)	0	0	0	0	0	0	0
5. BURNED:							
6. UNITS (BBL)	0	0	0	0	0	0	0
7. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT (\$)	0	0	0	0	0	0	0
9. ENDING INVENTORY:							
10. UNITS (BBL)	0	0	0	0	0	0	0
11. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT (\$)	0	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0	-
LIGHT OIL							
14. PURCHASES:							
15. UNITS (BBL)	665	665	665	665	665	665	7,980
16. UNIT COST (\$/BBL)	138.85	138.03	137.48	136.83	136.05	135.22	137.96
17. AMOUNT (\$)	92,334	91,790	91,421	90,990	90,471	89,920	1,100,930
18. BURNED:							
19. UNITS (BBL)	665	665	665	665	665	665	7,980
20. UNIT COST (\$/BBL)	138.70	138.69	138.67	138.64	138.60	138.54	138.67
21. AMOUNT (\$)	92,238	92,230	92,217	92,196	92,166	92,128	1,106,567
22. ENDING INVENTORY:							
23. UNITS (BBL)	38,446	38,446	38,446	38,446	38,446	38,446	38,446
24. UNIT COST (\$/BBL)	138.67	138.66	138.64	138.61	138.56	138.50	138.50
25. AMOUNT (\$)	5,331,289	5,330,849	5,330,054	5,328,849	5,327,154	5,324,945	5,324,945
26. DAYS SUPPLY: NORMAL	1,763	1,763	1,763	1,763	1,763	1,763	-
27. DAYS SUPPLY: EMERGENCY	5	5	5	5	5	5	-
COAL							
28. PURCHASES:							
29. UNITS (TONS)	41,500	27,000	54,000	68,500	41,500	41,500	505,000
30. UNIT COST (\$/TON)	91.44	93.34	93.34	92.29	91.52	91.52	91.92
31. AMOUNT (\$)	3,794,940	2,520,249	5,040,498	6,321,559	3,798,125	3,798,125	46,419,209
32. BURNED:							
33. UNITS (TONS)	57,570	15,240	61,960	80,120	31,350	36,060	358,250
34. UNIT COST (\$/TON)	89.07	91.17	89.48	89.88	90.14	90.36	89.42
35. AMOUNT (\$)	5,127,816	1,389,464	5,544,287	7,201,120	2,825,947	3,258,340	32,035,495
36. ENDING INVENTORY:							
37. UNITS (TONS)	292,044	303,804	295,844	284,224	294,374	299,814	299,814
38. UNIT COST (\$/TON)	93.39	93.63	94.58	95.53	95.61	95.75	95.75
39. AMOUNT (\$)	27,273,895	28,444,488	27,980,573	27,152,574	28,144,927	28,707,918	28,707,918
40. DAYS SUPPLY:	199	178	155	177	336	440	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	12,086,385	12,882,985	11,226,405	10,151,895	8,471,695	9,030,425	123,698,965
43. UNIT COST (\$/MCF)	6.07	5.91	5.92	6.02	6.24	6.64	6.06
44. AMOUNT (\$)	73,401,554	76,201,125	66,409,510	61,134,581	52,876,355	59,991,488	749,737,970
45. BURNED:							
46. UNITS (MCF)	12,086,385	12,882,985	11,226,405	10,151,895	8,471,695	9,030,425	122,504,310
47. UNIT COST (\$/MCF)	6.06	5.91	5.92	6.01	6.19	6.57	6.08
48. AMOUNT (\$)	73,219,794	76,196,005	66,498,150	61,037,941	52,413,315	59,374,849	744,736,837
49. ENDING INVENTORY:							
50. UNITS (MCF)	1,556,420	1,556,420	1,556,420	1,556,420	1,556,420	1,556,420	1,556,420
51. UNIT COST (\$/MCF)	4.39	4.39	4.34	4.40	4.70	5.09	5.09
52. AMOUNT (\$)	6,834,560	6,839,679	6,751,041	6,847,680	7,310,720	7,927,360	7,927,360
53. DAYS SUPPLY:	5	5	5	5	5	5	-
NUCLEAR							
54. BURNED:							
55. UNITS (MMBTU)	0	0	0	0	0	0	0
56. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT (\$)	0	0	0	0	0	0	0
OTHER							
58. PURCHASES:							
59. UNITS (MMBTU)	0	0	0	0	0	0	0
60. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT (\$)	0	0	0	0	0	0	0
62. BURNED:							
63. UNITS (MMBTU)	0	0	0	0	0	0	0
64. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT (\$)	0	0	0	0	0	0	0
66. ENDING INVENTORY:							
67. UNITS (MMBTU)	0	0	0	0	0	0	0
68. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT (\$)	0	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0	-

