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September 11, 2020

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. 20200001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket, on behalf of Tampa Electric Company, are the Revised Prepared Direct Testimony of M. Ashley Sizemore and Revised Exhibit No. MAS-2, regarding Fuel and Purchased Power Cost Recovery and Capacity Cost Recovery Actual/Estimated True-Up for the Period January 2020 through December 2020.

The Testimony is revised to include a new question and answer on pages 7 and 8 to address the 2019 capacity true-up calculation. Exhibit MAS-2, Document 2, Page 1 is revised to reflect this change to the Testimony. The content of the Testimony and Exhibit are otherwise unchanged.

Thank you for your assistance in connection with this matter.

Sincerely,



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 revised Testimony and Exhibit of M. Ashley Sizemore, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 11th day of September 2020, to the following:

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ATTORNEY



**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET NO. 20200001-EI
FUEL & PURCHASED POWER COST RECOVERY
AND
CAPACITY COST RECOVERY**

**ACTUAL/ESTIMATED TRUE-UP
JANUARY 2020 THROUGH DECEMBER 2020**

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

**FILED: JULY 27, 2020
REVISED: AUGUST 12, 2020
SECOND REVISED: SEPTEMBER 11, 2020**

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 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

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

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 2020 through December 2020 fuel and purchased power and capacity actual/estimated true-up amounts to be recovered in the January 2021 through December 2021 projection period. My testimony addresses the recovery of the fuel and purchased power costs as well as capacity costs for the year 2020, based on six months of actual data and six months of estimated data. This information will be used in the determination of the 2021 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 four 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 2020
9 through December 2020. Document No. 2 provides the
10 actual/estimated capacity cost recovery true-up amount
11 for the period January 2020 through December 2020.
12 Document No. 3 provides the actual/estimated capital
13 costs during the period of January 2020 through December
14 2020 for projects authorized for recovery through the fuel
15 clause. Document No. 3 also provides the capital structure
16 components and cost rates relied upon to calculate the
17 revenue requirement rate of return for such projects.
18 Document No. 4 provides the calculation for the Lake
19 Hancock stipulated issue fuel savings. These documents
20 are furnished as support for the actual/estimated true-
21 up amount for this period.

22
23 **Fuel and Purchased Power Cost Recovery Factors**

24 Q. What has Tampa Electric calculated as the estimated net
25 true-up amount for the current period to be applied in

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the January 2021 through December 2021 fuel and purchased power cost recovery factors?

A. The estimated net true-up amount applicable for the period of January 2021 through December 2021 is an under-recovery of \$25,479,055.

Q. How did Tampa Electric calculate the estimated net true-up to be applied in the January 2021 through December 2021 fuel and purchased power cost recovery factors?

A. The net true-up amount to be recovered in 2021 does not include the final true-up amount for the period January 2019 through December 2019 because this amount was returned to customers during 2020 in Tampa Electric's fuel mid-course factors, as approved in Order No. PSC-2020-0154-PCO-EI, issued May 14, 2020 in Docket No. 20200001-EI. The actual/estimated true-up amount for the period January 2020 through December 2020 is included in the January 2021 through December 2021 fuel and purchased power cost recovery factors. This calculation is shown on Schedule E1-A of Exhibit No. MAS-2, Document No. 1.

Q. What did Tampa Electric calculate as the actual/estimated fuel and purchased power cost recovery amount for the

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period January 2020 through December 2020?

A. The net 2020 actual/estimated fuel and purchased power cost recovery true-up is an under-recovery of \$61,300,153 for the January 2020 through December 2020 period. This includes adjustments to reflect the company's mid-course correction true-up amounts. It is the actual/estimated under-recovery amount for the period January 2020 through December 2020, less the projected over-recovery true-up included in the period June 2020 through December 2020 mid-course correction factors, plus the difference between the 2019 actual/estimated true-up amount included in the original 2020 factors and the amount actually refunded before the mid-course correction factors became effective. The actual/estimated true-up for the period January 2020 through December 2020 is an under-recovery of \$43,367,307. The detailed calculation supporting the actual/estimated current period true-up is shown in Exhibit No. MAS-2, Document No. 1 on Schedule E1-B. In addition, the calculation is shown on Schedule E1-A of Exhibit No. MAS-2, Document No. 1.

Q. Please explain the fuel savings credit for Lake Hancock Solar that was booked in February 2020.

1 **A.** In Order No. PSC-2018-0571, the Commission approved Tampa
2 Electric's proposed set of Stipulations, wherein the
3 company committed that if the 2019 actual fuel savings
4 associated with the incremental 5 MW and the additional
5 17.7 MW of the Lake Hancock Solar project not included in
6 the Second SoBRA did not equal or exceed \$1,000,000, then
7 the company would refund the shortfall to customers. The
8 refund, reflected in February's A-Schedule, was \$236,322.
9 This is shown in Exhibit No. MAS-2, Document No. 1 on
10 Schedule E1-B. In addition, the calculation is shown in
11 Exhibit No. MAS-2, Document No. 4.

12
13 **Q.** What was the actual 2019 fuel savings associated with
14 Lake Hancock's incremental 5 MW and additional 17.7 MW
15 that was not included in the Second SoBRA tranche?

16
17 **A.** The actual fuel savings associated with Lake Hancock's
18 incremental 5 MW and additional 17.7 MW not included in
19 the second SoBRA tranche is \$763,678. Tampa Electric
20 refunded the difference of \$236,322 to the customers.

21
22 **Q.** Were there any additional adjustments to the Fuel and
23 Purchased Power cost recovery clause?

24
25 **A.** Yes. In July, Tampa Electric received a refund related to

1 the Transco rate case settlement in the amount of \$461,004
2 for charges incurred during the period of March 2019
3 through May 2020 (Docket No.: RP18-1126-003, Order
4 Document No. 20200324-3028 filed on March 24, 2020).

5

6 **Capacity Cost Recovery Clause**

7 **Q.** What has Tampa Electric calculated as the estimated net
8 true-up amount to be applied in the January 2021 through
9 December 2021 capacity cost recovery factors?

10

11 **A.** The estimated net true-up amount applicable for January
12 2021 through December 2021 is an over-recovery of
13 \$1,771,480 as shown in Exhibit No. MAS-2, Document No. 2,
14 page 1 of 4.

15

16 **Q.** How did Tampa Electric calculate the estimated net true-
17 up amount to be applied in the January 2021 through
18 December 2021 capacity cost recovery factors?

19

20 **A.** The net true-up amount to be recovered in the 2021
21 capacity cost recovery factors includes the sum of the
22 final true-up amount for 2019 and the actual/estimated
23 true-up amount for January 2020 and December 2020.

24

25 **Q.** What did Tampa Electric calculate as the final capacity

1 cost recovery true-up amount for 2019?
2

3 **A.** The final 2019 true-up is an over-recovery of \$111,228.
4 The actual capacity cost under-recovery, including
5 interest, was \$2,067,989 for the period January 2019
6 through December 2019. This amount, less the \$2,179,217
7 actual/estimated under-recovery amount approved in Order
8 No. PSC-2019-0484-FOF-EI, issued November 18, 2019, in
9 Docket No. 20190001-EI results in a net over-recovery
10 amount for the period of \$111,228 as identified in Exhibit
11 No. MAS-2, Document No. 2, page 1 of 4.
12

13 **Q.** What did Tampa Electric calculate as the actual/estimated
14 capacity cost recovery true-up amount for the period
15 January 2020 through December 2020?
16

17 **A.** The actual/estimated true-up amount is an over-recovery
18 of \$5,870,171 as shown on Exhibit No. MAS-2, Document
19 No. 2, page 1 of 4.
20

21 **Q.** What did Tampa Electric calculate as the net capacity
22 cost recovery true-up amount for the period January 2020
23 through December 2020?
24

25 **A.** The net capacity cost recovery true-up amount for the

1 period January 2020 through December 2020 is an over-
2 recovery of \$1,771,480. This calculation is shown on
3 Exhibit No. MAS-2, Document No. 2, page 1 of 4.
4

5 **Q.** Please explain the credit of \$4,856,329 that is reflected
6 in the month of February and the credit of \$4,069,905
7 that is reflected in the month of June on line 12 of
8 Exhibit No. MAS-2, Document No. 2, page 2 of 4.
9

10 **A.** Pursuant to paragraph 6(n) of the 2017 Amended and
11 Restated Stipulation and Settlement agreement, "...the
12 difference between the cumulative base revenues since the
13 implementation of the initial SoBRA factor and the
14 cumulative base revenues that would have resulted if the
15 revised SoBRA factor (for cost and in-service date true-
16 ups) had been in place during the same time period will
17 be trued up with interest at the AFUDC rate shown in
18 Exhibit B used for the projects, and will be made through
19 a one-time, twelve-month adjustment through the CCR
20 clause." As submitted for Commission review and approval
21 in Docket No. 20200144-EI, an estimated true-up for the
22 First and Second SoBRAs totaling \$4,856,329 was credited
23 to the capacity clause in February 2020, and any
24 additional adjustment required will be made upon
25 resolution of Docket No. 20200144-EI. The June 2020

1 credit to the capacity clause represents the estimated
2 true-up amount due to customers for the Third SoBRA actual
3 in-service dates and will be adjusted as needed upon
4 Commission review and approval of the final true-up
5 amounts for the actual in-service dates and installed
6 costs of the projects. This amount is expected to be
7 finalized during 2021.

8
9 **Capital Projects Approved for Fuel Clause Recovery**

10 **Q.** Please describe the capital project costs that have been
11 authorized for recovery through the fuel clause.

12
13 **A.** Document No. 3 of Exhibit No. MAS-2 provides the capital
14 cost and fuel savings for the Big Bend Units 1 through 4
15 ignition conversion project for the period January 2020
16 through December 2020. This document also contains the
17 capital structure components and cost rates relied upon
18 to calculate the revenue requirement rate of return on
19 capital projects recovered through the fuel clause.

20
21 Collection of the Big Bend Units 1 through 4 ignition
22 conversion project capital costs was completed in May
23 2020. These costs, including depreciation and return,
24 were less than the project fuel savings, as shown on
25 Exhibit No. MAS-2, Document No. 3, Page 1, line 33.

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Therefore, the Big Bend Units 1 through 4 ignition conversion project capital costs should be recovered through the fuel clause in accordance with FPSC Order No. PSC-2014-0309-PAA-EI, issued in Docket No. 20140032-EI on June 12, 2014.

Q. Does this conclude your direct testimony?

A. Yes, it does.

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 1

FUEL AND PURCHASED POWER COST RECOVERY

ACTUAL / ESTIMATED

JANUARY 2020 THROUGH DECEMBER 2020

TAMPA ELECTRIC COMPANY

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PAGE NO.	DESCRIPTION	PERIOD
2	Schedule E1-A Calculation of Total True-Up	(JAN. 2021 - DEC. 2021)
3	Schedule E1-B Calculation of Estimated True-Up	(JAN. 2020 - DEC. 2020)
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 2021 THROUGH DECEMBER 2021**

SCHEDULE E1-A

1. ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B) January 2020 - December 2020 (6 months actual, 6 months estimated)	(\$43,367,307)
2. PROJECTED OVER/UNDER-RECOVERY TRUE-UP INCLUDED IN JUNE - DECEMBER 2020 RATES (Per Mid-Course correction Schedule E1-C, line 1B)	\$0
3. DIFFERENCE IN 2019 ESTIMATED TRUE-UP AMOUNT PROJECTED IN ORIGINAL 2020 RATES AND AMOUNT COLLECTED IN 2020 (\$30,742,026 under-recovery less (\$2,561,836) refunded each month January through May 2020)	<u>(\$17,932,846)</u>
4. ACTUAL-ESTIMATED 2020 OVER/(UNDER) RECOVERY (Line 1 - Line 2 + Line 3)	(\$61,300,153)
5. FINAL TRUE-UP (January 2019 - December 2019) (Per True-Up filed March 2, 2020)	<u>35,821,098</u>
6. TOTAL OVER/(UNDER) RECOVERY TO BE COLLECTED IN 2021 (Line 4 + Line 5) To be included in the 12-month projected period January 2021 through December 2021 (2021 Schedule E1, line 29)	<u><u>(\$25,479,055)</u></u>
7. JURISDICTIONAL MWH SALES (Projected January 2021 through December 2021)	19,545,089
8. TRUE-UP FACTOR - cents/kWh (Using Effective MWh Sales of 19,514,116)	0.1306

TAMPA ELECTRIC COMPANY
CALCULATION OF ESTIMATED TRUE-UP
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

SCHEDULE E1-B
REVISED 8/12/20

	ACTUAL						ESTIMATED						TOTAL
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
A. 1. Fuel Cost of System Net Generation	36,433,217	28,053,617	31,379,547	25,492,298	27,707,925	32,535,096	40,708,751	43,874,042	41,164,058	38,341,342	36,354,561	42,572,326	424,616,780
2. Fuel Cost of Power Sold ⁽¹⁾	87,963	93,206	310,050	36,113	55,255	64,665	66,154	67,203	70,381	73,668	72,806	77,059	1,074,523
3. Fuel Cost of Purchased Power	2,767	(3,817)	0	129,561	78,534	71,725	0	0	0	0	0	61,224	339,994
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	88,714	291,342	171,178	218,027	120,336	107,388	189,360	211,880	194,840	198,000	195,750	167,730	2,154,545
4. Energy Cost of Economy Purchases	314,503	260,337	443,296	3,913,922	9,221,266	8,677,950	6,321,920	6,455,240	6,252,140	6,726,330	4,450,850	686,196	53,723,950
5. Adj. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,391	351,154	239,240	0	0	0	0	0	0	0	1,657,276
5a. Adjustment TRANSCO Refund	0	0	0	0	0	0	(461,004)	0	0	0	0	0	(461,004)
5b. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
6. TOTAL FUEL & NET POWER TRANS.	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
⁽¹⁾ Includes Gains													
B. 1. Jurisdictional MWH Sales	1,455,302	1,379,292	1,359,170	1,534,770	1,528,679	1,775,552	1,873,355	1,902,497	1,937,665	1,778,494	1,498,483	1,410,765	19,434,024
2. Non-Jurisdictional MWH Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
3. TOTAL SALES (LINE B1+B2)	1,455,302	1,379,292	1,359,170	1,534,770	1,528,679	1,775,552	1,873,355	1,902,497	1,937,665	1,778,494	1,498,483	1,410,765	19,434,024
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)	43,077,818	40,611,832	40,003,085	45,869,774	45,793,723	46,790,142	49,812,875	50,467,287	51,635,873	46,712,539	38,618,102	36,095,556	535,488,606
1a. Jurisdictional Fuel Recovery Revenue Credit	0	0	0	0	0	(25,874,741)	(26,871,639)	(27,412,832)	0	0	0	0	(80,159,212)
2. True-up Provision	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	0	0	0	0	0	0	0	(12,809,180)
2a. Incentive Provision	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,109)	(4,141,330)
2b. 2018 Optimization Mechanism Gains	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,360)	(1,120,353)
3. FUEL REVENUE APPLICABLE TO PERIOD	40,077,508	37,611,522	37,002,775	42,869,464	42,793,413	20,476,927	22,502,762	22,615,981	51,197,399	46,274,065	38,179,628	35,657,087	437,258,531
4. Total Fuel and Net Power Transactions (Line A6)	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
5. Jurisd. Total Fuel and Net Power Transactions (Line A6*Line B4)	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
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	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
5c. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
6. JURISD. TOTAL FUEL AND NET POWER TRANSACTIONS	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
7. Over/(Under) Recovery	2,968,406	8,747,622	4,965,413	12,800,615	5,481,367	(20,850,567)	(24,190,111)	(27,857,978)	3,656,742	1,082,061	(2,748,727)	(7,753,330)	(43,698,487)
7a. FUEL SAVINGS CREDIT FOR LAKE HANCOCK GENERATION PER SECOND SoBRA	0	236,322	0	0	0	0	0	0	0	0	0	0	236,322
8. Interest Provision	10,982	21,803	40,744	35,565	2,951	3,422	4,052	(1,844)	(5,717)	(4,960)	(5,229)	(6,911)	94,858
9. TOTAL ESTIMATED TRUE-UP FOR THE PERIOD													(43,367,307)

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TAMPA ELECTRIC COMPANY
FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

SCHEDULE E2
REVISED 8/12/20

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	TOTAL PERIOD
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
	Actual			Estimated									
1. Fuel Cost of System Net Generation	36,433,217	28,053,617	31,379,547	25,492,298	27,707,925	32,535,096	40,708,751	43,874,042	41,164,058	38,341,342	36,354,561	42,572,326	424,616,780
2. Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Fuel Cost of Power Sold ⁽¹⁾	87,963	93,206	310,050	36,113	55,255	64,665	66,154	67,203	70,381	73,668	72,806	77,059	1,074,523
4. Fuel Cost of Purchased Power	2,767	(3,817)	0	129,561	78,534	71,725	0	0	0	0	0	61,224	339,994
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	88,714	291,342	171,178	218,027	120,336	107,388	189,360	211,880	194,840	198,000	195,750	167,730	2,154,545
7. Energy Cost of Economy Purchases	314,503	260,337	443,296	3,913,922	9,221,266	8,677,950	6,321,920	6,455,240	6,252,140	6,726,330	4,450,850	686,196	53,723,950
8. Adj. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,391	351,154	239,240	0	0	0	0	0	0	0	1,657,276
9. Adjustment TRANSCO Refund	0	0	0	0	0	0	(461,004)	0	0	0	0	0	(461,004)
10. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
11. TOTAL FUEL & NET POWER TRANSACTIONS	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
12. Jurisdictional MWh Sold	1,455,302	1,379,292	1,359,170	1,534,770	1,528,679	1,775,552	1,873,355	1,902,497	1,937,665	1,778,494	1,498,483	1,410,765	19,434,024
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)	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
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)	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
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)	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
19. Cost Per kWh Sold (Cents/kWh)	2.5499	2.0927	2.3571	1.9592	2.4408	2.3276	2.4925	2.6530	2.4535	2.5410	2.7313	3.0771	2.4748
20. Optimization Mechanism (Cents/kWh) ⁽²⁾	(0.0064)	(0.0068)	(0.0069)	(0.0061)	(0.0061)	(0.0053)	(0.0050)	(0.0049)	(0.0048)	(0.0052)	(0.0062)	(0.0066)	(0.0059)
21. True-up (Cents/kWh) ⁽²⁾	0.1760	0.1857	0.1885	0.1669	0.1676	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0737
22. Total (Cents/kWh) (Line 19+20+21)	2.7195	2.2716	2.5387	2.1200	2.6023	2.3223	2.4875	2.6481	2.4487	2.5358	2.7251	3.0705	2.5427
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)	2.7215	2.2732	2.5406	2.1215	2.6042	2.3240	2.4893	2.6501	2.4505	2.5377	2.7271	3.0727	2.5445
25. GPIF Adjusted for Taxes (Cents/kWh) ⁽²⁾	0.0237	0.0250	0.0254	0.0225	0.0226	0.0194	0.0184	0.0181	0.0178	0.0194	0.0230	0.0245	0.0217
26. TOTAL RECOVERY FACTOR (LINE 24+25)	2.7452	2.2982	2.5660	2.1440	2.6268	2.3434	2.5077	2.6682	2.4683	2.5571	2.7501	3.0972	2.5662
27. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH	2.745	2.298	2.566	2.144	2.627	2.343	2.508	2.668	2.468	2.557	2.750	3.097	2.566

