

AUSLEY McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

March 25, 2020

VIA: ELECTRONIC FILING

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

Re: Fuel and Purchased Power Cost Recovery Clause with Generating
Performance Incentive Factor; FPSC Docket No. 20200001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket is Tampa Electric Company's Petition for Mid-Course Correction of its Fuel Cost Recovery Factors and Capacity Cost Recovery Factors.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/bmp
Attachment

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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery) DOCKET NO. 20200001-EI
Clause with Generating Performance Incentive)
Factor.) FILED: March 25, 2020
_____)

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

Tampa Electric Company (“Tampa Electric” or “company”), pursuant to Rule 25-6.0424, Florida Administrative Code, hereby petitions the Commission for approval of the company’s proposed mid-course correction of its fuel cost recovery factors and capacity cost recovery factors, and in support thereof says:

1. Tampa Electric is an investor-owned electric utility subject to the Commission’s jurisdiction pursuant to Chapter 366, Florida Statutes. Tampa Electric serves retail customers in Hillsborough and portions of Polk, Pinellas, and Pasco Counties in Florida. The company’s principal offices are located at 702 North Franklin Street, Tampa, Florida 33602.

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

Paula K. Brown
regdept@tecoenergy.com
Manager, Regulatory Coordination
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601
(813) 228-1444
(813) 228-1770 (fax)

James D. Beasley
jbeasley@ausley.com
J. Jeffrey Wahlen
jwahlen@ausley.com
Malcolm N. Means
mmeans@ausley.com
Ausley McMullen
Post Office Box 391
Tallahassee, FL 32302
(850) 224-9115
(850) 222-7952 (fax)

3. The Commission has jurisdiction pursuant to Sections 366.04, 366.05 and 366.06, Florida Statutes.

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

5. This Petition is being filed consistent with Rule 28-106.201, Florida Administrative Code. The agency affected is the Florida Public Service Commission, located at 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399. This case does not involve reversal or modification of an agency decision or an agency's proposed action. Therefore, subparagraph (c) and portions of subparagraphs (b), (e), (f) and (g) of subsection (2) of that rule are not applicable to this Petition. In compliance with subparagraph (d), Tampa Electric states that it is not known which, if any, of the issues of material fact set forth in the body of this Petition may be disputed by any others who may plan to participate in this proceeding. The discussion below demonstrates how the petitioner's substantial interests will be affected by the agency determination.

6. Tampa Electric's current fuel and purchased power cost recovery factors ("fuel factors" or "factors") were approved in Order No. PSC-2019-0484-FOF-EI issued November 18, 2019, for application during the period January 2020 through December 2020. The new factors became effective with the first billing cycle for January 2020.

7. In Order No. 13694 issued in Docket No. 840001-EI on September 20, 1984, the Commission authorized each utility to seek modifications to its fuel factors when it appears that its projected fuel revenues will result in an over- or under-recovery in excess of 10 percent.

8. Since the filing, approval, and implementation of Tampa Electric's current factors, the company has monitored its fuel and purchased power cost recovery revenue and expenses on an ongoing basis. Based on updated estimates for 2020, the company now projects that an over-recovery in excess of the 10 percent threshold set forth in Order No. PSC-07-0333-PAA-EI is likely to occur absent a modification to the company's current fuel factors.

9. Tampa Electric expects its total fuel and purchased power over-recovery for 2020 to be \$130,688,586, based on the \$35,821,098 final 2019 over-recovery amount and the \$94,867,488 actual January through February 2020 and estimated reforecast March through December 2020 over-recovery amount shown in Exhibit "A". The re-projected total fuel and net power transactions amount for January 2020 through December 2020 of \$491,985,196 reflects a decrease of \$58,897,397, compared to the original projection. The projected over-recovery for 2020 is over 10 percent greater than Tampa Electric's forecasted jurisdictional system fuel costs for the period on which the current fuel factors are based. Pursuant to Rule 25-6.0424(1)(a), Florida Administrative Code, the estimated percentage calculated using the estimated end-of-period total net true-up divided by the current period's total actual and estimated jurisdictional fuel revenue applicable to the period is 22 percent including the end of 2019 final true-up amount.

10. The primary cause of the over-recovery is a significant decrease in the projected cost of natural gas. With this filing, Tampa Electric also updated its planned power purchases with updated availability and pricing of market power purchases that may substitute for Tampa Electric generation when cost-effective because the price of natural gas affects the power market.

11. Accordingly, Tampa Electric proposes modifications to its fuel factors, effective with the first billing cycle for June 2020. Given the extraordinary economic circumstances of the ongoing pandemic, states of emergency, and customer impacts related to social distancing and business closures, the company proposes to (1) return a portion of the projected over-recovery over a shorter time period, from June 2020 through August 2020 through a line item credit on customers' bills and (2) reduce the fuel factors for the remaining seven months of 2020 to reflect the estimated reforecast over-recovery in 2020. The fuel credit for a residential customer using 1,000 kWh ("typical bill") will be \$18.40 per month for the three-month period, and the total bill reduction will be \$23.37. Beginning in September 2020 through December 2020, the residential typical bill will be \$4.50 lower than the current typical bill.

12. The fuel credit to customers will return approximately \$81 million of the projected over-recovery over the three-month period, and the fuel factors will be reduced for the period June through December 2020 to reflect the remaining \$49 million projected over-recovery amount. This \$81 million credit is calculated by including the \$45,601,340 projected December 2020 ending balance over-recovery amount using the revised fuel factors shown on Exhibit "B," Schedule E2 Supplemental and the \$35,821,098 final 2019 over-recovery amount in the fuel credit. The calculation of the three-month fuel credit is shown on Exhibit "B," Schedule E1-D Supplemental.

13. Attached hereto as Exhibit "B" are revised and updated "E" Schedules which take into account the company's currently projected over-recovery of \$130,688,586 and a recalculation of the fuel factors in a manner designed to eliminate the projected over-recovery with a fuel credit during the period from June through August 2020 and a reduction in the fuel factor for the period June through December 2020.

Tampa Electric hopes to aid customers during this unique time in our history, given the pandemic, by returning the over-recovery amount more quickly than would typically be done.

14. If the proposed fuel credit mid-course methodology is not accepted, then Tampa Electric requests that the mid-course factors shown in Exhibit “C” be approved. Exhibit “C” reflects the typical method of returning the projected over-recovery amount to customers over the remaining seven months of the year, from June 2020 through December 2020. This method also returns the re-projected 2020 end of period total net true-up over-recovery of \$94,867,488 plus the final 2019 true-up over-recovery of \$35,821,098, which is equivalent to \$130,688,586.

15. Attached hereto as Exhibit “C” are revised and updated “E” Schedules which take into account the company’s currently projected over-recovery of \$130,688,586. and a recalculation of the fuel factors in a manner designed to eliminate the projected over-recovery during the period from June 2020 through December 2020.

16. Tampa Electric is also proposing a reduction to its capacity cost recovery factors for use in 2020. Based on updated estimates for 2020, the company now projects that an over-recovery in excess of the 10 percent threshold set forth in Order No. PSC-07-0333-PAA-EI is likely to occur absent a modification to the company’s current capacity adjustment factors. The capacity clause projected over-recovery is caused by including the expected in-service timing true-up amounts for the First and Second SoBRA booked in February 2020, netted against expenses for additional firm power purchase agreements entered since the 2020 factors were set. Based on these updated estimates for 2020, the company now projects an over-recovery of \$2,885,599. The estimated percentage calculated using the estimated end-of-period total net true-up

divided by the current period's total actual and estimated jurisdictional capacity revenue applicable to the period is 182 percent, including the 2019 final true-up amount. Attached hereto as Exhibit "D" is a schedule demonstrating the expected 2020 over-recovery amount absent an adjustment.

17. The projected 2020 capacity over-recovery is \$2,885,599, which is the total to be included in the mid-course adjustment. Tampa Electric did not include the final 2019 capacity true-up over-recovery of \$111,228 in the mid-course adjustment because it is a *de minimus* amount which will be returned to customers in 2021 in the ordinary course of business. Attached as Exhibit "E" are the revised capacity cost recovery schedules to reflect the proposed change in capacity cost recovery factors.

18. Attached hereto as Schedule E10 of Exhibit "B" is a comparison of an average residential bill reflecting the present fuel adjustment and capacity cost recovery factors approved in Order No. PSC-2019-0484-FOF-EI and the modified factors proposed herein.

19. Because the proposed fuel adjustment and capacity cost recovery factor modifications are based on an effective date beginning with the first billing cycle for June 2020, Tampa Electric asks that this petition be given expedited treatment and scheduled for consideration on or before the May 5, 2020 Commission Agenda Conference to allow the company to provide notice to customers. In addition, Tampa Electric requests a waiver of the 30-day customer notice requirement if the petition is considered at the May 5, 2020 Agenda Conference. The company's first billing cycle for June 2020 will occur on June 2, 2020, or 28 days after the May 5th Agenda Conference. Given the relatively small timing difference, the company's ability to post notices of the proposed rate change

on bills and on its website, and the benefit of implementing the lower rates sooner during this extraordinary time, the waiver is warranted.

20. Tampa Electric has consulted with Office of Public Counsel about this petition and is authorized to state that they support the proposed fuel credit methodology described in paragraphs 11 through 13 and Exhibit “B” of this petition.

