



July 27, 2022

VIA: ELECTRONIC FILING

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

Re: Fuel and Purchased Power Cost Recovery Clause with Generating
Performance Incentive Factor; FPSC Docket No. 20220001-EI

Dear Mr. Teitzman:

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

1. Petition of Tampa Electric Company
2. Prepared Direct Testimony and Exhibit of M. Ashley Sizemore regarding Fuel and Purchased Power Cost Recovery and Capacity Cost Recovery Actual/Estimated True-Up for the Period January 2022 through December 2022.

Thank you for your assistance in connection with this matter.

Sincerely,

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

Malcolm N. Means

MNM/bmp
Attachment

cc: All Parties of Record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Testimony and Exhibit of M. Ashley Sizemore, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 27th day of July 2022, to the following:

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ATTORNEY

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery) DOCKET NO. 20220001-EI
Clause with Generating Performance Incentive)
Factor.) FILED: July 27, 2022
_____)

PETITION OF TAMPA ELECTRIC COMPANY

Tampa Electric Company ("Tampa Electric" or "company"), hereby petitions the Commission for approval of the company's actual/estimated fuel and purchased power cost recovery and capacity cost recovery true-up amounts for the period January 2022 through December 2022. In support thereof, Tampa Electric incorporates the prepared direct testimony and exhibit of Tampa Electric witness M. Ashley Sizemore.

Fuel and Purchased Power Cost Recovery

1. Tampa Electric projects an actual/estimated true-up amount for the January 2022 through December 2022 period, which is based on actual data for the period January 1, 2022 through June 30, 2022 and revised estimates for the period July 1, 2022 through December 31, 2022 and inclusive of the mid-course correction true-up adjustments of the current period, to be an under-recovery of \$411,964,625. (See Exhibit No. MAS-2, Document No. 1, Schedule E-1A.)

Capacity Cost Recovery

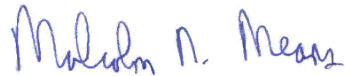
2. Tampa Electric projects a true-up amount for the January 2022 through December 2022 period, which is based on actual data for the period January 1, 2022 through June 30, 2022 and revised estimates for the period July 1, 2022 through December 31, 2022 and inclusive of the mid-course correction true-up adjustments to the current period, to be an over-recovery of \$3,967,826. (See Exhibit No. MAS-2, Document No. 2, Page 1 of 4, Line 6.)

3. Tampa Electric is not aware of any disputed issues of material fact regarding any of the matters stated or relief requested in this petition.

WHEREFORE, Tampa Electric Company requests that the Commission approve Tampa Electric's actual/estimated true-up amounts for fuel and purchased power cost recovery and capacity cost recovery for the period January 1, 2022 through December 31, 2022.

DATED this 27th day of July 2022.

Respectfully submitted,



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ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 27th day of July, 2022, to the following:

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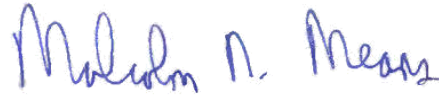
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ATTORNEY



**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET NO. 20220001-EI
FUEL & PURCHASED POWER COST RECOVERY
AND
CAPACITY COST RECOVERY**

**ACTUAL/ESTIMATED TRUE-UP
JANUARY 2022 THROUGH DECEMBER 2022**

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

FILED: JULY 27, 2022

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **M. ASHLEY SIZEMORE**

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

7
8 **A.** My name is M. Ashley Sizemore. My business address is 702
9 N. Franklin Street, Tampa, Florida 33602. I am employed
10 by Tampa Electric Company ("Tampa Electric" or "company")
11 in the position of Manager, Rates, in the Regulatory
12 Affairs department.

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

16
17 **A.** I received a Bachelor of Arts degree in Political Science
18 and a Master of Business Administration degree from the
19 University of South Florida in 2005 and 2008,
20 respectively. I joined Tampa Electric in 2010 as a
21 Customer Service Professional. In 2011, I joined the
22 Regulatory Affairs Department as a Rate Analyst. I spent
23 six years in the Regulatory Affairs Department working on
24 environmental, fuel and capacity cost recovery clauses.
25 During the last three years as a Program Manager in

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

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25

Q. What is the purpose of your direct testimony?

A. The purpose of my testimony is to present, for Commission review and approval, the calculation of the January 2022 through December 2022 fuel and purchased power and capacity actual/estimated true-up amounts to be recovered in the January 2023 through December 2023 projection period. My testimony addresses the recovery of the fuel and purchased power costs as well as capacity costs for the year 2022, based on six months of actual data and six months of estimated data. This information will be used in the determination of the 2023 fuel and purchased power and capacity cost recovery factors.

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

3

4 A. Yes, I have prepared Exhibit No. MAS-2, which consists of
5 two documents. Document No. 1 includes schedules E1-A,
6 E1-B, E-2, E-3, E-4, E-5, E-6, E-7, E-8, and E-9, which
7 provide the actual/estimated fuel and purchased power
8 cost recovery true-up amount for the period January 2022
9 through December 2022. Document No. 2 provides the
10 actual/estimated capacity cost recovery true-up amount
11 for the period January 2022 through December 2022.

12

13 **Fuel and Purchased Power Cost Recovery Factors**

14 Q. What has Tampa Electric calculated as the estimated net
15 true-up amount for the current period to be applied in
16 the January 2023 through December 2023 fuel and purchased
17 power cost recovery factors?

18

19 A. The estimated net true-up amount applicable for the period
20 of January 2022 through December 2022 is an under-recovery
21 of \$411,964,625.

22

23 Q. How did Tampa Electric calculate the estimated net true-
24 up to be applied in the January 2023 through December
25 2023 fuel and purchased power cost recovery factors?

1 **A.** The net true-up amount to be recovered in 2023 does not
2 include the final true-up amount for the period January
3 2021 through December 2021 as this amount was returned to
4 customers during 2022 in Tampa Electric's fuel mid-course
5 factors effective April 2022 through December 2022, as
6 approved in Order No. PSC-2022-0122-PCO-EI, issued March
7 18, 2022, in Docket No. 20220001-EI. The actual/estimated
8 true-up amount for the period January 2022 through
9 December 2022 is included in the January 2023 through
10 December 2023 fuel and purchased power cost recovery
11 factors. This calculation is shown on Schedule E1-A of
12 Exhibit No. MAS-2, Document No. 1.

13
14 **Q.** What did Tampa Electric calculate as the actual/estimated
15 fuel and purchased power cost recovery amount for the
16 period January 2022 through December 2022?

17
18 **A.** The actual/estimated 2022 fuel true-up amount is an under-
19 recovery amount of \$437,178,107 for the January 2022
20 through December 2022 period. The detailed calculations
21 supporting the actual/estimated current period true-up is
22 shown in Exhibit No. MAS-2, Schedule E1-B on Documents
23 No. 1.

24
25 **Q.** What are the primary drivers of the expected 2022 fuel

1 under-recovery amount?

2

3 **A.** The primary reason for the expected 2022 under-recovery
4 is a substantial increase in the price of natural gas,
5 compared to the company's original 2022 mid-course
6 projection.

7

8 **Capacity Cost Recovery Clause**

9 **Q.** What has Tampa Electric calculated as the estimated net
10 true-up amount to be applied in the January 2023 through
11 December 2023 capacity cost recovery factors?

12

13 **A.** The estimated net true-up amount applicable for January
14 2022 through December 2022 is an over-recovery of
15 \$3,967,826 as shown in Exhibit No. MAS-2, Document No. 2,
16 page 1 of 4.

17

18 **Q.** How did Tampa Electric calculate the estimated net true-
19 up amount to be applied in the January 2023 through
20 December 2023 capacity cost recovery factors?

21

22 **A.** The net true-up amount to be recovered in the 2023
23 capacity cost recovery factors includes the
24 actual/estimated true-up amount for January 2022 and
25 December 2022. The final 2021 true-up amount was included

1 in the company's mid-course capacity cost recovery
2 factors effective April 2022 through December 2022, as
3 approved in Order No. PSC-2022-0122-PCO-EI, issued March
4 18, 2022, in Docket No. 20220001-EI.

5
6 **Q.** What did Tampa Electric calculate as the actual/estimated
7 capacity cost recovery true-up amount for the period
8 January 2022 through December 2022?

9
10 **A.** The actual/estimated true-up amount is an over-recovery
11 of \$2,397,141 as shown on Exhibit No. MAS-2, Document
12 No. 2, page 1 of 4.

13
14 **Q.** What did Tampa Electric calculate as the net capacity
15 cost recovery true-up amount for the period January 2022
16 through December 2022?

17
18 **A.** The net capacity cost recovery true-up amount for the
19 period January 2022 through December 2022 is an over-
20 recovery of \$3,967,826. This calculation is shown on
21 Exhibit No. MAS-2, Document No. 2, page 1 of 4.

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

24
25 **A.** Yes, it does.

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 1

FUEL AND PURCHASED POWER COST RECOVERY

ACTUAL / ESTIMATED

JANUARY 2022 THROUGH DECEMBER 2022

TAMPA ELECTRIC COMPANY
TABLE OF CONTENTS

PAGE NO.	DESCRIPTION	PERIOD
2	Schedule E1-A Calculation of Total True-Up	(JAN. 2022 - DEC. 2022)
3	Schedule E1-B Calculation of Estimated True-Up	(")
4	Schedule E2 Cost Recovery Clause Calculation	(")
5-6	Schedule E3 Generating System Comparative Data	(")
7-24	Schedule E4 System Net Generation and Fuel Cost	(")
25-26	Schedule E5 Inventory Analysis	(")
27-28	Schedule E6 Power Sold	(")
29	Schedule E7 Purchased Power	(")
30	Schedule E8 Energy Payment to Qualifying Facilities	(")
31	Schedule E9 Economy Energy Purchases	(")

**TAMPA ELECTRIC COMPANY
 CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP
 FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022**

SCHEDULE E1-A

1.	ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B) January 2022 - December 2022 (6 months actual, 6 months estimated)	(\$437,178,107)
2.	PROJECTED OVER/(UNDER)-RECOVERY TRUE-UP INCLUDED IN APRIL - DECEMBER 2022 RATES (Per Mid-Course correction Schedule E1-C, line 1B)	(\$97,303,593)
3.	DIFFERENCE IN 2021 ESTIMATED TRUE-UP AMOUNT PROJECTED IN MID-COURSE 2022 RATES AND AMOUNT COLLECTED IN 2022 (\$72,171,466 under-recovery less (\$81,354) collected January through March 2022)	<u>(\$72,090,112)</u>
4.	ACTUAL-ESTIMATED 2022 OVER/(UNDER) RECOVERY (Line 1 - Line 2 + Line 3)	(\$411,964,625)
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 (Line 4 + Line 5) To be included in the 12-month projected period January 2023 through December 2023 (2023 Schedule E1, line 29)	<u><u>(\$411,964,625)</u></u>
7.	JURISDICTIONAL MWH SALES (Projected January 2023 through December 2023)	19,935,826
8.	TRUE-UP FACTOR - cents/kWh (Using Effective MWh Sales of 19,906,140)	2.0695