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
 (1) LIGHT OIL-IGNITION AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENT (3) GAS-IGNITION

SCHEDULE E6

TAMPA ELECTRIC COMPANY
 POWER SOLD
 ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH JUNE 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	CENTS/KWH (A) FUEL COST	CENTS/KWH (B) TOTAL COST ADJUSTMENT	TOTAL \$ FOR FUEL	TOTAL COST \$	GAINS ON SALES
Jan-23	SEMINOLE	JURISD. SCH. - D	4,140.0	0.0	4,140.0	3.574	3.902	147,950.00	161,539.00	13,589.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		4,140.0	0.0	4,140.0	3.574	3.902	147,950.00	161,539.00	13,589.00
Feb-23	SEMINOLE	JURISD. SCH. - D	4,260.0	0.0	4,260.0	3.580	3.909	152,520.00	166,528.00	14,008.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		4,260.0	0.0	4,260.0	3.580	3.909	152,520.00	166,528.00	14,008.00
Mar-23	SEMINOLE	JURISD. SCH. - D	3,950.0	0.0	3,950.0	3.333	3.640	131,670.00	143,763.00	12,093.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		3,950.0	0.0	3,950.0	3.333	3.640	131,670.00	143,763.00	12,093.00
Apr-23	SEMINOLE	JURISD. SCH. - D	2,550.0	0.0	2,550.0	3.229	3.526	82,340.00	89,903.00	7,563.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		2,550.0	0.0	2,550.0	3.229	3.526	82,340.00	89,903.00	7,563.00
May-23	SEMINOLE	JURISD. SCH. - D	3,290.0	0.0	3,290.0	3.350	3.657	110,200.00	120,321.00	10,121.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		3,290.0	0.0	3,290.0	3.350	3.657	110,200.00	120,321.00	10,121.00
Jun-23	SEMINOLE	JURISD. SCH. - D	2,460.0	0.0	2,460.0	3.583	3.912	88,140.00	96,235.00	8,095.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		2,460.0	0.0	2,460.0	3.583	3.912	88,140.00	96,235.00	8,095.00

TAMPA ELECTRIC COMPANY
 POWER SOLD

SCHEDULE E6

ESTIMATED FOR THE PERIOD: JULY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
						CENTS/KWH				
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	WHEELED MWH		FROM OWN GENERATION	TOTAL FUEL COST	TOTAL FUEL COST ADJUSTMENT	TOTAL COST \$	GAINS ON SALES
				OTHER SYSTEMS	FROM					
Jul-23	SEMINOLE JURISD.	SCH. - D	2,660.0	0.0	2,660.0	3,748	4.092	99,700.00	108,857.00	9,157.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		2,660.0	0.0	2,660.0	3,748	4.092	99,700.00	108,857.00	9,157.00
Aug-23	SEMINOLE JURISD.	SCH. - D	2,860.0	0.0	2,860.0	3,861	4.215	110,420.00	120,562.00	10,142.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		2,860.0	0.0	2,860.0	3,861	4.215	110,420.00	120,562.00	10,142.00
Sep-23	SEMINOLE JURISD.	SCH. - D	3,830.0	0.0	3,830.0	3,741	4.085	143,290.00	156,451.00	13,161.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		3,830.0	0.0	3,830.0	3,741	4.085	143,290.00	156,451.00	13,161.00
Oct-23	SEMINOLE JURISD.	SCH. - D	3,240.0	0.0	3,240.0	3,815	4.165	123,590.00	134,941.00	11,351.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		3,240.0	0.0	3,240.0	3,815	4.165	123,590.00	134,941.00	11,351.00
Nov-23	SEMINOLE JURISD.	SCH. - D	3,760.0	0.0	3,760.0	3,568	3.896	134,150.00	146,471.00	12,321.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		3,760.0	0.0	3,760.0	3,568	3.896	134,150.00	146,471.00	12,321.00
Dec-23	SEMINOLE JURISD.	SCH. - D	3,120.0	0.0	3,120.0	3,810	4.160	118,880.00	129,799.00	10,919.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		3,120.0	0.0	3,120.0	3,810	4.160	118,880.00	129,799.00	10,919.00
TOTAL										
Jan-23	SEMINOLE JURISD.	SCH. - D	40,120.0	0.0	40,120.0	3,596	3.927	1,442,850.00	1,575,370.00	132,520.00
THRU	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
Dec-23	TOTAL		40,120.0	0.0	40,120.0	3,596	3.927	1,442,850.00	1,575,370.00	132,520.00