WHEREFORE, Tampa Electric urges the Commission to approve the company’s proposed modifications to its fuel and purchased power cost recovery factors and capacity cost recovery factors as set forth in the schedules attached hereto, for application on customer bills beginning with bills for June 2020 and thereafter until modified by subsequent Commission order. To achieve the forgoing effective date, the company further requests that this matter be given expedited treatment and considered by the Commission on or before the May 5, 2020 Agenda Conference.

DATED this 25th day of March, 2020.

Respectfully submitted,



JAMES D. BEASLEY
J. JEFFRY WAHLEN
MALCOLM N. MEANS
Ausley McMullen
Post Office Box 391
Tallahassee, FL 32302
(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of March 2020 to the following:

Ms. Suzanne Brownless
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us

Ms. Patricia A. Christensen
Mr. J. R. Kelly
Thomas A. (Tad) David
Mireille Fall-Fry
Stephanie A. Morse
Charles J. Rehwinkel
Office of Public Counsel
111 West Madison Street – Room 812
Tallahassee, FL 32399-1400
christensen.patty@leg.state.fl.us
kelly.jr@leg.state.fl.us
david.tad@leg.state.fl.us
fall-fry.mireille@leg.state.fl.us
morse.stephanie@leg.state.fl.us
rehwinkel.charles@leg.state.fl.us

Ms. Dianne M. Triplett
Duke Energy Florida
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Mr. Matthew R. Bernier
Senior Counsel
Duke Energy Florida
106 East College Avenue, Suite 800
Tallahassee, FL 32301-7740
Matthew.bernier@duke-energy.com

Ms. Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 S. Monroe St., Suite 601
Tallahassee, FL 32301
bkeating@gunster.com

Maria Moncada
David M. Lee
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
maria.moncada@fpl.com
david.lee@fpl.com

Mr. Kenneth Hoffman
Vice President, Regulatory Relations
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, FL 32301-1859
ken.hoffman@fpl.com

Mr. Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
Florida Division of Chesapeake Utilities Corp.
1750 SW 14th Street, Suite 200
Fernandina Beach, FL 32034
mcassel@fpuc.com

Mr. Russell A. Badders
Vice President & Associate General Counsel
Gulf Power Company
One Energy Place
Pensacola FL 32520
russell.badders@nexteranenergy.com

Mr. Jon C Moyle, Jr.
Moyle Law Firm
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com

Mr. Robert Scheffel Wright
Mr. John T. LaVia, III
Gardner, Bist, Wiener, Wadsworth,
Bowden, Bush, Dee, LaVia &
Wright, P.A.
1300 Thomaswood Drive
Tallahassee, FL 32308
Schef@gbwlegal.com
Jlavia@gbwlegal.com

Mr. Steven R. Griffin
Beggs & Lane
P.O. Box 12950
Pensacola FL 32591
srg@beggslane.com

Mr. James W. Brew
Ms. Laura W. Baker
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201
jbrew@smxblaw.com
lwb@smxblaw.com



ATTORNEY

“Exhibit A”

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

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
A. Fuel Cost and Net Power Transactions													
1. Fuel Cost of System Net Generation	36,433,217	28,053,617	27,653,532	30,431,785	35,889,220	40,372,332	43,252,315	44,799,875	41,519,545	38,508,368	34,115,271	41,515,051	442,544,128
1a. Fuel Related R&D and Demo. Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Fuel Cost of Power Sold ⁽¹⁾	87,963	93,206	10,300	10,332	10,832	12,862	12,245	13,170	12,745	13,149	13,085	14,807	304,696
3. Fuel Cost of Purchased Power	2,767	(3,817)	0	0	0	0	29,430	46,600	21,210	0	0	810,650	906,841
3a. Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
3b. Payments to Qualifying Facilities	88,714	291,342	286,020	293,010	306,640	300,450	327,220	332,740	290,490	341,270	353,060	293,490	3,504,446
4. Energy Cost of Economy Purchases	314,503	260,337	201,780	3,815,160	4,358,110	3,915,780	6,518,100	6,583,010	6,338,680	6,760,150	4,193,550	417,970	43,677,129
5. Total Fuel and Net Power Transactions	36,751,238	28,508,273	28,131,032	34,529,623	40,543,138	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	490,327,848
6. Adj. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,433	351,177	239,247	0	0	0	0	0	0	0	1,657,348
6a. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
7. ADJUSTED TOTAL FUEL AND NET POWER TRANSACTIONS	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
B. MWh Sales													
1. Jurisdictional Sales	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
2. Non-Jurisdictional Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
3. TOTAL SALES	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
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	

⁽¹⁾ Includes Gains

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

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
C. True-Up Calculation													
1. Jurisdictional Fuel Revenue	43,077,818	40,611,832	39,102,131	42,192,857	46,945,698	55,519,766	58,419,620	59,054,717	59,758,535	54,218,129	44,496,008	42,229,640	585,626,751
2. Optimization Mechanism	(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)
2a. True-up Provision	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,830)	(30,742,026)
2b. 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)
3. JURISD. FUEL REVENUE APPLICABLE TO PERIOD	40,077,508	37,611,522	36,101,821	39,192,547	43,945,388	52,519,456	55,419,310	56,054,407	56,758,225	51,217,819	41,495,698	39,229,341	549,623,042
4. Adjusted Total Fuel and Net Power Transactions (Line A7)	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
5. Jurisdictional % of Total Sales (Line B4)	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 Total Fuel and Net Power Transactions	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
6a. 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	-
6b. JURISD. TOTAL FUEL & NET POWER TRANSACTIONS Adjusted for Line Losses	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
7. True-up Provision for Month +/- Collected (Line 3-6b-6b)	2,968,406	8,747,622	7,617,356	4,311,747	3,163,003	7,943,756	5,304,490	4,305,352	8,601,045	5,621,180	2,846,902	(3,793,013)	57,637,846
8. Interest Provision for the Month	10,982	21,803	42,826	65,599	77,247	92,239	109,218	122,899	138,096	154,132	166,572	170,609	1,172,222
9. Fuel savings credit for Lake Hancock generation per Second SoBRA stipulation	0	236,322	0	0	0	0	0	0	0	0	0	0	236,322
10. True-up and Interest Provision Beginning of Month (Schedule E1-A, Line 1)	5,079,072	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	55,748,996	63,724,540	70,714,627	82,015,604	90,352,752	95,928,062	
11. True-up Collected (Refunded)	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	2,561,830	30,742,026
12. END OF PERIOD TOTAL NET TRUE-UP	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	55,748,996	63,724,540	70,714,627	82,015,604	90,352,752	95,928,062	94,867,488	

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

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
D. Interest Provision													
1. Beginning True-up Amount	5,079,072	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	55,748,996	63,724,540	70,714,627	82,015,604	90,352,752	95,928,062	
2. Ending True-up Amount Before Interest	10,609,314	22,166,076	32,367,071	39,283,480	45,073,918	55,656,757	63,615,322	70,591,728	81,877,508	90,198,620	95,761,490	94,696,879	
3. Total Beginning and Ending True-up Amount	15,688,386	32,786,372	54,554,950	71,693,377	84,422,997	100,807,922	119,364,318	134,316,268	152,592,135	172,214,224	186,114,242	190,624,941	
4. Average True-up Amount	7,844,193	16,393,186	27,277,475	35,846,689	42,211,499	50,403,961	59,682,159	67,158,134	76,296,068	86,107,112	93,057,121	95,312,471	
5. Interest Rate @ First Day of Month	1.710	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	
6. Interest Rate @ Last Day of Month	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	2.150	
7. Total Beginning and Ending Interest Rate	3.350	3.200	3.760	4.400	4.400	4.400	4.400	4.400	4.350	4.300	4.300	4.300	
8. Average Interest Rate	1.675	1.600	1.880	2.200	2.200	2.200	2.200	2.200	2.175	2.150	2.150	2.150	
9. Monthly Average Interest Rate	0.140	0.133	0.157	0.183	0.183	0.183	0.183	0.183	0.181	0.179	0.179	0.179	
10. Interest Provision	10,982	21,803	42,826	65,599	77,247	92,239	109,218	122,899	138,096	154,132	166,572	170,609	1,172,222

“Exhibit B”

MID-COURSE

PROJECTED FUEL AND PURCHASED POWER COST RECOVERY

JUNE 2020 - DECEMBER 2020

**SCHEDULES E1 THROUGH E10
SCHEDULE H1**

TAMPA ELECTRIC COMPANY

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**TAMPA ELECTRIC COMPANY
 FUEL AND PURCHASED POWER
 MID-COURSE COST RECOVERY CLAUSE CALCULATION
 ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020**