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

SCHEDULE E1-B

	ACTUAL						ESTIMATED						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	70,587,628	103,252,157	120,479,428	103,369,504	105,310,732	93,748,774	95,040,042	79,242,785	79,230,308	1,042,990,791
2. Fuel Cost of Power Sold ⁽¹⁾	2,395,041	759,598	785,979	1,327,781	6,114,348	6,984,080	157,633	168,621	214,452	177,553	218,731	169,260	19,473,076
3. Fuel Cost of Purchased Power	1,001,822	256,338	1,772,599	276,294	1,220,512	1,733,737	15,872,010	15,900,560	14,188,480	3,544,040	0	0	55,766,392
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	134,969	206,010	224,490	219,050	204,220	171,070	159,280	2,485,828
4. Energy Cost of Economy Purchases	0	0	1,406,650	508,120	12,584,572	14,745,106	2,720	119,640	59,240	884,660	251,470	105,650	30,667,827
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	0
6. TOTAL FUEL & NET POWER TRANS.	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,762
⁽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	1,942,965	1,947,617	1,996,854	1,836,913	1,545,183	1,443,554	20,217,692
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	1,942,965	1,947,617	1,996,854	1,836,913	1,545,183	1,443,554	20,217,692
4. Jurisdictional % of Total Sales	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	-
C. 1. Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	45,528,778	42,834,324	43,384,693	60,788,763	69,421,049	79,243,515	80,561,509	80,679,094	82,945,176	75,641,832	62,845,490	58,400,110	782,274,333
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)	0	0	0	0	0	0	0	0	0	(81,354)
2a. Mid-Course True Up				(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,513)	(97,303,593)
2b. Incentive Provision	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,142)	(3,673,726)
2c. 2020 Optimization Mechanism Gains	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,106)	(1,285,228)
3. FUEL REVENUE APPLICABLE TO PERIOD	45,088,414	42,393,960	42,944,329	49,564,007	58,196,293	68,018,759	69,336,753	69,454,338	71,720,420	64,417,076	51,620,734	47,175,349	679,930,432
4. Total Fuel and Net Power Transactions (Line A6)	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,762
5. Jurisd. Total Fuel and Net Power Transactions (Line A6*Line B4)	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,763
5a. 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	-
5b. Jurisdictional Sales Adjusted for Line Losses	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,763
5c. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
6. JURISD. TOTAL FUEL AND NET POWER TRANSACTIONS	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,763
7. Over/(Under) Recovery	(14,925,909)	(25,194,717)	(23,220,516)	(20,581,751)	(53,270,222)	(62,090,401)	(49,955,858)	(51,932,463)	(36,280,672)	(35,078,333)	(27,825,860)	(32,150,629)	(432,507,331)
8. Interest Provision	(7,166)	(15,946)	(37,157)	(72,996)	(129,920)	(256,275)	(427,401)	(548,251)	(610,184)	(746,538)	(886,098)	(932,844)	(4,670,776)
9. TOTAL ESTIMATED TRUE-UP FOR THE PERIOD													(437,178,107)

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

SCHEDULE E2

	(a)	(b)	(c)	Actual			(g)	(h)	Estimated			(k)	(l)	TOTAL PERIOD
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	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	103,369,504	105,310,732	93,748,774	95,040,042	79,242,785	79,230,308	1,042,990,791	
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	157,633	168,621	214,452	177,553	218,731	169,260	19,473,076	
4. Fuel Cost of Purchased Power	1,001,822	256,338	1,772,599	276,294	1,220,512	1,733,737	15,872,010	15,900,560	14,188,480	3,544,040	0	0	55,766,392	
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	206,010	224,490	219,050	204,220	171,070	159,280	2,485,828	
7. Energy Cost of Economy Purchases	0	0	1,406,650	508,120	12,584,572	14,745,106	2,720	119,640	59,240	884,660	251,470	105,650	30,667,827	
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	0	0	
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	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,762	
12. Jurisdictional MWh Sold	1,510,613	1,431,190	1,445,867	1,500,226	1,697,540	1,919,170	1,942,965	1,947,617	1,996,854	1,836,913	1,545,183	1,443,554	20,217,692	
13. Jurisdictional % of Total Sales	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	-	
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	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,762	
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	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,762	
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	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,762	
19. Cost Per kWh Sold (Cents/kWh)	3.9729	4.7226	4.5761	4.6757	6.5664	6.7795	6.1397	6.2326	5.4086	5.4165	5.1416	5.4952	5.5023	
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	6.8483	6.9412	6.1172	6.1251	5.8502	6.2038	6.0324	
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	6.8533	6.9462	6.1216	6.1295	5.8544	6.2083	6.0368	
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	6.8736	6.9665	6.1419	6.1498	5.8747	6.2286	6.0571	
27. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH	3.991	4.741	4.594	5.408	7.301	7.514	6.874	6.966	6.142	6.150	5.875	6.229	6.057	

⁽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	0.00	0.00	0.00	0.00	0.00
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
ESTIMATED FOR THE PERIOD: JULY 2022 THROUGH DECEMBER 2022

SCHEDULE E3

	Estimated						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	92,746	93,151	93,514	93,837	94,122	94,369	2,830,275
3. COAL	3,020,445	3,685,075	3,256,074	3,403,776	1,350,093	1,599,289	41,102,981
4. NATURAL GAS	100,256,313	101,532,506	90,399,186	91,542,429	77,798,570	77,536,650	999,057,535
5. SOLAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	103,369,504	105,310,732	93,748,774	95,040,042	79,242,785	79,230,308	1,042,990,791
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	300	300	300	300	300	300	7,336
10. COAL	87,450	110,970	100,700	106,400	43,020	48,830	1,266,597
11. NATURAL GAS	1,534,710	1,560,240	1,432,620	1,509,220	1,286,410	1,359,590	17,047,483
12. SOLAR	192,700	186,290	160,840	160,100	124,880	126,020	1,751,392
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	1,815,160	1,857,800	1,694,460	1,776,020	1,454,610	1,534,740	20,072,808
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	20,684
17. COAL (TON)	42,120	52,940	48,800	51,520	21,350	24,410	611,561
18. NATURAL GAS (MCF)	11,392,065	11,579,965	10,910,775	11,693,765	9,774,415	9,465,265	126,142,120
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	120,715
23. COAL	947,800	1,191,200	1,097,990	1,159,130	480,390	549,200	13,776,770
24. NATURAL GAS	11,695,600	11,891,690	11,204,720	12,004,450	10,034,360	9,715,620	129,656,183
25. SOLAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	12,647,300	13,086,790	12,306,610	13,167,480	10,518,650	10,268,720	143,553,668
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00	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	0.04
30. COAL	4.81	5.97	5.94	5.99	2.95	3.18	6.30
31. NATURAL GAS	84.55	83.98	84.55	84.98	88.44	88.59	84.93
32. SOLAR	10.62	10.03	9.49	9.01	8.59	8.21	8.73
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)	139.47	140.08	140.62	141.11	141.54	141.91	136.83
37. COAL (\$/TON)	71.71	69.61	66.72	66.07	63.24	65.52	67.21
38. NATURAL GAS (\$/MCF)	8.80	8.77	8.29	7.83	7.96	8.19	7.92
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	23.88	23.98	24.06	24.13	24.20	23.45
43. COAL	3.19	3.09	2.97	2.94	2.81	2.91	2.98
44. NATURAL GAS	8.57	8.54	8.07	7.63	7.75	7.98	7.71
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)	8.17	8.05	7.62	7.22	7.53	7.72	7.27
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	16,455
50. COAL	10,838	10,734	10,904	10,894	11,167	11,247	10,877
51. NATURAL GAS	7,621	7,622	7,821	7,954	7,800	7,146	7,606
52. SOLAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	6,968	7,044	7,263	7,414	7,231	6,691	7,152
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	30.92	31.05	31.17	31.28	31.37	31.46	38.58
57. COAL	3.45	3.32	3.23	3.20	3.14	3.28	3.25
58. NATURAL GAS	6.53	6.51	6.31	6.07	6.05	5.70	5.86
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)	5.69	5.67	5.53	5.35	5.45	5.16	5.20

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 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	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	-	42.6	-	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 CANOPY SOLAR	(3) 0.0	68	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	5	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	(3) 74.3	5,718	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3) 74.3	564	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	(3) 24.9	1,917	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3) 52.3	789	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	879.7	79,857	16.5	-	31.0	-	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	(3) 350	(344)	0.0	98.9	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 6 CT	(3) 350	7,521	2.9	100.0	56.2	10,538	GAS	77,554	77,554	79,260.0	425,705	5.66	5.49
BIG BEND #1 CC TOTAL	700	7,177	1.4	99.4	26.8	11,044	GAS	77,554	0	79,260.0	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	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	355	103,754	39.3	78.9	61.6	-	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	-	-	-	1,230,616.6	6,609,652	6.37	-
B.B.#4 (COAL)	(4) 432	90,540	28.2	60.4	61.6	-	COAL	42,037	42,037	970,045.8	2,681,858	2.96	63.80
B.B.#4 (GAS)	420	29,687	9.5	60.4	42.8	-	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	56.9	10,759	-	-	-	1,293,480.2	4,419,027	3.68	-
B.B. IGNITION	-	-	-	-	-	-	GAS	9,660	0	0.0	53,028	-	5.49
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	1,548	231,298	0.0	0.0	30.6	11,271	-	-	-	2,607,064.1	11,527,324	4.98	-
POLK #1 GASIFIER	220	(1,823)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	180	(355)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
POLK #1 ST	50	(646)	0.0	0.0	0.0	-	-	-	-	-	-	-	-
POLK #1 TOTAL	230	(2,824)	0.0	0.0	0.0	0	-	-	-	0.0	0	0.00	-
POLK #2 ST DUCT FIRING	480	17,926	5.0	-	20.9	8,400	GAS	147,339	147,339	150,580.7	808,770	4.51	5.49
POLK #2 ST W/O DUCT FIRING	341	231,131	91.1	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	249,057	69.7	99.9	20.9	-	GAS	-	-	150,580.7	808,770	0.32	-
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	LGTOIL	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	-	-	-	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	LGTOIL	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	-	-	-	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	1,084,778.7	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 #2 CC TOTAL	1,200	660,832	0.0	0.0	0.0	6,964	GAS	-	-	4,601,835.5	24,772,318	3.75	-
POLK STATION TOTAL	1,430	658,008	61.9	83.8	61.9	6,994	-	-	-	4,601,835.5	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	666,380	666,380	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	1,734,985.4	9,318,620	3.99	5.49
BAYSIDE ST 2	315	134,422	57.4	96.2	57.4	-		-	-	-	-	-	-
BAYSIDE CT2A	183	68,338	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	67,142	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	388,587	49.9	96.2	7.474	7,474	GAS	2,841,608	2,841,608	2,904,123.1	15,598,067	4.01	5.49
BAYSIDE UNIT 3 TOTAL	61	314	0.7	100.0	85.6	11,019	GAS	3,388	3,388	3,462.6	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	3,898.1	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	4,655,152.4	25,002,859	4.01	5.49
SYSTEM	5,941	1,592,575	42.7	71.6	48.6	7,450	-	-	-	11,864,052.0	61,302,501	3.85	-

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

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)
TIA SOLAR	1.6	222	20.6	-	52.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	2,582	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 MINE SOLAR	37.4	4,745	19.0	-	42.4	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	6,579	20.1	-	45.9	-	SOLAR	-	-	-	-	-	-
WIMAUMA 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	-	-	-	-	-	-
ESA CANOPY SOLAR	(3) 0.0	80	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	(4)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	(3) 74.3	9,379	18.9	-	41.8	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3) 74.3	3	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	(3) 24.9	2,505	15.1	-	33.4	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3) 52.3	688	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 1.0	130	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 1.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	879.7	96,198	22.0	-	21.8	-	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	(3) 350	1,878	0.8	97.5	50.1	12,853	GAS	23,665	23,665	24,137.8	171,228	9.12	7.24
BIG BEND 6 CT	(3) 350	6,575	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	7,881,303	8.47	7.24
BIG BEND #3 TOTAL	355	93,045	39.0	72.0	49.2	11,941	-	-	-	1,111,019.1	7,881,303	8.47	-
B.B.#4 (COAL)	(4) 432	161,856	55.8	68.6	77.6	-	COAL	72,372	72,372	1,630,742.5	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	-	-	-	1,642,255.6	4,612,547	2.83	-
B.B. IGNITION	-	-	-	-	-	-	GAS	5,420	0	0.0	39,214	-	7.24
BIG BEND CT #4 TOTAL	61	11	0.0	77.5	14.7	87,909	GAS	948	0	967.0	6,860	62.36	7.24
BIG BEND STATION TOTAL	1,548	264,493	0.0	0.0	32.1	10,752	-	-	-	2,843,857.2	13,175,634	4.98	-
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	81.3	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	198,881	61.7	99.9	17.4	-	GAS	-	-	105,426.0	747,866	0.38	-
POLK #2 CT (GAS)	180	35,202	29.2	66.2	79.2	11,010	GAS	379,979	379,979	387,578.8	2,749,391	7.81	7.24
POLK #2 CT (OIL)	187	2,499	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	98,846	81.7	100.0	82.8	10,699	GAS	1,036,846	1,036,846	1,057,583.4	7,502,243	7.59	7.24
POLK #2 CC TOTAL	1,200	528,141	65.5	94.9	65.5	6,909	GAS	-	-	3,649,077.2	26,423,874	5.00	-
POLK STATION TOTAL	1,430	525,789	54.7	79.6	54.7	6,940	-	-	-	3,649,077.2	26,423,874	5.03	-