TAMPA ELECTRIC COMPANY
 PURCHASED POWER
 EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES
 ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E7

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUP- TIBLE	(7) MWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT
							(A)	(B)	
							FUEL COST	TOTAL COST	
Jan-23	VARIOUS	FIRM	28,800.0	0.0	0.0	28,800.0	6.216	6.216	1,790,320.00
	TOTAL		28,800.0	0.0	0.0	28,800.0	6.216	6.216	1,790,320.00
Feb-23	VARIOUS	FIRM	28,800.0	0.0	0.0	28,800.0	6.266	6.266	1,804,710.00
	TOTAL		28,800.0	0.0	0.0	28,800.0	6.266	6.266	1,804,710.00
Mar-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
Apr-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
May-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
Jun-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
Jul-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
Aug-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
Sep-23	VARIOUS	FIRM	60.0	0.0	0.0	60.0	7.850	7.850	4,710.00
	TOTAL		60.0	0.0	0.0	60.0	7.850	7.850	4,710.00
Oct-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
Nov-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
Dec-23	VARIOUS	FIRM	240.0	0.0	0.0	240.0	7.492	7.492	17,980.00
	TOTAL		240.0	0.0	0.0	240.0	7.492	7.492	17,980.00
TOTAL									
Jan-23	VARIOUS	FIRM	57,900.0	0.0	0.0	57,900.0	6.248	6.248	3,617,720.00
Jan-23	THRU		57,900.0	0.0	0.0	57,900.0	6.248	6.248	3,617,720.00
Dec-23									