SCHEDULE E1

	DOLLARS	MWH	CENTS/KWH
1. Fuel Cost of System Net Generation (E3)	442,544,128	18,956,176	2.33456
2. Nuclear Fuel Disposal Cost	0	0	0.00000
3. Coal Car Investment	0	0	0.00000
4a. Big Bend Units 1-4 Igniters Conversion Project	1,657,348	18,956,176 ⁽¹⁾	0.00874
4b. Adjustment	0	18,956,176 ⁽¹⁾	0.00000
5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4b)	444,201,476	18,956,176	2.34331
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	906,841	23,940	3.78797
7. Energy Cost of Economy Purchases (E9)	43,677,129	1,476,209	2.95874
8. Demand and Non-Fuel Cost of Purchased Power	0	0	0.00000
9. Energy Payments to Qualifying Facilities (E8)	3,504,446	123,937	2.82760
10. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9)	48,088,416	1,624,086	2.96095
11. TOTAL AVAILABLE KWH (LINE 5 + LINE 10)		20,580,262	
12. Fuel Cost of Schedule D Sales - Jurisd. (E6)	256,411	13,365	1.91853
13. Fuel Cost of Market Based Sales - Jurisd. (E6)	20,285	1,050	1.93186
14. Gains on Sales	28,000	NA	NA
15. TOTAL FUEL COST AND GAINS OF POWER SALES	304,695	14,415	2.11374
16. Net Inadvertant Interchange		0	
17. Wheeling Received Less Wheeling Delivered		0	
18. Interchange and Wheeling Losses		307	
19. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-15+16+17-18)	491,985,197	20,565,540	2.39228
20. Net Unbilled	NA ^{(1)(a)}	NA ^(a)	NA
21. Company Use	889,928 ⁽¹⁾	37,200	0.00457
22. T & D Losses	24,886,494 ⁽¹⁾	1,040,283	0.12770
23. System MWH Sales	491,985,197	19,488,057	2.52455
24. Wholesale MWH Sales	(0)	0	0.00000
25. Jurisdictional MWH Sales	491,985,196	19,488,057	2.52455
26. Jurisdictional Loss Multiplier			1.00000
27. Jurisdictional MWH Sales Adjusted for Line Loss	491,985,196	19,488,057	2.52455
28. Optimization Mechanism ⁽²⁾	1,120,353	19,488,057	0.00575
29. True-up ⁽²⁾	0	12,341,316	0.00000
30. Total Jurisdictional Fuel Cost (Excl. GPIF)	493,105,549	19,488,057	2.53030
31. Revenue Tax Factor			1.00072
32. Fuel Factor (Excl. GPIF) Adjusted for Taxes	493,460,585	19,488,057	2.53212
33. GPIF Adjusted for Taxes ⁽²⁾	4,141,330	19,488,057	0.02125
34. Fuel Factor Adjusted for Taxes Including GPIF	497,601,915	19,488,057	2.55337
35 Fuel Factor Rounded to Nearest .001 cents per KWH			2.553

^(a) Data not available at this time.

⁽¹⁾ Included For Informational Purposes Only

⁽²⁾ Calculation Based on Jurisdictional MWH Sales

**TAMPA ELECTRIC COMPANY
 INCENTIVE FACTOR AND TRUE-UP FACTOR
 FOR THE PERIOD: JUNE 2020 THROUGH DECEMBER 2020**

SCHEDULE E1-C

1. TOTAL AMOUNT OF ADJUSTMENTS			
A.	GENERATING PERFORMANCE INCENTIVE REWARD / (PENALTY) (January 2020 through December 2020)	\$4,141,330	
B.	TRUE-UP OVER / (UNDER) RECOVERED (June 2020 through December 2020)	\$0	
C.	OPTIMIZATION MECHANISM GAIN / (LOSS) (January 2020 through December 2020)	\$1,120,353	
2. TOTAL SALES			
	(June 2020 through December 2020)	12,341,316	MWh
	(January 2020 through December 2020)	19,488,057	MWh
3. ADJUSTMENT FACTORS			
A.	GENERATING PERFORMANCE INCENTIVE FACTOR (January-December) (Using Effective MWh Sales of 19,474,612)	0.0213	Cents/kWh
B.	TRUE-UP FACTOR (June-December) (Using Effective MWh Sales of 12,325,761)	0.0000	Cents/kWh
C.	OPTIMIZATION MECHANISM FACTOR (January-December) (Using Effective MWh Sales of 19,474,612)	0.0058	Cents/kWh

**DETERMINATION OF FUEL RECOVERY FACTOR
TIME OF USE RATE SCHEDULES
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD: JUNE 2020 THROUGH DECEMBER 2020**

SCHEDULE E1-D

			NET ENERGY FOR LOAD (%)	FUEL COST (%)
			ON PEAK	\$23.72
			OFF PEAK	\$22.15
			<u>100.00</u>	<u>1.0709</u>
		<u>TOTAL</u>	<u>ON PEAK</u>	<u>OFF PEAK</u>
1	Total Fuel & Net Power Trans (Jurisd)	(Sch E1 line 25)	\$321,864,544	
2	MWH Sales (Jurisd)	(Sch E1 line 29)	12,341,316	
2a	Effective MWH Sales (Jurisd)		12,325,761	
3	Cost Per KWH Sold	(line 1 / line 2)	2.6080	
4	Jurisdictional Loss Factor		1.00000	
5	Jurisdictional Fuel Factor		NA	
6	True-Up	(Sch E1C line 1B)	\$0	
7	Optimization Mechanism Gain	(Sch E1C line 1C)	653,538	
8	TOTAL	(line 1 x line 4)+line 6+line 7	\$322,518,082	
9	Revenue Tax Factor		1.00072	
10	Recovery Factor	(line 8 x line 9) / line 2a / 10	2.6185	
11	GPIF Factor	(Sch E2 Suppl pg 2 of 3 line C2b) / line 2a / 10	0.0196	
12	Recovery Factor Including GPIF	(line 10 + line 11)	2.6381	2.5833
13	Recovery Factor Rounded to the Nearest .001 cents/KWH		2.638	2.583
14	Hours: ON PEAK		25.39%	
15	OFF PEAK		<u>74.61%</u>	
			100.00%	

Jurisdictional Sales (MWH) June - December			
Metering Voltage:	Meter	Line Loss	Secondary
Distribution Secondary	11,102,442		11,102,442
Distribution Primary	922,291	0.99	913,068
Transmission	<u>316,583</u>	0.98	<u>310,251</u>
Total	<u>12,341,316</u>		<u>12,325,761</u>

	Standard	On-Peak	Off-Peak
Distribution Secondary	2.638	2.766	2.583
Distribution Primary	2.612	2.738	2.557
Transmission	2.585	2.711	2.531
RS 1st Tier	2.285		
RS 2nd Tier	3.285		
Lighting	2.614		

SCHEDULE E1-E

TAMPA ELECTRIC COMPANY
 MID-COURSE FUEL COST RECOVERY FACTORS
 ESTIMATED FOR THE PERIOD: JUNE 2020 THROUGH DECEMBER 2020

METERING VOLTAGE LEVEL	LEVELIZED FUEL RECOVERY FACTOR cents/kWh	FIRST TIER (Up to 1000 kWh) cents/kWh	SECOND TIER (OVER 1000 kWh) cents/kWh
STANDARD			
Distribution Secondary (RS only)		2.285	3.285
Distribution Secondary	2.638		
Distribution Primary	2.612		
Transmission	2.585		
Lighting Service ⁽¹⁾	2.614		
TIME-OF-USE			
Distribution Secondary - On-Peak	2.766		
Distribution Secondary - Off-Peak	2.583		
Distribution Primary - On-Peak	2.738		
Distribution Primary - Off-Peak	2.557		
Transmission - On-Peak	2.711		
Transmission - Off-Peak	2.531		

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

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

	(a) ACTUAL Jan-20	(b) ACTUAL Feb-20	(c) ESTIMATED Mar-20	(d) ESTIMATED Apr-20	(e) ESTIMATED May-20	(f) ESTIMATED Jun-20	(g) ESTIMATED Jul-20	(h) ESTIMATED Aug-20	(i) ESTIMATED Sep-20	(j) ESTIMATED Oct-20	(k) ESTIMATED Nov-20	(l) ESTIMATED Dec-20	(m) TOTAL PERIOD
1. Fuel Cost of System Net Generation	36,433,217	28,053,617	27,653,532	30,431,785	35,889,220	40,372,332	43,252,315	44,799,875	41,519,545	38,508,368	34,115,271	41,515,051	442,544,128
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	10,300	10,332	10,832	12,862	12,245	13,170	12,745	13,149	13,085	14,807	304,696
4. Fuel Cost of Purchased Power	2,767	(3,817)	0	0	0	0	29,430	46,600	21,210	0	0	810,650	906,841
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	286,020	293,010	306,640	300,450	327,220	332,740	290,490	341,270	353,060	293,490	3,504,446
7. Energy Cost of Economy Purchases	314,503	260,337	201,780	3,815,160	4,358,110	3,915,780	6,518,100	6,583,010	6,338,680	6,760,150	4,193,550	417,970	43,677,129
8. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,433	351,177	239,247	0	0	0	0	0	0	0	1,657,348
9. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
10. TOTAL FUEL & NET POWER TRANSACTIONS	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
11. Jurisdictional MWH Sold	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
12. 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	1.0000000
13. Jurisdictional Total Fuel & Net Power Transactions (Line 10 * Line 12)	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
14. Jurisdictional Loss Multiplier	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
15. JURISD. TOTAL FUEL & NET PWR. TRANS. Adjusted for Line Losses (Line 13 * Line 14)	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
16. Cost Per kWh Sold (Cents/kWh)	2.5499	2.0927	2.1486	2.4538	2.6060	2.4440	2.6242	2.6787	2.4665	2.5390	2.5764	3.0141	2.5245
17. Optimization Mechanism (Cents/kWh) ⁽²⁾	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058
18. True-up (Cents/kWh) ⁽²⁾	0.1579	0.1579	0.1579	0.1579	0.1579	-	-	-	-	-	-	-	-
19. Total (Cents/kWh) (Line 16+17+18)	2.7136	2.2564	2.3123	2.6175	2.7697	2.4498	2.6300	2.6845	2.4723	2.5448	2.5822	3.0199	2.5303
20. Revenue Tax Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
21. Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	2.7156	2.2580	2.3140	2.6194	2.7717	2.4516	2.6319	2.6864	2.4741	2.5466	2.5841	3.0221	2.5321
22. GPIF Adjusted for Taxes (Cents/kWh) ⁽²⁾	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213
23. TOTAL RECOVERY FACTOR (LINE 21+22)	2.7369	2.2793	2.3353	2.6407	2.7930	2.4729	2.6532	2.7077	2.4954	2.5679	2.6054	3.0434	2.5534
23. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH	2.737	2.279	2.335	2.641	2.793	2.473	2.653	2.708	2.495	2.568	2.605	3.043	2.553