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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) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	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 ST 2	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	7,439.1	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	5,567.6	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 STATION 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	36.8	62.8	39.0	7,405	-	-	-	10,467,579.3	67,794,684	4.80	-

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

Footnotes:
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⁾ Test Energy

⁽⁴⁾ Consists of fixed costs and aerial survey adjustment

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) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	281	23.6	-	57.0	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	3,576	24.9	-	51.6	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	234	21.0	-	44.4	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	14,204	27.3	-	57.7	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	14,003	25.4	-	54.1	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	14,529	26.3	-	56.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.8	11,727	26.0	-	55.7	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	54.8	10,632	26.1	-	55.8	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	6,520	23.5	-	47.5	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	9,173	25.0	-	53.5	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.4	11,735	21.2	-	46.7	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	7,425	13.4	-	29.1	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	8,500	19.1	-	38.9	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3) 0.0	104	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	(7)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	(3) 74.3	15,145	27.4	-	56.5	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3) 0.0	532	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	(3) 24.9	4,508	24.4	-	50.6	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3) 0.0	2,158	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.0	93	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	751.1	135,072	24.2	-	48.0	-	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	(3) 350	75,022	28.9	100.0	76.4	8,786	GAS	646,226	646,226	659,150.0	3,876,462	5.17	6.00
BIG BEND 6 CT	(3) 350	63,774	24.5	100.0	73.7	8,952	GAS	559,699	559,699	570,892.6	3,357,420	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	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	0	0.0	78.9	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	355	0	0.0	78.9	0.0	0	-	-	-	0.0	0	0.00	-
B.B.#4 (COAL)	(4) 432	167,861	52.3	84.4	58.4	-	COAL	80,814	80,814	1,844,277.5	6,634,174	3.95	82.09
B.B.#4 (GAS)	420	4,613	1.5	84.4	15.3	-	GAS	50,337	50,337	51,344.0	301,954	6.55	6.00
BIG BEND #4 TOTAL	432	172,474	53.7	84.4	58.3	10,991	-	-	-	1,895,621.5	6,936,128	4.02	-
B.B. IGNITION	-	-	-	-	-	-	GAS	1,725	0	0.0	10,346	-	6.00
BIG BEND CT #4 TOTAL	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	311,583	0.0	0.0	29.4	10,051	-	-	-	3,131,607.5	14,215,309	4.56	-
POLK #1 GASIFIER	220	(1,771)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	180	17,918	13.4	77.9	58.5	11,909	GAS	209,194	209,194	213,377.9	1,254,876	5.28	6.00
POLK #1 ST	50	5,857	15.8	72.6	79.1	-	-	-	-	-	-	-	-
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	7,432	2.1	-	21.5	8,400	GAS	61,208	61,208	62,431.9	367,162	4.94	6.00
POLK #2 ST W/O DUCT FIRING	341	98,241	38.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	105,673	29.6	49.7	21.5	-	GAS	-	-	62,431.9	367,162	0.35	-
POLK #2 CT (GAS)	180	57,631	43.1	100.0	76.5	11,224	GAS	634,181	634,181	646,864.5	3,804,211	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	516,253.8	3,036,089	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	1,078,645	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	78.2	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 #2 CC TOTAL	1,200	302,616	33.9	74.4	60.2	7,520	GAS	-	-	2,275,706.5	14,216,443	4.70	-
POLK STATION TOTAL	1,430	324,620	30.5	74.8	54.2	7,668	-	-	-	2,489,084.4	15,471,319	4.77	-

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) ⁽¹⁾	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	682,531	696,181.7	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	806,262.3	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	81,966	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	5,519,265	6.63	6.00
BAYSIDE UNIT 2 TOTAL	1,047	489,027	62.8	96.0	62.9	7,366	GAS	3,531,516	3,531,516	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	56,456	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	5,812	1,552,364	35.9	57.4	44.5	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

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) ⁽¹⁾	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	-	49.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	10,032	28.2	-	58.0	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.4	13,563	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 CANOPY SOLAR	(3) 0.0	98	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	(5)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	(3) 74.3	15,288	28.6	-	58.5	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3) 0.0	3,338	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	(3) 24.9	5,508	30.7	-	59.1	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3) 0.0	7,192	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	751.1	149,573	27.7	-	49.5	-	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	(3) 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	(3) 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	69.0	9,498	GAS	795,874	0	811,791.3	5,118,300	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.#3 (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	-	-	-	0.0	0	0.00	-
B.B.#4 (COAL)	(4) 422	74,026	24.4	37.9	65.0	-	COAL	31,741	34,809	697,739.2	2,063,664	2.79	65.02
B.B.#4 (GAS)	410	2,799	0.9	37.9	10.8	-	GAS	28,738	28,738	29,312.9	184,816	6.60	6.43
BIG BEND #4 TOTAL	422	76,825	25.3	37.9	62.7	10,342	-	-	-	727,052.1	2,248,480	2.93	-
B.B. IGNITION	-	-	-	-	-	-	GAS	2,988	0	0.0	19,214	-	6.43
BIG BEND CT #4 TOTAL	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 STATION TOTAL	1,483	162,545	15.2	73.7	37.8	9,924	-	-	-	1,545,713.4	7,429,309	4.57	-
POLK #1 GASIFIER	220	(1,221)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	152	68,401	62.5	92.8	67.6	12,155	GAS	815,085	815,085	831,386.6	5,241,847	5.54	6.43
POLK #1 ST	50	26,161	72.7	91.6	79.8	-	-	-	-	-	-	-	-
POLK #1 TOTAL	202	93,341	64.2	92.5	70.3	8,907	-	-	-	831,386.6	5,241,847	5.62	-
POLK #2 ST DUCT FIRING	461	21,310	6.4	-	22.4	8,400	GAS	175,496	175,496	179,005.5	1,128,620	5.30	6.43
POLK #2 ST W/O DUCT FIRING	341	217,761	88.7	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	239,071	72.0	100.0	22.4	-	GAS	-	-	179,005.5	1,128,620	0.47	-
POLK #2 CT (GAS)	150	99,415	92.1	100.0	95.7	11,035	GAS	1,075,582	1,075,582	1,097,094.1	6,917,119	6.96	6.43
POLK #2 CT (OIL)	159	22	0.0	100.0	29.2	18,630	LGT.OIL	72	72	418.7	9,816	44.62	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	1,068,246	1,068,246	1,089,611.3	6,869,940	6.99	6.43
POLK #3 CT (OIL)	159	886	0.8	97.4	95.8	11,223	LGT.OIL	1,706	1,706	9,944.7	233,122	26.31	136.66
POLK #3 TOTAL	150	99,198	91.9	97.4	96.3	11,084	-	-	-	1,099,555.9	7,103,062	7.16	-
POLK #4 TOTAL	150	93,199	86.3	90.8	97.6	10,907	GAS	996,572	996,572	1,016,503.0	6,408,996	6.88	6.43
POLK #5 TOTAL	150	80,892	74.9	84.2	97.9	10,881	GAS	862,894	862,894	880,151.6	5,549,308	6.86	6.43
POLK #2 CC TOTAL	1,061	611,797	80.1	96.1	80.1	6,984	GAS	-	-	4,272,728.8	27,116,921	4.43	-
POLK STATION TOTAL	1,263	705,138	77.5	95.5	77.5	7,238	-	-	-	5,104,115.4	32,358,768	4.59	-

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) ⁽¹⁾	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	809,622.3	5,104,625	7.31	6.43
BAYSIDE CT1B	156	68,087	60.6	87.1	79.8	11,643	GAS	777,206	777,206	792,750.0	4,998,246	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	3,629,092	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	3,878,640	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	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 4 TOTAL	56	311	0.8	78.2	88.5	11,392	GAS	3,472	3,472	3,541.0	22,326	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	11,559	GAS	6,084	6,084	6,206.0	39,128	7.29	6.43
BAYSIDE STATION TOTAL	1,854	653,546	49.0	86.7	49.0	7,475	GAS	4,789,199	4,789,199	4,884,982.5	30,799,549	4.71	6.43
SYSTEM	5,351	1,670,801	43.4	84.9	56.2	6,944	-	-	-	11,534,811.3	70,587,628	4.22	-

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

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) ⁽¹⁾	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	29.0	-	51.9	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	277	24.8	-	48.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	15,355	29.4	-	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	26.8	-	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 CANOPY SOLAR	(3) 0.0	125	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	(8)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	14,711	26.6	-	47.7	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3) 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	(3) 0.0	11,481	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.0	52	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 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	(3) 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	(3) 330	33,422	13.6	63.7	67.2	9,538	GAS	305,930	305,930	318,779.3	2,751,040	8.23	8.99
BIG BEND #1 CC TOTAL	660	59,893	12.2	59.3	60.3	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.#3 (GAS)	345	36,091	14.1	80.8	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	80.8	35.6	12,409	-	-	-	447,868.5	3,865,070	10.71	-
B.B.#4 (COAL)	(4) 422	139,156	44.3	91.1	46.8	-	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	237,584.5	2,050,335	9.34	8.99
BIG BEND #4 TOTAL	422	161,117	51.3	91.1	52.0	10,683	-	-	-	1,788,725.4	6,592,588	4.09	-
B.B. IGNITION	-	-	-	-	-	-	GAS	14,434	0	0.0	129,800	-	8.99
BIG BEND CT #4 TOTAL	56	(9)	0.0	98.9	0.0	0	GAS	982	0	1,023.2	8,830	(98.11)	8.99
BIG BEND STATION TOTAL	1,483	257,092	23.3	74.8	23.6	10,660	-	-	-	2,808,094.4	15,519,461	6.04	-
POLK #1 GASIFIER	220	(1,172)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	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 ST	50	28,868	77.6	96.5	79.5	-	-	-	-	-	-	-	-
POLK #1 TOTAL	202	100,897	67.1	96.6	69.5	8,792	-	-	-	887,121.0	7,655,783	7.59	-
POLK #2 ST DUCT FIRING	461	12,712	3.7	-	21.1	8,400	GAS	102,473	102,473	106,777.0	921,477	7.25	8.99
POLK #2 ST W/O DUCT FIRING	341	171,436	67.6	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	184,148	53.7	78.6	21.1	-	GAS	-	-	106,777.0	921,477	0.50	-
POLK #2 CT (GAS)	150	63,579	57.0	69.0	91.1	11,156	GAS	680,692	680,692	709,281.0	6,121,038	9.63	8.99
POLK #2 CT (OIL)	159	18	0.0	69.0	23.7	20,430	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	-	-	-	709,648.7	6,131,513	9.64	-
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	82.1	33.8	16,087	LGT.OIL	66	66	386.1	10,998	45.83	166.06
POLK #3 TOTAL	150	77,998	69.9	82.1	92.6	11,066	-	-	-	863,142.1	7,456,513	9.56	-
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 #2 CC TOTAL	1,061	482,932	61.2	83.4	77.9	7,022	GAS	-	-	3,391,296.8	29,281,587	6.06	-
POLK STATION TOTAL	1,263	583,829	62.1	85.5	64.3	7,328	-	-	-	4,278,417.8	36,937,370	6.33	-

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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) ⁽¹⁾	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	7,218,410	10.07	8.99
BAYSIDE CT1B	156	69,368	59.8	100.0	78.4	11,661	GAS	776,295	776,295	808,899.2	6,980,736	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	849,767.0	7,333,422	9.90	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	6,556.7	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	58.3	7,411	GAS	5,648,710	5,648,710	5,885,955.5	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	-

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 Coal adjustment details on schedule A5 page 2