TAMPA ELECTRIC COMPANY
 ENERGY PAYMENT TO QUALIFYING FACILITIES
 ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E8

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUP- TIBLE	(7) MWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJUST- MENT
							(A) FUEL COST	(B) TOTAL COST	
Jan-23	VARIOUS	CO-GEN. AS AVAIL.	5,740.0	0.0	0.0	5,740.0	3.203	3.203	183,860.00
	TOTAL		5,740.0	0.0	0.0	5,740.0	3.203	3.203	183,860.00
Feb-23	VARIOUS	CO-GEN. AS AVAIL.	5,240.0	0.0	0.0	5,240.0	3.102	3.102	162,520.00
	TOTAL		5,240.0	0.0	0.0	5,240.0	3.102	3.102	162,520.00
Mar-23	VARIOUS	CO-GEN. AS AVAIL.	5,500.0	0.0	0.0	5,500.0	2.629	2.629	144,580.00
	TOTAL		5,500.0	0.0	0.0	5,500.0	2.629	2.629	144,580.00
Apr-23	VARIOUS	CO-GEN. AS AVAIL.	5,190.0	0.0	0.0	5,190.0	2.547	2.547	132,170.00
	TOTAL		5,190.0	0.0	0.0	5,190.0	2.547	2.547	132,170.00
May-23	VARIOUS	CO-GEN. AS AVAIL.	5,510.0	0.0	0.0	5,510.0	2.775	2.775	152,920.00
	TOTAL		5,510.0	0.0	0.0	5,510.0	2.775	2.775	152,920.00
Jun-23	VARIOUS	CO-GEN. AS AVAIL.	5,420.0	0.0	0.0	5,420.0	2.608	2.608	141,350.00
	TOTAL		5,420.0	0.0	0.0	5,420.0	2.608	2.608	141,350.00
Jul-23	VARIOUS	CO-GEN. AS AVAIL.	5,310.0	0.0	0.0	5,310.0	3.105	3.105	164,850.00
	TOTAL		5,310.0	0.0	0.0	5,310.0	3.105	3.105	164,850.00
Aug-23	VARIOUS	CO-GEN. AS AVAIL.	5,330.0	0.0	0.0	5,330.0	2.589	2.589	138,020.00
	TOTAL		5,330.0	0.0	0.0	5,330.0	2.589	2.589	138,020.00
Sep-23	VARIOUS	CO-GEN. AS AVAIL.	5,550.0	0.0	0.0	5,550.0	2.633	2.633	146,150.00
	TOTAL		5,550.0	0.0	0.0	5,550.0	2.633	2.633	146,150.00
Oct-23	VARIOUS	CO-GEN. AS AVAIL.	5,580.0	0.0	0.0	5,580.0	2.543	2.543	141,890.00
	TOTAL		5,580.0	0.0	0.0	5,580.0	2.543	2.543	141,890.00
Nov-23	VARIOUS	CO-GEN. AS AVAIL.	4,920.0	0.0	0.0	4,920.0	2.644	2.644	130,070.00
	TOTAL		4,920.0	0.0	0.0	4,920.0	2.644	2.644	130,070.00
Dec-23	VARIOUS	CO-GEN. AS AVAIL.	5,680.0	0.0	0.0	5,680.0	2.631	2.631	149,440.00
	TOTAL		5,680.0	0.0	0.0	5,680.0	2.631	2.631	149,440.00
TOTAL Jan-23 THRU Dec-23	VARIOUS TOTAL	CO-GEN. AS AVAIL.	64,970.0	0.0	0.0	64,970.0	2.752	2.752	1,787,820.00

TAMPA ELECTRIC COMPANY
ECONOMY ENERGY PURCHASES
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	TRANSACTION COST cents/KWH	TOTAL \$ FOR FUEL ADJUSTMENT	COST IF GENERATED		FUEL SAVINGS (\$B)-18
								(A) CENTS PER KWH	(B) DOLLARS	
Jan-23	VARIOUS	SCH. - J	90.0	0.0	90.0	60.844	54,760.00	287.844	259,060.00	204,300.00
Feb-23	VARIOUS	SCH. - J	0.0	0.0	0.0	0.000	0.00	0.000	985,060.00	985,060.00
Mar-23	VARIOUS	SCH. - J	880.0	0.0	880.0	7.557	66,500.00	274.174	2,412,730.00	2,346,230.00
Apr-23	VARIOUS	SCH. - J	360.0	0.0	360.0	6.433	23,160.00	225.100	810,360.00	787,200.00
May-23	VARIOUS	SCH. - J	260.0	0.0	260.0	5.169	13,440.00	760.754	1,977,960.00	1,964,520.00
Jun-23	VARIOUS	SCH. - J	490.0	0.0	490.0	6.802	33,330.00	558.686	2,737,560.00	2,704,230.00
Jul-23	VARIOUS	SCH. - J	220.0	0.0	220.0	12.800	28,160.00	842.250	1,852,950.00	1,824,790.00
Aug-23	VARIOUS	SCH. - J	590.0	0.0	590.0	7.622	44,970.00	515.420	3,040,980.00	2,996,010.00
Sep-23	VARIOUS	SCH. - J	12,940.0	0.0	12,940.0	11.235	1,453,790.00	46.982	6,079,460.00	4,625,670.00
Oct-23	VARIOUS	SCH. - J	8,360.0	0.0	8,360.0	7.664	640,700.00	55.589	4,647,230.00	4,006,530.00
Nov-23	VARIOUS	SCH. - J	4,930.0	0.0	4,930.0	6.622	326,480.00	56.137	2,767,570.00	2,441,090.00
Dec-23	VARIOUS	SCH. - J	1,080.0	0.0	1,080.0	28.736	310,350.00	153.414	1,656,870.00	1,346,520.00
TOTAL			30,200.0	0.0	30,200.0	9.919	2,995,640.00	96.781	29,227,790.00	26,232,150.00