⁽¹⁾ Includes Gains

⁽²⁾ Based on Jurisdictional Sales Only

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

SCHEDULE E2
 SUPPLEMENTAL
 PAGE 1 OF 3

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
A. Fuel Cost and Net Power Transactions													
1. Fuel Cost of System Net Generation	36,433,217	28,053,617	27,653,532	30,431,785	35,889,220	40,372,332	43,252,315	44,799,875	41,519,545	38,508,368	34,115,271	41,515,051	442,544,128
1a. Fuel Related R&D and Demo. Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Fuel Cost of Power Sold ⁽¹⁾	87,963	93,206	10,300	10,332	10,832	12,862	12,245	13,170	12,745	13,149	13,085	14,807	304,696
3. Fuel Cost of Purchased Power	2,767	(3,817)	0	0	0	0	29,430	46,600	21,210	0	0	810,650	906,841
3a. Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
3b. Payments to Qualifying Facilities	88,714	291,342	286,020	293,010	306,640	300,450	327,220	332,740	290,490	341,270	353,060	293,490	3,504,446
4. Energy Cost of Economy Purchases	314,503	260,337	201,780	3,815,160	4,358,110	3,915,780	6,518,100	6,583,010	6,338,680	6,760,150	4,193,550	417,970	43,677,129
5. Total Fuel and Net Power Transactions	36,751,238	28,508,273	28,131,032	34,529,623	40,543,138	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	490,327,848
6. Adj. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,433	351,177	239,247	0	0	0	0	0	0	0	1,657,348
6a. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
7. ADJUSTED TOTAL FUEL AND NET POWER TRANSACTIONS	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
B. MWh Sales													
1. Jurisdictional Sales	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
2. Non-Jurisdictional Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
3. TOTAL SALES	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
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	

⁽¹⁾ Includes Gains

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

SCHEDULE E2
SUPPLEMENTAL
PAGE 2 OF 3

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
C. True-Up Calculation													
1. Jurisdictional Fuel Revenue	43,077,818	40,611,832	39,102,131	42,192,857	46,945,698	48,280,871	50,832,222	51,378,926	52,000,641	47,092,250	38,570,212	36,600,298	536,685,756
2. Optimization Mechanism	(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)
2a. True-up Provision (Filed September 3, 2019)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	-	-	-	-	-	-	-	(12,809,180)
2b. 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)
3. JURISD. FUEL REVENUE APPLICABLE TO PERIOD	40,077,508	37,611,522	36,101,821	39,192,547	43,945,388	47,842,397	50,393,748	50,940,452	51,562,167	46,653,776	38,131,738	36,161,829	518,614,893
4. Adjusted Total Fuel and Net Power Transactions (Line A7)	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
5. Jurisdictional % of Total Sales (Line B4)	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 Total Fuel and Net Power Transactions	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
6a. 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	-
6b. JURISD. TOTAL FUEL & NET POWER TRANSACTIONS Adjusted for Line Losses	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
7. True-up Provision for Month +/- Collected (Line 3-6b-6b)	2,968,406	8,747,622	7,617,356	4,311,747	3,163,003	3,266,697	278,928	(808,603)	3,404,987	1,057,137	(517,058)	(6,860,525)	26,629,697
8. Interest Provision for the Month	10,982	21,803	42,826	65,599	77,247	85,616	89,017	88,695	90,236	93,394	94,044	87,610	847,069
9. Fuel savings credit for Lake Hancock generation per Second SoBRA stipulation	-	236,322	-	-	-	-	-	-	-	-	-	-	236,322
10. True-up and Interest Provision Beginning of Month	5,079,072	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	48,503,478	48,871,423	48,151,515	51,646,738	52,797,269	52,374,255	
11. True-up Collected (Refunded)	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	-	-	-	-	-	-	-	12,809,180
12. END OF PERIOD TOTAL NET TRUE-UP	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	48,503,478	48,871,423	48,151,515	51,646,738	52,797,269	52,374,255	45,601,340	

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

SCHEDULE E2
 SUPPLEMENTAL
 PAGE 3 OF 3

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
D. Interest Provision													
1. Beginning True-up Amount	5,079,072	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	48,503,478	48,871,423	48,151,515	51,646,738	52,797,269	52,374,255	
2. Ending True-up Amount Before Interest	10,609,314	22,166,076	32,367,071	39,283,480	45,073,918	48,417,862	48,782,406	48,062,820	51,556,502	52,703,875	52,280,211	45,513,730	
3. Total Beginning and Ending True-up Amount	15,688,386	32,786,372	54,554,950	71,693,377	84,422,997	93,569,027	97,285,884	96,934,243	99,708,017	104,350,613	105,077,480	97,887,985	
4. Average True-up Amount	7,844,193	16,393,186	27,277,475	35,846,689	42,211,499	46,784,514	48,642,942	48,467,122	49,854,009	52,175,307	52,538,740	48,943,993	
5. Interest Rate @ First Day of Month	1.710	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	
6. Interest Rate @ Last Day of Month	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	2.150	
7. Total Beginning and Ending Interest Rate	3.350	3.200	3.760	4.400	4.400	4.400	4.400	4.400	4.350	4.300	4.300	4.300	
8. Average Interest Rate	1.675	1.600	1.880	2.200	2.200	2.200	2.200	2.200	2.175	2.150	2.150	2.150	
9. Monthly Average Interest Rate	0.140	0.133	0.157	0.183	0.183	0.183	0.183	0.183	0.181	0.179	0.179	0.179	
10. Interest Provision	10,982	21,803	42,826	65,599	77,247	85,616	89,017	88,695	90,236	93,394	94,044	87,610	847,069

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

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20
FUEL COST OF SYSTEM NET GENERATION (\$)						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	0	0	254,966	254,966	254,966	254,966
3. COAL	5,976,802	1,044,084	0	2,853,709	4,836,331	4,660,067
4. NATURAL GAS	30,456,415	27,009,533	27,398,566	27,323,110	30,797,923	35,457,299
5. SOLAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL (\$)	36,433,217	28,053,617	27,653,532	30,431,785	35,889,220	40,372,332
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	0	0	1,080	1,080	1,080	1,080
10. COAL	179,937	-1,208	0	63,790	106,570	103,670
11. NATURAL GAS	1,246,304	1,336,780	1,328,750	1,200,880	1,379,180	1,581,580
12. SOLAR	59,607	69,676	103,180	148,040	161,460	138,480
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	1,485,848	1,405,248	1,433,010	1,413,790	1,648,290	1,824,810
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	0	0	2,000	2,000	2,000	2,000
17. COAL (TON)	82,330	0	0	36,430	61,500	59,730
18. NATURAL GAS (MCF)	10,057,418	10,067,881	9,695,510	8,801,260	9,880,670	11,606,730
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	11,560	11,560	11,560	11,560
23. COAL	1,900,555	0	0	819,700	1,383,760	1,343,830
24. NATURAL GAS	10,298,745	10,315,146	9,938,640	9,025,770	10,150,010	11,890,980
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	9,950,200	9,857,030	11,545,330	13,246,370
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	0.08	0.08	0.07	0.06
30. COAL	12.11	-0.09	0.00	4.51	6.46	5.68
31. NATURAL GAS	83.88	95.13	92.72	84.94	83.67	86.67
32. SOLAR	4.01	4.96	7.20	10.47	9.80	7.59
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	127.48	127.48	127.48	127.48
37. COAL (\$/TON)	72.60	0.00	0.00	78.33	78.64	78.02
38. NATURAL GAS (\$/MCF)	3.03	2.68	2.83	3.10	3.12	3.05
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	22.06	22.06	22.06	22.06
43. COAL	3.14	0.00	0.00	3.48	3.50	3.47
44. NATURAL GAS	2.96	2.62	2.76	3.03	3.03	2.98
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	2.78	3.09	3.11	3.05
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	0	0	10,704	10,704	10,704	10,704
50. COAL	10,562	0	0	12,850	12,985	12,963
51. NATURAL GAS	8,263	7,716	7,480	7,516	7,359	7,518
52. SOLAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	8,210	7,340	6,944	6,972	7,004	7,259
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	23.61	23.61	23.61	23.61
57. COAL	3.32	-86.43	0.00	4.47	4.54	4.50
58. NATURAL GAS	2.44	2.02	2.06	2.28	2.23	2.24
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	2.15	2.18	2.21