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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	3,587	23.7	-	46.3	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	255	20.7	-	45.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	13,086	25.2	-	50.0	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	13,693	24.1	-	49.1	-	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 CANOPY SOLAR	(3) 0.0	116	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	(25)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	12,823	22.6	-	43.6	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3) 0.0	12,978	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	24.9	6,803	26.8	-	67.1	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3) 0.0	10,896	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 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	(3) 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	(3) 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	479,479	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.#3 (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)	(4) 422	144,802	47.7	87.2	49.9	-	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	499,285	11.53	10.45
BIG BEND #4 TOTAL	422	149,131	49.1	87.2	49.5	11,448	-	-	-	1,707,303.3	4,834,688	3.24	-
B.B. IGNITION	-	-	-	-	-	-	GAS	3,461	0	0.0	36,149	-	10.45
BIG BEND CT #4 TOTAL	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 STATION TOTAL	1,483	200,311	18.8	85.6	18.9	11,060	-	-	-	2,215,439.5	9,925,669	4.96	-
POLK #1 GASIFIER	220	(1,533)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	152	30,858	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 ST	50	12,177	33.8	63.7	75.0	-	-	-	-	-	-	-	-
POLK #1 TOTAL	202	41,502	28.5	64.6	62.9	9,390	-	-	-	389,706.5	3,876,717	9.34	-
POLK #2 ST DUCT FIRING	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 W/O DUCT FIRING	341	238,694	97.2	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	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	44.6	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	1,054,592	1,054,592	1,107,321.7	11,015,401	10.99	10.45
POLK #3 CT (OIL)	159	33	0.0	100.0	26.8	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	11,068,138	10.80	10.45
POLK #2 CC TOTAL	1,061	667,333	87.4	100.0	87.4	6,952	GAS	-	-	4,639,190.5	46,173,630	6.92	-
POLK STATION TOTAL	1,263	708,835	78.0	94.3	78.0	7,095	-	-	-	5,028,896.9	50,050,347	7.06	-

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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) ⁽¹⁾	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	8,913,923	11.56	10.45
BAYSIDE CT1B	156	79,637	70.9	100.0	78.4	11,600	GAS	879,798	879,798	923,788.2	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	165,580	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	947,839.9	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	3,407,596.0	33,898,041	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	557	1.4	100.0	86.9	11,172	GAS	5,926	5,926	6,221.8	61,893	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	1,854	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	-

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

Footnotes:
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⁾ Test Energy

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

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JULY 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MWH)	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)
1. TIA SOLAR	74.3	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	290	2.0	-	2.0	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,270	409.9	-	409.9	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	16,270	31.2	-	31.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	16,880	30.6	-	30.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	17,240	31.2	-	31.2	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	13,590	30.0	-	30.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	12,410	30.2	-	30.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,460	30.4	-	30.4	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	10,760	29.3	-	29.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	16,330	29.4	-	29.4	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	17,300	31.3	-	31.3	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	14,280	32.1	-	32.1	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	5,940	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	10,290	18.6	-	18.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	14,050	34.7	-	34.7	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	14,050	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL	⁽³⁾ 1087.5	192,700	23.8	-	23.8	-	SOLAR	-	-	-	-	-	-
23. BIG BEND #1 TOTAL	335	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. B.B.#3 (GAS)	345	27,480	10.7	-	-	-	GAS	318,650	1,027,993	327,570.0	2,804,292	10.20	8.80
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0.00	0.00	0.00
26. BIG BEND #3 TOTAL	345	27,480	10.7	83.3	14.4	11,920	-	-	-	327,570.0	2,804,292	10.20	-
27. B.B.#4 (GAS)	422	87,450	27.9	-	-	-	GAS	921,990	1,027,994	947,800.0	8,114,009	9.28	8.80
28. B.B.#4 (COAL)	410	87,450	28.7	-	-	-	COAL	42,120	22,502,374	947,800.0	3,020,445	3.45	71.71
29. BIG BEND #4 TOTAL	410	174,900	57.3	89.5	61.1	10,838	-	-	-	1,895,600.0	11,134,454	6.37	-
30. B.B. IGNITION	-	-	-	-	-	-	GAS	15,030	1,027,944	15,450.0	132,272	-	8.80
31. B.B.C.T.#4 TOTAL	56	10	0.0	98.3	17.9	31,000	GAS	300	1,033,333	310.0	2,640	26.40	8.80
32. B.B.C.T.#5 TOTAL	330	19,350	7.9	98.0	59.2	10,753	GAS	202,420	1,027,962	208,080.0	1,781,405	9.21	8.80
33. B.B.C.T.#6 TOTAL	330	5,110	2.1	98.0	61.9	10,706	GAS	53,220	1,027,997	54,710.0	468,365	9.17	8.80
34. BIG BEND STATION TOTAL	1,806	226,850	16.9	75.1	43.8	10,960	-	-	-	2,486,270.0	16,323,428	7.20	-
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	41,410	25.3	-	75.6	8,917	GAS	359,190	1,028,007	369,250.0	3,161,066	7.63	8.80
37. POLK #1 TOTAL	245	41,410	22.7	93.7	75.6	8,917	-	-	-	369,250.0	3,161,066	7.63	-
38. POLK #2 ST DUCT FIRING	120	2,420	2.7	-	36.0	8,277	GAS	19,490	1,027,707	20,030.0	171,523	7.09	8.80
39. POLK #2 ST W/O DUCT FIRING	360	551,050	-	-	-	-	-	3,704,465	1,028,005	3,808,210.0	32,601,289	5.92	8.80
40. POLK #2 ST TOTAL	480	553,470	155.0	-	146.0	6,917	GAS	-	-	3,828,240.0	32,772,812	5.92	-
41. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,443	30.96	139.47
43. POLK #2 TOTAL	⁽⁴⁾ 150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,442	30.96	-
44. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,303	30.87	139.47
46. POLK #3 TOTAL	⁽⁴⁾ 150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,303	30.87	-
47. POLK #4 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
48. POLK #5 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
49. POLK #2 CC TOTAL	1,080	553,770	68.9	97.3	145.8	6,920	-	-	-	3,832,140.0	32,865,557	5.93	-
50. POLK STATION TOTAL	1,325	595,180	60.4	96.6	129.0	7,059	-	-	-	4,201,390.0	36,026,623	6.05	-
51. BAYSIDE #1	720	393,700	73.5	96.6	75.9	7,347	GAS	2,813,830	1,027,997	2,892,610.0	24,763,221	6.29	8.80
52. BAYSIDE #2	954	406,350	57.3	97.3	58.9	7,533	GAS	2,977,850	1,028,000	3,061,230.0	26,206,685	6.45	8.80
53. BAYSIDE #3	56	110	0.3	98.6	49.1	15,364	GAS	1,640	1,030,488	1,690.0	14,433	13.12	8.80
54. BAYSIDE #4	56	30	0.1	98.6	26.8	21,333	GAS	630	1,015,873	640.0	5,544	18.48	8.80
55. BAYSIDE #5	56	120	0.3	98.6	53.6	14,083	GAS	1,640	1,030,488	1,690.0	14,433	12.03	8.80
56. BAYSIDE #6	56	120	0.3	98.6	53.6	14,833	GAS	1,720	1,034,884	1,780.0	15,137	12.61	8.80
57. BAYSIDE STATION TOTAL	1,898	800,430	56.7	97.2	66.2	7,446	GAS	5,797,310	1,028,001	5,959,640.0	51,019,453	6.37	8.80
58. SYSTEM TOTAL	6,117	1,815,160	39.9	73.3	88.2	6,968	-	-	-	12,647,300.0	103,369,504	5.69	-

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

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: AUGUST 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MWH)	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)
1. TIA SOLAR	74.3	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	270	1.8	-	1.8	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,180	401.3	-	401.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	15,700	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	16,280	29.5	-	29.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	16,650	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	13,120	29.0	-	29.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	11,990	29.2	-	29.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,320	29.9	-	29.9	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	10,390	28.3	-	28.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	15,830	28.5	-	28.5	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	16,730	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	13,780	31.0	-	31.0	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	5,730	24.5	-	24.5	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	9,930	18.0	-	18.0	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	13,550	33.5	-	33.5	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	13,550	24.5	-	24.5	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL	⁽³⁾ 1087.5	186,290	23.0	-	23.0	-	SOLAR	-	-	-	-	-	-
23. BIG BEND #1 TOTAL	335	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. B.B.#3 (GAS)	345	18,260	7.1	-	-	-	GAS	211,750	1,027,957	217,670.0	1,856,613	10.17	8.77
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0	0	0.00	0.00
26. BIG BEND #3 TOTAL	345	18,260	7.1	83.3	7.9	11,921	-	-	-	217,670.0	1,856,613	10.17	-
27. B.B.#4 (GAS)	422	110,970	35.3	-	-	-	GAS	1,158,760	1,027,995	1,191,200.0	10,159,945	9.16	8.77
28. B.B.#4 (COAL)	410	110,970	36.4	-	-	-	COAL	52,940	22,500,944	1,191,200.0	3,685,075	3.32	69.61
29. BIG BEND #4 TOTAL	410	221,940	72.8	89.5	70.6	10,734	-	-	-	2,382,400.0	13,845,020	6.24	-
30. B.B. IGNITION	-	-	-	-	-	-	GAS	12,110	1,028,076	12,450.0	106,180	-	8.77
31. B.B.C.T.#4 TOTAL	56	460	1.1	98.3	63.2	12,978	GAS	5,800	1,029,310	5,970.0	50,854	11.06	8.77
32. B.B.C.T.#5 TOTAL	330	15,290	6.2	75.9	73.5	9,939	GAS	147,830	1,028,005	151,970.0	1,296,165	8.48	8.77
33. B.B.C.T.#6 TOTAL	330	12,130	4.9	75.9	76.6	9,841	GAS	116,120	1,027,988	119,370.0	1,018,134	8.39	8.77
34. BIG BEND STATION TOTAL	1,806	268,080	20.0	67.0	46.0	10,733	-	-	-	2,877,380.0	18,172,966	6.78	-
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	29,960	18.3	-	76.9	8,873	GAS	258,600	1,027,958	265,830.0	2,267,391	7.57	8.77
37. POLK #1 TOTAL	245	29,960	18.4	93.7	76.9	8,873	-	-	-	265,830.0	2,267,391	7.57	-
38. POLK #2 ST DUCT FIRING	120	3,660	4.1	-	47.7	8,279	GAS	29,480	1,027,815	30,300.0	258,479	7.06	8.77
39. POLK #2 ST W/O DUCT FIRING	360	553,150	-	-	-	-	-	3,719,255	1,028,002	3,823,400.0	32,610,226	5.90	8.77
40. POLK #2 ST TOTAL	480	556,810	155.9	-	145.4	6,921	GAS	-	-	3,853,700.0	32,868,705	5.90	-
41. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,646	31.10	140.08
43. POLK #2 TOTAL	⁽⁴⁾ 150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,646	31.10	-
44. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,505	31.00	140.08
46. POLK #3 TOTAL	⁽⁴⁾ 150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,505	31.00	-
47. POLK #4 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
48. POLK #5 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
49. POLK #2 CC TOTAL	1,080	557,110	69.3	97.3	145.2	6,924	-	-	-	3,857,600.0	32,961,856	5.92	-
50. POLK STATION TOTAL	1,325	587,070	59.6	96.6	132.9	7,024	-	-	-	4,123,430.0	35,229,247	6.00	-
51. BAYSIDE #1	720	399,010	74.5	96.6	77.0	7,341	GAS	2,849,300	1,028,000	2,929,080.0	24,982,508	6.26	8.77
52. BAYSIDE #2	954	413,800	58.3	97.3	60.0	7,523	GAS	3,028,140	1,028,001	3,112,930.0	26,550,569	6.42	8.77
53. BAYSIDE #3	56	830	2.0	98.6	78.0	12,361	GAS	10,000	1,026,000	10,260.0	87,679	10.56	8.77
54. BAYSIDE #4	56	710	1.7	98.6	74.6	12,535	GAS	8,670	1,026,528	8,900.0	76,018	10.71	8.77
55. BAYSIDE #5	56	1,130	2.7	98.6	72.1	12,434	GAS	13,680	1,027,047	14,050.0	119,945	10.61	8.77
56. BAYSIDE #6	56	880	2.1	98.6	78.6	12,227	GAS	10,470	1,027,698	10,760.0	91,800	10.43	8.77
57. BAYSIDE STATION TOTAL	1,898	816,360	57.8	97.2	67.3	7,455	GAS	5,920,260	1,027,992	6,085,980.0	51,908,519	6.36	8.77
58. SYSTEM TOTAL	6,117	1,857,800	40.8	70.9	88.0	7,044	-	-	-	13,086,790.0	105,310,732	5.67	-