SCHEDULE E10

TAMPA ELECTRIC COMPANY
 RESIDENTIAL BILL COMPARISON
 FOR MONTHLY USAGE OF 1,000 KWH

	Approved		Projected	Difference	
	Jan 2023 - Mar 2023	Apr 2023 - Dec 2023		\$	%
Base Rate Revenue	86.22	86.22	86.22	0.00	0.0%
Fuel Recovery Revenue	45.25	49.33	49.33	4.08	9.0%
Conservation Revenue	2.81	2.81	2.81	0.00	0.0%
Capacity Revenue	(0.18)	(0.18)	(0.18)	0.00	0.0%
Environmental Revenue	0.92	0.92	0.92	0.00	0.0%
Storm Protection Plan Revenue	3.73	3.73	3.73	0.00	0.0%
Clean Energy Transition Mechanism	4.30	4.30	4.30	0.00	0.0%
Storm Restoration Surcharge ⁽¹⁾	0.00	10.22	10.22	10.22	0.0%
Florida Gross Receipts Tax Revenue	3.67	4.03	4.03	0.36	9.8%
TOTAL REVENUE	\$146.72	\$161.38	\$161.38	\$14.66	10.0%

(1) Storm Restoration Surcharge subject to commission approval

SCHEDULE H1

TAMPA ELECTRIC COMPANY
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 PERIOD: JANUARY THROUGH DECEMBER

	ACTUAL 2020	ACTUAL 2021	ACTUAL 2022	EST 2023	DIFFERENCE (%)		
					2021-2020	2022-2021	2023-2022
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
2 LIGHT OIL ⁽¹⁾	636,201	833,691	2,550,922	1,106,567	31.0%	206.0%	-56.6%
3 COAL	33,991,967	48,429,754	49,771,328	32,035,495	42.5%	2.8%	-35.6%
4 NATURAL GAS	379,848,073	613,516,607	1,067,910,562	744,736,837	61.5%	74.1%	-30.3%
5 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
6 OTHER	0	0	0	0	0.0%	0.0%	0.0%
7 TOTAL (\$)	414,476,241	662,780,052	1,120,232,813	777,878,899	59.9%	69.0%	-30.6%
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
9 LIGHT OIL ⁽¹⁾	1,901	2,024	6,171	3,600	6.5%	204.9%	-41.7%
10 COAL	903,680	1,340,015	1,319,238	705,800	48.3%	-1.6%	-46.5%
11 NATURAL GAS	16,519,857	16,142,165	17,082,912	18,146,190	-2.3%	5.8%	6.2%
12 SOLAR	1,119,822	1,252,466	1,491,936	2,052,310	11.8%	19.1%	37.6%
13 OTHER	0	0	0	0	0.0%	0.0%	0.0%
14 TOTAL (MWH)	18,545,260	18,736,670	19,900,257	20,907,900	1.0%	6.2%	5.1%
UNITS OF FUEL BURNED							
15 HEAVY OIL (BBL) ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
16 LIGHT OIL (BBL) ⁽¹⁾	4,345	5,880	18,731	7,980	35.3%	218.6%	-57.4%
17 COAL (TON)	431,512	637,962	651,985	358,250	47.8%	2.2%	-45.1%
18 NATURAL GAS (MCF)	127,992,191	124,139,525	125,009,105	122,504,310	-3.0%	0.7%	-2.0%
19 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
20 OTHER	0	0	0	0	0.0%	0.0%	0.0%
BTUS BURNED (MMBTU)							
21 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
22 LIGHT OIL ⁽¹⁾	25,328	34,272	109,189	46,800	35.3%	218.6%	-57.1%