⁽¹⁾ Includes Gains

⁽²⁾ Based on Jurisdictional Sales Only

TAMPA ELECTRIC COMPANY
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 ACTUAL FOR THE PERIOD: JANUARY 2020 THROUGH JUNE 2020

SCHEDULE E3

	ACTUAL					
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FUEL COST OF SYSTEM NET GENERATION (\$)						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	0	0	0	0	56,132	111,650
3. COAL	5,976,802	1,044,084	1,258,618	355,640	354,196	2,645,478
4. NATURAL GAS	30,456,415	27,009,533	30,120,929	25,136,658	27,297,597	29,777,968
5. SOLAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL (\$)	36,433,217	28,053,617	31,379,547	25,492,298	27,707,925	32,535,096
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	0	0	0	0	205	251
10. COAL	179,947	(1,208)	(664)	(1,743)	(514)	78,044
11. NATURAL GAS	1,246,294	1,336,780	1,521,132	1,329,024	1,309,506	1,501,629
12. SOLAR	59,607	69,676	104,627	100,443	134,680	114,484
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	1,485,848	1,405,248	1,625,095	1,427,724	1,443,877	1,694,408
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	0	0	0	0	440	759
17. COAL (TON)	82,330	0	(2,255)	0	0	41,559
18. NATURAL GAS (MCF)	10,057,418	10,067,881	11,701,767	9,429,039	9,453,126	11,750,533
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	0	0	0	0	2,567	4,422
23. COAL	1,900,555	0	(51,555)	0	0	932,418
24. NATURAL GAS	10,298,745	10,315,146	11,991,164	9,682,959	9,658,693	11,965,018
25. SOLAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
27. TOTAL (MMBTU)	12,199,300	10,315,146	11,939,609	9,682,959	9,661,260	12,901,858
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	0.01	0.01
30. COAL	12.11	(0.09)	(0.04)	(0.13)	(0.03)	4.61
31. NATURAL GAS	83.88	95.13	93.60	93.09	90.69	88.62
32. SOLAR	4.01	4.96	6.44	7.04	9.33	6.76
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)	0.00	0.00	0.00	0.00	127.57	147.10
37. COAL (\$/TON)	72.60	0.00	(558.15)	0.00	0.00	63.66
38. NATURAL GAS (\$/MCF)	3.03	2.68	2.57	2.67	2.89	2.53
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	0.00	0.00	0.00	0.00	21.87	25.25
43. COAL	3.14	0.00	(24.41)	0.00	0.00	2.84
44. NATURAL GAS	2.96	2.62	2.51	2.60	2.83	2.49
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)	2.99	2.72	2.63	2.63	2.87	2.52
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	0	0	0	0	12,522	17,618
50. COAL	10,562	0	77,643	0	0	11,947
51. NATURAL GAS	8,263	7,716	7,883	7,286	7,376	7,968
52. SOLAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	8,210	7,340	7,347	6,782	6,691	7,614
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	0.00	0.00	0.00	0.00	27.38	44.48
57. COAL	3.32	(86.43)	(189.55)	(20.40)	(68.91)	3.39
58. NATURAL GAS	2.44	2.02	1.98	1.89	2.08	1.98
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)	2.45	2.00	1.93	1.79	1.92	1.92

TAMPA ELECTRIC COMPANY
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 ESTIMATED FOR THE PERIOD: JULY 2020 THROUGH DECEMBER 2020

SCHEDULE E3

	Estimated						TOTAL
	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
FUEL COST OF SYSTEM NET GENERATION (\$)							
1. HEAVY OIL	0	0	0	0	0	0	0
2. LIGHT OIL	673,588	608,665	539,378	501,308	398,286	478,444	3,367,451
3. COAL	4,219,114	4,312,681	4,246,528	2,034,424	1,618,459	2,970,432	31,036,456
4. NATURAL GAS	35,816,049	38,952,696	36,378,152	35,805,610	34,337,816	39,123,450	390,212,873
5. SOLAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	40,708,751	43,874,042	41,164,058	38,341,342	36,354,561	42,572,326	424,616,780
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	2,658	2,658	2,572	2,529	2,100	2,658	15,631
10. COAL	104,340	108,120	107,800	50,220	39,680	75,210	739,232
11. NATURAL GAS	1,539,593	1,612,643	1,460,929	1,372,221	1,157,850	1,341,443	16,729,044
12. SOLAR	135,030	130,700	112,590	112,270	89,140	76,390	1,239,637
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	1,781,621	1,854,121	1,683,891	1,537,240	1,288,770	1,495,701	18,723,544
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	4,986	4,986	4,824	4,744	3,940	4,986	29,665
17. COAL (TON)	59,450	60,940	60,180	28,920	22,850	42,230	396,204
18. NATURAL GAS (MCF)	11,016,735	11,636,535	10,634,604	10,278,364	9,091,264	9,641,105	124,758,371
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	29,229	29,229	28,286	27,814	23,100	29,229	173,875
23. COAL	1,337,720	1,371,170	1,354,020	650,620	514,200	950,270	8,959,418
24. NATURAL GAS	11,314,161	11,940,981	10,908,824	10,513,806	9,299,520	9,892,681	127,781,699
25. SOLAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	12,681,110	13,341,380	12,291,130	11,192,240	9,836,820	10,872,180	136,914,992
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.15	0.14	0.15	0.16	0.16	0.18	0.08
30. COAL	5.85	5.83	6.40	3.27	3.08	5.02	3.95
31. NATURAL GAS	86.42	86.98	86.76	89.27	89.84	89.69	89.35
32. SOLAR	7.58	7.05	6.69	7.30	6.92	5.11	6.62
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)	135.10	122.07	111.81	105.67	101.09	95.96	113.52
37. COAL (\$/TON)	70.97	70.77	70.56	70.35	70.83	70.34	78.33
38. NATURAL GAS (\$/MCF)	3.25	3.35	3.42	3.48	3.78	4.06	3.13
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	23.05	20.82	19.07	18.02	17.24	16.37	19.37
43. COAL	3.15	3.15	3.14	3.13	3.15	3.13	3.46
44. NATURAL GAS	3.17	3.26	3.33	3.41	3.69	3.95	3.05
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)	3.21	3.29	3.35	3.43	3.70	3.92	3.10
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	10,996	10,996	10,998	10,998	11,000	10,996	11,124
50. COAL	12,821	12,682	12,560	12,955	12,959	12,635	12,120
51. NATURAL GAS	7,349	7,405	7,467	7,662	8,032	7,375	7,638
52. SOLAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	7,118	7,196	7,299	7,281	7,633	7,269	7,312
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	25.34	22.90	20.97	19.82	18.97	18.00	21.54
57. COAL	4.04	3.99	3.94	4.05	4.08	3.95	4.20
58. NATURAL GAS	2.33	2.42	2.49	2.61	2.97	2.92	2.33
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)	2.28	2.37	2.44	2.49	2.82	2.85	2.27

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: January 2020

SCHEDULE A4
PAGE 1 OF 2
REVISED 4/20/20

(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	107	9.0	-	31.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	2,434	16.9	-	41.4	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	123	11.8	-	28.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	9,987	19.1	-	47.5	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	10,416	18.8	-	47.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	10,603	19.1	-	47.4	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	8,151	17.9	-	44.9	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	6,605	16.0	-	42.9	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	4,583	16.4	-	39.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	6,200	16.8	-	44.9	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR ⁽³⁾	74.8	(11)	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	409	-	-	-	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	594.4	59,607	13.5	-	32.5	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	315	36,687	15.7	100.0	42.4	13,129	GAS	469,929	1,025,000	481,677.7	1,423,066	3.88	3.03
BIG BEND #2 TOTAL	350	81,100	31.1	46.9	71.5	11,351	GAS	898,078	1,025,000	920,530.2	2,719,609	3.35	3.03
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	181,071	68.6	98.9	68.6	-	GAS	2,013,080	1,025,000	2,063,407.0	6,096,117	3.37	3.03
BIG BEND #3 TOTAL	355	181,071	68.6	98.9	68.6	11,396	-	-	-	2,063,407.0	6,096,117	3.37	-
B.B.#4 (COAL)	442	181,228	55.1	90.4	70.1	-	COAL	82,330	23,084,544	1,900,554.7	5,976,802	3.30	72.60
B.B.#4 (GAS)	195	6,934	4.8	90.4	82.7	-	GAS	71,983	1,025,000	73,782.2	217,982	3.14	3.03
BIG BEND #4 TOTAL	442	188,162	57.2	90.4	67.7	10,508	-	-	-	1,974,336.9	6,194,784	3.29	-
B.B. IGNITION	-	-	-	-	-	-	GAS	9,861	1,025,000	10,108.0	29,863	-	3.03
BIG BEND CT #4 TOTAL⁽³⁾	61	(7)	0.0	77.1	0.0	0	GAS	2,625	1,025,000	2,690.5	7,950	(113.57)	3.03
BIG BEND STATION TOTAL	1,523	487,013	45.7	83.5	45.7	11,181	-	-	-	5,442,642.3	16,471,389	3.38	-
POLK #1 GASIFIER ⁽³⁾	157	(1,281)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	177	23,026	18.9	98.0	66.4	11,131	GAS	250,051	1,025,000	256,302.0	757,217	2.39	3.03
POLK #1 ST	85	8,681	13.2	97.8	47.2	-	-	-	-	-	-	-	-
POLK #1 TOTAL	245	30,426	16.9	97.9	59.3	8,424	-	-	-	256,302.0	757,217	2.49	-
POLK #2 ST DUCT FIRING	120	12,844	14.4	-	85.6	8,400	GAS	105,258	1,025,000	107,889.0	318,747	2.48	3.03
POLK #2 ST W/O DUCT FIRING	360	229,912	85.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	242,756	68.0	99.4	85.6	-	GAS	-	-	107,889.0	318,747	0.13	-
POLK #2 CT (GAS)	180	99,676	74.4	98.0	79.9	11,162	GAS	1,085,419	1,025,000	1,112,554.0	3,286,923	3.30	3.03
POLK #2 CT (OIL)	187	0	0.0	98.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	180	99,676	74.4	98.0	79.9	11,162	-	-	-	1,112,554.0	3,286,923	3.30	-
POLK #3 CT (GAS)	180	93,794	70.0	99.9	80.4	10,921	GAS	999,359	1,025,000	1,024,343.0	3,026,313	3.23	3.03
POLK #3 CT (OIL)	187	0	0.0	99.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	180	93,794	70.0	99.9	80.4	10,921	-	-	-	1,024,343.0	3,026,313	3.23	-
POLK #4 TOTAL	180	97,077	72.5	100.0	81.2	10,844	GAS	1,026,987	1,025,000	1,052,662.0	3,109,978	3.20	3.03
POLK #5 TOTAL	180	103,520	77.3	99.8	81.4	10,830	GAS	1,093,798	1,025,000	1,121,143.0	3,312,298	3.20	3.03
POLK #2 CC TOTAL	1,200	636,823	71.3	99.4	71.3	6,938	GAS	-	-	4,418,591.0	13,054,259	2.05	-
POLK STATION TOTAL	1,445	667,249	62.2	99.2	62.2	7,006	-	-	-	4,674,893.0	13,811,476	2.07	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: January 2020

SCHEDULE A4
PAGE 2 OF 2
REVISED 4/20/20

(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	89,274	49.4	99.3	49.4	-		-	-	-	-	-	-
BAYSIDE CT1A	183	52,833	38.8	99.3	65.2	11,858	GAS	611,209	1,025,000	626,489.1	1,850,896	3.50	3.03
BAYSIDE CT1B	183	54,659	40.1	97.9	64.8	11,888	GAS	633,927	1,025,000	649,775.4	1,919,692	3.51	3.03
BAYSIDE CT1C	183	51,465	37.8	100.0	64.5	11,635	GAS	584,174	1,025,000	598,778.6	1,769,028	3.44	3.03
BAYSIDE UNIT 1 TOTAL	792	248,231	42.1	99.1	42.1	7,554	GAS	1,829,310	1,025,000	1,875,043.0	5,539,616	2.23	3.03
BAYSIDE ST 2	315	7,290	3.1	71.2	27.2	-		-	-	-	-	-	-
BAYSIDE CT2A	183	4,281	3.1	66.4	52.4	12,836	GAS	53,608	1,025,000	54,948.3	162,338	3.79	3.03
BAYSIDE CT2B	183	3,621	2.7	73.0	63.3	12,403	GAS	43,809	1,025,000	44,904.2	132,665	3.66	3.03
BAYSIDE CT2C	183	4,805	3.5	73.0	60.5	12,632	GAS	59,212	1,025,000	60,692.5	179,309	3.73	3.03
BAYSIDE CT2D	183	2,312	1.7	73.0	60.3	12,533	GAS	28,271	1,025,000	28,977.4	85,612	3.70	3.03
BAYSIDE UNIT 2 TOTAL	1,047	22,309	2.9	71.3	25.0	8,496	GAS	184,900	1,025,000	189,522.4	559,924	2.51	3.03
BAYSIDE UNIT 3 TOTAL	61	324	0.7	100.0	88.3	10,933	GAS	3,459	1,025,000	3,545.9	10,476	3.23	3.03
BAYSIDE UNIT 4 TOTAL	61	268	0.6	100.0	86.4	10,939	GAS	2,863	1,025,000	2,934.0	8,668	3.23	3.03
BAYSIDE UNIT 5 TOTAL	61	601	1.3	100.0	77.5	13,351	GAS	7,830	1,025,000	8,025.6	23,711	3.95	3.03
BAYSIDE UNIT 6 TOTAL	61	246	0.5	100.0	85.0	10,934	GAS	2,628	1,025,000	2,693.5	7,957	3.23	3.03
BAYSIDE STATION TOTAL	2,083	271,979	17.5	85.2	17.5	7,654	GAS	2,030,990	1,025,000	2,081,764.4	6,150,352	2.26	3.03
SYSTEM	5,645	1,485,848	35.4	88.7	37.7	8,212	-	-	-	12,199,299.8	36,433,217	2.45	-

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⁾ Station Service

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: February 2020

(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	114	10.2	-	29.1	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	2,733	20.2	-	46.2	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	136	14.0	-	31.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	10,428	21.3	-	49.8	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	11,172	21.6	-	48.9	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	11,497	22.2	-	50.1	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	8,960	21.1	-	48.1	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	7,515	19.5	-	46.0	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	4,918	18.8	-	41.8	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	1,280	3.7	-	45.4	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR ⁽³⁾	74.8	(33)	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	10,956	26.6	-	47.6	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	594.4	69,676	16.8	-	37.3	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	315	14,104	6.4	100.0	40.0	13,421	GAS	184,671	1,025,000	189,288.9	495,427	3.51	2.68
BIG BEND #2 TOTAL ⁽⁴⁾	350	0	0.0	100.0	0.0	0	GAS	104	1,025,000	106.2	278	0.00	2.67
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	149,183	60.4	98.6	62.7	-	GAS	1,621,728	1,025,000	1,662,271.0	4,350,678	2.92	2.68
BIG BEND #3 TOTAL	355	149,183	60.4	98.6	62.7	11,142	-	-	-	1,662,271.0	4,350,678	2.92	-
B.B.#4 (COAL) ⁽⁵⁾	442	0	0.0	0.0	0.0	-	COAL	0	0	0.0	1,054,713	0.00	0.00
B.B.#4 (GAS)	195	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #4 TOTAL	442	0	0.0	0.0	0.0	0	-	-	-	0.0	1,054,713	0.00	-
B.B. IGNITION	-	-	-	-	-	-	GAS	4,325	1,025,000	4,433.0	11,603	-	2.68
BIG BEND CT #4 TOTAL	61	346	0.8	87.0	68.5	18,474	GAS	6,236	1,025,000	6,391.9	16,730	4.84	2.68
BIG BEND STATION TOTAL	1,523	163,633	16.4	74.5	17.0	11,355	-	-	-	1,858,058.0	5,929,429	3.62	-
POLK #1 GASIFIER ^{(3),(6)}	157	(1,208)	-	-	-	-	COAL	-	-	-	(10,629)	0.88	-
POLK #1 CT (GAS)	177	12,067	10.2	81.1	59.2	13,007	GAS	153,123	1,025,000	156,951.0	410,789	2.48	2.68
POLK #1 ST	85	4,501	7.1	81.1	42.1	-	-	-	-	-	-	-	-
POLK #1 TOTAL	245	15,360	9.1	81.1	52.7	10,218	-	-	-	156,951.0	400,160	2.61	-
POLK #2 ST DUCT FIRING	120	12,173	14.6	-	78.4	8,400	GAS	99,753	1,025,000	102,248.0	267,615	2.20	2.68
POLK #2 ST W/O DUCT FIRING	360	212,868	85.0	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	225,041	67.4	88.1	78.4	-	GAS	-	-	102,248.0	267,615	0.12	-
POLK #2 CT (GAS)	180	101,894	81.3	100.0	82.1	11,169	GAS	1,110,285	1,025,000	1,138,042.0	2,978,608	2.92	2.68
POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	180	101,894	81.3	100.0	82.1	11,169	-	-	-	1,138,042.0	2,978,608	2.92	-
POLK #3 CT (GAS)	180	103,389	82.5	100.0	83.5	10,847	GAS	1,094,082	1,025,000	1,121,434.0	2,935,140	2.84	2.68
POLK #3 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	180	103,389	82.5	100.0	83.5	10,847	-	-	-	1,121,434.0	2,935,140	2.84	-
POLK #4 TOTAL	180	58,498	46.7	82.2	82.1	10,854	GAS	619,457	1,025,000	634,943.0	1,661,842	2.84	2.68
POLK #5 TOTAL	180	104,317	83.3	97.8	85.2	10,761	GAS	1,095,209	1,025,000	1,122,589.0	2,938,163	2.82	2.68
POLK #2 CC TOTAL	1,200	593,139	71.0	92.2	71.0	6,945	GAS	-	-	4,119,256.0	10,781,368	1.82	-
POLK STATION TOTAL	1,445	608,498	60.6	90.4	60.6	7,027	-	-	-	4,276,207.0	11,181,528	1.84	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: February 2020