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

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: 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 (%)	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)
1. TIA SOLAR	1.6	260	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	230	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,470	333.1	-	333.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,650	26.2	-	26.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	14,140	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	14,340	25.9	-	25.9	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	11,390	25.1	-	25.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	10,420	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	6,720	24.2	-	24.2	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	9,030	24.6	-	24.6	-	SOLAR	-	-	-	-	-	-
11. WIMAUJIA SOLAR	74.7	13,680	24.6	-	24.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	14,370	26.0	-	26.0	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	11,990	26.9	-	26.9	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,980	21.3	-	21.3	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,630	15.6	-	15.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	11,770	29.1	-	29.1	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	11,770	21.3	-	21.3	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL	⁽³⁾ 1087.5	160,840	19.9	-	19.9	-	SOLAR	-	-	-	-	-	-
23. BIG BEND #1 TOTAL	335	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. B.B.#3 (GAS)	345	22,190	8.6	-	-	-	GAS	257,910	1,028,033	265,140.0	2,136,865	9.63	8.29
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
26. BIG BEND #3 TOTAL	345	22,190	8.6	83.3	9.9	11,949	-	-	-	265,140.0	2,136,865	9.63	-
27. B.B.#4 (GAS)	422	100,690	32.1	-	-	-	GAS	1,068,090	1,028,003	1,098,000.0	8,849,461	8.79	8.29
28. B.B.#4 (COAL)	410	100,700	33.0	-	-	-	COAL	48,800	22,499,795	1,097,990.0	3,256,074	3.23	66.72
29. BIG BEND #4 TOTAL	410	201,390	66.0	89.5	63.7	10,904	-	-	-	2,195,990.0	12,105,535	6.01	-
30. B.B. IGNITION	-	-	-	-	-	-	GAS	11,270	1,028,394	11,590.0	93,375	-	8.29
31. B.B.C.T.#4 TOTAL	56	280	0.7	98.3	62.5	12,964	GAS	3,520	1,031,250	3,630.0	29,164	10.42	8.29
32. B.B.C.T.#5 TOTAL	330	76,170	31.0	98.0	68.9	9,987	GAS	739,990	1,028,000	760,710.0	6,131,049	8.05	8.29
33. B.B.C.T.#6 TOTAL	330	28,280	11.5	98.0	73.2	10,023	GAS	275,740	1,027,997	283,460.0	2,284,592	8.08	8.29
34. BIG BEND STATION TOTAL	1,806	328,310	24.4	75.1	47.5	10,688	-	-	-	3,508,930.0	22,780,580	6.94	-
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	76,960	47.0	-	76.2	8,814	GAS	659,870	1,028,021	678,360.0	5,467,229	7.10	8.29
37. POLK #1 TOTAL	245	76,960	42.2	93.7	76.2	8,814	-	-	-	678,360.0	5,467,229	7.10	-
38. POLK #2 ST DUCT FIRING	120	4,900	5.5	-	41.2	8,290	GAS	39,460	1,028,130	40,570.0	326,938	6.67	8.29
39. POLK #2 ST W/O DUCT FIRING	360	558,310	-	-	-	-	-	3,753,375	1,028,003	3,858,480.0	31,097,887	5.57	8.29
40. POLK #2 ST TOTAL	480	563,210	157.7	-	145.0	6,923	GAS	-	-	3,899,050.0	31,424,825	5.58	-
41. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0	1	0.00	0.00
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,855,856	1,950.0	46,827	31.22	140.62
43. POLK #2 TOTAL	⁽⁴⁾ 150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,828	31.22	-
44. POLK #3 CT (GAS)	150	560	0.5	-	93.3	10,929	GAS	5,960	1,026,846	6,120.0	49,380	8.82	8.29
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,687	31.12	140.62
46. POLK #3 TOTAL	⁽⁴⁾ 150	710	0.6	-	93.5	11,366	-	-	-	8,070.0	96,067	13.53	-
47. POLK #4 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
48. POLK #5 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
49. POLK #2 CC TOTAL	1,080	564,070	70.2	97.3	144.7	6,930	-	-	-	3,909,070.0	31,567,720	5.60	-
50. POLK STATION TOTAL	1,325	641,030	65.0	96.6	120.0	7,156	-	-	-	4,587,430.0	37,034,949	5.78	-
51. BAYSIDE #1	720	114,230	21.3	29.0	75.9	7,350	GAS	816,700	1,027,991	839,560.0	6,766,615	5.92	8.29
52. BAYSIDE #2	954	447,560	63.1	97.3	67.0	7,460	GAS	3,247,970	1,027,996	3,338,900.0	26,910,448	6.01	8.29
53. BAYSIDE #3	56	560	1.3	98.6	76.9	12,304	GAS	6,700	1,028,358	6,890.0	55,512	9.91	8.29
54. BAYSIDE #4	56	370	0.9	98.6	73.4	12,514	GAS	4,490	1,031,180	4,630.0	37,201	10.05	8.29
55. BAYSIDE #5	56	850	2.0	98.6	69.0	12,824	GAS	10,610	1,027,333	10,900.0	87,907	10.34	8.29
56. BAYSIDE #6	56	710	1.7	98.6	63.4	13,197	GAS	9,120	1,027,412	9,370.0	75,562	10.64	8.29
57. BAYSIDE STATION TOTAL	1,898	564,280	40.0	71.5	68.7	7,461	GAS	4,095,590	1,027,996	4,210,250.0	33,933,245	6.01	8.29
58. SYSTEM TOTAL	6,117	1,694,460	37.2	65.3	89.5	7,263	-	-	-	12,306,610.0	93,748,774	5.53	-

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

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: 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 (%)	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)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	220	1.5	-	1.5	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,590	344.7	-	344.7	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,490	25.9	-	25.9	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	13,990	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	13,980	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	11,250	24.8	-	24.8	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	10,300	25.1	-	25.1	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	7,100	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	8,930	24.3	-	24.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUJIA SOLAR	74.7	14,210	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	14,040	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	11,850	26.6	-	26.6	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,940	21.1	-	21.1	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,560	15.5	-	15.5	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	11,680	28.9	-	28.9	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	11,680	21.1	-	21.1	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL	⁽³⁾ 1087.5	160,100	19.8	-	19.8	-	SOLAR	-	-	-	-	-	-
23. BIG BEND #1 TOTAL	335	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. B.B.#3 (GAS)	345	45,890	17.9	-	-	-	GAS	528,170	1,028,002	542,960.0	4,134,679	9.01	7.83
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0	0	0.00	0.00
26. BIG BEND #3 TOTAL	345	45,890	17.9	83.3	19.5	11,832	-	-	-	542,960.0	4,134,679	9.01	-
27. B.B.#4 (GAS)	422	106,400	33.9	-	-	-	GAS	1,127,560	1,027,999	1,159,130.0	8,826,890	8.30	7.83
28. B.B.#4 (COAL)	410	106,400	34.9	-	-	-	COAL	51,520	22,498,641	1,159,130.0	3,403,776	3.20	66.07
29. BIG BEND #4 TOTAL	410	212,800	69.8	89.5	56.5	10,894	-	-	-	2,318,260.0	12,230,666	5.75	-
30. B.B. IGNITION	-	-	-	-	-	-	GAS	16,280	1,028,256	16,740.0	127,445	-	7.83
31. B.B.C.T.#4 TOTAL	56	1,190	2.9	98.3	73.3	12,563	GAS	14,540	1,028,198	14,950.0	113,824	9.57	7.83
32. B.B.C.T.#5 TOTAL	330	113,220	46.1	98.0	75.6	9,753	GAS	1,074,180	1,028,003	1,104,260.0	8,409,015	7.43	7.83
33. B.B.C.T.#6 TOTAL	330	64,250	26.2	98.0	81.8	9,689	GAS	605,590	1,027,989	622,540.0	4,740,747	7.38	7.83
34. BIG BEND STATION TOTAL	1,806	437,350	32.5	75.1	52.0	10,525	-	-	-	4,602,970.0	29,756,376	6.80	-
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	43,070	26.3	-	79.9	8,869	GAS	371,570	1,028,016	381,980.0	2,908,766	6.75	7.83
37. POLK #1 TOTAL	245	43,070	23.6	51.4	79.9	8,869	-	-	-	381,980.0	2,908,766	6.75	-
38. POLK #2 ST DUCT FIRING	120	12,090	13.5	-	47.7	8,271	GAS	97,270	1,028,066	100,000.0	761,460	6.30	7.83
39. POLK #2 ST W/O DUCT FIRING	360	597,310	-	-	-	-	-	4,015,005	1,028,004	4,127,440.0	31,430,708	5.26	7.83
40. POLK #2 ST TOTAL	480	609,400	170.6	-	134.5	6,937	GAS	-	-	4,227,440.0	32,192,168	5.28	-
41. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,989	31.33	141.11
43. POLK #2 TOTAL	⁽⁴⁾ 150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,988	31.33	-
44. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,848	31.23	141.11
46. POLK #3 TOTAL	⁽⁴⁾ 150	150	0.1	-	94.3	13,000	-	-	-	1,950.0	46,848	31.23	-
47. POLK #4 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
48. POLK #5 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
49. POLK #2 CC TOTAL	1,080	609,700	75.9	97.3	134.4	6,940	-	-	-	4,231,340.0	32,286,004	5.30	-
50. POLK STATION TOTAL	1,325	652,770	66.2	88.8	123.2	7,067	-	-	-	4,613,320.0	35,194,770	5.39	-
51. BAYSIDE #1	720	0	0.0	0.0	0.0	0	GAS	0	0	0	0	0.00	0.00
52. BAYSIDE #2	954	514,270	72.5	97.3	74.6	7,409	GAS	3,706,580	1,027,996	3,810,350.0	29,016,261	5.64	7.83
53. BAYSIDE #3	56	2,750	6.6	98.6	80.5	12,131	GAS	32,450	1,028,043	33,360.0	254,029	9.24	7.83
54. BAYSIDE #4	56	2,250	5.4	98.6	80.4	12,204	GAS	26,720	1,027,695	27,460.0	209,172	9.30	7.83
55. BAYSIDE #5	56	3,410	8.2	98.6	75.2	12,293	GAS	40,790	1,027,703	41,920.0	319,317	9.36	7.83
56. BAYSIDE #6	56	3,120	7.5	98.6	77.4	12,212	GAS	37,060	1,028,063	38,100.0	290,117	9.30	7.83
57. BAYSIDE STATION TOTAL	1,898	525,800	37.2	60.5	74.6	7,515	GAS	3,843,600	1,027,992	3,951,190.0	30,088,896	5.72	7.83
58. SYSTEM TOTAL	6,117	1,776,020	39.0	60.2	93.7	7,414	-	-	-	13,167,480.0	95,040,042	5.35	-