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

	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
FUEL COST OF SYSTEM NET GENERATION (\$)							
1. HEAVY OIL	0	0	0	0	0	0	0
2. LIGHT OIL	254,966	254,966	254,966	254,966	254,966	254,966	2,549,660
3. COAL	4,854,253	4,993,226	4,735,511	1,321,048	1,265,541	3,305,978	39,846,550
4. NATURAL GAS	38,143,096	39,551,683	36,529,068	36,932,354	32,594,764	37,954,107	400,147,918
5. SOLAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	43,252,315	44,799,875	41,519,545	38,508,368	34,115,271	41,515,051	442,544,128
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	1,080	1,080	1,080	1,080	1,080	1,080	10,800
10. COAL	108,900	113,730	107,050	29,330	27,960	74,660	914,389
11. NATURAL GAS	1,573,200	1,631,590	1,483,740	1,408,000	1,176,100	1,347,520	16,693,624
12. SOLAR	135,200	130,860	112,720	112,400	89,260	76,480	1,337,363
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	1,818,380	1,877,260	1,704,590	1,550,810	1,294,400	1,499,740	18,956,176
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	2,000	2,000	2,000	2,000	2,000	2,000	20,000
17. COAL (TON)	62,390	64,260	61,020	17,040	16,360	42,820	503,880
18. NATURAL GAS (MCF)	11,429,490	11,823,220	10,794,980	10,621,940	8,766,880	9,838,910	123,384,889
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	11,560	11,560	11,560	11,560	11,560	11,560	115,600
23. COAL	1,403,840	1,445,750	1,372,850	383,490	368,180	963,430	11,385,385
24. NATURAL GAS	11,721,630	12,125,050	11,068,000	10,865,290	8,967,770	10,081,350	126,448,381
25. SOLAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	13,137,030	13,582,360	12,452,410	11,260,340	9,347,510	11,056,340	137,949,365
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.06	0.06	0.06	0.07	0.08	0.07	0.06
30. COAL	5.98	6.06	6.29	1.89	2.16	4.98	4.82
31. NATURAL GAS	86.52	86.91	87.04	90.79	90.86	89.85	88.06
32. SOLAR	7.44	6.97	6.61	7.25	6.90	5.10	7.06
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)	127.48	127.48	127.48	127.48	127.48	127.48	127.48
37. COAL (\$/TON)	77.80	77.70	77.61	77.53	77.36	77.21	79.08
38. NATURAL GAS (\$/MCF)	3.34	3.35	3.38	3.48	3.72	3.86	3.24
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	22.06	22.06	22.06	22.06	22.06	22.06	22.06
43. COAL	3.46	3.45	3.45	3.44	3.44	3.43	3.50
44. NATURAL GAS	3.25	3.26	3.30	3.40	3.63	3.76	3.16
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)	3.29	3.30	3.33	3.42	3.65	3.75	3.21
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	10,704	10,704	10,704	10,704	10,704	10,704	10,704
50. COAL	12,891	12,712	12,824	13,075	13,168	12,904	12,451
51. NATURAL GAS	7,451	7,431	7,460	7,717	7,625	7,481	7,575
52. SOLAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	7,225	7,235	7,305	7,261	7,222	7,372	7,277
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	23.61	23.61	23.61	23.61	23.61	23.61	23.61
57. COAL	4.46	4.39	4.42	4.50	4.53	4.43	4.36
58. NATURAL GAS	2.42	2.42	2.46	2.62	2.77	2.82	2.40
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)	2.38	2.39	2.44	2.48	2.64	2.77	2.33

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ACTUAL FOR THE PERIOD: JANUARY 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	107	9.0	-	31.7	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	2,434	16.9	-	41.4	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	123	11.8	-	28.6	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	9,987	19.1	-	47.5	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	10,416	18.8	-	47.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.5	10,603	19.1	-	47.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	8,151	17.9	-	44.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	6,605	16.0	-	42.9	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	4,583	16.4	-	39.6	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	6,200	16.8	-	44.9	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR ⁽³⁾	74.8	(11)	-	-	-	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	409	-	-	-	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL	594.4	59,607	13.5	-	13.5	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	315	36,687	15.7	100.0	42.4	13,129	GAS	469,929	1,025,001	481,677.7	1,423,066	3.88	3.03
15. 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
16. 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
17. B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	355	181,071	68.6	98.9	68.6	11,396	-	-	-	2,063,407.0	6,096,117	3.37	-
19. B.B.#4 (GAS)	195	6,944	4.8	90.4	82.8	-	GAS	71,983	1,025,000	73,782.2	217,982	3.14	3.03
20. B.B.#4 (COAL)	442	181,218	55.1	90.4	70.1	-	COAL	82,330	23,084,544	1,900,554.7	5,976,802	3.30	72.60
21. BIG BEND #4 TOTAL	442	188,162	57.2	90.4	67.7	10,493	-	-	-	1,974,336.9	6,194,784	3.29	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	9,861	1,025,000	10,108.0	29,863	-	3.03
23. B.B.C.T.#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
24. BIG BEND STATION TOTAL	1,523	487,013	45.7	83.5	45.7	11,176	-	-	-	5,442,642.3	16,471,389	3.38	-
25. POLK #1 GASIFIER ⁽³⁾	157	(1,281)	-	-	-	-	COAL	-	-	-	-	-	-
26. POLK #1 CT (GAS & STEAM)	262	31,707	-	-	-	11,131	GAS	250,051	1,025,000	256,302.0	757,217	2.39	3.03
27. POLK #1 TOTAL	245	30,426	16.9	97.9	59.3	8,424	-	-	-	256,302.0	757,217	2.49	-
28. 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
29. POLK #2 ST W/O DUCT FIRING	360	229,912	85.8	-	-	-	-	-	-	-	-	-	-
30. POLK #2 ST TOTAL	480	242,756	68.0	99.4	85.6	-	GAS	-	-	107,889.0	318,747	0.13	-
31. 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
32. POLK #2 CT (OIL)	187	0	0.0	98.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
33. POLK #2 TOTAL	180	99,676	74.4	98.0	79.9	11,162	-	-	-	1,112,554.0	3,286,923	3.30	-
34. 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
35. POLK #3 CT (OIL)	187	0	0.0	99.9	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
36. POLK #3 TOTAL	180	93,794	70.0	99.9	80.4	10,921	-	-	-	1,024,343.0	3,026,313	3.23	-
37. POLK #4 CT (GAS) 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
38. POLK #5 CT (GAS) 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
39. POLK #2 CC TOTAL	1,200	636,823	71.3	99.4	71.3	6,938	-	-	-	4,418,591.0	13,054,259	2.05	-
40. POLK STATION TOTAL	1,445	667,249	62.2	99.2	62.2	7,006	-	-	-	4,674,893.0	13,811,476	2.07	-
41. BAYSIDE #1	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
42. BAYSIDE #2	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
43. BAYSIDE #3	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
44. BAYSIDE #4	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
45. BAYSIDE #5	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
46. BAYSIDE #6	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
47. 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
48. SYSTEM TOTAL	5,645	1,485,848	35.4	88.7	37.7	8,210	-	-	-	12,199,299.8	36,433,217	2.45	-

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

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Station Service

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ACTUAL FOR THE PERIOD: FEBRUARY 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	114	10.2	-	29.1	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	2,733	20.2	-	46.2	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	136	14.0	-	31.6	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	10,428	21.3	-	49.8	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	11,172	21.6	-	48.9	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.5	11,497	22.2	-	50.1	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	8,960	21.1	-	48.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	7,515	19.5	-	46.0	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	4,918	18.8	-	41.8	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	1,280	3.7	-	45.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR ⁽³⁾	74.8	(33)	-	-	-	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	10,956	26.6	-	47.6	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL	594.4	69,676	16.8	-	37.3	-	SOLAR	-	-	-	-	-	-
14. 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
15. 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
16. 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
17. B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	355	149,183	60.4	98.6	62.7	11,142	-	-	-	1,662,271.0	4,350,678	2.92	-
19. B.B.#4 (GAS)	195	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
20. B.B.#4 (COAL)	442	0	0.0	0.0	0.0	-	COAL	0	0	0.0	1,054,713	0.00	0.00
21. BIG BEND #4 TOTAL ⁽⁵⁾	442	0	0.0	0.0	0.0	0	-	-	-	0.0	1,054,713	0.00	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	4,325	1,025,000	4,433.0	11,603	-	2.68
23. B.B.C.T.#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
24. 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	-
25. POLK #1 GASIFIER ^{(6),(7)}	157	(1,208)	-	-	-	-	COAL	-	-	-	(10,629)	0.88	-
26. POLK #1 CT (GAS)	262	16,568	10.2	81	59.2	13,007	GAS	153,123	1,025,000	156,951.0	410,789	2.48	2.68
27. POLK #1 TOTAL	245	15,360	9.1	81.1	52.7	10,218	-	-	-	156,951.0	400,160	2.61	-
28. 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
29. POLK #2 ST W/O DUCT FIRING	360	212,868	85.0	-	-	-	-	-	-	-	-	-	-
30. POLK #2 ST TOTAL	480	225,041	67.4	88.1	78.4	-	GAS	-	-	102,248.0	267,615	0.12	-
31. 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
32. POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
33. POLK #2 TOTAL	180	101,894	81.3	100.0	82.1	11,169	-	-	-	1,138,042.0	2,978,608	2.92	-
34. 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
35. POLK #3 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
36. POLK #3 TOTAL	180	103,389	82.5	100.0	83.5	10,847	-	-	-	1,121,434.0	2,935,140	2.84	-
37. POLK #4 CT (GAS) 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
38. POLK #5 CT (GAS) 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
39. POLK #2 CC TOTAL	1,200	593,139	71.0	92.2	71.0	6,945	-	-	-	4,119,256.0	10,781,368	1.82	-
40. POLK STATION TOTAL	1,445	608,498	60.6	90.4	60.6	7,027	-	-	-	4,276,207.0	11,181,528	1.84	-
41. BAYSIDE #1	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
42. BAYSIDE #2	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
43. BAYSIDE #3	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
44. BAYSIDE #4	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
45. BAYSIDE #5	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
46. BAYSIDE #6	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
47. 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
48. SYSTEM TOTAL	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
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ Station Service

⁽⁴⁾ Test burn

⁽⁵⁾ Consists of fixed costs and aerial survey adjustment.