23 COAL	9,830,729	14,535,162	14,858,003	8,060,390	47.9%	2.2%	-45.8%
24 NATURAL GAS	131,021,110	126,980,604	128,355,240	125,862,010	-3.1%	-1.1%	-1.9%
25 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
26 OTHER	0	0	0	0	0.0%	0.0%	0.0%
27 TOTAL (MMBTU)	140,877,167	141,550,038	143,322,432	133,969,200	0.5%	1.3%	-6.5%
GENERATION MIX (% MWH)							
28 HEAVY OIL ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
29 LIGHT OIL ⁽¹⁾	0.01	0.01	0.03	0.02	0.0%	200.0%	-33.3%
30 COAL	4.87	7.16	6.63	3.37	47.0%	-7.4%	-49.2%
31 NATURAL GAS	89.08	86.15	85.84	86.79	-3.3%	-0.4%	1.1%
32 SOLAR	6.04	6.68	7.50	9.82	10.6%	12.3%	30.9%
33 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
34 TOTAL (%)	100.00	100.00	100.00	100.00	0.0%	0.0%	0.0%
FUEL COST PER UNIT							
35 HEAVY OIL (\$/BBL) ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
36 LIGHT OIL (\$/BBL) ⁽¹⁾	146.42	141.78	136.19	138.67	-3.2%	-3.9%	1.8%
37 COAL (\$/TON)	78.77	75.91	76.34	89.42	-3.6%	0.6%	17.1%
38 NATURAL GAS (\$/MCF)	2.97	4.94	8.54	6.08	66.3%	72.9%	-28.8%
39 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
40 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
FUEL COST PER MMBTU (\$/MMBTU)							
41 HEAVY OIL ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
42 LIGHT OIL ⁽¹⁾	25.12	24.33	23.36	23.64	-3.1%	-4.0%	1.2%
43 COAL	3.46	3.33	3.35	3.97	-3.8%	0.6%	18.5%
44 NATURAL GAS	2.90	4.83	8.32	5.92	66.6%	72.3%	-28.8%
45 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
46 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
47 TOTAL (\$/MMBTU)	2.94	4.68	7.82	5.81	59.2%	67.1%	-25.7%
BTU BURNED PER KWH (BTU/KWH)							
48 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
49 LIGHT OIL ⁽¹⁾	13,324	16,933	17,694	13,000	27.1%	4.5%	-26.5%
50 COAL	10,879	10,847	11,263	11,420	-0.3%	3.8%	1.4%
51 NATURAL GAS	7,931	7,866	7,514	6,936	-0.8%	-4.5%	-7.7%
52 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
53 OTHER	0	0	0	0	0.0%	0.0%	0.0%
54 TOTAL (BTU/KWH)	7,596	7,555	7,202	6,408	-0.5%	-4.7%	-11.0%
GENERATED FUEL COST PER KWH (cents/KWH)							
55 HEAVY OIL ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
56 LIGHT OIL ⁽¹⁾	33.47	41.19	41.34	30.74	23.1%	0.4%	-25.6%
57 COAL	3.76	3.61	3.77	4.54	-4.0%	4.4%	20.4%
58 NATURAL GAS	2.30	3.80	6.25	4.10	65.2%	64.5%	-34.4%
59 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
60 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
61 TOTAL (cents/KWH)	2.23	3.54	5.63	3.72	58.7%	59.0%	-33.9%