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

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: 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 (%)	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)
1. TIA SOLAR	1.6	270	22.7	-	22.7	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	180	1.2	-	1.2	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,960	284.2	-	284.2	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	10,090	19.3	-	19.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	10,450	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	11,980	21.7	-	21.7	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	8,390	18.5	-	18.5	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	7,680	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	6,010	21.6	-	21.6	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	6,670	18.2	-	18.2	-	SOLAR	-	-	-	-	-	-
11. WIMAUJIA SOLAR	74.7	11,740	21.1	-	21.1	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	12,030	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	8,860	19.9	-	19.9	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	3,690	15.8	-	15.8	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	6,400	11.6	-	11.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	8,740	21.6	-	21.6	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	8,740	15.8	-	15.8	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL	⁽³⁾ 1087.5	124,880	15.4	-	15.4	-	SOLAR	-	-	-	-	-	-
23. BIG BEND #1 TOTAL	335	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
24. B.B.#3 (GAS)	345	27,890	10.9	-	-	-	GAS	321,560	1,027,989	330,560.0	2,559,428	9.18	7.96
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0	0	0.00	0.00
26. BIG BEND #3 TOTAL	345	27,890	10.9	83.3	26.2	11,852	-	-	-	330,560.0	2,559,428	9.18	-
27. B.B.#4 (GAS)	422	43,020	13.7	-	-	-	GAS	467,310	1,027,990	480,390.0	3,719,511	8.65	7.96
28. B.B.#4 (COAL)	410	43,020	14.1	-	-	-	COAL	21,350	22,500,703	480,390.0	1,350,093	3.14	63.24
29. BIG BEND #4 TOTAL	410	86,040	28.2	47.7	46.3	11,167	-	-	-	960,780.0	5,069,604	5.89	-
30. B.B. IGNITION	-	-	-	-	-	-	GAS	13,360	1,027,695	13,730.0	106,338	-	7.96
31. B.B.C.T.#4 TOTAL	56	1,180	2.8	98.3	68.0	12,754	GAS	14,630	1,028,708	15,050.0	116,446	9.87	7.96
32. B.B.C.T.#5 TOTAL	330	97,960	39.9	98.0	72.8	9,837	GAS	937,410	1,028,003	963,660.0	7,461,230	7.62	7.96
33. B.B.C.T.#6 TOTAL	330	54,700	22.3	98.0	77.1	9,794	GAS	521,140	1,028,016	535,740.0	4,147,967	7.58	7.96
34. BIG BEND STATION TOTAL	1,806	267,770	19.9	65.6	53.6	10,478	-	-	-	2,805,790.0	19,461,013	7.27	-
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	25,350	15.5	-	77.9	8,895	GAS	219,320	1,028,087	225,480.0	1,745,658	6.89	7.96
37. POLK #1 TOTAL	245	25,350	13.9	93.7	77.9	8,895	-	-	-	225,480.0	1,745,658	6.89	-
38. POLK #2 ST DUCT FIRING	120	5,680	6.4	-	52.0	8,278	GAS	45,740	1,027,984	47,020.0	364,063	6.41	7.96
39. POLK #2 ST W/O DUCT FIRING	360	526,610	-	-	-	-	-	3,539,435	1,028,003	3,638,550.0	28,171,812	5.35	7.96
40. POLK #2 ST TOTAL	480	532,290	149.1	-	138.4	6,924	GAS	-	-	3,685,570.0	28,535,875	5.36	-
41. POLK #2 CT (GAS)	150	550	0.5	-	91.7	11,073	GAS	5,920	1,028,716	6,090.0	47,119	8.57	7.96
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,132	31.42	141.54
43. POLK #2 TOTAL	⁽⁴⁾ 150	700	0.6	-	92.2	11,486	-	-	-	8,040.0	94,251	13.46	-
44. POLK #3 CT (GAS)	150	400	0.4	-	88.9	11,225	GAS	4,370	1,027,460	4,490.0	34,783	8.70	7.96
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,990	31.33	141.54
46. POLK #3 TOTAL	⁽⁴⁾ 150	550	0.5	-	90.3	11,709	-	-	-	6,440.0	81,773	14.87	-
47. POLK #4 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
48. POLK #5 CT (GAS) TOTAL	⁽⁴⁾ 150	0	0.0	-	0.0	0	GAS	0	0	0	0	0.00	0.00
49. POLK #2 CC TOTAL	1,080	533,540	66.4	97.3	137.9	6,935	-	-	-	3,700,050.0	28,711,899	5.38	-
50. POLK STATION TOTAL	1,325	558,890	56.7	96.6	128.6	7,024	-	-	-	3,925,530.0	30,457,557	5.45	-
51. BAYSIDE #1	720	92,600	17.3	25.8	69.1	7,401	GAS	666,680	1,027,989	685,340.0	5,306,379	5.73	7.96
52. BAYSIDE #2	954	406,820	57.3	98.6	60.9	7,513	GAS	2,973,100	1,027,998	3,056,340.0	23,664,120	5.82	7.96
53. BAYSIDE #3	56	890	2.1	98.6	79.5	12,326	GAS	10,680	1,027,154	10,970.0	85,006	9.55	7.96
54. BAYSIDE #4	56	660	1.6	98.6	73.7	12,606	GAS	8,110	1,025,894	8,320.0	64,551	9.78	7.96
55. BAYSIDE #5	56	1,000	2.4	98.6	74.4	12,650	GAS	12,300	1,028,455	12,650.0	97,901	9.79	7.96
56. BAYSIDE #6	56	1,100	2.6	98.6	75.5	12,464	GAS	13,350	1,026,966	13,710.0	106,258	9.66	7.96
57. BAYSIDE STATION TOTAL	1,898	503,070	35.6	70.9	62.4	7,528	GAS	3,684,220	1,027,987	3,787,330.0	29,324,215	5.83	7.96
58. SYSTEM TOTAL	6,117	1,454,610	32.0	62.3	90.3	7,231	-	-	-	10,518,650.0	79,242,785	5.45	-

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

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: 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 (%)	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)
1. TIA SOLAR	1.6	260	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	160	1.1	-	1.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,680	257.3	-	257.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	8,470	16.2	-	16.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	8,770	15.9	-	15.9	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	10,360	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	7,030	15.5	-	15.5	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	6,450	15.7	-	15.7	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	5,030	18.1	-	18.1	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	5,600	15.3	-	15.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUJIA SOLAR	74.7	10,430	18.8	-	18.8	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	10,410	18.8	-	18.8	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	7,440	16.7	-	16.7	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	3,100	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	5,380	9.7	-	9.7	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	7,330	18.1	-	18.1	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	7,330	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	5,440	51.5	-	51.5	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	6,050	14.8	-	14.8	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	1,380	2.6	-	2.6	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	6,920	15.2	-	15.2	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL	⁽³⁾ 1087.5	126,020	15.6	-	15.6	-	SOLAR	-	-	-	-	-	-
23. BIG BEND #1 TOTAL	335	791,960	317.7	98.0	325.6	6,275	GAS	4,834,010	1,027,997	4,969,350.0	39,598,780	5.00	8.19
24. B.B.#3 (GAS)	355	27,740	10.5	-	-	-	GAS	317,400	1,028,009	326,290.0	2,600,047	9.37	8.19
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0.00	0.00	0.00
26. BIG BEND #3 TOTAL	355	27,740	10.5	83.3	21.1	11,762	-	-	-	326,290.0	2,600,047	9.37	-
27. B.B.#4 (GAS)	420	48,840	15.6	-	-	-	GAS	534,250	1,027,983	549,200.0	4,376,418	8.96	8.19
28. B.B.#4 (COAL)	432	48,830	15.2	-	-	-	COAL	24,410	22,498,976	549,200.0	1,599,289	3.28	65.52
29. BIG BEND #4 TOTAL	432	97,670	30.4	89.5	43.8	11,246	-	-	-	1,098,400.0	5,975,707	6.12	-
30. B.B. IGNITION	-	-	-	-	-	-	GAS	14,200	1,028,169	14,600.0	116,322	-	8.19
31. B.B.C.T.#4 TOTAL	61	350	0.8	98.3	71.7	12,200	GAS	4,160	1,026,442	4,270.0	34,077	9.74	8.19
32. B.B.C.T.#5 TOTAL	350	0	0.0	98.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
33. B.B.C.T.#6 TOTAL	350	0	0.0	98.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
34. BIG BEND STATION TOTAL	1,883	917,720	65.5	93.3	153.4	6,972	-	-	-	6,398,310.0	48,324,933	5.27	-
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	33,830	20.7	-	77.7	8,911	GAS	293,230	1,028,033	301,450.0	2,402,053	7.10	8.19
37. POLK #1 TOTAL	245	33,830	18.6	93.7	77.7	8,911	-	-	-	301,450.0	2,402,053	7.10	-
38. POLK #2 ST DUCT FIRING	120	210	0.2	-	58.3	8,000	GAS	1,630	1,030,675	1,680.0	13,352	6.36	8.19
39. POLK #2 ST W/O DUCT FIRING	360	136,300	-	-	-	-	-	942,565	1,028,014	968,970.0	7,721,214	5.66	8.19
40. POLK #2 ST TOTAL	480	136,510	38.2	-	84.4	7,110	GAS	-	-	970,650.0	7,734,566	5.67	-
41. POLK #2 CT (GAS)	180	9,740	7.3	-	70.3	11,436	GAS	108,370	1,027,867	111,390.0	887,736	9.11	8.19
42. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,856	1,950.0	47,255	31.50	141.91
43. POLK #2 TOTAL	⁽⁴⁾ 180	9,890	7.4	-	70.4	11,460	-	-	-	113,340.0	934,991	9.45	-
44. POLK #3 CT (GAS)	180	3,640	2.7	-	72.2	11,393	GAS	40,340	1,028,012	41,470.0	330,453	9.08	8.19
45. POLK #3 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,494	1,950.0	47,114	31.41	141.91
46. POLK #3 TOTAL	⁽⁴⁾ 180	3,790	2.8	-	72.5	11,456	-	-	-	43,420.0	377,567	9.96	-
47. POLK #4 CT (GAS) TOTAL	⁽⁴⁾ 180	4,230	3.2	-	75.8	11,135	GAS	45,820	1,027,935	47,100.0	375,344	8.87	8.19
48. POLK #5 CT (GAS) TOTAL	⁽⁴⁾ 180	3,860	2.9	-	82.5	10,876	GAS	40,840	1,027,914	41,980.0	334,549	8.67	8.19
49. POLK #2 CC TOTAL	1,200	158,280	17.7	53.4	80.9	7,686	-	-	-	1,216,490.0	9,757,017	6.16	-
50. POLK STATION TOTAL	1,445	192,110	17.9	60.2	80.0	7,901	-	-	-	1,517,940.0	12,159,070	6.33	-
51. BAYSIDE #1	792	216,030	36.7	96.6	37.9	7,592	GAS	1,595,400	1,027,993	1,640,060.0	13,069,045	6.05	8.19
52. BAYSIDE #2	1,047	80,810	10.4	52.1	19.4	8,518	GAS	669,580	1,027,968	688,320.0	5,485,001	6.79	8.19
53. BAYSIDE #3	61	460	1.0	98.6	75.4	11,783	GAS	5,280	1,026,515	5,420.0	43,252	9.40	8.19
54. BAYSIDE #4	61	400	0.9	98.6	72.9	11,850	GAS	4,610	1,028,200	4,740.0	37,764	9.44	8.19
55. BAYSIDE #5	61	660	1.5	98.6	77.3	11,621	GAS	7,480	1,025,401	7,670.0	61,274	9.28	8.19
56. BAYSIDE #6	61	530	1.2	98.6	72.4	11,811	GAS	6,100	1,026,230	6,260.0	49,969	9.43	8.19
57. BAYSIDE STATION TOTAL	2,083	298,890	19.3	74.5	30.2	7,871	GAS	2,288,450	1,027,975	2,352,470.0	18,746,305	6.27	8.19
58. SYSTEM TOTAL	6,499	1,534,740	31.7	64.3	86.0	6,691	-	-	-	10,268,720.0	79,230,308	5.16	-

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

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
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
 ESTIMATED FOR THE PERIOD: JULY 2022 THROUGH DECEMBER 2022