⁽⁶⁾ Polk's portion of the aerial survey adjustment.

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MARCH 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	330	27.7	-	27.7	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	260	1.8	-	1.8	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,130	396.5	-	396.5	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	13,350	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	13,850	25.0	-	25.0	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.5	17,510	31.6	-	31.6	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	11,150	24.5	-	24.5	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	10,210	24.8	-	24.8	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	8,360	30.0	-	30.0	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	6,510	17.7	-	17.7	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	17,520	31.6	-	31.6	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	103,180	23.3	-	23.3	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	315	7,610	3.2	70.6	43.9	12,926	GAS	95,690	1,028,007	98,370.0	270,411	3.55	2.83
15. BIG BEND #2 TOTAL	350	23,170	8.9	91.8	39.4	11,846	GAS	267,000	1,028,015	274,480.0	754,516	3.26	2.83
16. B.B.#3 (GAS)	355	41,490	15.7	-	-	-	GAS	455,000	1,027,978	467,730.0	1,285,786	3.10	2.83
17. B.B.#3 (COAL)	400	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	355	41,490	15.7	92.2	53.1	11,273	-	-	-	467,730.0	1,285,786	3.10	-
19. B.B.#4 (GAS)	195	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
20. B.B.#4 (COAL)	442	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
21. BIG BEND #4 TOTAL	442	0	0.0	0.0	0.0	0	-	-	-	0.0	0	0.00	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	27,550	-	28,330.0	77,854	-	2.83
23. B.B.C.T.#4 TOTAL	61	220	0.5	44.3	90.2	11,591	GAS	2,490	1,024,096	2,550.0	7,036	3.20	2.83
24. BIG BEND STATION TOTAL	1,523	72,490	6.4	59.0	47.0	11,631	-	-	-	843,130.0	2,395,602	3.30	-
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)	230	33,660	19.7	-	76.2	8,430	GAS	276,020	1,028,005	283,750.0	780,006	2.32	2.83
27. POLK #1 TOTAL	230	33,660	19.7	93.6	76.2	8,430	-	-	-	283,750.0	780,006	2.32	-
28. POLK #2 ST DUCT FIRING	120	6,670	7.5	-	83.0	8,165	GAS	52,980	1,027,935	54,460.0	149,716	2.24	2.83
29. POLK #2 ST W/O DUCT FIRING	360	710,590	-	-	-	-	-	4,792,620	1,027,999	4,926,810.0	13,543,477	1.91	2.83
30. POLK #2 ST TOTAL	480	717,260	200.8	-	186.6	6,945	GAS	-	-	4,981,270.0	13,693,193	1.91	-
31. POLK #2 CT (GAS)	180	1,260	0.9	-	100.0	11,048	GAS	13,550	1,027,306	13,920.0	38,291	3.04	2.83
32. POLK #2 CT (OIL)	187	540	0.4	-	48.1	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	180	1,800	1.3	-	75.6	10,944	-	-	-	19,700.0	165,774	9.21	-
34. POLK #3 CT (GAS)	180	1,080	0.8	-	100.0	10,991	GAS	11,550	1,027,706	11,870.0	32,639	3.02	2.83
35. POLK #3 CT (OIL)	187	540	0.4	-	48.1	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	180	1,620	1.2	-	73.6	10,895	-	-	-	17,650.0	160,122	9.88	-
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	720,680	80.7	97.2	183.2	6,964	-	-	-	5,018,620.0	14,019,089	1.95	-
40. POLK STATION TOTAL	1,430	754,340	70.9	96.6	163.0	7,029	-	-	-	5,302,370.0	14,799,095	1.96	-
41. BAYSIDE #1	792	197,790	33.6	65.9	59.6	7,325	GAS	1,409,340	1,027,999	1,448,800.0	3,982,658	2.01	2.83
42. BAYSIDE #2	1,047	301,000	38.6	96.9	41.4	7,666	GAS	2,244,650	1,028,004	2,307,510.0	6,343,161	2.11	2.83
43. BAYSIDE #3	61	690	1.5	57.2	87.0	11,696	GAS	7,860	1,026,718	8,070.0	22,212	3.22	2.83
44. BAYSIDE #4	61	490	1.1	98.6	89.3	11,735	GAS	5,590	1,028,623	5,750.0	15,797	3.22	2.83
45. BAYSIDE #5	61	1,590	3.5	98.6	86.9	11,352	GAS	17,560	1,027,904	18,050.0	49,623	3.12	2.83
46. BAYSIDE #6	61	1,440	3.2	98.6	84.3	11,472	GAS	16,060	1,028,643	16,520.0	45,384	3.15	2.83
47. BAYSIDE STATION TOTAL	2,083	503,000	32.5	84.1	47.3	7,564	GAS	3,701,060	1,028,003	3,804,700.0	10,458,835	2.08	2.83
48. SYSTEM TOTAL	5,630	1,433,010	34.2	71.6	93.1	6,944	-	-	-	9,950,200.0	27,653,532	1.93	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: APRIL 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	320	27.8	-	27.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	300	2.1	-	2.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,690	465.3	-	465.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	17,410	34.4	-	34.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	18,140	33.9	-	33.9	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	19,730	36.8	-	36.8	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	14,630	33.3	-	33.3	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	13,360	34.3	-	34.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	9,270	34.3	-	34.3	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	11,650	32.7	-	32.7	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	18,800	34.9	-	34.9	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	19,740	36.8	-	36.8	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	148,040	34.6	-	34.6	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	6,070	2.5	52.0	32.5	12,735	GAS	75,200	1,027,926	77,300.0	233,455	3.85	3.10
16. B.B.#3 (GAS)	345	27,750	11.2	-	-	-	GAS	305,990	1,028,007	314,560.0	949,932	3.42	3.10
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	27,750	11.2	92.2	55.9	11,335	-	-	-	314,560.0	949,932	3.42	-
19. B.B.#4 (GAS)	185	3,360	2.5	-	-	-	GAS	41,970	1,027,877	43,140.0	130,294	3.88	3.10
20. B.B.#4 (COAL)	437	63,790	20.3	-	-	-	COAL	36,430	22,500,686	819,700.0	2,853,709	4.47	78.33
21. BIG BEND #4 TOTAL	437	67,150	21.3	51.7	38.6	12,949	-	-	-	862,840.0	2,984,003	4.44	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	21,290	-	21,890.0	66,094	-	3.10
23. B.B.C.T.#4 TOTAL	56	640	1.6	81.8	87.9	11,609	GAS	7,230	1,027,663	7,430.0	22,445	3.51	3.10
24. BIG BEND STATION TOTAL	1,483	101,610	9.5	51.7	41.9	12,421	-	-	-	1,262,130.0	4,255,929	4.19	-
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	54,190	35.8	-	81.7	8,419	GAS	443,790	1,028,009	456,220.0	1,377,726	2.54	3.10
27. POLK #1 TOTAL	220	54,190	34.2	93.6	81.7	8,419	-	-	-	456,220.0	1,377,726	2.54	-
28. POLK #2 ST DUCT FIRING	120	3,120	3.6	-	53.1	8,279	GAS	25,130	1,027,855	25,830.0	78,015	2.50	3.10
29. POLK #2 ST W/O DUCT FIRING	341	404,190	-	-	-	-	-	2,725,400	1,028,000	2,801,710.0	8,460,879	2.09	3.10
30. POLK #2 ST TOTAL	461	407,310	122.7	-	137.8	6,942	GAS	-	-	2,827,540.0	8,538,894	2.10	-
31. POLK #2 CT (GAS)	150	1,140	1.1	-	95.0	11,623	GAS	12,890	1,027,929	13,250.0	40,017	3.51	3.10
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	1,680	1.6	-	78.0	11,327	-	-	-	19,030.0	167,500	9.97	-
34. POLK #3 CT (GAS)	150	3,510	3.3	-	80.7	12,459	GAS	42,550	1,027,732	43,730.0	132,095	3.76	3.10
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	4,050	3.8	-	76.4	12,225	-	-	-	49,510.0	259,578	6.41	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	940	0.9	-	69.6	13,287	GAS	12,150	1,027,984	12,490.0	37,719	4.01	3.10
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	420	0.4	-	70.0	13,262	GAS	5,420	1,027,675	5,570.0	16,826	4.01	3.10
39. POLK #2 CC TOTAL	1,061	414,400	54.2	76.5	132.3	7,032	-	-	-	2,914,140.0	9,020,517	2.18	-
40. POLK STATION TOTAL	1,281	468,590	50.8	79.5	116.6	7,193	-	-	-	3,370,360.0	10,398,243	2.22	-
41. BAYSIDE #1	721	357,460	68.9	97.2	70.8	7,373	GAS	2,563,670	1,027,995	2,635,440.0	7,958,796	2.23	3.10
42. BAYSIDE #2	955	335,360	48.8	96.9	50.8	7,624	GAS	2,487,020	1,028,001	2,556,660.0	7,720,840	2.30	3.10
43. BAYSIDE #3	56	890	2.2	98.6	98.2	11,432	GAS	9,790	1,027,579	10,060.0	30,393	3.45	3.10
44. BAYSIDE #4	56	780	1.9	55.9	87.1	11,590	GAS	8,800	1,027,273	9,040.0	27,319	3.50	3.10
45. BAYSIDE #5	56	260	0.6	55.9	66.3	13,077	GAS	3,300	1,030,303	3,400.0	10,245	3.94	3.10