(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	71,462	42.3	88.4	61.2	-		-	-	-	-	-	-
BAYSIDE CT1A	183	44,397	34.9	87.5	70.4	11,356	GAS	491,852	1,025,000	504,148.7	1,319,513	2.97	2.68
BAYSIDE CT1B	183	41,937	32.9	88.6	71.3	11,412	GAS	466,927	1,025,000	478,599.9	1,252,645	2.99	2.68
BAYSIDE CT1C	183	45,546	35.8	88.9	70.0	11,215	GAS	498,333	1,025,000	510,791.7	1,336,900	2.94	2.68
BAYSIDE UNIT 1 TOTAL	792	203,342	36.9	88.3	53.4	7,345	GAS	1,457,112	1,025,000	1,493,540.3	3,909,058	1.92	2.68
BAYSIDE ST 2	315	123,147	56.2	95.9	56.2	-		-	-	-	-	-	-
BAYSIDE CT2A	183	63,374	49.8	83.4	69.7	11,192	GAS	691,968	1,025,000	709,267.9	1,856,373	2.93	2.68
BAYSIDE CT2B	183	55,494	43.6	99.0	70.5	11,448	GAS	619,782	1,025,000	635,276.4	1,662,716	3.00	2.68
BAYSIDE CT2C	183	59,487	46.7	99.1	70.7	11,427	GAS	663,202	1,025,000	679,782.4	1,779,201	2.99	2.68
BAYSIDE CT2D	183	55,942	43.9	99.1	71.0	11,318	GAS	617,714	1,025,000	633,156.9	1,657,168	2.96	2.68
BAYSIDE UNIT 2 TOTAL	1,047	357,444	49.1	95.4	49.1	7,435	GAS	2,592,666	1,025,000	2,657,483.6	6,955,458	1.95	2.68
BAYSIDE UNIT 3 TOTAL	61	288	0.7	88.3	58.3	11,207	GAS	3,149	1,025,000	3,227.3	8,447	2.93	2.68
BAYSIDE UNIT 4 TOTAL	61	802	1.9	99.4	85.2	10,545	GAS	8,248	1,025,000	8,453.1	22,124	2.76	2.68
BAYSIDE UNIT 5 TOTAL	61	987	2.3	96.2	83.7	12,165	GAS	11,708	1,025,000	12,000.4	31,409	3.18	2.68
BAYSIDE UNIT 6 TOTAL	61	579	1.4	96.1	86.3	10,669	GAS	6,025	1,025,000	6,175.8	16,164	2.79	2.68
BAYSIDE STATION TOTAL	2,083	563,441	38.9	92.6	38.9	7,420	GAS	4,078,908	1,025,000	4,180,880.5	10,942,660	1.94	2.68
SYSTEM	5,645	1,405,248	35.8	86.5	38.4	7,340	-	-	-	10,315,145.5	28,053,617	2.00	-

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⁾ Station Service

⁽⁴⁾ Test burn
⁽⁵⁾ Consists of fixed costs and aerial survey adjustment.
⁽⁶⁾ Polk's portion of the aerial survey adjustment.

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

SCHEDULE A4
PAGE 1 OF 2

(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	262	22.0	-	52.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,689	25.6	-	53.9	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	187	18.0	-	37.4	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	14,145	27.1	-	57.2	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	14,250	25.8	-	54.7	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	14,906	26.9	-	57.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	11,320	24.9	-	55.6	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	9,992	24.3	-	50.7	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	6,233	22.4	-	46.3	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	6,666	18.1	-	50.2	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.8	6,316	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	16,661	30.1	-	66.4	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	594.4	104,627	23.7	-	49.0	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	315	14,427	6.7	99.7	41.6	13,393	GAS	188,329	1,026,000	193,225.6	499,273	3.46	2.65
BIG BEND #2 TOTAL	350	53,041	20.3	100.0	37.4	12,710	GAS	657,075	1,026,000	674,159.4	1,741,951	3.28	2.65
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	136,445	51.6	88.2	58.6	-	GAS	1,524,951	1,026,000	1,564,602.1	4,042,754	2.96	2.65
BIG BEND #3 TOTAL	355	136,445	51.6	88.2	58.6	11,467	-	-	-	1,564,602.1	4,042,754	2.96	-
B.B.#4 (COAL) ⁽⁴⁾	442	0	0.0	0.0	0.0	-	COAL	(2,255)	0	(51,555.4)	1,258,618	0.00	(558.15)
B.B.#4 (GAS)	195	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #4 TOTAL	442	0	0.0	0.0	0.0	0	-	-	-	(51,555.4)	1,258,618	0.00	-
B.B. IGNITION	-	-	-	-	-	-	GAS	14,473	1,026,000	14,849.0	38,368	-	2.65
BIG BEND CT #4 TOTAL	61	123	0.3	76.6	51.4	22,380	GAS	2,683	1,026,000	2,752.8	7,113	5.78	2.65
BIG BEND STATION TOTAL	1,523	204,036	16.9	71.7	25.3	11,933	-	-	-	2,383,184.6	7,588,077	3.72	-
POLK #1 GASIFIER ⁽³⁾	157	(664)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	177	74,207	63.1	89.3	70.7	11,822	GAS	855,041	1,026,000	877,272.1	2,121,712	2.07	2.48
POLK #1 ST	85	28,394	44.6	88.9	50.2	-	-	-	-	-	-	-	-
POLK #1 TOTAL	245	101,937	56.6	89.2	63.4	8,606	-	-	-	877,272.1	2,121,712	2.08	-
POLK #2 ST DUCT FIRING	120	17,450	19.6	-	89.7	8,400	GAS	142,865	1,026,000	146,579.1	354,507	2.03	2.48
POLK #2 ST W/O DUCT FIRING	360	239,795	89.6	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	257,245	72.0	98.7	89.7	-	GAS	-	-	146,579.1	354,507	0.14	-
POLK #2 CT (GAS)	180	96,687	72.2	100.0	79.0	11,151	GAS	1,050,877	1,026,000	1,078,199.9	2,607,661	2.70	2.48
POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	180	96,687	72.2	100.0	79.0	11,151	-	-	-	1,078,199.9	2,607,661	2.70	-
POLK #3 CT (GAS)	180	102,583	76.6	100.0	80.9	10,850	GAS	1,084,862	1,026,000	1,113,068.7	2,691,993	2.62	2.48
POLK #3 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	180	102,583	76.6	100.0	80.9	10,850	-	-	-	1,113,068.7	2,691,993	2.62	-
POLK #4 TOTAL	180	104,894	78.3	98.7	83.2	10,697	GAS	1,093,645	1,026,000	1,122,079.3	2,713,786	2.59	2.48
POLK #5 TOTAL	180	103,923	77.6	100.0	82.8	10,712	GAS	1,084,992	1,026,000	1,113,202.0	2,692,314	2.59	2.48
POLK #2 CC TOTAL	1,200	665,332	74.5	99.3	75.5	6,873	GAS	-	-	4,573,128.9	11,060,261	1.66	-
POLK STATION TOTAL	1,445	767,269	54.9	96.1	54.9	7,104	-	-	-	5,450,401.0	13,181,973	1.72	-

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

(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	49,480	27.4	50.3	58.2	-		-	-	-	-	-	-
BAYSIDE CT1A	183	24,396	17.9	44.8	68.6	11,569	GAS	275,077	1,026,000	282,228.5	729,247	2.99	2.65
BAYSIDE CT1B	183	32,334	23.7	48.1	68.2	11,587	GAS	365,161	1,026,000	374,655.6	968,066	2.99	2.65
BAYSIDE CT1C	183	34,565	25.4	48.1	66.5	11,393	GAS	383,830	1,026,000	393,809.4	1,017,559	2.94	2.65
BAYSIDE UNIT 1 TOTAL	792	140,774	23.9	48.0	50.8	7,464	GAS	1,024,068	1,026,000	1,050,693.5	2,714,872	1.93	2.65
BAYSIDE ST 2	315	141,605	60.4	99.9	60.4	-		-	-	-	-	-	-
BAYSIDE CT2A	183	81,472	59.9	100.0	68.1	11,315	GAS	898,469	1,026,000	921,829.5	2,381,901	2.92	2.65
BAYSIDE CT2B	183	65,812	48.3	99.5	68.6	11,533	GAS	739,747	1,026,000	758,980.6	1,961,119	2.98	2.65
BAYSIDE CT2C	183	60,650	44.5	100.0	69.0	11,551	GAS	682,799	1,026,000	700,551.4	1,810,146	2.98	2.65
BAYSIDE CT2D	183	57,308	42.1	100.0	69.4	11,466	GAS	640,437	1,026,000	657,087.9	1,697,841	2.96	2.65
BAYSIDE UNIT 2 TOTAL	1,047	406,847	52.2	99.9	52.2	7,468	GAS	2,961,452	1,026,000	3,038,449.4	7,851,007	1.93	2.65
BAYSIDE UNIT 3 TOTAL	61	185	0.4	100.0	84.3	11,045	GAS	1,993	1,026,000	2,044.6	5,283	2.86	2.65
BAYSIDE UNIT 4 TOTAL	61	538	1.2	100.0	89.3	10,791	GAS	5,661	1,026,000	5,807.4	15,006	2.79	2.65
BAYSIDE UNIT 5 TOTAL	61	583	1.3	100.0	81.5	11,085	GAS	6,299	1,026,000	6,462.8	16,699	2.86	2.65
BAYSIDE UNIT 6 TOTAL	61	236	0.5	100.0	83.1	10,887	GAS	2,501	1,026,000	2,565.9	6,630	2.81	2.65
BAYSIDE STATION TOTAL	2,083	549,163	37.0	70.2	37.0	7,477	GAS	4,001,974	1,026,000	4,106,023.5	10,609,497	1.93	2.65
SYSTEM	5,645	1,625,095	38.7	78.0	45.3	7,379	-	-	-	11,939,609.1	31,379,547	1.93	-

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⁾ Station Service

⁽⁴⁾ Consists of fixed costs and aerial survey adjustment and prior month adjustments, details on Schedule A5, page 2.

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 2020

SCHEDULE A4
PAGE 1 OF 2
REVISED 6/19/20

(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	274	23.8	-	47.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,459	24.8	-	41.8	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	172	17.1	-	30.7	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	11,993	23.7	-	46.1	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	12,550	23.4	-	44.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	12,236	22.8	-	43.6	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	9,589	21.8	-	41.5	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	8,777	22.0	-	41.2	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	6,058	22.4	-	39.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	7,746	21.7	-	41.3	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.8	13,460	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	14,129	26.3	-	47.9	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	594.4	100,443	23.5	-	39.6	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	(3),(5) 305	(5,998)	(0.0)	95.1	0.0	0	GAS	0	0	0.0	(14,505)	0.24	0.00
BIG BEND #2 TOTAL	(5) 340	0	0.0	100.0	0.0	0	GAS	0	0	0.0	(50,606)	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)	(3),(5) 345	(2,719)	0.1	100.0	19.1	-	GAS	681	1,027,000	699.7	(115,632)	4.25	(169.80)
BIG BEND #3 TOTAL	345	(2,719)	0.1	100.0	19.1	0	-	-	-	699.7	(115,632)	4.25	-
B.B.#4 (COAL)	(3),(4) 437	(1,345)	0.0	0.0	0.0	-	COAL	0	0	0.0	355,640	(26.44)	0.00
B.B.#4 (GAS)	185	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #4 TOTAL	437	(1,345)	0.0	0.0	0.0	0	-	-	-	0.0	355,640	(26.44)	-
B.B. IGNITION	(5) -	-	-	-	-	-	GAS	647	1,027,000	664.0	609	-	0.94
BIG BEND CT #4 TOTAL	(5) 56	655	1.6	100.0	85.6	14,679	GAS	9,362	1,027,000	9,614.5	24,752	3.78	2.64
BIG BEND STATION TOTAL	1,483	(9,407)	0.1	74.0	4.3	0	-	-	-	10,314.2	200,258	(2.13)	-
POLK #1 GASIFIER	(3) 220	(398)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	(5) 150	45,317	41.7	63.0	68.4	12,250	GAS	540,533	1,027,000	555,127.0	1,520,199	2.41	2.81
POLK #1 ST	85	17,857	29.0	64.7	48.2	-	-	-	-	-	-	-	-
POLK #1 TOTAL	235	62,776	37.1	63.6	60.9	8,843	-	-	-	555,127.0	1,520,199	2.42	-
POLK #2 ST DUCT FIRING	(5) 120	8,412	9.7	-	81.0	8,400	GAS	68,800	1,027,000	70,658.0	196,647	2.34	2.86
POLK #2 ST W/O DUCT FIRING	341	211,603	86.2	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	220,015	66.3	93.0	81.0	-	GAS	-	-	70,658.0	196,647	0.09	-
POLK #2 CT (GAS)	(5) 150	90,385	83.7	99.2	92.9	11,255	GAS	990,550	1,027,000	1,017,295.0	2,738,034	3.03	2.76
POLK #2 CT (OIL)	159	0	0.0	99.2	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	90,385	83.7	99.2	92.9	11,255	-	-	-	1,017,295.0	2,738,034	3.03	-
POLK #3 CT (GAS)	(5) 150	90,166	83.5	95.1	96.2	10,957	GAS	961,981	1,027,000	987,955.0	2,665,021	2.96	2.77
POLK #3 CT (OIL)	159	0	0.0	95.1	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	90,166	83.5	95.1	96.2	10,957	-	-	-	987,955.0	2,665,021	2.96	-
POLK #4 TOTAL	(5) 150	82,315	76.2	99.9	99.0	10,753	GAS	861,859	1,027,000	885,129.0	2,398,918	2.91	2.78
POLK #5 TOTAL	(5) 150	98,932	91.6	100.0	97.8	10,813	GAS	1,041,660	1,027,000	1,069,785.0	2,877,448	2.91	2.76
POLK #2 CC TOTAL	1,061	581,813	76.2	96.1	76.2	6,928	GAS	-	-	4,030,822.0	10,876,068	1.87	-
POLK STATION TOTAL	1,296	644,589	69.1	90.2	69.1	7,115	-	-	-	4,685,949.0	12,396,267	1.92	-

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	97,360	58.0	99.6	58.2	-		-	-	-	-	-	-
BAYSIDE CT1A	156	49,761	44.3	100.0	78.7	11,497	GAS	557,085	1,027,000	572,126.7	1,462,843	2.94	2.63
BAYSIDE CT1B	156	69,772	62.1	100.0	77.4	11,556	GAS	785,114	1,027,000	806,312.4	2,061,622	2.95	2.63
BAYSIDE CT1C	156	57,536	51.2	100.0	78.0	11,248	GAS	630,163	1,027,000	647,177.0	1,654,738	2.88	2.63
BAYSIDE UNIT 1 TOTAL ⁽⁵⁾	701	274,428	54.4	99.9	54.6	7,381	GAS	1,972,362	1,027,000	2,025,616.1	5,179,203	1.89	2.63
BAYSIDE ST 2	305	148,198	67.5	98.5	67.5	-		-	-	-	-	-	-
BAYSIDE CT2A	156	82,645	73.6	100.0	78.9	11,199	GAS	901,220	1,027,000	925,552.6	2,333,464	2.82	2.59
BAYSIDE CT2B	156	62,301	55.5	100.0	79.1	11,398	GAS	691,464	1,027,000	710,133.6	1,790,358	2.87	2.59
BAYSIDE CT2C	156	63,241	56.3	100.0	79.2	11,463	GAS	705,865	1,027,000	724,923.6	1,827,645	2.89	2.59
BAYSIDE CT2D	156	60,901	54.2	94.0	79.1	11,419	GAS	677,152	1,027,000	695,435.0	1,753,301	2.88	2.59
BAYSIDE UNIT 2 TOTAL ⁽⁵⁾	929	417,286	62.4	98.5	62.4	7,324	GAS	2,975,701	1,027,000	3,056,044.8	7,704,768	1.85	2.59
BAYSIDE UNIT 3 TOTAL ⁽⁵⁾	56	51	0.1	100.0	73.5	13,145	GAS	647	1,027,000	664.8	1,572	3.08	2.43
BAYSIDE UNIT 4 TOTAL ⁽⁵⁾	56	178	0.4	100.0	79.4	12,809	GAS	2,219	1,027,000	2,277.7	5,476	3.08	2.47
BAYSIDE UNIT 5 TOTAL ⁽⁵⁾	56	109	0.3	100.0	70.5	13,411	GAS	1,427	1,027,000	1,465.9	3,320	3.05	2.33
BAYSIDE UNIT 6 TOTAL ⁽⁵⁾	56	47	0.1	100.0	68.7	13,249	GAS	610	1,027,000	626.8	1,434	3.05	2.35
BAYSIDE STATION TOTAL	1,854	692,099	51.8	99.2	51.8	7,350	GAS	4,952,966	1,027,000	5,086,696.0	12,895,773	1.86	2.60
SYSTEM	5,227	1,427,724	37.9	88.6	56.2	6,782	-	-	-	9,682,959.2	25,492,298	1.79	-