⁽¹⁾ DISTILLATE (BBLs, MWH & \$) USED FOR FIRING, HOT STANDBY, ETC. IS INCLUDED IN FOSSIL STEAM PLANTS.

EXHIBIT “D”



EIGHTY-FIFTH REVISED SHEET NO. 6.020
 CANCELS EIGHTY-FIFTH REVISED SHEET NO. 6.020

ADDITIONAL BILLING CHARGES

TOTAL FUEL AND PURCHASED POWER COST RECOVERY CLAUSE: The total fuel and purchased power cost recovery factor shall be applied to each kilowatt-hour delivered, and shall be computed in accordance with the formula prescribed by the Florida Public Service Commission. The following fuel recovery factors by rate schedule have been approved by the Commission:

RECOVERY PERIOD
 (April January 2023 through December 2023)

Rate Schedules	¢/kWh Fuel			¢/kWh Capacity	¢/kWh Environmental
	Standard	Peak	Off-Peak		
RS (up to 1,000 kWh)	<u>4.9334.525</u>			-0.018	0.138
RS (over 1,000 kWh)	<u>5.9335.525</u>			-0.018	0.138
RSVP-1 (P ₁)	<u>5.2644.832</u>			-0.018	0.138
(P ₂)	<u>5.2644.832</u>			-0.018	0.138
(P ₃)	<u>5.2644.832</u>			-0.018	0.138
(P ₄)	<u>5.2644.832</u>			-0.018	0.138
GS, GST	<u>5.2644.832</u>	<u>5.6425.179</u>	<u>5.1014.683</u>	-0.017	0.135
CS	<u>5.2644.832</u>			-0.017	0.135
LS-1, LS-2	<u>5.1934.767</u>			-0.003	0.113
GSD Optional					
Secondary	<u>5.2644.832</u>			-0.014	0.130
Primary	<u>5.2114.784</u>			-0.014	0.129
Subtransmission	<u>5.1594.735</u>			-0.014	0.128
Rate Schedules	¢/kWh Fuel			\$/kW Capacity	¢/kWh Environmental
	Standard	Peak	Off-Peak		
GSD, GSDT, SBD, SBDT					
Secondary	<u>5.2644.832</u>	<u>5.6425.179</u>	<u>5.1014.683</u>	-0.06	0.130
Primary	<u>5.2114.784</u>	<u>5.5865.127</u>	<u>5.0504.636</u>	-0.06	0.129
Subtransmission	<u>5.1594.735</u>	<u>5.5295.075</u>	<u>4.9994.589</u>	-0.06	0.128
GSLDPR, GSLDTPR	<u>5.2114.784</u>	<u>5.5865.127</u>	<u>5.0504.636</u>	-0.05	0.123
SBLDPR, SBLDTPR	<u>5.2114.784</u>	<u>5.5865.127</u>	<u>5.0504.636</u>	-0.05	0.123
GSLDSU, GSLDTSU	<u>5.1594.735</u>	<u>5.5295.075</u>	<u>4.9994.589</u>	-0.04	0.120
SBLDSU, SBLDTSU	<u>5.1594.735</u>	<u>5.5295.075</u>	<u>4.9994.589</u>	-0.04	0.120

Continued to Sheet No. 6.021

ISSUED BY: A. D. Collins, President

DATE EFFECTIVE: APRIL 1, 2023



**EIGHTY-SIXTH REVISED SHEET NO. 6.020
 CANCELS EIGHTY-FIFTH REVISED SHEET NO. 6.020**

ADDITIONAL BILLING CHARGES

TOTAL FUEL AND PURCHASED POWER COST RECOVERY CLAUSE: The total fuel and purchased power cost recovery factor shall be applied to each kilowatt-hour delivered, and shall be computed in accordance with the formula prescribed by the Florida Public Service Commission. The following fuel recovery factors by rate schedule have been approved by the Commission:

RECOVERY PERIOD
 (April 2023 through December 2023)

Rate Schedules	¢/kWh Fuel			¢/kWh Capacity	¢/kWh Environmental
	Standard	Peak	Off-Peak		
RS (up to 1,000 kWh)	4.933			-0.018	0.138
RS (over 1,000 kWh)	5.933			-0.018	0.138
RSVP-1 (P ₁)	5.264			-0.018	0.138
(P ₂)	5.264			-0.018	0.138
(P ₃)	5.264			-0.018	0.138
(P ₄)	5.264			-0.018	0.138
GS, GST	5.264	5.642	5.101	-0.017	0.135
CS	5.264			-0.017	0.135
LS-1, LS-2	5.193			-0.003	0.113
GSD Optional					
Secondary	5.264			-0.014	0.130
Primary	5.211			-0.014	0.129
Subtransmission	5.159			-0.014	0.128
Rate Schedules	¢/kWh Fuel			\$/kW Capacity	¢/kWh Environmental
	Standard	Peak	Off-Peak		
GSD, GSDT, SBD, SBDT					
Secondary	5.264	5.642	5.101	-0.06	0.130
Primary	5.211	5.586	5.050	-0.06	0.129
Subtransmission	5.159	5.529	4.999	-0.06	0.128
GSLDPR, GSLDTPR	5.211	5.586	5.050	-0.05	0.123
SBLDPR, SBLDTPR	5.211	5.586	5.050	-0.05	0.123
GSLDSU, GSLDTSU	5.159	5.529	4.999	-0.04	0.120
SBLDSU, SBLDTSU	5.159	5.529	4.999	-0.04	0.120

Continued to Sheet No. 6.021

ISSUED BY: A. D. Collins, President

DATE EFFECTIVE: APRIL 1, 2023