46. BAYSIDE #6	56	810	2.0	59.2	80.4	12,272	GAS	9,670	1,027,921	9,940.0	30,020	3.71	3.10
47. BAYSIDE STATION TOTAL	1,900	695,550	50.8	93.5	59.6	7,511	GAS	5,082,250	1,027,997	5,224,540.0	15,777,613	2.27	3.10
48. SYSTEM TOTAL	5,258	1,413,790	37.3	67.7	83.3	6,972	-	-	-	9,857,030.0	30,431,785	2.15	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MAY 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	340	28.6	-	28.6	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	320	2.2	-	2.2	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	5,060	485.8	-	485.8	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	19,560	37.4	-	37.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	20,360	36.8	-	36.8	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	20,540	37.1	-	37.1	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	16,380	36.0	-	36.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	14,940	36.2	-	36.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	10,090	36.2	-	36.2	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	13,020	35.4	-	35.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	20,290	36.5	-	36.5	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	20,560	37.1	-	37.1	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	161,460	36.5	-	36.5	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	0	0.0	26.7	0.0	0	GAS	0	0	0.0	0	0.00	0.00
16. B.B.#3 (GAS)	345	14,710	5.7	-	-	-	GAS	160,200	1,027,965	164,680.0	499,342	3.39	3.12
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	14,710	5.7	65.4	59.2	11,195	-	-	-	164,680.0	499,342	3.39	-
19. B.B.#4 (GAS)	185	5,610	4.1	-	-	-	GAS	70,840	1,027,950	72,820.0	220,807	3.94	3.12
20. B.B.#4 (COAL)	437	106,570	32.8	-	-	-	COAL	61,500	22,500,163	1,383,760.0	4,836,331	4.54	78.64
21. BIG BEND #4 TOTAL	437	112,180	34.5	86.2	37.5	12,984	-	-	-	1,456,580.0	5,057,138	4.51	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	7,100	-	7,300.0	22,131	-	3.12
23. B.B.C.T.#4 TOTAL	56	690	1.7	98.2	82.1	11,696	GAS	7,850	1,028,025	8,070.0	24,468	3.55	3.12
24. BIG BEND STATION TOTAL	1,483	127,580	11.6	50.4	39.4	12,771	-	-	-	1,629,330.0	5,603,079	4.39	-
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	38,670	24.8	-	83.7	8,380	GAS	315,220	1,027,980	324,040.0	982,537	2.54	3.12
27. POLK #1 TOTAL	220	38,670	23.6	93.6	83.7	8,380	-	-	-	324,040.0	982,537	2.54	-
28. POLK #2 ST DUCT FIRING	120	6,740	7.5	-	58.5	8,274	GAS	54,250	1,028,018	55,770.0	169,097	2.51	3.12
29. POLK #2 ST W/O DUCT FIRING	341	585,560	-	-	-	-	-	3,937,870	1,028,000	4,048,130.0	12,274,291	2.10	3.12
30. POLK #2 ST TOTAL	461	592,300	172.7	-	155.4	6,929	GAS	-	-	4,103,900.0	12,443,388	2.10	-
31. POLK #2 CT (GAS)	150	280	0.3	-	93.3	11,821	GAS	3,220	1,027,950	3,310.0	10,036	3.58	3.12
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	820	0.7	-	65.4	11,085	-	-	-	9,090.0	137,519	16.77	-
34. POLK #3 CT (GAS)	150	470	0.4	-	78.3	12,426	GAS	5,680	1,028,169	5,840.0	17,704	3.77	3.12
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,010	0.9	-	65.0	11,505	-	-	-	11,620.0	145,187	14.37	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	470	0.4	-	78.3	12,489	GAS	5,710	1,028,021	5,870.0	17,798	3.79	3.12
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	594,600	75.3	88.2	153.1	6,947	-	-	-	4,130,480.0	12,743,892	2.14	-
40. POLK STATION TOTAL	1,281	633,270	66.4	89.1	138.8	7,034	-	-	-	4,454,520.0	13,726,429	2.17	-
41. BAYSIDE #1	721	373,960	69.7	97.2	72.4	7,363	GAS	2,678,510	1,027,997	2,753,500.0	8,348,882	2.23	3.12
42. BAYSIDE #2	955	347,170	48.9	96.9	50.3	7,636	GAS	2,578,880	1,028,001	2,651,090.0	8,038,335	2.32	3.12
43. BAYSIDE #3	56	1,220	2.9	98.6	90.8	11,582	GAS	13,760	1,026,890	14,130.0	42,890	3.52	3.12
44. BAYSIDE #4	56	1,000	2.4	98.6	94.0	11,450	GAS	11,130	1,028,751	11,450.0	34,692	3.47	3.12
45. BAYSIDE #5	56	1,390	3.3	98.6	80.1	11,957	GAS	16,160	1,028,465	16,620.0	50,371	3.62	3.12
46. BAYSIDE #6	56	1,240	3.0	95.4	82.0	11,847	GAS	14,290	1,027,992	14,690.0	44,542	3.59	3.12
47. BAYSIDE STATION TOTAL	1,900	725,980	51.4	97.1	59.9	7,523	GAS	5,312,730	1,027,999	5,461,480.0	16,559,712	2.28	3.12
48. SYSTEM TOTAL	5,258	1,648,290	42.1	71.0	89.1	7,004	-	-	-	11,545,330.0	35,889,220	2.18	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JUNE 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	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	290	2.1	-	2.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,490	445.4	-	445.4	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	16,920	33.4	-	33.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	17,560	32.8	-	32.8	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	17,620	32.8	-	32.8	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	14,130	32.1	-	32.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	12,890	32.3	-	32.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	8,750	32.4	-	32.4	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	11,210	31.5	-	31.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	16,680	31.0	-	31.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	17,650	32.9	-	32.9	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	138,480	32.4	-	32.4	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	36,390	14.9	91.8	37.3	12,220	GAS	432,590	1,027,994	444,700.0	1,321,515	3.63	3.05
16. B.B.#3 (GAS)	345	45,810	18.4	-	-	-	GAS	501,000	1,028,004	515,030.0	1,530,500	3.34	3.05
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	45,810	18.4	89.1	58.0	11,243	-	-	-	515,030.0	1,530,500	3.34	-
19. B.B.#4 (GAS)	185	5,460	4.1	-	-	-	GAS	68,800	1,028,052	70,730.0	210,176	3.85	3.05
20. B.B.#4 (COAL)	437	103,670	32.9	-	-	-	COAL	59,730	22,498,410	1,343,830.0	4,660,067	4.50	78.02
21. BIG BEND #4 TOTAL	437	109,130	34.7	86.2	37.7	12,962	-	-	-	1,414,560.0	4,870,243	4.46	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	39,660	-	40,770.0	121,157	-	3.05
23. B.B.C.T.#4 TOTAL	56	210	0.5	98.2	93.8	11,571	GAS	2,360	1,029,661	2,430.0	7,210	3.43	3.06
24. BIG BEND STATION TOTAL	1,483	191,540	17.9	70.9	41.1	12,408	-	-	-	2,376,720.0	7,850,626	4.10	-
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	55,050	36.4	-	85.4	8,369	GAS	448,140	1,028,005	460,690.0	1,369,019	2.49	3.05
27. POLK #1 TOTAL	220	55,050	34.8	93.6	85.4	8,369	-	-	-	460,690.0	1,369,019	2.49	-
28. POLK #2 ST DUCT FIRING	120	13,500	15.6	-	72.1	8,276	GAS	108,680	1,027,972	111,720.0	332,006	2.46	3.05
29. POLK #2 ST W/O DUCT FIRING	341	638,190	-	-	-	-	-	4,292,540	1,028,000	4,412,730.0	13,113,244	2.05	3.05
30. POLK #2 ST TOTAL	461	651,690	196.3	-	163.2	6,943	GAS	-	-	4,524,450.0	13,445,250	2.06	-
31. POLK #2 CT (GAS)	150	1,310	1.2	-	97.0	11,527	GAS	14,690	1,027,910	15,100.0	44,875	3.43	3.05
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	1,850	1.7	-	80.3	11,286	-	-	-	20,880.0	172,358	9.32	-
34. POLK #3 CT (GAS)	150	1,050	1.0	-	100.0	11,486	GAS	11,730	1,028,133	12,060.0	35,834	3.41	3.05
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,590	1.5	-	79.3	11,220	-	-	-	17,840.0	163,317	10.27	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	130	0.1	-	86.7	12,154	GAS	1,540	1,025,974	1,580.0	4,705	3.62	3.06
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	655,260	85.8	98.2	160.5	6,966	-	-	-	4,564,750.0	13,785,630	2.10	-
40. POLK STATION TOTAL	1,281	710,310	77.0	97.4	141.3	7,075	-	-	-	5,025,440.0	15,154,649	2.13	-
41. BAYSIDE #1	721	386,690	74.5	97.2	76.9	7,335	GAS	2,759,210	1,028,001	2,836,470.0	8,429,087	2.18	3.05
42. BAYSIDE #2	955	395,300	57.5	96.9	59.0	7,533	GAS	2,896,850	1,027,999	2,977,960.0	8,849,561	2.24	3.05
43. BAYSIDE #3	56	600	1.5	98.6	82.4	12,067	GAS	7,040	1,028,409	7,240.0	21,506	3.58	3.05