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⁾ Station Service

⁽⁴⁾ Consists of fixed costs

⁽⁵⁾ Includes natural gas adjustment to March 2020, details on Schedule A5 page 2

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 2020

(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	337	23.8	-	58.5	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	4,538	28.3	-	54.8	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	218	31.4	-	38.9	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	15,737	20.9	-	60.5	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	17,307	30.1	-	61.4	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	16,838	31.3	-	60.0	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	13,409	30.4	-	58.1	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	12,148	29.5	-	57.0	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	7,617	29.5	-	49.8	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	10,052	27.3	-	53.6	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.8	17,898	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	18,581	32.2	-	63.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	594.4	134,680	30.5	-	53.1	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	305	(4,652)	0.0	95.5	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	15,092	6.0	97.0	52.9	11,898	GAS	175,356	1,024,000	179,566.8	506,378	3.36	2.89
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	(4,714)	0.0	61.2	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	345	(4,714)	0.0	61.2	0.0	0	-	-	-	0.0	0	0.00	-
B.B.#4 (COAL)	437	(28)	0.0	0.2	0.0	-	COAL	0	0	0.0	354,196	(1,264.99)	0.00
B.B.#4 (GAS)	185	(2,217)	0.0	0.2	0.0	-	GAS	1	1,024,000	1.1	3	(0.00)	3.00
BIG BEND #4 TOTAL	437	(2,245)	0.0	0.2	0.0	0	-	-	-	1.1	354,199	(15.78)	-
B.B. IGNITION	-	-	-	-	-	-	GAS	20,809	1,024,000	21,307.9	60,088	-	2.89
BIG BEND CT #4 TOTAL	56	712	1.7	100.0	84.8	14,796	GAS	10,288	1,024,000	10,534.4	29,706	4.17	2.89
BIG BEND STATION TOTAL	1,483	4,193	0.4	63.8	3.6	45,338	-	-	-	190,102.2	950,371	22.67	-
POLK #1 GASIFIER	220	(486)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	150	25,181	22.2	27.9	79.7	11,838	GAS	291,102	1,024,000	298,088.0	840,608	2.46	2.89
POLK #1 ST	85	8,991	14.0	27.4	51.2	-	-	-	-	-	-	-	-
POLK #1 TOTAL	235	33,685	19.3	27.7	69.0	8,849	-	-	-	298,088.0	840,608	2.50	-
POLK #2 ST DUCT FIRING	120	10,082	11.3	-	79.3	8,400	GAS	82,702	1,024,000	84,687.0	238,817	2.37	2.89
POLK #2 ST W/O DUCT FIRING	341	201,258	79.3	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	211,339	61.6	91.0	79.3	-	GAS	-	-	84,687.0	238,817	0.11	-
POLK #2 CT (GAS)	150	73,435	65.8	82.2	92.9	11,321	GAS	811,908	1,024,000	831,394.0	2,344,531	3.19	2.89
POLK #2 CT (OIL)	159	2	0.0	82.2	9.9	12,571	LGT.OIL	3	5,829,600	19.8	383	19.15	127.57
POLK #2 TOTAL	150	73,437	65.8	82.2	92.9	11,322	-	-	-	831,413.8	2,344,914	3.19	-
POLK #3 CT (GAS)	150	82,283	73.9	84.4	95.2	11,013	GAS	884,907	1,024,000	906,145.0	2,555,328	3.11	2.89
POLK #3 CT (OIL)	159	203	0.2	84.4	60.7	12,571	LGT.OIL	437	5,829,600	2,547.1	55,749	27.46	127.57
POLK #3 TOTAL	150	82,486	73.9	84.4	95.2	11,016	-	-	-	908,692.1	2,611,077	3.17	-
POLK #4 TOTAL	150	96,175	86.2	100.0	97.9	10,835	GAS	1,017,643	1,024,000	1,042,066.0	2,938,628	3.06	2.89
POLK #5 TOTAL	150	96,160	86.2	100.0	97.9	10,867	GAS	1,020,444	1,024,000	1,044,935.0	2,946,716	3.06	2.89
POLK #2 CC TOTAL	1,061	559,597	70.9	91.4	70.9	6,990	GAS	-	-	3,911,793.8	11,080,152	1.98	-
POLK STATION TOTAL	1,296	593,282	61.5	79.8	61.5	7,096	-	-	-	4,209,881.8	11,920,760	2.01	-

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	119,451	68.9	97.3	68.9	-		-	-	-	-	-	-
BAYSIDE CT1A	156	67,878	58.5	93.2	81.1	11,424	GAS	757,243	1,024,000	775,417.2	2,186,675	3.22	2.89
BAYSIDE CT1B	156	77,253	66.6	100.0	80.3	11,453	GAS	864,058	1,024,000	884,795.2	2,495,122	3.23	2.89
BAYSIDE CT1C	156	75,077	64.7	98.7	80.2	11,183	GAS	819,899	1,024,000	839,576.3	2,367,605	3.15	2.89
BAYSIDE UNIT 1 TOTAL	701	339,659	65.1	97.3	65.1	7,360	GAS	2,441,200	1,024,000	2,499,788.8	7,049,402	2.08	2.89
BAYSIDE ST 2	305	127,587	56.2	83.3	56.2	-		-	-	-	-	-	-
BAYSIDE CT2A	156	86,540	74.6	100.0	81.1	11,148	GAS	942,140	1,024,000	964,751.9	2,720,599	3.14	2.89
BAYSIDE CT2B	156	61,071	52.6	100.0	81.2	11,278	GAS	672,640	1,024,000	688,783.1	1,942,369	3.18	2.89
BAYSIDE CT2C	156	33,772	29.1	46.1	79.0	11,536	GAS	380,447	1,024,000	389,578.2	1,098,609	3.25	2.89
BAYSIDE CT2D	156	57,328	49.4	89.8	81.8	11,456	GAS	641,343	1,024,000	656,735.0	1,851,993	3.23	2.89
BAYSIDE UNIT 2 TOTAL	929	366,298	53.0	83.8	53.0	7,371	GAS	2,636,570	1,024,000	2,699,848.1	7,613,570	2.08	2.89
BAYSIDE UNIT 3 TOTAL	56	1,190	2.9	100.0	91.5	10,759	GAS	12,503	1,024,000	12,802.9	36,104	3.03	2.89
BAYSIDE UNIT 4 TOTAL	56	1,815	4.4	100.0	96.8	10,534	GAS	18,673	1,024,000	19,119.8	53,918	2.97	2.89
BAYSIDE UNIT 5 TOTAL	56	1,873	4.5	96.2	89.1	10,840	GAS	19,828	1,024,000	20,303.7	57,256	3.06	2.89
BAYSIDE UNIT 6 TOTAL	56	887	2.1	100.0	92.6	10,612	GAS	9,192	1,024,000	9,412.7	26,544	2.99	2.89
BAYSIDE STATION TOTAL	1,854	711,722	51.6	90.7	51.6	7,392	GAS	5,137,966	1,024,000	5,261,276.0	14,836,794	2.08	2.89
SYSTEM	5,227	1,443,877	37.1	79.0	53.0	6,691	-	-	-	9,661,260.1	27,707,925	1.92	-

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) Station Service

(4) Consists of fixed costs
(5) Big Bend Station Total net heat rate includes BB units 1, 3, and 4, all station service, causing the high heat rate. Excluding those units would produce a heat rate of 12,029.

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: June 2020

SCHEDULE A4
PAGE 1 OF 2

(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	238	20.7	-	43.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,834	27.4	-	50.2	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	190	18.8	-	33.9	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	13,513	26.7	-	50.5	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	14,952	27.9	-	52.9	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	13,692	25.5	-	51.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	11,758	26.7	-	50.8	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	9,825	24.6	-	46.2	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	6,402	23.7	-	41.9	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	8,466	23.8	-	44.5	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.8	15,246	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	16,368	30.5	-	55.9	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	594.4	114,484	26.8	-	47.3	-	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 #2 TOTAL	340	18,448	7.5	52.6	42.4	13,146	GAS	237,536	1,021,000	242,524.7	601,960	3.26	2.53
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	85,306	34.3	31.6	51.5	-	GAS	1,052,018	1,021,000	1,074,110.3	2,666,003	3.13	2.53
BIG BEND #3 TOTAL	345	85,306	34.3	31.6	51.5	12,591	-	-	-	1,074,110.3	2,666,003	3.13	-
B.B.#4 (COAL)	437	78,044	24.8	100.0	51.5	-	COAL	41,559	22,436,013	932,418.3	2,645,478	3.39	63.66
B.B.#4 (GAS)	185	28,634	21.5	100.0	66.1	-	GAS	340,893	1,021,000	348,052.0	863,884	3.02	2.53
BIG BEND #4 TOTAL	437	106,678	33.9	31.6	42.0	12,003	-	-	-	1,280,470.3	3,509,362	3.29	-
B.B. IGNITION	-	-	-	-	-	-	GAS	31,613	1,021,000	32,276.9	80,113	-	2.53
BIG BEND CT #4 TOTAL	56	495	1.2	89.3	83.0	15,221	GAS	7,379	1,021,000	7,534.2	18,700	3.78	2.53
BIG BEND STATION TOTAL	1,178	210,927	24.9	46.8	30.8	12,349	-	-	-	2,604,639.4	6,876,138	3.26	-
POLK #1 GASIFIER	220	0	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	162	96,483	82.6	96.0	82.9	11,076	GAS	1,046,690	1,021,000	1,068,670.0	2,652,500	2.03	2.53
POLK #1 ST	48	34,038	98.4	99.8	98.7	-	-	-	-	-	-	-	-
POLK #1 TOTAL	210	130,521	86.2	91.7	86.4	8,188	-	-	-	1,068,670.0	2,652,500	2.03	-
POLK #2 ST DUCT FIRING	120	5,707	6.6	-	77.8	8,400	GAS	46,950	1,021,000	47,936.0	118,980	2.08	2.53
POLK #2 ST W/O DUCT FIRING	341	183,200	74.6	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	188,907	56.9	96.4	77.8	-	GAS	-	-	47,936.0	118,980	0.06	-
POLK #2 CT (GAS)	150	72,738	56.8	61.7	91.6	11,223	GAS	799,580	1,021,000	816,371.0	2,026,279	2.79	2.53
POLK #2 CT (OIL)	(3) 159	153	0.1	61.7	37.0	17,615	LGT.OIL	463	5,829,600	2,696.0	68,108	44.52	147.10
POLK #2 TOTAL	150	72,891	56.9	61.7	91.6	11,237	-	-	-	819,067.0	2,094,387	2.87	-
POLK #3 CT (GAS)	150	82,050	76.7	99.8	96.1	11,057	GAS	888,567	1,021,000	907,227.0	2,251,789	2.74	2.53
POLK #3 CT (OIL)	(3) 159	98	0.1	99.8	32.4	17,615	LGT.OIL	296	5,829,600	1,726.2	43,542	44.43	147.10
POLK #3 TOTAL	150	82,148	76.7	99.8	96.1	11,065	-	-	-	908,953.2	2,295,331	2.79	-
POLK #4 TOTAL	150	82,829	81.4	99.9	94.6	10,786	GAS	874,998	1,021,000	893,373.0	2,217,403	2.68	2.53
POLK #5 TOTAL	150	87,909	86.2	100.0	97.9	10,898	GAS	938,321	1,021,000	958,026.0	2,377,875	2.70	2.53
POLK #2 CC TOTAL	1,061	514,684	67.4	82.8	78.3	7,048	GAS	-	-	3,627,355.2	9,103,976	1.77	-
POLK STATION TOTAL	1,271	645,205	69.1	84.4	69.4	7,278	-	-	-	4,696,025.2	11,756,476	1.82	-

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: June 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	103,621	61.8	98.7	61.8	-		-	-	-	-	-	-
BAYSIDE CT1A	156	85,904	76.5	100.0	76.5	12,260	GAS	1,031,521	1,021,000	1,053,182.6	2,614,060	3.04	2.53
BAYSIDE CT1B	156	58,226	51.8	100.0	78.1	12,162	GAS	693,559	1,021,000	708,124.2	1,757,602	3.02	2.53
BAYSIDE CT1C	156	42,467	37.8	96.2	77.4	11,912	GAS	495,443	1,021,000	505,846.8	1,255,543	2.96	2.53
BAYSIDE UNIT 1 TOTAL	701	290,218	57.5	98.7	57.5	7,812	GAS	2,220,523	1,021,000	2,267,153.7	5,627,205	1.94	2.53
BAYSIDE ST 2	305	154,276	70.2	97.9	70.2	-		-	-	-	-	-	-
BAYSIDE CT2A	156	86,414	76.9	100.0	78.9	11,815	GAS	999,961	1,021,000	1,020,959.8	2,534,080	2.93	2.53
BAYSIDE CT2B	156	67,032	59.6	97.4	78.1	11,825	GAS	776,375	1,021,000	792,678.6	1,967,474	2.94	2.53
BAYSIDE CT2C	156	56,551	50.3	97.1	79.2	12,084	GAS	669,306	1,021,000	683,361.0	1,696,141	3.00	2.53
BAYSIDE CT2D	156	67,077	59.6	96.7	78.1	12,098	GAS	794,790	1,021,000	811,480.6	2,014,140	3.00	2.53
BAYSIDE UNIT 2 TOTAL	929	431,350	64.4	97.8	64.4	7,670	GAS	3,240,432	1,021,000	3,308,479.9	8,211,835	1.90	2.53
BAYSIDE UNIT 3 TOTAL	56	537	1.3	67.6	92.6	10,814	GAS	5,688	1,021,000	5,807.0	14,413	2.68	2.53
BAYSIDE UNIT 4 TOTAL	56	255	0.6	72.4	82.6	11,338	GAS	2,832	1,021,000	2,891.3	7,176	2.81	2.53
BAYSIDE UNIT 5 TOTAL	56	710	1.8	94.3	87.3	12,865	GAS	8,946	1,021,000	9,134.0	22,671	3.19	2.53
BAYSIDE UNIT 6 TOTAL	56	722	1.8	95.9	91.2	10,704	GAS	7,569	1,021,000	7,728.0	19,182	2.66	2.53
BAYSIDE STATION TOTAL	1,854	723,792	54.2	96.3	54.2	7,739	GAS	5,485,989	1,021,000	5,601,193.8	13,902,482	1.92	2.53
SYSTEM	4,897	1,694,408	48.0	79.2	53.4	7,614	-	-	-	12,901,858.4	32,535,096	1.92	-

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⁾ Includes May 2020 adjustment to as burned fuel cost of \$4.74 to Polk 2 and \$610.66 to Polk 3.

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JULY 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.3	290	2.0	-	2.0	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	4,290	384.4	-	384.4	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	16,400	31.4	-	31.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	17,010	30.8	-	30.8	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	17,370	31.4	-	31.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	13,690	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	12,500	30.7	-	30.7	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,520	30.6	-	30.6	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	10,850	29.5	-	29.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	16,420	29.5	-	29.5	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	17,400	31.5	-	31.5	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	592.4	135,030	30.6	-	30.6	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	5,320	2.1	84.2	43.5	13,077	GAS	67,670	1,028,077	69,570.0	219,999	4.14	3.25
16. B.B.#3 (GAS)	345	19,630	7.6	-	-	-	GAS	222,650	1,028,026	228,890.0	723,848	3.69	3.25
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	19,630	6.7	88.0	51.8	11,660	-	-	-	228,890.0	723,848	3.69	-
19. B.B.#4 (GAS)	155	5,490	4.8	-	-	-	GAS	68,490	1,028,033	70,410.0	222,665	4.06	3.25
20. B.B.#4 (COAL)	422	104,340	33.2	-	-	-	COAL	59,450	22,501,598	1,337,720.0	4,219,114	4.04	70.97
21. BIG BEND #4 TOTAL	422	109,830	35.0	86.7	40.3	12,821	-	-	-	1,408,130.0	4,441,779	4.04	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	10,850	-	11,160.0	35,274	-	3.25
23. B.B.C.T.#4 TOTAL	56	270	0.6	98.2	96.4	11,444	GAS	3,010	1,026,578	3,090.0	9,786	3.62	3.25
24. BIG BEND STATION TOTAL	1,213	135,050	15.0	86.9	41.8	12,660	-	-	-	1,709,680.0	5,430,686	4.02	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	26,300	16.8	-	82.4	8,879	GAS	227,160	1,027,954	233,510.0	738,510	2.81	3.25
27. POLK #1 TOTAL	220	26,300	16.1	94.2	82.4	8,879	-	-	-	233,510.0	738,510	2.81	-
28. POLK #2 ST DUCT FIRING	120	10,820	12.1	-	67.8	8,273	GAS	87,070	1,028,023	89,510.0	283,070	2.62	3.25
29. POLK #2 ST W/O DUCT FIRING	341	655,123	-	-	-	-	GAS	4,396,675	1,028,020	4,519,871.4	14,293,847	2.18	3.25
30. POLK #2 ST TOTAL	461	665,943	194.2	-	166.6	6,922	GAS	-	-	4,609,381.4	14,576,917	2.19	-
31. POLK #2 CT (GAS)	150	1,440	1.3	-	96.0	10,854	GAS	15,200	1,028,289	15,630.0	49,417	3.43	3.25
32. POLK #2 CT (OIL)	159	1,329	1.1	-	10.6	10,996	LGT OIL	2,493	5,862,134	14,614.3	336,794	25.34	135.10
33. POLK #2 TOTAL ⁽⁴⁾	150	2,769	2.5	-	19.7	10,922	-	-	-	30,244.3	386,211	13.95	-
34. POLK #3 CT (GAS)	150	1,440	1.3	-	96.0	10,854	GAS	15,200	1,028,289	15,630.0	49,416	3.43	3.25
35. POLK #3 CT (OIL)	159	1,329	1.1	-	94.4	10,996	LGT OIL	2,493	5,862,134	14,614.3	336,794	25.34	135.10
36. POLK #3 TOTAL ⁽⁴⁾	150	2,769	2.5	-	95.2	10,922	-	-	-	30,244.3	386,210	13.95	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	1,440	1.3	-	96.0	10,854	GAS	15,200	1,028,289	15,630.0	49,416	3.43	3.25
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	900	0.8	-	100.0	10,689	GAS	9,350	1,028,877	9,620.0	30,397	3.38	3.25
39. POLK #2 CC TOTAL	1,061	673,821	85.4	97.5	151.0	6,968	-	-	-	4,695,120.0	15,429,151	2.29	-
40. POLK STATION TOTAL	1,281	700,121	73.5	96.9	141.8	7,040	-	-	-	4,928,630.0	16,167,661	2.31	-
41. BAYSIDE #1	720	410,980	76.7	97.2	78.7	7,325	GAS	2,928,550	1,028,000	3,010,550.0	9,520,887	2.32	3.25
42. BAYSIDE #2	954	398,470	57.6	97.4	57.6	7,550	GAS	2,926,580	1,027,995	3,008,510.0	9,514,482	2.39	3.25
43. BAYSIDE #3	56	580	1.4	98.6	86.3	11,948	GAS	6,730	1,029,718	6,930.0	21,880	3.77	3.25
44. BAYSIDE #4	56	440	1.1	98.6	87.3	11,932	GAS	5,100	1,029,412	5,250.0	16,580	3.77	3.25
45. BAYSIDE #5	56	530	1.3	76.3	86.0	12,057	GAS	6,220	1,027,331	6,390.0	20,222	3.82	3.25
46. BAYSIDE #6	56	420	1.0	54.1	83.3	12,310	GAS	5,030	1,027,833	5,170.0	16,353	3.89	3.25
47. BAYSIDE STATION TOTAL	1,898	811,420	57.5	95.5	66.7	7,447	GAS	5,878,210	1,028,000	6,042,800.0	19,110,404	2.36	3.25
48. SYSTEM TOTAL	4,984	1,781,621	48.0	82.4	95.9	7,118	-	-	-	12,681,110.0	40,708,751	2.28	-