SCHEDULE E5

	Jul-22	Aug-22	Estimated Sep-22	Oct-22	Nov-22	Dec-22	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	16,933
16. UNIT COST (\$/BBL)	187.09	177.15	173.81	170.70	167.58	164.53	155.94
17. AMOUNT (\$)	124,417	117,806	115,583	113,514	111,440	109,410	2,640,607
18. BURNED:							
19. UNITS (BBL)	665	665	665	665	665	665	20,684
20. UNIT COST (\$/BBL)	139.47	140.08	140.62	141.11	141.54	141.91	136.83
21. AMOUNT (\$)	92,746	93,151	93,514	93,837	94,122	94,369	2,830,275
22. ENDING INVENTORY:							
23. UNITS (BBL)	40,483	40,483	40,483	40,483	40,483	40,483	40,483
24. UNIT COST (\$/BBL)	139.43	140.04	140.59	141.07	141.50	141.87	141.87
25. AMOUNT (\$)	5,644,636	5,669,290	5,691,360	5,711,037	5,728,356	5,743,397	5,743,397
26. DAYS SUPPLY: NORMAL	1,851	1,851	1,851	1,851	1,851	1,851	-
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	6	6	-
COAL							
28. PURCHASES:							
29. UNITS (TONS)	58,000	70,500	83,000	70,500	58,000	70,500	766,482
30. UNIT COST (\$/TON)	61.43	63.37	64.72	63.41	61.43	63.41	64.65
31. AMOUNT (\$)	3,562,748	4,467,345	5,371,941	4,470,390	3,562,748	4,470,390	49,553,052
32. BURNED:							
33. UNITS (TONS)	42,120	52,940	48,800	51,520	21,350	24,410	611,561
34. UNIT COST (\$/TON)	71.71	69.61	66.72	66.07	63.24	65.52	67.21
35. AMOUNT (\$)	3,020,445	3,685,075	3,256,074	3,403,776	1,350,093	1,599,289	41,102,981
36. ENDING INVENTORY:							
37. UNITS (TONS)	109,431	126,991	161,191	180,171	216,821	262,911	262,911
38. UNIT COST (\$/TON)	70.26	67.16	66.16	65.23	64.45	64.11	64.11
39. AMOUNT (\$)	7,689,055	8,528,293	10,664,410	11,752,403	13,973,917	16,855,147	16,855,147
40. DAYS SUPPLY:	70	76	121	170	291	376	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	11,393,286	11,579,965	10,910,775	11,693,765	9,774,415	9,465,265	126,127,196
43. UNIT COST (\$/MCF)	8.80	8.74	8.28	7.83	7.96	8.20	7.92
44. AMOUNT (\$)	100,265,962	101,184,107	90,387,186	91,546,030	77,841,530	77,587,850	999,458,643
45. BURNED:							
46. UNITS (MCF)	11,392,065	11,579,965	10,910,775	11,693,765	9,774,415	9,465,265	126,142,120
47. UNIT COST (\$/MCF)	8.80	8.77	8.29	7.83	7.96	8.19	7.92
48. AMOUNT (\$)	100,256,313	101,532,506	90,399,186	91,542,429	77,798,570	77,536,650	999,057,535
49. ENDING INVENTORY:							
50. UNITS (MCF)	389,106	389,106	389,106	389,106	389,106	389,106	389,106
51. UNIT COST (\$/MCF)	6.73	5.84	5.81	5.82	5.93	6.06	6.06
52. AMOUNT (\$)	2,620,400	2,272,001	2,260,000	2,263,600	2,306,560	2,357,760	2,357,760
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	TOTAL COST	GAINS ON MARKET BASED SALES	
			TOTAL MWH SOLD	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
ESTIMATED 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	MWH			CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST	GAINS ON MARKET BASED SALES	
			TOTAL MWH SOLD	FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST				
ESTIMATED											
Jul-22	SEMINOLE	JURISD.	SCH. - D	2,680.0	0.0	2,680.0	5.404	5.882	144,840.00	157,633.00	12,793.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			2,680.0	0.0	2,680.0	5.404	5.882	144,840.00	157,633.00	12,793.00
ESTIMATED											
Aug-22	SEMINOLE	JURISD.	SCH. - D	2,910.0	0.0	2,910.0	5.320	5.795	154,820.00	168,621.00	13,801.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			2,910.0	0.0	2,910.0	5.320	5.795	154,820.00	168,621.00	13,801.00
ESTIMATED											
Sep-22	SEMINOLE	JURISD.	SCH. - D	3,810.0	0.0	3,810.0	5.164	5.629	196,760.00	214,452.00	17,692.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			3,810.0	0.0	3,810.0	5.164	5.629	196,760.00	214,452.00	17,692.00
ESTIMATED											
Oct-22	SEMINOLE	JURISD.	SCH. - D	3,160.0	0.0	3,160.0	5.151	5.619	162,760.00	177,553.00	14,793.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			3,160.0	0.0	3,160.0	5.151	5.619	162,760.00	177,553.00	14,793.00
ESTIMATED											
Nov-22	SEMINOLE	JURISD.	SCH. - D	3,850.0	0.0	3,850.0	5.209	5.681	200,540.00	218,731.00	18,191.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			3,850.0	0.0	3,850.0	5.209	5.681	200,540.00	218,731.00	18,191.00
ESTIMATED											
Dec-22	SEMINOLE	JURISD.	SCH. - D	3,090.0	0.0	3,090.0	5.023	5.478	155,210.00	169,260.00	14,050.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			3,090.0	0.0	3,090.0	5.023	5.478	155,210.00	169,260.00	14,050.00
TOTAL											
Jan-22	SEMINOLE	JURISD.	SCH. - D	40,986.0	0.0	40,986.0	4.433	4.852	1,817,064.40	1,988,597.84	162,377.00
THRU	VARIOUS	JURISD.	SCH. - MA	212,765.0	0.0	212,765.0	5.504	8.445	11,710,521.73	17,967,579.80	5,783,112.49
Dec-22	TOTAL			253,751.0	0.0	253,751.0	5.331	7.864	13,527,586.13	19,956,177.64	5,945,489.49

TAMPA ELECTRIC COMPANY
 PURCHASED POWER
 (EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
 ACTUAL/ESTIMATED 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
ESTIMATED									
Jul-22									
	VARIOUS	SCH. - J	271,160.0	0.0	0.0	271,160.0	5.853	5.853	15,872,010.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		271,160.0	0.0	0.0	271,160.0	5.853	5.853	15,872,010.00
ESTIMATED									
Aug-22									
	VARIOUS	SCH. - J	271,160.0	0.0	0.0	271,160.0	5.864	5.864	15,900,560.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		271,160.0	0.0	0.0	271,160.0	5.864	5.864	15,900,560.00
ESTIMATED									
Sep-22									
	VARIOUS	SCH. - J	262,410.0	0.0	0.0	262,410.0	5.407	5.407	14,188,480.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		262,410.0	0.0	0.0	262,410.0	5.407	5.407	14,188,480.00
ESTIMATED									
Oct-22									
	VARIOUS	SCH. - J	65,100.0	0.0	0.0	65,100.0	5.444	5.444	3,544,040.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		65,100.0	0.0	0.0	65,100.0	5.444	5.444	3,544,040.00
ESTIMATED									
Nov-22									
	VARIOUS	SCH. - J	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	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
ESTIMATED									
Dec-22									
	VARIOUS	SCH. - J	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	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
TOTAL									
Jan-22									
	VARIOUS	SCH. - J	968,831.0	0.0	0.0	968,831.0	5.747	5.747	55,676,335.80
	VARIOUS	OATT	2,580.0	0.0	0.0	2,580.0	3.491	3.491	90,055.85
	TOTAL		971,411.0	0.0	0.0	971,411.0	5.741	5.741	55,766,391.65

TAMPA ELECTRIC COMPANY
 ENERGY PAYMENT TO QUALIFYING FACILITIES
 ACTUAL/ESTIMATED 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	VARIOUS	CO-GEN.							
Jan-22		NET METERING	8.1	0.0	0.0	8.1	1.814	1.814	146.24
		AS AVAIL.	3,796.0	0.0	0.0	3,796.0	2.763	2.763	104,894.96
	TOTAL		3,804.1	0.0	0.0	3,804.1	2.761	2.761	105,041.20
ACTUAL	VARIOUS	CO-GEN.							
Feb-22		NET METERING	4,174.5	0.0	0.0	4,174.5	2.884	2.884	120,377.41
		AS AVAIL.	5,369.0	0.0	0.0	5,369.0	3.294	3.294	176,875.51
	TOTAL		9,543.5	0.0	0.0	9,543.5	3.115	3.115	297,252.92
ACTUAL	VARIOUS	CO-GEN.							
Mar-22		NET METERING	31.6	0.0	0.0	31.6	2.879	2.879	908.75
		AS AVAIL.	4,332.0	0.0	0.0	4,332.0	3.195	3.195	138,418.45
	TOTAL		4,363.6	0.0	0.0	4,363.6	3.193	3.193	139,327.20
ACTUAL	VARIOUS	CO-GEN.							
Apr-22		NET METERING	34.7	0.0	0.0	34.7	2.879	2.879	999.78
		AS AVAIL.	2,551.0	0.0	0.0	2,551.0	3.939	3.939	100,495.78
	TOTAL		2,585.7	0.0	0.0	2,585.7	3.925	3.925	101,495.56
ACTUAL	VARIOUS	CO-GEN.							
May-22		NET METERING	69.0	0.0	0.0	69.0	2.879	2.879	1,987.75
		AS AVAIL.	10,849.0	0.0	0.0	10,849.0	4.808	4.808	521,634.48
	TOTAL		10,918.0	0.0	0.0	10,918.0	4.796	4.796	523,622.23
ACTUAL	VARIOUS	CO-GEN.							
Jun-22		NET METERING	73.1	0.0	0.0	73.1	2.879	2.879	2,104.11
		AS AVAIL.	2,455.0	0.0	0.0	2,455.0	5.412	5.412	132,865.04
	TOTAL		2,528.1	0.0	0.0	2,528.1	5.339	5.339	134,969.15
ESTIMATED	VARIOUS	CO-GEN.							
Jul-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,060.0	0.0	0.0	5,060.0	4.071	4.071	206,010.00
	TOTAL		5,060.0	0.0	0.0	5,060.0	4.071	4.071	206,010.00
ESTIMATED	VARIOUS	CO-GEN.							
Aug-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,170.0	0.0	0.0	5,170.0	4.342	4.342	224,490.00
	TOTAL		5,170.0	0.0	0.0	5,170.0	4.342	4.342	224,490.00
ESTIMATED	VARIOUS	CO-GEN.							
Sep-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,170.0	0.0	0.0	5,170.0	4.237	4.237	219,050.00
	TOTAL		5,170.0	0.0	0.0	5,170.0	4.237	4.237	219,050.00
ESTIMATED	VARIOUS	CO-GEN.							
Oct-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,060.0	0.0	0.0	5,060.0	4.036	4.036	204,220.00
	TOTAL		5,060.0	0.0	0.0	5,060.0	4.036	4.036	204,220.00
ESTIMATED	VARIOUS	CO-GEN.							
Nov-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	4,860.0	0.0	0.0	4,860.0	3.520	3.520	171,070.00
	TOTAL		4,860.0	0.0	0.0	4,860.0	3.520	3.520	171,070.00
ESTIMATED	VARIOUS	CO-GEN.							
Dec-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,220.0	0.0	0.0	5,220.0	3.051	3.051	159,280.00
	TOTAL		5,220.0	0.0	0.0	5,220.0	3.051	3.051	159,280.00
TOTAL	VARIOUS	CO-GEN.							
Jan-22		NET METERING	4,391.0	0.0	0.0	4,391.0	2.881	2.881	126,524.04
THRU		AS AVAIL.	59,892.0	0.0	0.0	59,892.0	3.939	3.939	2,359,304.22
Dec-22	TOTAL		64,283.0	0.0	0.0	64,283.0	3.867	3.867	2,485,828.26