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: AUGUST 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽¹⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.3	270	1.9	-	1.9	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	4,210	377.2	-	377.2	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	15,830	30.4	-	30.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	16,410	29.7	-	29.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	16,780	30.4	-	30.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	13,220	29.2	-	29.2	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	12,080	29.6	-	29.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,380	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	10,470	28.5	-	28.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	15,920	28.6	-	28.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	16,840	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	592.4	130,700	29.7	-	29.7	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	12,780	5.1	84.2	39.2	13,549	GAS	168,440	1,028,022	173,160.0	563,844	4.41	3.35
16. B.B.#3 (GAS)	345	27,840	10.8	-	-	-	GAS	320,370	1,027,999	329,340.0	1,072,422	3.85	3.35
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	27,840	9.5	88.0	48.9	11,830	-	-	-	329,340.0	1,072,422	3.85	-
19. B.B.#4 (GAS)	155	5,690	4.9	-	-	-	GAS	70,200	1,028,063	72,170.0	234,991	4.13	3.35
20. B.B.#4 (COAL)	422	108,120	34.4	-	-	-	COAL	80,940	22,500,328	1,371,170.0	4,312,681	3.99	70.77
21. BIG BEND #4 TOTAL	422	113,810	36.2	86.7	41.7	12,682	-	-	-	1,443,340.0	4,547,672	4.00	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	20,870	-	21,450.0	69,861	-	3.35
23. B.B.C.T.#4 TOTAL	56	1,340	3.2	98.2	82.5	11,799	GAS	15,380	1,027,958	15,810.0	51,484	3.84	3.35
24. BIG BEND STATION TOTAL	1,213	155,770	17.3	86.9	42.8	12,593	-	-	-	1,961,650.0	6,305,283	4.05	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	29,690	19.0	-	83.2	8,862	GAS	255,950	1,027,974	263,110.0	856,779	2.89	3.35
27. POLK #1 TOTAL	220	29,690	18.1	94.2	83.2	8,862	-	-	-	263,110.0	856,779	2.89	-
28. POLK #2 ST DUCT FIRING	120	11,520	12.9	-	71.6	8,271	GAS	92,680	1,028,054	95,280.0	310,241	2.69	3.35
29. POLK #2 ST W/O DUCT FIRING	341	648,973	-	-	-	-	GAS	4,356,285	1,028,021	4,478,351.4	14,582,438	2.25	3.35
30. POLK #2 ST TOTAL	461	660,493	192.6	-	165.1	6,925	GAS	-	-	4,573,631.4	14,892,679	2.25	-
31. POLK #2 CT (GAS)	150	1,350	1.2	-	100.0	10,674	GAS	14,020	1,027,817	14,410.0	46,932	3.48	3.35
32. POLK #2 CT (OIL)	159	1,329	1.1	-	10.1	10,996	LGT OIL	2,493	5,862,134	14,614.3	304,333	22.90	122.07
33. POLK #2 TOTAL ⁽⁴⁾	150	2,679	2.4	-	18.5	10,834	-	-	-	29,024.3	351,265	13.11	-
34. POLK #3 CT (GAS)	150	1,500	1.3	-	100.0	10,733	GAS	15,660	1,028,097	16,100.0	52,421	3.49	3.35
35. POLK #3 CT (OIL)	159	1,329	1.1	-	94.4	10,996	LGT OIL	2,493	5,862,134	14,614.3	304,332	22.90	122.07
36. POLK #3 TOTAL ⁽⁴⁾	150	2,829	2.5	-	97.3	10,857	-	-	-	30,714.3	356,753	12.61	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	1,500	1.3	-	100.0	10,727	GAS	15,660	1,027,458	16,090.0	52,421	3.49	3.35
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	830	0.7	-	92.2	11,024	GAS	8,900	1,028,090	9,150.0	29,792	3.59	3.35
39. POLK #2 CC TOTAL	1,061	668,331	84.7	97.5	149.1	6,971	-	-	-	4,658,610.0	15,682,910	2.35	-
40. POLK STATION TOTAL	1,281	698,021	73.2	96.9	139.5	7,051	-	-	-	4,921,720.0	16,539,689	2.37	-
41. BAYSIDE #1	720	420,670	78.5	97.2	80.7	7,312	GAS	2,992,160	1,027,996	3,075,930.0	10,016,100	2.38	3.35
42. BAYSIDE #2	954	443,460	62.5	97.4	64.2	7,481	GAS	3,226,960	1,028,005	3,317,330.0	10,802,080	2.44	3.35
43. BAYSIDE #3	56	1,380	3.3	98.6	85.0	11,797	GAS	15,840	1,027,778	16,280.0	53,024	3.84	3.35
44. BAYSIDE #4	56	1,010	2.4	98.6	82.0	11,980	GAS	11,780	1,027,165	12,100.0	39,433	3.90	3.35
45. BAYSIDE #5	56	1,640	3.9	98.6	83.7	11,780	GAS	18,790	1,028,206	19,320.0	62,899	3.84	3.35
46. BAYSIDE #6	56	1,470	3.5	98.6	87.5	11,599	GAS	16,590	1,027,728	17,050.0	55,534	3.78	3.35
47. BAYSIDE STATION TOTAL	1,898	869,630	61.6	97.5	71.4	7,426	GAS	6,282,120	1,027,999	6,458,010.0	21,029,070	2.42	3.35
48. SYSTEM TOTAL	4,984	1,854,121	50.0	83.2	97.3	7,196	-	-	-	13,341,380.0	43,874,042	2.37	-

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: SEPTEMBER 2020

(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	22.6	-	22.6	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.3	220	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	3,500	324.1	-	324.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,770	27.3	-	27.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	14,270	26.7	-	26.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	14,430	27.0	-	27.0	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	11,490	26.2	-	26.2	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	10,510	26.6	-	26.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	6,780	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	9,100	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	13,780	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	14,480	27.1	-	27.1	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	1.6	112,590	9773.4	-	9,773.4	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	12,040	4.9	84.2	36.5	13,900	GAS	162,800	1,028,010	167,360.0	556,896	4.63	3.42
16. B.B.#3 (GAS)	345	33,600	13.5	-	-	-	GAS	382,210	1,027,995	392,910.0	1,307,439	3.89	3.42
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	33,600	11.8	88.0	51.2	11,694	-	-	-	392,910.0	1,307,439	3.89	-
19. B.B.#4 (GAS)	155	5,670	5.1	-	-	-	GAS	69,320	1,027,986	71,260.0	237,125	4.18	3.42
20. B.B.#4 (COAL)	422	107,800	35.5	-	-	-	COAL	60,180	22,499,501	1,354,020.0	4,246,528	3.94	70.56
21. BIG BEND #4 TOTAL	422	113,470	37.3	86.7	43.0	12,561	-	-	-	1,425,280.0	4,483,653	3.95	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	22,960	-	23,600.0	78,540	-	3.42
23. B.B.C.T.#4 TOTAL	56	1,000	2.5	98.2	99.2	11,410	GAS	11,100	1,027,928	11,410.0	37,970	3.80	3.42
24. BIG BEND STATION TOTAL	1,213	160,110	18.3	86.9	44.1	12,472	-	-	-	1,996,960.0	6,464,498	4.04	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	35,170	23.3	-	84.2	8,844	GAS	302,570	1,028,027	311,050.0	1,035,011	2.94	3.42
27. POLK #1 TOTAL	220	35,170	22.2	94.2	84.2	8,844	-	-	-	311,050.0	1,035,011	2.94	-
28. POLK #2 ST DUCT FIRING	120	13,230	15.3	-	62.6	8,271	GAS	106,440	1,028,091	109,430.0	364,103	2.75	3.42
29. POLK #2 ST W/O DUCT FIRING	341	486,529	-	-	-	-	GAS	3,262,864	1,028,025	3,354,304.3	11,161,390	2.29	3.42
30. POLK #2 ST TOTAL	461	499,759	150.6	-	122.4	6,931	GAS	-	-	3,463,734.3	11,525,493	2.31	-
31. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
32. POLK #2 CT (OIL)	159	1,286	1.1	-	9.4	10,998	LGT OIL	2,412	5,863,557	14,142.9	269,689	20.97	111.81
33. POLK #2 TOTAL ⁽⁴⁾	150	1,286	1.2	-	9.4	10,998	-	-	-	14,142.9	269,689	20.97	-
34. POLK #3 CT (GAS)	150	1,500	1.4	-	100.0	10,727	GAS	15,660	1,027,458	16,090.0	53,569	3.57	3.42
35. POLK #3 CT (OIL)	159	1,286	1.1	-	94.4	10,998	LGT OIL	2,412	5,863,557	14,142.9	269,689	20.97	111.81
36. POLK #3 TOTAL ⁽⁴⁾	150	2,786	2.6	-	97.3	10,852	-	-	-	30,232.9	323,258	11.60	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	1,500	1.4	-	100.0	10,727	GAS	15,660	1,027,458	16,090.0	53,569	3.57	3.42
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	1,350	1.3	-	100.0	10,733	GAS	14,100	1,027,660	14,490.0	48,232	3.57	3.42
39. POLK #2 CC TOTAL	1,061	506,681	66.3	97.5	111.8	6,984	-	-	-	3,538,690.1	12,220,241	2.41	-
40. POLK STATION TOTAL	1,281	541,851	58.7	96.9	107.3	7,105	-	-	-	3,849,740.1	13,255,252	2.45	-
41. BAYSIDE #1	720	413,940	79.8	97.2	82.1	7,306	GAS	2,942,000	1,027,998	3,024,370.0	10,063,800	2.43	3.42
42. BAYSIDE #2	954	449,550	65.4	97.4	67.2	7,454	GAS	3,259,620	1,027,997	3,350,880.0	11,150,293	2.48	3.42
43. BAYSIDE #3	56	1,260	3.1	98.6	83.3	11,968	GAS	14,680	1,027,248	15,080.0	50,216	3.99	3.42
44. BAYSIDE #4	56	1,120	2.8	98.6	87.0	11,884	GAS	12,940	1,028,594	13,310.0	44,264	3.95	3.42
45. BAYSIDE #5	56	1,810	4.5	98.6	87.4	11,740	GAS	20,680	1,027,563	21,250.0	70,741	3.91	3.42
46. BAYSIDE #6	56	1,660	4.1	98.6	87.2	11,771	GAS	19,000	1,028,421	19,540.0	64,994	3.92	3.42
47. BAYSIDE STATION TOTAL	1,898	869,340	63.6	97.5	73.7	7,413	GAS	6,268,920	1,027,997	6,444,430.0	21,444,308	2.47	3.42
48. SYSTEM TOTAL	4,394	1,683,891	53.2	94.4	90.1	7,299	-	-	-	12,291,130.1	41,164,058	2.44	-

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: OCTOBER 2020

(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	19.3	230	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	3,620	324.4	-	324.4	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,610	26.1	-	26.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	14,110	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	14,090	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	11,340	25.1	-	25.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	10,380	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	7,160	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	8,990	24.5	-	24.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	14,310	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	14,140	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	592.4	112,270	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	31,010	12.3	84.2	41.8	13,243	GAS	399,490	1,028,011	410,680.0	1,391,660	4.49	3.48
16. B.B.#3 (GAS)	345	47,060	18.3	-	-	-	GAS	540,640	1,028,004	555,780.0	1,883,369	4.00	3.48
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	47,060	16.0	82.3	49.2	11,810	-	-	-	555,780.0	1,883,369	4.00	-
19. B.B.#4 (GAS)	155	2,640	2.3	-	-	-	GAS	33,310	1,027,920	34,240.0	116,038	4.40	3.48
20. B.B.#4 (COAL)	422	50,220	16.0	-	-	-	COAL	28,920	22,497,234	650,620.0	2,034,424	4.05	70.35
21. BIG BEND #4 TOTAL	422	52,860	16.8	86.7	39.0	12,956	-	-	-	684,860.0	2,150,462	4.07	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	50,930	-	52,350.0	177,419	-	3.48
23. B.B.C.T.#4 TOTAL	56	1,520	3.6	98.2	59.0	13,217	GAS	19,550	1,027,621	20,090.0	68,104	4.48	3.48
24. BIG BEND STATION TOTAL	1,213	132,450	14.7	85.1	43.0	12,619	-	-	-	1,671,410.0	5,671,014	4.28	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	25,210	16.1	-	83.9	8,846	GAS	216,950	1,027,933	223,010.0	755,765	3.00	3.48
27. POLK #1 TOTAL	220	25,210	15.4	63.8	83.9	8,846	-	-	-	223,010.0	755,765	3.00	-
28. POLK #2 ST DUCT FIRING	120	15,970	17.9	-	57.4	8,272	GAS	128,510	1,028,013	132,110.0	447,676	2.80	3.48
29. POLK #2 ST W/O DUCT FIRING	341	502,281	-	-	-	-	GAS	3,369,144	1,028,022	3,463,555.7	11,736,717	2.34	3.48
30. POLK #2 ST TOTAL	461	518,251	15.1	-	116.4	6,938	GAS	-	-	3,595,665.7	12,184,393	2.35	-
31. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
32. POLK #2 CT (OIL)	159	1,200	1.0	-	8.4	11,000	LGT OIL	2,251	5,864,060	13,200.0	237,867	19.82	105.67
33. POLK #2 TOTAL ⁽⁴⁾	150	1,200	1.1	-	8.4	11,000	-	-	-	13,200.0	237,867	19.82	-
34. POLK #3 CT (GAS)	150	1,200	1.1	-	80.0	11,383	GAS	13,290	1,027,840	13,660.0	46,297	3.86	3.48
35. POLK #3 CT (OIL)	159	1,329	1.1	-	94.4	10,996	LGT OIL	2,493	5,862,134	14,614.3	263,441	19.82	105.67
36. POLK #3 TOTAL ⁽⁴⁾	150	2,529	2.3	-	87.0	11,180	-	-	-	28,274.3	309,738	12.25	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	610	0.5	-	81.3	11,328	GAS	6,720	1,028,274	6,910.0	23,410	3.84	3.48
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. POLK #2 CC TOTAL	1,061	522,590	66.2	97.5	106.8	6,973	-	-	-	3,644,050.0	12,755,408	2.44	-
40. POLK STATION TOTAL	1,281	547,800	57.5	91.7	104.1	7,059	-	-	-	3,867,060.0	13,511,173	2.47	-
41. BAYSIDE #1	720	326,570	61.0	97.2	62.9	7,432	GAS	2,361,100	1,027,995	2,427,200.0	8,225,105	2.52	3.48
42. BAYSIDE #2	954	403,170	56.8	97.4	58.7	7,540	GAS	2,956,930	1,027,999	3,039,720.0	10,300,733	2.55	3.48
43. BAYSIDE #3	56	3,760	9.0	98.6	72.2	12,399	GAS	45,360	1,027,778	46,620.0	158,016	4.20	3.48
44. BAYSIDE #4	56	2,360	5.7	98.6	66.9	12,754	GAS	29,300	1,027,304	30,100.0	102,069	4.32	3.48
45. BAYSIDE #5	56	4,740	11.4	98.6	71.7	12,414	GAS	57,240	1,027,952	58,840.0	199,401	4.21	3.48
46. BAYSIDE #6	56	4,120	9.9	98.6	72.1	12,449	GAS	49,900	1,027,856	51,290.0	173,831	4.22	3.48
47. BAYSIDE STATION TOTAL	1,898	744,720	52.7	97.5	60.7	7,592	GAS	5,499,830	1,027,990	5,653,770.0	19,159,155	2.57	3.48
48. SYSTEM TOTAL	4,984	1,537,240	41.5	81.4	82.6	7,281	-	-	-	11,192,240.0	38,341,342	2.49	-

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: NOVEMBER 2020

(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	23.4	-	23.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.3	180	1.3	-	1.3	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	2,980	275.9	-	275.9	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	10,170	20.1	-	20.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	10,540	19.7	-	19.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	12,070	22.6	-	22.6	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	8,450	19.3	-	19.3	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	7,740	19.6	-	19.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	6,060	22.5	-	22.5	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	6,730	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	11,830	22.0	-	22.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	12,120	22.7	-	22.7	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	592.4	89,140	20.9	-	20.9	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	36,710	15.0	84.2	38.3	13,670	GAS	488,160	1,028,003	501,830.0	1,843,787	5.02	3.78
16. B.B.#3 (GAS)	345	63,370	25.5	-	-	-	GAS	732,210	1,027,997	752,710.0	2,765,567	4.36	3.78
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	63,370	22.3	64.5	48.3	11,878	-	-	-	752,710.0	2,765,567	4.36	-
19. B.B.#4 (GAS)	155	2,090	1.9	-	-	-	GAS	26,330	1,027,725	27,060.0	99,449	4.76	3.78
20. B.B.#4 (COAL)	422	39,880	13.1	-	-	-	COAL	22,850	22,503,282	514,200.0	1,618,459	4.08	70.83
21. BIG BEND #4 TOTAL	422	41,770	13.7	83.8	39.0	12,958	-	-	-	541,260.0	1,717,908	4.11	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	45,090	-	46,350.0	170,305	-	3.78
23. B.B.C.T.#4 TOTAL	56	1,450	3.6	98.2	41.1	15,200	GAS	21,440	1,027,985	22,040.0	80,979	5.58	3.78
24. BIG BEND STATION TOTAL	1,213	143,300	16.4	78.3	42.4	12,686	-	-	-	1,817,840.0	6,578,545	4.59	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	90,440	59.8	-	83.5	8,744	GAS	769,250	1,028,001	790,790.0	2,905,467	3.21	3.78
27. POLK #1 TOTAL	220	90,440	57.1	94.2	83.5	8,744	-	-	-	790,790.0	2,905,467	3.21	-
28. POLK #2 ST DUCT FIRING	120	17,350	20.1	-	67.2	8,271	GAS	139,600	1,028,009	143,510.0	527,271	3.04	3.78
29. POLK #2 ST W/O DUCT FIRING	341	428,540	-	-	-	-	GAS	2,880,564	1,028,024	2,961,290.0	10,879,926	2.54	3.78
30. POLK #2 ST TOTAL	461	445,890	134.3	-	119.9	6,963	GAS	-	-	3,104,800.0	11,407,197	2.56	-
31. POLK #2 CT (GAS)	150	13,790	12.8	-	76.0	11,588	GAS	155,440	1,028,049	159,800.0	587,098	4.26	3.78
32. POLK #2 CT (OIL)	159	1,114	1.0	-	7.6	11,003	LGT OIL	2,091	5,861,836	12,257.1	211,374	18.97	101.09
33. POLK #2 TOTAL ⁽⁴⁾	150	14,904	13.8	-	45.5	11,544	-	-	-	172,057.1	798,472	5.36	-
34. POLK #3 CT (GAS)	150	10,320	9.6	-	78.2	11,508	GAS	115,520	1,028,047	118,760.0	436,320	4.23	3.78
35. POLK #3 CT (OIL)	159	986	0.9	-	94.4	10,997	LGT OIL	1,849	5,864,197	10,842.9	186,912	18.96	101.09
36. POLK #3 TOTAL ⁽⁴⁾	150	11,306	10.5	-	79.4	11,463	-	-	-	129,602.9	623,232	5.51	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	3,400	3.1	-	87.2	11,247	GAS	37,200	1,027,957	38,240.0	140,505	4.13	3.78
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	130	0.1	-	86.7	11,846	GAS	1,500	1,026,667	1,540.0	5,666	4.36	3.78
39. POLK #2 CC TOTAL	1,061	475,630	62.3	89.4	101.9	7,246	-	-	-	3,446,240.0	12,975,072	2.73	-
40. POLK STATION TOTAL	1,281	566,070	61.4	90.2	96.1	7,485	-	-	-	4,237,030.0	15,880,539	2.81	-
41. BAYSIDE #1	720	273,430	52.7	94.0	56.0	7,504	GAS	1,996,060	1,027,995	2,051,940.0	7,539,143	2.76	3.78
42. BAYSIDE #2	954	199,690	29.1	52.0	56.0	7,566	GAS	1,469,640	1,027,993	1,510,780.0	5,550,849	2.78	3.78
43. BAYSIDE #3	56	3,410	8.5	98.6	57.4	13,267	GAS	44,010	1,027,948	45,240.0	166,226	4.87	3.78
44. BAYSIDE #4	56	3,280	8.1	98.6	58.6	13,104	GAS	41,810	1,027,984	42,980.0	157,917	4.81	3.78
45. BAYSIDE #5	56	5,730	14.2	98.6	67.3	12,522	GAS	69,800	1,027,937	71,750.0	263,635	4.60	3.78
46. BAYSIDE #6	56	4,720	11.7	98.6	66.4	12,555	GAS	57,640	1,028,105	59,260.0	217,707	4.61	3.78
47. BAYSIDE STATION TOTAL	1,898	490,260	35.9	73.4	56.2	7,714	GAS	3,678,960	1,027,994	3,781,950.0	13,895,477	2.83	3.78
48. SYSTEM TOTAL	4,984	1,288,770	35.9	70.2	80.5	7,633	-	-	-	9,836,820.0	36,354,561	2.82	-

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 2020

(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	19.3	160	1.1	-	1.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	2,710	242.8	-	242.8	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	8,540	16.4	-	16.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	8,840	16.0	-	16.0	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	10,460	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	7,100	15.7	-	15.7	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	6,510	16.0	-	16.0	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	5,080	18.3	-	18.3	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	5,650	15.4	-	15.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	10,550	19.0	-	19.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	10,530	19.0	-	19.0	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	592.4	76,390	17.3	-	17.3	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	350	10,640	4.1	84.2	40.5	13,170	GAS	136,310	1,028,024	140,130.0	553,144	5.20	4.06
16. B.B.#3 (GAS)	355	15,290	5.8	-	-	-	GAS	172,530	1,028,053	177,370.0	700,124	4.58	4.06
17. B.B.#3 (COAL)	400	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	400	15,290	5.1	88.0	50.3	11,600	-	-	-	177,370.0	700,124	4.58	-
19. B.B.#4 (GAS)	160	3,950	3.3	-	-	-	GAS	48,660	1,027,744	50,010.0	197,462	5.00	4.06
20. B.B.#4 (COAL)	432	75,210	23.4	-	-	-	COAL	42,230	22,502,250	950,270.0	2,970,432	3.95	70.34
21. BIG BEND #4 TOTAL	432	79,160	24.6	61.5	39.9	12,636	-	-	-	1,000,280.0	3,167,894	4.00	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	17,950	-	18,450.0	72,841	-	4.06
23. B.B.C.T.#4 TOTAL	61	1,110	2.4	98.2	82.7	11,541	GAS	12,460	1,028,090	12,810.0	50,562	4.56	4.06
24. BIG BEND STATION TOTAL	1,243	106,200	11.5	78.2	41.4	12,529	-	-	-	1,330,590.0	4,544,565	4.28	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	240	41,510	23.2	-	74.6	8,833	GAS	356,650	1,028,011	366,640.0	1,447,280	3.49	4.06
27. POLK #1 TOTAL	220	41,510	25.4	94.2	74.6	8,833	-	-	-	366,640.0	1,447,280	3.49	-
28. POLK #2 ST DUCT FIRING	120	10,730	12.0	-	79.1	8,171	GAS	85,280	1,028,025	87,670.0	346,065	3.23	4.06
29. POLK #2 ST W/O DUCT FIRING	360	730,373	-	-	-	-	GAS	4,918,775	1,028,016	5,056,581.4	19,960,310	2.73	4.06
30. POLK #2 ST TOTAL	480	741,103	207.5	-	182.3	6,941	GAS	-	-	5,144,251.4	20,306,375	2.74	-
31. POLK #2 CT (GAS)	180	1,310	1.0	-	80.9	10,962	GAS	13,970	1,027,917	14,360.0	56,690	4.33	4.06
32. POLK #2 CT (OIL)	187	1,329	1.0	-	7.6	10,996	LGT OIL	2,493	5,862,134	14,614.3	239,222	18.00	95.96
33. POLK #2 TOTAL ⁽⁴⁾	180	2,639	2.0	-	13.8	10,979	-	-	-	28,974.3	295,912	11.21	-
34. POLK #3 CT (GAS)	180	1,130	0.8	-	78.5	11,035	GAS	12,120	1,028,878	12,470.0	49,183	4.35	4.06
35. POLK #3 CT (OIL)	187	1,329	1.0	-	80.2	10,996	LGT OIL	2,493	5,862,134	14,614.3	239,222	18.00	95.96
36. POLK #3 TOTAL ⁽⁴⁾	180	2,459	1.8	-	79.4	11,014	-	-	-	27,084.3	288,405	11.73	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. POLK #2 CC TOTAL	1,200	746,201	83.6	97.5	162.6	6,969	-	-	-	5,200,310.0	20,890,692	2.80	-
40. POLK STATION TOTAL	1,420	787,711	74.6	97.0	145.5	7,067	-	-	-	5,566,950.0	22,337,972	2.84	-
41. BAYSIDE #1	792	165,710	28.1	56.4	52.0	7,390	GAS	1,191,290	1,028,003	1,224,650.0	4,834,236	2.92	4.06
42. BAYSIDE #2	1,047	354,260	45.5	97.4	46.7	7,589	GAS	2,615,350	1,027,996	2,688,570.0	10,613,048	3.00	4.06
43. BAYSIDE #3	61	1,320	2.9	98.6	90.2	11,379	GAS	14,610	1,028,063	15,020.0	59,287	4.49	4.06
44. BAYSIDE #4	61	1,130	2.5	98.6	88.2	11,336	GAS	12,480	1,026,442	12,810.0	50,644	4.48	4.06
45. BAYSIDE #5	61	1,600	3.5	98.6	93.7	11,238	GAS	17,490	1,028,016	17,980.0	70,974	4.44	4.06
46. BAYSIDE #6	61	1,380	3.0	98.6	90.5	11,312	GAS	15,180	1,028,327	15,610.0	61,600	4.46	4.06
47. BAYSIDE STATION TOTAL	2,983	525,400	33.9	82.0	48.5	7,565	GAS	3,866,400	1,027,995	3,974,640.0	15,689,789	2.99	4.06
48. SYSTEM TOTAL	5,338	1,495,701	37.7	76.0	88.5	7,269	-	-	-	10,872,180.0	42,572,326	2.85	-

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⁽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 2020 THROUGH JUNE 2020

SCHEDULE E5

	ACTUAL					
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
HEAVY OIL						
1. PURCHASES:						
2. UNITS (BBL)	0	0	0	0	0	0
3. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT (\$)	0	0	0	0	0	0
5. BURNED:						
6. UNITS (BBL)	0	0	0	0	0	0
7. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT (\$)	0	0	0	0	0	0
9. ENDING INVENTORY:						
10. UNITS (BBL)	0	0	0	0	0	0
11. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT (\$)	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0
LIGHT OIL						
14. PURCHASES:						
15. UNITS (BBL)	0	0	0	0	0	0
16. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
17. AMOUNT (\$)	0	0	0	0	0	0
18. BURNED:						
19. UNITS (BBL)	0	0	0	0	440	759
20. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	127.57	147.10
21. AMOUNT (\$)	0	0	0	0	56,132	111,650
22. ENDING INVENTORY:						
23. UNITS (BBL)	42,562	42,562	42,562	42,562	42,122	41,363
24. UNIT COST (\$/BBL)	127.48	127.48	127.48	127.48	127.48	146.37
25. AMOUNT (\$)	5,425,905	5,425,905	5,425,905	5,425,905	5,369,773	6,054,446
26. DAYS SUPPLY: NORMAL						
27. DAYS SUPPLY: EMERGENCY	577	577	575	575	569	629
	6	6	6	6	6	6
COAL						
28. PURCHASES:						
29. UNITS (TONS)	2,587	0	0	31,857	93,606	29,583
30. UNIT COST (\$/TON)	2.57	0.00	0.00	54.84	64.82	43.35
31. AMOUNT (\$)	6,638	0	0	1,746,915	6,067,639	1,282,474
32. BURNED:						
33. UNITS (TONS)	82,330	0	(2,255)	0	0	41,559
34. UNIT COST (\$/TON)	72.60	0.00	(558.15)	0.00	0.00	63.66
35. AMOUNT (\$)	5,976,802	1,044,084	1,258,618	355,640	354,196	2,645,478
36. ENDING INVENTORY:						
37. UNITS (TONS)	222,715	204,744	202,284	229,426	323,032	311,056
38. UNIT COST (\$/TON)	70.88	70.66	70.67	69.92	68.44	67.04
39. AMOUNT (\$)	15,787,080	14,468,163	14,294,650	16,041,565	22,109,205	20,853,607
40. DAYS SUPPLY:	306	1,276	1,495	516	299	154
NATURAL GAS						
41. PURCHASES:						
42. UNITS (MCF)	10,059,170	10,089,027	11,700,794	9,480,797	9,390,550	11,735,665
43. UNIT COST (\$/MCF)	3.03	2.68	2.57	2.64	2.90	2.53
44. AMOUNT (\$)	30,489,600	27,050,486	30,063,433	25,011,657	27,269,278	29,710,904
45. BURNED:						
46. UNITS (MCF)	10,057,418	10,067,881	11,701,767	9,429,039	9,453,126	11,750,533
47. UNIT COST (\$/MCF)	3.03	2.68	2.57	2.67	2.89	2.53
48. AMOUNT (\$)	30,456,415	27,009,533	30,120,929	25,136,658	27,297,597	29,777,968
49. ENDING INVENTORY:						
50. UNITS (MCF)	375,375	396,521	395,548	447,306	384,730	369,862
51. UNIT COST (\$/MCF)	2.65	2.61	2.47	1.91	2.15	2.05
52. AMOUNT (\$)	995,349	1,036,302	978,806	853,805	825,486	758,422
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 ADJUSTMENT (3) GAS-IGNITION AND ADDITIVES

TAMPA ELECTRIC COMPANY
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
 ESTIMATED FOR THE PERIOD: JULY 2020 THROUGH DECEMBER 2020

SCHEDULE E5

	Jul-20	Aug-20	Estimated Sep-20	Oct-20	Nov-20	Dec-20	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)	4,985	6,885	6,724	4,744	3,940	4,985	32,263
16. UNIT COST (\$/BBL)	41.75	43.86	45.59	47.31	48.56	49.62	45.86
17. AMOUNT (\$)	208,114	301,970	306,533	224,449	191,323	247,344	1,479,733
18. BURNED:							
19. UNITS (BBL)	4,986	4,986	4,824	4,744	3,940	4,986	29,665
20. UNIT COST (\$/BBL)	135.10	122.07	111.81	105.67	101.09	95.96	113.52
21. AMOUNT (\$)	673,588	608,665	539,378	501,308	398,286	478,444	3,367,451
22. ENDING INVENTORY:							
23. UNITS (BBL)	41,363	43,263	45,163	45,163	45,163	45,163	45,163
24. UNIT COST (\$/BBL)	135.12	122.10	111.80	105.67	101.09	95.97	95.97
25. AMOUNT (\$)	5,588,972	5,282,277	5,049,432	4,772,574	4,565,611	4,334,511	4,334,511
26. DAYS SUPPLY: NORMAL	292	305	319	319	331	334	-
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	6	6	-
COAL							
28. PURCHASES:							
29. UNITS (TONS)	57,017	15,000	15,000	15,000	30,000	30,000	319,650
30. UNIT COST (\$/TON)	59.27	59.27	59.27	59.27	59.27	59.27	58.52
31. AMOUNT (\$)	3,379,626	889,110	889,110	889,110	1,778,220	1,778,220	18,707,062
32. BURNED:							
33. UNITS (TONS)	59,450	60,940	60,180	28,920	22,850	42,230	396,204
34. UNIT COST (\$/TON)	70.97	70.77	70.56	70.35	70.83	70.34	78.33
35. AMOUNT (\$)	4,219,114	4,312,681	4,246,528	2,034,424	1,618,459	2,970,432	31,036,456
36. ENDING INVENTORY:							
37. UNITS (TONS)	308,623	262,683	217,503	203,583	210,733	198,503	198,503
38. UNIT COST (\$/TON)	66.31	66.63	67.13	67.17	66.47	66.17	66.17
39. AMOUNT (\$)	20,464,196	17,501,982	14,600,168	13,673,798	14,006,549	13,134,047	13,134,047
40. DAYS SUPPLY:	157	161	177	199	154	113	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	11,035,978	11,636,535	10,634,604	10,278,364	8,993,988	9,641,105	124,676,577
43. UNIT COST (\$/MCF)	3.26	3.35	3.42	3.49	3.80	4.07	3.13
44. AMOUNT (\$)	35,932,027	38,993,496	36,399,752	35,840,810	34,164,416	39,217,050	390,142,909
45. BURNED:							
46. UNITS (MCF)	11,016,735	11,636,535	10,634,604	10,278,364	9,091,264	9,641,105	124,758,371
47. UNIT COST (\$/MCF)	3.25	3.35	3.42	3.48	3.78	4.06	3.13
48. AMOUNT (\$)	35,816,049	38,952,696	36,378,152	35,805,610	34,337,816	39,123,450	390,212,873
49. ENDING INVENTORY:							
50. UNITS (MCF)	389,105	389,105	389,105	389,105	291,829	291,829	291,829
51. UNIT COST (\$/MCF)	2.25	2.35	2.41	2.50	2.74	3.06	3.06
52. AMOUNT (\$)	874,400	915,200	936,800	972,000	798,600	892,200	892,200
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	0