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

SCHEDULE E9

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR INTERRUPTIBLE	(6) MWH FOR FIRM	(7) TRANSACTION COST cents/KWH	(8) TOTAL \$ FOR FUEL ADJUSTMENT	(9) COST IF GENERATED		(10) 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
ESTIMATED	VARIOUS	SCH. - J	0.0	0.0	0.0	0.000	2,720.00	0.000	623,860.00	621,140.00
Jul-22	TOTAL		0.0	0.0	0.0	0.000	2,720.00	0.000	623,860.00	621,140.00
ESTIMATED	VARIOUS	SCH. - J	730.0	0.0	730.0	16.389	119,640.00	202.525	1,478,430.00	1,358,790.00
Aug-22	TOTAL		730.0	0.0	730.0	16.389	119,640.00	202.525	1,478,430.00	1,358,790.00
ESTIMATED	VARIOUS	SCH. - J	390.0	0.0	390.0	15.190	59,240.00	334.608	1,304,970.00	1,245,730.00
Sep-22	TOTAL		390.0	0.0	390.0	15.190	59,240.00	334.608	1,304,970.00	1,245,730.00
ESTIMATED	VARIOUS	SCH. - J	7,700.0	0.0	7,700.0	11.489	884,660.00	65.394	5,035,350.00	4,150,690.00
Oct-22	TOTAL		7,700.0	0.0	7,700.0	11.489	884,660.00	65.394	5,035,350.00	4,150,690.00
ESTIMATED	VARIOUS	SCH. - J	2,960.0	0.0	2,960.0	8.496	251,470.00	111.449	3,298,890.00	3,047,420.00
Nov-22	TOTAL		2,960.0	0.0	2,960.0	8.496	251,470.00	111.449	3,298,890.00	3,047,420.00
ESTIMATED	VARIOUS	SCH. - J	1,010.0	0.0	1,010.0	10.460	105,650.00	91.269	921,820.00	816,170.00
Dec-22	TOTAL		1,010.0	0.0	1,010.0	10.460	105,650.00	91.269	921,820.00	816,170.00
TOTAL										
Jan-22										
THRU	VARIOUS	SCH. - J	511,877.0	0.0	511,877.0	5.991	30,667,827.14	8.618	44,114,517.32	13,446,690.18
Dec-22	TOTAL		511,877.0	0.0	511,877.0	5.991	30,667,827.14	8.618	44,114,517.32	13,446,690.18

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

DOCUMENT NO. 2

CAPACITY COST RECOVERY

ACTUAL / ESTIMATED

JANUARY 2022 THROUGH DECEMBER 2022

TAMPA ELECTRIC COMPANY
 CAPACITY COST RECOVERY
 CALCULATION OF THE CURRENT (ACTUAL/ESTIMATED) PERIOD TRUE-UP
 JANUARY 2022 THROUGH DECEMBER 2022

1. ESTIMATED OVER/(UNDER) RECOVERY January 2022 - December 2022 (6 months actual, 6 months estimated)	\$2,397,141
2. PROJECTED OVER/UNDER-RECOVERY TRUE-UP INCLUDED IN APRIL - DECEMBER 2022 RATES	(\$1,603,886)
3. DIFFERENCE IN 2021 TRUE-UP AMOUNT PROJECTED IN MID-COURSE 2022 RATES AND AMOUNT COLLECTED IN 2022 (\$39,496 under-recovery less (\$6,294) collected January through March 2022)	<u>(\$33,202)</u>
4. ACTUAL-ESTIMATED 2022 OVER/(UNDER) RECOVERY (Line 1 - Line 2 + Line 3)	\$3,967,826
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 (Line 4 + Line 5) To be included in the 12-month projected period January 2023 through December 2023	<u><u>\$3,967,826</u></u>

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT
JANUARY 2022 THROUGH DECEMBER 2022

	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Estimated Jul-22	Estimated Aug-22	Estimated Sep-22	Estimated Oct-22	Estimated Nov-22	Estimated Dec-22	Total
1 UNIT POWER CAPACITY CHARGES	1,106,713	905,149	303,648	72,676	915,888	1,061,669	706,062	706,062	706,062	353,031	0	0	6,836,960
2 CAPACITY PAYMENTS TO COGENERATORS	0	0	0	0	0	0	0	0	0	0	0	0	0
3 (UNIT POWER CAPACITY REVENUES)	(455,994)	(183,389)	(168,810)	(229,204)	(391,881)	(624,584)	(54,417)	(54,417)	(54,417)	(54,417)	(54,417)	(54,414)	(2,380,361)
4 TOTAL CAPACITY DOLLARS	650,719	721,760	134,838	(156,528)	524,007	437,085	651,645	651,645	651,645	298,614	(54,417)	(54,414)	4,456,599
5 SEPARATION FACTOR	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
6 JURISDICTIONAL CAPACITY DOLLARS	650,719	721,760	134,838	(156,528)	524,007	437,085	651,645	651,645	651,645	298,614	(54,417)	(54,414)	4,456,599
7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	384,825	374,563	384,313	687,072	768,307	873,213	886,360	885,650	900,092	840,672	701,043	662,649	8,348,759
8 PRIOR PERIOD TRUE-UP PROVISION	(2,098)	(2,098)	(2,098)	0	0	0	0	0	0	0	0	0	(6,294)
8a MID-COURSE TRUE-UP PROVISION	0	0	0	(178,210)	(178,210)	(178,210)	(178,210)	(178,210)	(178,210)	(178,210)	(178,210)	(178,206)	(1,603,886)
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	382,727	372,465	382,215	508,862	590,097	695,003	708,150	707,440	721,882	662,462	522,833	484,443	6,738,579
10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6)	(267,992)	(349,295)	247,377	665,390	66,090	257,918	56,505	55,795	70,237	363,848	577,250	538,857	2,281,980
11 INTEREST PROVISION FOR MONTH	(16)	(70)	(133)	54	506	1,187	2,187	2,858	3,305	4,586	6,659	8,390	29,513
12 ADJ - SOBRA 3 TRUE-UP	0	85,648	0	0	0	0	0	0	0	0	0	0	85,648
13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY	(39,496)	(305,406)	(567,025)	(317,683)	525,971	770,777	1,208,092	1,444,994	1,681,857	1,933,609	2,480,253	3,242,372	(39,496)
14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH	2,098	2,098	2,098	178,210	178,210	178,210	178,210	178,210	178,210	178,210	178,210	178,206	1,610,180
15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14)	(305,406)	(567,025)	(317,683)	525,971	770,777	1,208,092	1,444,994	1,681,857	1,933,609	2,480,253	3,242,372	3,967,826	3,967,826

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT
JANUARY 2022 THROUGH DECEMBER 2022

	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Estimated Jul-22	Estimated Aug-22	Estimated Sep-22	Estimated Oct-22	Estimated Nov-22	Estimated Dec-22	Total
1 BEGINNING TRUE-UP AMOUNT	(39,496)	(305,406)	(567,025)	(317,683)	525,971	770,777	1,208,092	1,444,994	1,681,857	1,933,609	2,480,253	3,242,372	(39,496)
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(305,390)	(566,955)	(317,550)	525,917	770,271	1,206,905	1,442,807	1,678,999	1,930,304	2,475,667	3,235,713	3,959,435	3,852,664
3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2)	(344,887)	(872,362)	(884,576)	208,233	1,296,241	1,977,681	2,650,898	3,123,992	3,612,160	4,409,275	5,715,965	7,201,806	3,813,167
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(172,443)	(436,181)	(442,288)	104,117	648,121	988,841	1,325,449	1,561,996	1,806,080	2,204,638	2,857,983	3,600,903	1,906,584
5 INTEREST RATE % - 1ST DAY OF MONTH	0.080	0.140	0.240	0.490	0.760	1.120	1.760	2.200	2.200	2.200	2.800	2.800	NA
6 INTEREST RATE % - 1ST DAY OF NEXT MONTH	0.140	0.240	0.490	0.760	1.120	1.760	2.200	2.200	2.200	2.800	2.800	2.800	NA
7 TOTAL (LINE 5 + LINE 6)	0.220	0.380	0.730	1.250	1.880	2.880	3.960	4.400	4.400	5.000	5.600	5.600	NA
8 AVERAGE INTEREST RATE % (50% OF LINE 7)	0.110	0.190	0.365	0.625	0.940	1.440	1.980	2.200	2.200	2.500	2.800	2.800	NA
9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12)	0.009	0.016	0.030	0.052	0.078	0.120	0.165	0.183	0.183	0.208	0.233	0.233	NA
10 INTEREST PROVISION (LINE 4 X LINE 9)	(16)	(70)	(133)	54	506	1,187	2,187	2,858	3,305	4,586	6,659	8,390	29,513

TAMPA ELECTRIC COMPANY
CAPACITY COSTS
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	QF = QUALIFYING FACILITY
DEF	12/1/2021	10/31/2022	ST	LT = LONG TERM
FMPA	1/1/2022	2/28/2022	ST	ST = SHORT-TERM

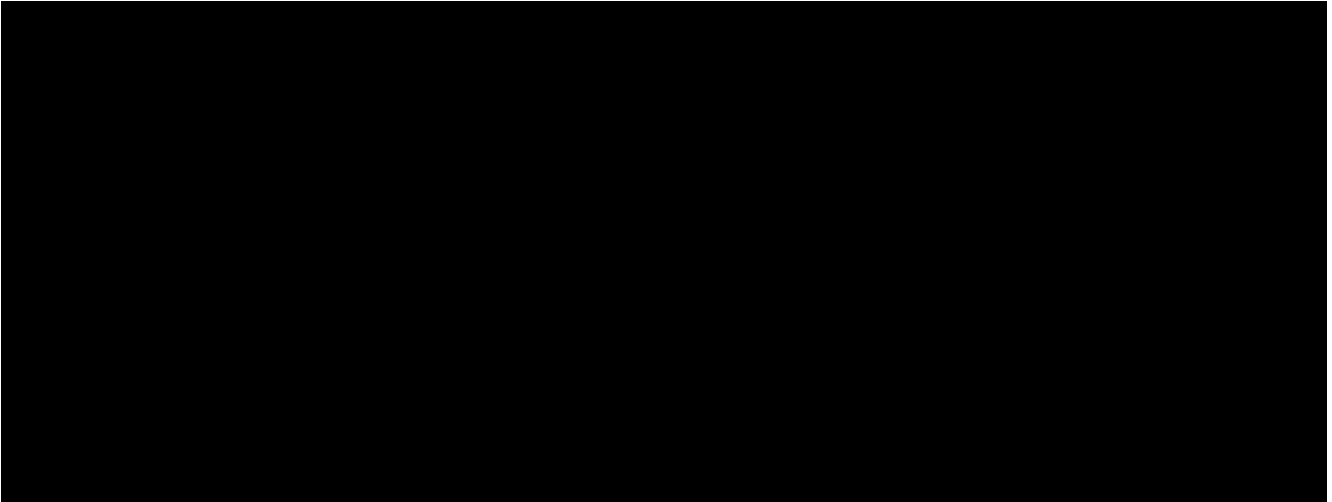
** THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	ACT	ACT	ACT	ACT	ACT	ACT	EST	EST	EST	EST	EST	EST
	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
SEMINOLE ELECTRIC	12.5	12.9	12.6	11.4	11.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0
DEF	360.0	360.0	360.0	360.0	360.0	360.0	0.0	0.0	0.0	0.0	0.0	0.0
FMPA	50.0	50.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	0.0

CAPACITY	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
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FLORIDA POWER & LIGHT
DUKE ENERGY FLORIDA
FMPA
JACKSONVILLE ELECTRIC AUTHORITY
SUBTOTAL CAPACITY PURCHASES

SEMINOLE ELECTRIC - D
CONSTELLATION ENERGY GENERATION - MA
CITY OF TALLAHASSEE - MA
DUKE ENERGY FLORIDA - MA
FLORIDA POWER & LIGHT - MA
ORLANDO UTILITIES - MA
EXGEN - MA
REEDY CREEK - MA
THE ENERGY AUTHORITY - MA
MACQUARIE ENERGY LLC - MA
MORGAN STANLEY - MA
SOUTHERN CO - MA
EDF TRADING - MA
SUBTOTAL CAPACITY SALES



TOTAL PURCHASES AND (SALES)	650,719	721,760	134,838	(156,528)	524,007	437,085	651,645	651,645	651,645	298,614	(54,417)	(54,414)	4,456,599
TOTAL CAPACITY	650,719	721,760	134,838	(156,528)	524,007	437,085	651,645	651,645	651,645	298,614	(54,417)	(54,414)	4,456,599