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

TAMPA ELECTRIC COMPANY
 POWER SOLD
 ACTUAL FOR THE PERIOD: JANUARY 2020 THROUGH JUNE 2020

SCHEDULE E6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
MONTH	SOLD TO	TYPE & SCHEDULE	MWH		MWH FROM OWN GENERATION	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST	GAINS ON MARKET BASED SALES	
			TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS		(A) FUEL COST	(B) TOTAL COST				
ACTUAL											
Jan-20	SEMINOLE	JURISD.	SCH. - D	3,795.0	0.0	3,795.0	2.121	2.333	80,478.22	88,526.04	4,292.71
	VARIOUS	JURISD.	SCH. - MA	150.0	0.0	150.0	1.409	2.315	2,113.50	3,471.81	1,077.81
	TOTAL			3,945.0	0.0	3,945.0	2.094	2.332	82,591.72	91,997.85	5,370.52
ACTUAL											
Feb-20	SEMINOLE	JURISD.	SCH. - D	3,830.0	0.0	3,830.0	1.559	1.715	59,722.65	65,694.92	4,843.65
	VARIOUS	JURISD.	SCH. - MA	900.0	0.0	900.0	2.019	3.317	18,171.00	29,854.45	10,468.45
	TOTAL			4,730.0	0.0	4,730.0	1.647	2.020	77,893.65	95,549.37	15,312.10
ACTUAL											
Mar-20	SEMINOLE	JURISD.	SCH. - D	3,341.0	0.0	3,341.0	1.441	1.585	48,146.46	52,961.11	3,804.28
	VARIOUS	JURISD.	SCH. - MA	9,946.0	0.0	9,946.0	1.581	2.797	157,201.09	278,170.73	100,897.96
	TOTAL			13,287.0	0.0	13,287.0	1.545	2.492	205,347.55	331,131.84	104,702.24
ACTUAL											
Apr-20	SEMINOLE	JURISD.	SCH. - D	2,824.0	0.0	2,824.0	1.099	1.209	31,045.12	34,149.63	2,332.60
	VARIOUS	JURISD.	SCH. - MA	925.0	0.0	925.0	1.285	0.485	11,886.25	4,486.76	(9,151.24)
	TOTAL			3,749.0	0.0	3,749.0	1.145	1.031	42,931.37	38,636.39	(6,818.64)
ACTUAL											
May-20	SEMINOLE	JURISD.	SCH. - D	3,717.0	0.0	3,717.0	1.239	1.363	46,046.98	50,651.68	3,630.47
	VARIOUS	JURISD.	SCH. - MA	225.0	0.0	225.0	1.271	2.678	2,859.15	6,025.15	2,718.85
	TOTAL			3,942.0	0.0	3,942.0	1.241	1.438	48,906.13	56,676.83	6,349.32
ACTUAL											
Jun-20	SEMINOLE	JURISD.	SCH. - D	2,806.0	0.0	2,806.0	1.112	1.223	31,194.10	34,313.51	2,340.92
	VARIOUS	JURISD.	SCH. - MA	1,254.0	0.0	1,254.0	1.334	2.688	16,733.83	33,705.66	14,395.56
	TOTAL			4,060.0	0.0	4,060.0	1.180	1.675	47,927.93	68,019.17	16,736.48

TAMPA ELECTRIC COMPANY
 POWER SOLD
 ESTIMATED FOR THE PERIOD: JULY 2020 THROUGH DECEMBER 2020

SCHEDULE E6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	MWH		CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST	GAINS ON MARKET BASED SALES	
				WHEELED FROM OTHER SYSTEMS	FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST				
ESTIMATED											
Jul-20	SEMINOLE	JURISD.	SCH. - D	2,980.0	0.0	2,980.0	2.067	2.656	61,610.00	79,163.00	4,544.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			2,980.0	0.0	2,980.0	2.067	2.656	61,610.00	79,163.00	4,544.00
ESTIMATED											
Aug-20	SEMINOLE	JURISD.	SCH. - D	2,950.0	0.0	2,950.0	2.115	2.667	62,390.00	78,681.00	4,813.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			2,950.0	0.0	2,950.0	2.115	2.667	62,390.00	78,681.00	4,813.00
ESTIMATED											
Sep-20	SEMINOLE	JURISD.	SCH. - D	2,950.0	0.0	2,950.0	2.216	2.674	65,380.00	78,869.00	5,001.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			2,950.0	0.0	2,950.0	2.216	2.674	65,380.00	78,869.00	5,001.00
ESTIMATED											
Oct-20	SEMINOLE	JURISD.	SCH. - D	2,950.0	0.0	2,950.0	2.321	2.681	68,460.00	79,076.00	5,208.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			2,950.0	0.0	2,950.0	2.321	2.681	68,460.00	79,076.00	5,208.00
ESTIMATED											
Nov-20	SEMINOLE	JURISD.	SCH. - D	2,870.0	0.0	2,870.0	2.357	2.684	67,650.00	77,021.00	5,156.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			2,870.0	0.0	2,870.0	2.357	2.684	67,650.00	77,021.00	5,156.00
ESTIMATED											
Dec-20	SEMINOLE	JURISD.	SCH. - D	2,950.0	0.0	2,950.0	2.428	2.688	71,630.00	79,297.00	5,429.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			2,950.0	0.0	2,950.0	2.428	2.688	71,630.00	79,297.00	5,429.00
TOTAL											
Jan-20	SEMINOLE	JURISD.	SCH. - D	37,963.0	0.0	37,963.0	1.827	2.103	693,753.53	798,403.89	51,395.63
THRU	VARIOUS	JURISD.	SCH. - MA	13,400.0	0.0	13,400.0	1.559	2.655	208,964.82	355,714.56	120,407.39
Dec-20	TOTAL			51,363.0	0.0	51,363.0	1.758	2.247	902,718.35	1,154,118.45	171,803.02

TAMPA ELECTRIC COMPANY
 PURCHASED POWER
 (EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
 ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

SCHEDULE E7
 REVISED 8/12/20

(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-20		VARIOUS VARIOUS TOTAL
ACTUAL	Feb-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 (276.0) (276.0)	0.0 0.0 0.0	0.0 0.0 0.0	0.0 (276.0) (276.0)	0.000 1.383 1.383	0.000 1.383 1.383	0.00 (3,816.90) (3,816.90)
ACTUAL	Mar-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ACTUAL	Apr-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	3,969.0 583.0 4,552.0	0.0 0.0 0.0	0.0 0.0 0.0	3,969.0 583.0 4,552.0	2.630 4.315 2.846	2.630 4.315 2.846	104,402.93 25,158.40 129,561.33
ACTUAL	May-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 1,888.0 1,888.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 1,888.0 1,888.0	0.000 4.160 4.160	0.000 4.160 4.160	0.00 78,533.56 78,533.56
ACTUAL	Jun-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 1,527.0 1,527.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 1,527.0 1,527.0	0.000 4.697 4.697	0.000 4.697 4.697	0.00 71,724.60 71,724.60
ESTIMATED	Jul-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ESTIMATED	Aug-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ESTIMATED	Sep-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ESTIMATED	Oct-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ESTIMATED	Nov-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ESTIMATED	Dec-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	1,533.0 0.0 1,533.0	0.0 0.0 0.0	0.0 0.0 0.0	1,533.0 0.0 1,533.0	3.994 0.000 3.994	3.994 0.000 3.994	61,224.33 0.00 61,224.33
TOTAL	Jan-20 THRU Dec-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	5,502.0 3,818.0 9,320.0	0.0 0.0 0.0	0.0 0.0 0.0	5,502.0 3,818.0 9,320.0	3.010 4.567 3.648	3.010 4.567 3.648	165,627.26 174,367.06 339,994.32

TAMPA ELECTRIC COMPANY
 ENERGY PAYMENT TO QUALIFYING FACILITIES
 ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

SCHEDULE E8

(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	VARIOUS	CO-GEN.							
Jan-20		NET METERING	0.2	0.0	0.0	0.2	2.532	2.532	3.95
		AS AVAIL.	4,103.0	0.0	0.0	4,103.0	2.162	2.162	88,709.94
	TOTAL		4,103.2	0.0	0.0	4,103.2	2.162	2.162	88,713.89
ACTUAL	VARIOUS	CO-GEN.							
Feb-20		NET METERING	2,161.1	0.0	0.0	2,161.1	2.207	2.207	47,698.91
		AS AVAIL.	14,263.0	0.0	0.0	14,263.0	1.708	1.708	243,642.84
	TOTAL		16,424.1	0.0	0.0	16,424.1	1.774	1.774	291,341.75
ACTUAL	VARIOUS	CO-GEN.							
Mar-20		NET METERING	9.6	0.0	0.0	9.6	2.208	2.208	211.43
		AS AVAIL.	10,779.0	0.0	0.0	10,779.0	1.586	1.586	170,966.67
	TOTAL		10,788.6	0.0	0.0	10,788.6	1.587	1.587	171,178.10
ACTUAL	VARIOUS	CO-GEN.							
Apr-20		NET METERING	6.7	0.0	0.0	6.7	2.208	2.208	147.89
		AS AVAIL.	17,373.0	0.0	0.0	17,373.0	1.254	1.254	217,879.36
	TOTAL		17,379.7	0.0	0.0	17,379.7	1.254	1.254	218,027.25
ACTUAL	VARIOUS	CO-GEN.							
May-20		NET METERING	3.7	0.0	0.0	3.7	2.208	2.208	81.49
		AS AVAIL.	8,772.0	0.0	0.0	8,772.0	1.371	1.371	120,254.21
	TOTAL		8,775.7	0.0	0.0	8,775.7	1.371	1.371	120,335.70
ACTUAL	VARIOUS	CO-GEN.							
Jun-20		NET METERING	16.8	0.0	0.0	16.8	2.208	2.208	371.18
		AS AVAIL.	8,124.0	0.0	0.0	8,124.0	1.317	1.317	107,017.28
	TOTAL		8,140.8	0.0	0.0	8,140.8	1.319	1.319	107,388.46
ESTIMATED	VARIOUS	CO-GEN.							
Jul-20		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,300.0	0.0	0.0	7,300.0	2.594	2.594	189,360.00
	TOTAL		7,300.0	0.0	0.0	7,300.0	2.594	2.594	189,360.00
ESTIMATED	VARIOUS	CO-GEN.							
Aug-20		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,170.0	0.0	0.0	7,170.0	2.955	2.955	211,880.00
	TOTAL		7,170.0	0.0	0.0	7,170.0	2.955	2.955	211,880.00
ESTIMATED	VARIOUS	CO-GEN.							
Sep-20		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,460.0	0.0	0.0	7,460.0	2.612	2.612	194,840.00
	TOTAL		7,460.0	0.0	0.0	7,460.0	2.612	2.612	194,840.00
ESTIMATED	VARIOUS	CO-GEN.							
Oct-20		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,330.0	0.0	0.0	7,330.0	2.701	2.701	198,000.00
	TOTAL		7,330.0	0.0	0.0	7,330.0	2.701	2.701	198,000.00
ESTIMATED	VARIOUS	CO-GEN.							
Nov-20		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,250.0	0.0	0.0	7,250.0	2.700	2.700	195,750.00
	TOTAL		7,250.0	0.0	0.0	7,250.0	2.700	2.700	195,750.00
ESTIMATED	VARIOUS	CO-GEN.							
Dec-20		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,200.0	0.0	0.0	7,200.0	2.330	2.330	167,730.00
	TOTAL		7,200.0	0.0	0.0	7,200.0	2.330	2.330	167,730.00
TOTAL	VARIOUS	CO-GEN.							
Jan-20		NET METERING	2,198.0	0.0	0.0	2,198.0	2.207	2.207	48,514.85
THRU		AS AVAIL.	107,124.0	0.0	0.0	107,124.0	1.966	1.966	2,106,030.30
Dec-20	TOTAL		109,322.0	0.0	0.0	109,322.0	1.971	1.971	2,154,545.15

TAMPA ELECTRIC COMPANY
 ECONOMY ENERGY PURCHASES
 ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

SCHEDULE E9
 REVISED 8/12/20

(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	8,366.0	0.0	8,366.0	3.759	314,502.80	3.808	318,546.00	4,043.20
Jan-20	TOTAL		8,366.0	0.0	8,366.0	3.759	314,502.80	3.808	318,546.00	4,043.20
ACTUAL	VARIOUS	SCH. - J	9,063.0	0.0	9,063.0	2.873	260,336.62	2.993	271,282.37	10,945.75
Feb-20	TOTAL		9,063.0	0.0	9,063.0	2.873	260,336.62	2.993	271,282.37	10,945.75
ACTUAL	VARIOUS	SCH. - J	11,672.0	0.0	11,672.0	3.798	443,296.06	4.199	490,108.06	46,812.00
Mar-20	TOTAL		11,672.0	0.0	11,672.0	3.798	443,296.06	4.199	490,108.06	46,812.00
ACTUAL	VARIOUS	SCH. - J	144,703.0	0.0	144,703.0	2.705	3,913,921.67	2.986	4,321,196.57	407,274.90
Apr-20	TOTAL		144,703.0	0.0	144,703.0	2.705	3,913,921.67	2.986	4,321,196.57	407,274.90
ACTUAL	VARIOUS	SCH. - J	337,957.0	0.0	337,957.0	2.729	9,221,265.73	3.108	10,504,286.15	1,283,020.42
May-20	TOTAL		337,957.0	0.0	337,957.0	2.729	9,221,265.73	3.108	10,504,286.15	1,283,020.42
ACTUAL	VARIOUS	SCH. - J	316,903.0	0.0	316,903.0	2.738	8,677,950.30	3.017	9,561,240.75	883,290.45
Jun-20	TOTAL		316,903.0	0.0	316,903.0	2.738	8,677,950.30	3.017	9,561,240.75	883,290.45
ESTIMATED	VARIOUS	SCH. - J	217,080.0	0.0	217,080.0	2.912	6,321,920.00	3.569	7,747,540.00	1,425,620.00
Jul-20	TOTAL		217,080.0	0.0	217,080.0	2.912	6,321,920.00	3.569	7,747,540.00	1,425,620.00
ESTIMATED	VARIOUS	SCH. - J	219,930.0	0.0	219,930.0	2.935	6,455,240.00	3.287	7,229,990.00	774,750.00
Aug-20	TOTAL		219,930.0	0.0	219,930.0	2.935	6,455,240.00	3.287	7,229,990.00	774,750.00
ESTIMATED	VARIOUS	SCH. - J	212,630.0	0.0	212,630.0	2.940	6,252,140.00	3.781	8,039,920.00	1,787,780.00
Sep-20	TOTAL		212,630.0	0.0	212,630.0	2.940	6,252,140.00	3.781	8,039,920.00	1,787,780.00
ESTIMATED	VARIOUS	SCH. - J	225,790.0	0.0	225,790.0	2.979	6,726,330.00	3.778	8,531,350.00	1,805,020.00
Oct-20	TOTAL		225,790.0	0.0	225,790.0	2.979	6,726,330.00	3.778	8,531,350.00	1,805,020.00
ESTIMATED	VARIOUS	SCH. - J	155,330.0	0.0	155,330.0	2.865	4,450,850.00	3.589	5,574,030.00	1,123,180.00
Nov-20	TOTAL		155,330.0	0.0	155,330.0	2.865	4,450,850.00	3.589	5,574,030.00	1,123,180.00
ESTIMATED	VARIOUS	SCH. - J	17,617.0	0.0	17,617.0	3.895	686,195.67	10.354	1,824,042.12	1,137,846.45
Dec-20	TOTAL		17,617.0	0.0	17,617.0	3.895	686,195.67	10.354	1,824,042.12	1,137,846.45
TOTAL										
Jan-20										
THRU	VARIOUS	SCH. - J	1,877,041.0	0.0	1,877,041.0	2.862	53,723,948.85	3.432	64,413,532.02	10,689,583.17
Dec-20	TOTAL		1,877,041.0	0.0	1,877,041.0	2.862	53,723,948.85	3.432	64,413,532.02	10,689,583.17

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 2

CAPACITY COST RECOVERY

ACTUAL / ESTIMATED

JANUARY 2020 THROUGH DECEMBER 2020

TAMPA ELECTRIC COMPANY
 CAPACITY COST RECOVERY
 CALCULATION OF THE CURRENT (ACTUAL/ESTIMATED) PERIOD TRUE-UP
 JANUARY 2020 THROUGH DECEMBER 2020

1. ACTUAL/ESTIMATED OVER/(UNDER) RECOVERY FOR THE CURRENT PERIOD JANUARY 2020 THROUGH DECEMBER 2020	\$5,870,171
2. PROJECTED OVER/(UNDER) RECOVERY TRUE-UP INCLUDED IN JUNE - DECEMBER 2020 RATES (Per 2020 Mid-Course Correction, Exhibit D, Page 1, Line 15)	2,938,707
3. DIFFERENCE IN 2019 ESTIMATED TRUE-UP AMOUNT PROJECTED IN ORIGINAL 2019 RATES AND AMOUNT COLLECTED IN 2020 (\$2,067,989) less \$181,601 returned each month January 2020 through May 2020	<u>(1,271,212)</u>
4. ACTUAL-ESTIMATED 2020 OVER/(UNDER) RECOVERY TO BE COLLECTED IN 2021 (Line 1 - Line 2 + Line 3)	1,660,252
5. FINAL TRUE-UP (January 2019 - December 2019) (Per 2019 True-Up filed March 2, 2020, Document No. 1, Page 1)	<u>111,228</u>
6. TOTAL OVER/(UNDER) RECOVERY (Line 4 + Line 5) To be included in the 12-month projected period January 2021 through December 2021	<u><u>\$1,771,480</u></u>

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT
JANUARY 2020 THROUGH DECEMBER 2020**

	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	Actual May-20	Actual Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	Total
1 UNIT POWER CAPACITY CHARGES	497,430	343,840	10,262	693,766	662,599	916,608	259,000	259,000	259,000	0	0	1,473,600	5,375,105
2 CAPACITY PAYMENTS TO COGENERATORS	0	0	0	0	0	0	0	0	0	0	0	0	0
3 (UNIT POWER CAPACITY REVENUES)	(89,627)	(69,063)	(86,007)	(82,178)	(81,226)	(69,792)	(79,649)	(79,649)	(79,649)	(79,649)	(79,649)	(79,649)	(955,787)
4 TOTAL CAPACITY DOLLARS	407,803	274,777	(75,745)	611,588	581,373	846,816	179,351	179,351	179,351	(79,649)	(79,649)	1,393,951	4,419,318
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	407,803	274,777	(75,745)	611,588	581,373	846,816	179,351	179,351	179,351	(79,649)	(79,649)	1,393,951	4,419,318
7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	120,339	117,655	116,622	131,999	132,306	(189,542)	(199,301)	(202,419)	(204,363)	(189,166)	(160,113)	(151,094)	(677,077)
8 PRIOR PERIOD TRUE-UP PROVISION	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	419,815	419,815	419,815	419,815	419,815	419,815	419,817	2,030,702
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	(61,262)	(63,946)	(64,979)	(49,602)	(49,295)	230,273	220,514	217,396	215,452	230,649	259,702	268,723	1,353,625
10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6)	(469,065)	(338,723)	10,766	(661,190)	(630,668)	(616,543)	41,163	38,045	36,101	310,298	339,351	(1,125,228)	(3,065,693)
11 INTEREST PROVISION FOR MONTH	(3,096)	(12)	3,826	2,182	110	250	891	1,304	1,182	1,104	1,074	814	9,629
12 ADJ - SOBRA 1 TRUE-UP IN FEBRUARY AND WIMAUMA SOBRA REFUND IN JUNE	0	4,856,329	0	0	0	4,069,905	0	0	0	0	0	0	8,926,235
13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY	(2,067,989)	(2,358,549)	2,340,646	2,536,839	2,059,432	1,610,475	4,644,273	4,266,512	3,886,046	3,503,514	3,395,101	3,315,711	(2,067,989)
14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH	181,601	181,601	181,601	181,601	181,601	(419,815)	(419,815)	(419,815)	(419,815)	(419,815)	(419,815)	(419,817)	(2,030,702)
15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14)	(2,358,549)	2,340,646	2,536,839	2,059,432	1,610,475	4,644,273	4,266,512	3,886,046	3,503,514	3,395,101	3,315,711	1,771,480	1,771,480

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TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT
JANUARY 2020 THROUGH DECEMBER 2020

	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	Actual May-20	Actual Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	Total
1 BEGINNING TRUE-UP AMOUNT	(2,067,989)	(2,358,549)	2,340,646	2,536,839	2,059,432	1,610,475	4,644,273	4,266,512	3,886,046	3,503,514	3,395,101	3,315,711	(2,067,989)
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(2,355,453)	2,340,658	2,533,013	2,057,250	1,610,365	4,644,023	4,265,621	3,884,742	3,502,332	3,393,997	3,314,637	1,770,666	(7,164,384)
3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2)	(4,423,442)	(17,891)	4,873,660	4,594,090	3,669,798	6,254,498	8,909,893	8,151,253	7,388,377	6,897,510	6,709,737	5,086,376	(9,232,373)
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(2,211,721)	(8,945)	2,436,830	2,297,045	1,834,899	3,127,249	4,454,947	4,075,627	3,694,189	3,448,755	3,354,869	2,543,188	(4,616,187)
5 INTEREST RATE % - 1ST DAY OF MONTH	1.710	1.640	1.560	2.210	0.060	0.080	0.110	0.380	0.380	0.380	0.380	0.380	NA
6 INTEREST RATE % - 1ST DAY OF NEXT MONTH	1.640	1.560	2.210	0.060	0.080	0.110	0.380	0.380	0.380	0.380	0.380	0.380	NA
7 TOTAL (LINE 5 + LINE 6)	3.350	3.200	3.770	2.270	0.140	0.190	0.490	0.760	0.760	0.760	0.760	0.760	NA
8 AVERAGE INTEREST RATE % (50% OF LINE 7)	1.675	1.600	1.885	1.135	0.070	0.095	0.245	0.380	0.380	0.380	0.380	0.380	NA
9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12)	0.140	0.133	0.157	0.095	0.006	0.008	0.020	0.032	0.032	0.032	0.032	0.032	NA
10 INTEREST PROVISION (LINE 4 X LINE 9)	(3,096)	(12)	3,826	2,182	110	250	891	1,304	1,182	1,104	1,074	814	9,629

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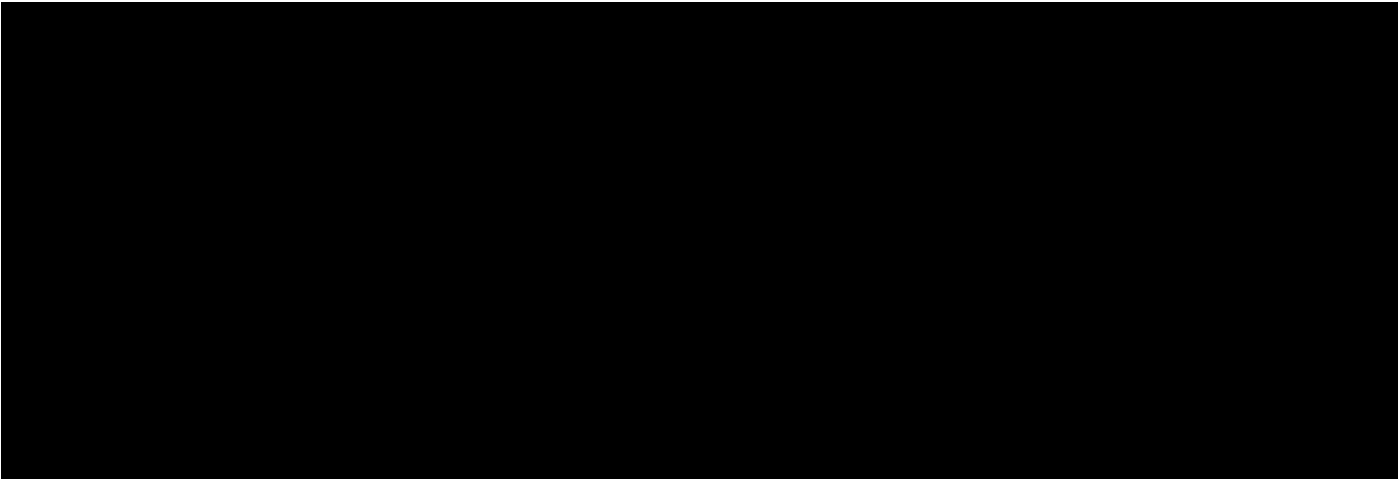
TAMPA ELECTRIC COMPANY
CAPACITY COSTS
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

SCHEDULE E12
REVISED 8/12/20

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	QF = QUALIFYING FACILITY
FLORIDA MUNICIPAL POWER AGENCY	12/1/2019	2/29/2020	ST	LT = LONG TERM
FLORIDA MUNICIPAL POWER AGENCY	7/1/2020	9/30/2020	ST	ST = SHORT-TERM
FLORIDA MUNICIPAL POWER AGENCY	12/1/2020	2/28/2021	ST	** THREE YEAR NOTICE REQUIRED FOR TERMINATION.
ORLANDO UTILITIES COMMISSION	12/1/2020	2/28/2021	ST	
FLORIDA POWER & LIGHT	12/1/2020	2/28/2021	ST	

CONTRACT	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	9.5	8.8	5.0	10.0	10.5	8.5	10.0	10.0	10.0	10.0	10.0	10.0
FLORIDA MUNICIPAL POWER AGENCY	88.0	100.0	-	-	-	-	74.0	74.0	74.0	-	-	150.0
ORLANDO UTILITIES COMMISSION	-	-	-	-	-	-	-	-	-	-	-	100.0
FLORIDA POWER & LIGHT	-	-	-	-	-	-	-	-	-	-	-	160.0

CAPACITY	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
FLORIDA POWER & LIGHT												
DUKE ENERGY FLORIDA												
FLORIDA MUNICIPAL POWER AGENCY												
ORLANDO UTILITIES COMMISSION												
JACKSONVILLE ELECTRIC AUTHORITY												
SUBTOTAL CAPACITY PURCHASES												
SEMINOLE ELECTRIC - D												
VARIOUS - MA												
CITY OF TALLAHASSEE - MA												
DUKE ENERGY FLORIDA - MA												
FLORIDA POWER & LIGHT - MA												
ORLANDO UTILITIES COMMISSION - MA												
THE ENERGY AUTHORITY - MA												
MORGAN STANLEY - MA												
SOUTHERN CO - MA												
SUBTOTAL CAPACITY SALES												
TOTAL PURCHASES AND (SALES)	407,803	274,777	(75,745)	611,588	581,373	846,816	179,351	179,351	179,351	(79,649)	(79,649)	1,393,951
TOTAL CAPACITY	407,803	274,777	(75,745)	611,588	581,373	846,816	179,351	179,351	179,351	(79,649)	(79,649)	1,393,951



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

DOCUMENT NO. 3

**CAPITAL PROJECTS APPROVED FOR
FUEL CLAUSE RECOVERY**

JANUARY 2020 - DECEMBER 2020

**BIG BEND UNITS 1-4 IGNITERS CONVERSION TO NATURAL GAS
SCHEDULE OF DEPRECIATION AND RETURN
FOR THE PERIOD JANUARY 2020 THROUGH DECEMBER 2020**

	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ESTIMATE JUNE	ESTIMATE JULY	ESTIMATE AUGUST	ESTIMATE SEPTEMBER	ESTIMATE OCTOBER	ESTIMATE NOVEMBER	ESTIMATE DECEMBER	TOTAL
1 BEGINNING BALANCE	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348								\$20,910,348
2 ADD INVESTMENT: Big Bend Unit 3 (Jan 2015)	-	-	-	-	-								-
2a ADD INVESTMENT: Big Bend Unit 4 (May 2015)	-	-	-	-	-								-
2b ADD INVESTMENT: Big Bend Unit 2 (June 2015)	-	-	-	-	-								-
2c 2015)	-	-	-	-	-								-
3 LESS RETIREMENTS	-	-	-	-	-								-
4 ENDING BALANCE	<u>\$20,910,348</u>	<u>\$20,910,348</u>	<u>\$20,910,348</u>	<u>\$20,910,348</u>	<u>\$20,910,348</u>								<u>\$20,910,348</u>
5													
6													
7 AVERAGE BALANCE	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348								
8 DEPRECIATION RATE	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%								
9 DEPRECIATION EXPENSE	\$348,506	\$348,506	\$348,506	\$348,506	\$238,475								\$1,632,499
10 LESS RETIREMENTS	-	-	-	-	-								-
11 BEGINNING BALANCE DEPRECIATION	\$19,277,850	\$19,626,355	\$19,974,861	\$20,323,367	\$20,671,873								\$19,277,850
12 ENDING BALANCE DEPRECIATION	<u>\$19,626,355</u>	<u>\$19,974,861</u>	<u>\$20,323,367</u>	<u>\$20,671,873</u>	<u>\$20,910,348</u>								<u>\$20,910,348</u>
13													
14													
15 ENDING NET INVESTMENT	<u>\$1,283,993</u>	<u>\$935,487</u>	<u>\$586,981</u>	<u>\$238,475</u>	-								-
16													
17													
18 AVERAGE INVESTMENT	\$1,458,246	\$1,109,740	\$761,234	\$412,728	\$119,238								
19 ALLOWED EQUITY RETURN	.37413%	.37413%	.37413%	.37413%	.37413%								
20 EQUITY COMPONENT AFTER-TAX	\$5,456	\$4,152	\$2,848	\$1,544	\$446								\$14,446
21 CONVERSION TO PRE-TAX	1.32830	1.32830	1.32830	1.32830	1.32830								
22 EQUITY COMPONENT PRE-TAX	<u>\$7,247</u>	<u>\$5,515</u>	<u>\$3,783</u>	<u>\$2,051</u>	<u>\$592</u>								<u>\$19,188</u>
23													
24 ALLOWED DEBT RETURN	.14474%	.14474%	.14474%	.14474%	.14474%								
25 DEBT COMPONENT	<u>\$2,111</u>	<u>\$1,606</u>	<u>\$1,102</u>	<u>\$597</u>	<u>\$173</u>								<u>\$5,589</u>
26 TAX REFORM TRUEUP													
27 TOTAL RETURN REQUIREMENTS	<u>\$9,358</u>	<u>\$7,121</u>	<u>\$4,885</u>	<u>\$2,648</u>	<u>\$765</u>								<u>\$24,777</u>
28 PRIOR MONTH TRUE-UP													
29 TOTAL DEPRECIATION & RETURN	<u>\$357,864</u>	<u>\$355,627</u>	<u>\$353,391</u>	<u>\$351,154</u>	<u>\$239,240</u>								<u>\$1,657,276</u>
30													
31 ESTIMATED FUEL SAVINGS	\$226,880	\$100,996	\$338,796	\$15,142	\$481,133	\$925,295	\$204,795	\$452,378	\$405,340	\$829,055	\$628,863	\$255,886	\$4,864,559
32 TOTAL DEPRECIATION & RETURN	<u>\$357,864</u>	<u>\$355,627</u>	<u>\$353,391</u>	<u>\$351,154</u>	<u>\$239,240</u>								<u>\$1,657,276</u>
33 NET BENEFIT (COST) TO RATEPAYER	<u>(\$130,984)</u>	<u>(\$254,631)</u>	<u>(\$14,594)</u>	<u>(\$336,012)</u>	<u>\$241,893</u>	<u>\$925,295</u>	<u>\$204,795</u>	<u>\$452,378</u>	<u>\$405,340</u>	<u>\$829,055</u>	<u>\$628,863</u>	<u>\$255,886</u>	<u>\$3,207,284</u>

34 DEPRECIATION EXPENSE IS CALCULATED BASED UPON A FIVE YEAR PERIOD.

35 RETURN ON AVERAGE INVESTMENT IS CALCULATED FOR JANUARY - MAY USING AN ANNUAL RATE OF 7.7004% (EQUITY 5.9635% , DEBT 1.7369%). RATES ARE BASED ON THE MAY 2019 SURVEILLANCE REPORT PER THE WACC STIPULATION & SETTLEMENT AGREEMENT (JULY 17, 2012).

36 THE RETURN REQUIREMENT FOR JANUARY - DECEMBER IS CALCULATED BASED UPON A COMBINED STATUTORY RATE OF 24.522%

37 ZERO PROJECTED GENERATION RESULTS IN ZERO ESTIMATED FUEL SAVINGS FOR THAT MONTH.

Tampa Electric Company
Calculation of Revenue Requirement Rate of Return
For Cost Recovery Clauses
January 2020 to June 2020

	(1) Jurisdictional Rate Base Actual May 2019 Capital Structure (\$000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	\$ 1,897,597	31.57%	4.89%	1.5435%
Short Term Debt	211,895	3.52%	2.97%	0.1047%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	94,966	1.58%	2.38%	0.0376%
Common Equity	2,598,065	43.22%	10.25%	4.4297%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	1,125,550	18.72%	0.00%	0.0000%
Deferred ITC - Weighted Cost	<u>83,633</u>	<u>1.39%</u>	7.98%	<u>0.1110%</u>
 Total	 <u>\$ 6,011,707</u>	 <u>100.00%</u>		 <u>6.23%</u>

ITC split between Debt and Equity:

Long Term Debt	\$ 1,897,597	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	<u>2,598,065</u>	Equity - Common	<u>54.00%</u>
 Total	 <u>\$ 4,495,662</u>	 Total	 <u>100.00%</u>

Deferred ITC - Weighted Cost:

Debt = 0.1110% * 46.00%	0.0511%
Equity = 0.1110% * 54.00%	<u>0.0599%</u>
Weighted Cost	<u>0.1110%</u>

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.4297%
Deferred ITC - Weighted Cost	<u>0.0599%</u>
	4.4896%
Times Tax Multiplier	1.32830
Total Equity Component	<u>5.9635%</u>

Total Debt Cost Rate:

Long Term Debt	1.5435%
Short Term Debt	0.1047%
Customer Deposits	0.0376%
Deferred ITC - Weighted Cost	<u>0.0511%</u>
Total Debt Component	<u>1.7369%</u>
	<u>7.7004%</u>

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (2) - Column (1) / Total Column (1)
 Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (4) - Column (2) x Column (3)

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

DOCUMENT NO. 4

**LAKE HANCOCK STIPULATED ISSUE
FUEL SAVINGS**

JANUARY 2020 - DECEMBER 2020

Lake Hancock Stipulated Issue Fuel Savings

In-service Date: 4/25/2019

	2019											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1. Sun Select Generation (MWh)	-	-	-	377	4,276	1,925	2,232	2,467	3,300	2,535	2,198	1,544
2. Sun Select Billed Generation (MWh)	-	-	-	-	-	-	1.3	41.0	94.3	125.6	124.8	120.6
3. Second SoBRA Projects Total Generation (MWh)	12,166	24,089	44,162	46,113	44,182	38,654	39,118	34,250	48,155	39,076	32,077	25,507
4. 5 MW Portion of Second SoBRA Generation (MWh)	234	463	848	886	849	742	751	658	925	751	616	490
5. Generation for Agreement (MWh) = 1 - 2 + 4	234	463	848	1,263	5,125	2,667	2,982	3,084	4,131	3,160	2,689	1,914
6. Natural Gas Burned (mmBtu) Schedule A4	9,515,986	9,623,649	10,898,853	11,776,196	13,721,616	12,259,286	12,593,318	13,225,218	14,130,496	13,445,259	9,258,123	10,544,011
7. Net Natural Gas Generation (MWh) Schedule A4	1,249,223	1,241,142	1,427,169	1,451,957	1,794,486	1,642,401	1,669,828	1,742,731	1,790,253	1,733,549	1,189,663	1,317,204
8. Natural Gas Heat Rate (Btu/kWh) = 6 ÷ 7 x 1000 Schedule A4	7,618	7,754	7,637	8,111	7,647	7,464	7,542	7,589	7,893	7,756	7,782	8,005
9. Actual Natural Gas Price (\$/mmBtu) Schedule A5	4.70	3.86	3.79	3.60	3.50	3.62	3.37	3.18	3.34	3.36	3.69	3.43
10. Fuel Savings (\$) = 5 x 8 x 9 ÷ 1000	8,360	13,843	24,539	36,869	137,071	72,003	75,813	74,375	108,764	82,310	77,122	52,607
11. Cumulative Fuel Savings (\$)	8,360	22,203	46,743	83,612	220,683	292,685	368,498	442,874	551,638	633,948	711,071	763,678
12. Total 2019 Shortfall to \$1 Million Fuel Savings Agreement	(236,322)											