44. BAYSIDE #4	56	290	0.7	98.6	86.3	12,103	GAS	3,400	1,032,353	3,510.0	10,387	3.58	3.06
45. BAYSIDE #5	56	1,040	2.6	98.6	84.4	12,106	GAS	12,240	1,028,595	12,590.0	37,392	3.60	3.05
46. BAYSIDE #6	56	560	1.4	98.6	100.0	11,500	GAS	6,260	1,028,754	6,440.0	19,124	3.42	3.05
47. BAYSIDE STATION TOTAL	1,900	784,480	57.3	97.2	66.8	7,450	GAS	5,685,000	1,028,005	5,844,210.0	17,367,057	2.21	3.05
48. SYSTEM TOTAL	5,258	1,824,810	48.2	78.8	92.4	7,259	-	-	-	13,246,370.0	40,372,332	2.21	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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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) ⁽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	19.4	290	2.0	-	2.0	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,340	416.7	-	416.7	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	16,400	31.4	-	31.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	17,010	30.7	-	30.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	17,410	31.4	-	31.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	13,690	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	12,500	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	8,520	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	10,850	29.5	-	29.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	16,450	29.6	-	29.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	17,450	31.5	-	31.5	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	135,200	30.6	-	30.6	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	15,250	6.0	91.8	37.7	12,178	GAS	180,660	1,027,953	185,710.0	602,908	3.95	3.34
16. B.B.#3 (GAS)	345	41,560	16.2	-	-	-	GAS	458,150	1,028,026	470,990.0	1,528,962	3.68	3.34
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	41,560	16.2	92.2	55.8	11,333	-	-	-	470,990.0	1,528,962	3.68	-
19. B.B.#4 (GAS)	185	5,730	4.2	-	-	-	GAS	71,870	1,028,106	73,890.0	239,848	4.19	3.34
20. B.B.#4 (COAL)	437	108,900	33.5	-	-	-	COAL	62,390	22,501,042	1,403,840.0	4,854,253	4.46	77.80
21. BIG BEND #4 TOTAL	437	114,630	35.3	86.2	38.3	12,891	-	-	-	1,477,730.0	5,094,101	4.44	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	27,140	-	27,900.0	90,573	-	3.34
23. B.B.C.T.#4 TOTAL	56	280	0.7	98.2	100.0	11,357	GAS	3,090	1,029,126	3,180.0	10,312	3.68	3.34
24. BIG BEND STATION TOTAL	1,483	171,720	15.6	71.6	41.4	12,448	-	-	-	2,137,610.0	7,326,857	4.27	-
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	53,480	34.2	-	83.0	8,407	GAS	437,380	1,027,985	449,620.0	1,459,648	2.73	3.34
27. POLK #1 TOTAL	220	53,480	32.7	93.6	83.0	8,407	-	-	-	449,620.0	1,459,648	2.73	-
28. POLK #2 ST DUCT FIRING	120	9,940	11.1	-	59.6	8,270	GAS	79,970	1,027,885	82,200.0	266,880	2.68	3.34
29. POLK #2 ST W/O DUCT FIRING	341	647,070	-	-	-	-	-	4,350,740	1,028,000	4,472,560.0	14,519,519	2.24	3.34
30. POLK #2 ST TOTAL	461	657,010	191.6	-	163.8	6,933	GAS	-	-	4,554,760.0	14,786,399	2.25	-
31. POLK #2 CT (GAS)	150	1,330	1.2	-	98.5	11,496	GAS	14,870	1,028,245	15,290.0	49,624	3.73	3.34
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	1,870	1.7	-	81.2	11,267	-	-	-	21,070.0	177,107	9.47	-
34. POLK #3 CT (GAS)	150	1,320	1.2	-	97.8	11,568	GAS	14,860	1,027,591	15,270.0	49,592	3.76	3.34
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,860	1.7	-	80.7	11,317	-	-	-	21,050.0	177,075	9.52	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	900	0.8	-	100.0	11,411	GAS	9,990	1,028,028	10,270.0	33,339	3.70	3.34
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	600	0.5	-	100.0	11,417	GAS	6,660	1,028,529	6,850.0	22,226	3.70	3.34
39. POLK #2 CC TOTAL	1,061	662,240	83.9	98.1	160.4	6,967	-	-	-	4,614,000.0	15,196,146	2.29	-
40. POLK STATION TOTAL	1,281	715,720	75.1	97.4	140.8	7,075	-	-	-	5,063,620.0	16,655,794	2.33	-
41. BAYSIDE #1	721	399,180	74.4	97.2	76.4	7,336	GAS	2,848,720	1,027,999	2,928,480.0	9,506,898	2.98	3.34
42. BAYSIDE #2	955	393,700	55.4	96.9	56.9	7,550	GAS	2,891,550	1,027,999	2,972,510.0	9,649,833	2.45	3.34
43. BAYSIDE #3	56	530	1.3	98.6	86.0	12,321	GAS	6,340	1,029,968	6,530.0	21,158	3.99	3.34
44. BAYSIDE #4	56	310	0.7	98.6	92.3	12,161	GAS	3,670	1,027,248	3,770.0	12,248	3.95	3.34
45. BAYSIDE #5	56	1,040	2.5	98.6	80.7	12,115	GAS	12,260	1,027,732	12,600.0	40,915	3.93	3.34
46. BAYSIDE #6	56	980	2.4	98.6	79.5	12,153	GAS	11,570	1,029,386	11,910.0	38,612	3.94	3.34
47. BAYSIDE STATION TOTAL	1,900	795,740	56.3	97.2	65.4	7,459	GAS	5,774,110	1,028,003	5,935,800.0	19,269,664	2.42	3.34
48. SYSTEM TOTAL	5,258	1,818,380	46.5	79.0	92.2	7,225	-	-	-	13,137,030.0	43,252,315	2.38	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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) ⁽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	19.4	270	1.9	-	1.9	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,250	408.0	-	408.0	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	15,830	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	16,410	29.6	-	29.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	16,830	30.4	-	30.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	13,220	29.1	-	29.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	12,080	29.3	-	29.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	8,380	30.0	-	30.0	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	10,470	28.4	-	28.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	15,940	28.6	-	28.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	16,890	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	130,860	29.6	-	29.6	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	24,790	9.8	91.8	37.4	12,213	GAS	294,510	1,028,013	302,760.0	985,211	3.97	3.35
16. B.B.#3 (GAS)	345	29,410	11.5	-	-	-	GAS	323,240	1,027,998	332,290.0	1,081,320	3.68	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	345	29,410	11.5	92.2	56.5	11,299	-	-	-	332,290.0	1,081,320	3.68	-
19. B.B.#4 (GAS)	185	5,990	4.4	-	-	-	GAS	74,020	1,027,965	76,090.0	247,616	4.13	3.35
20. B.B.#4 (COAL)	437	113,730	35.0	-	-	-	COAL	64,280	22,498,444	1,445,750.0	4,993,226	4.39	77.70
21. BIG BEND #4 TOTAL	437	119,720	36.8	86.2	40.0	12,712	-	-	-	1,521,840.0	5,240,842	4.38	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	28,390	-	29,190.0	94,972	-	3.35
23. B.B.C.T.#4 TOTAL	56	540	1.3	98.2	80.4	11,963	GAS	6,280	1,028,662	6,460.0	21,008	3.89	3.35
24. BIG BEND STATION TOTAL	1,483	174,460	15.8	71.6	41.8	12,400	-	-	-	2,163,350.0	7,423,353	4.26	-
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	48,760	31.2	-	85.7	8,372	GAS	397,120	1,028,002	408,240.0	1,328,468	2.72	3.35
27. POLK #1 TOTAL	220	48,760	29.8	93.6	85.7	8,372	-	-	-	408,240.0	1,328,468	2.72	-
28. POLK #2 ST DUCT FIRING	120	13,790	15.4	-	67.6	8,275	GAS	111,000	1,028,018	114,110.0	371,323	2.69	3.35
29. POLK #2 ST W/O DUCT FIRING	341	640,440	-	-	-	-	-	4,306,690	1,027,998	4,427,270.0	14,406,975	2.25	3.35
30. POLK #2 ST TOTAL	461	654,230	190.7	-	157.0	6,942	GAS	-	-	4,541,380.0	14,778,298	2.26	-
31. POLK #2 CT (GAS)	150	360	0.3	-	80.0	12,333	GAS	4,320	1,027,778	4,440.0	14,452	4.01	3.35
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	900	0.8	-	64.1	11,356	-	-	-	10,220.0	141,935	15.77	-
34. POLK #3 CT (GAS)	150	1,140	1.0	-	84.4	12,105	GAS	13,430	1,027,550	13,800.0	44,927	3.94	3.35
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,680	1.5	-	72.9	11,655	-	-	-	19,580.0	172,410	10.26	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	820	0.7	-	91.1	11,890	GAS	9,490	1,027,397	9,750.0	31,746	3.87	3.35
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	570	0.5	-	95.0	11,596	GAS	6,430	1,027,994	6,610.0	21,510	3.77	3.35
39. POLK #2 CC TOTAL	1,061	658,200	83.4	96.6	154.1	6,970	-	-	-	4,587,540.0	15,145,899	2.30	-
40. POLK STATION TOTAL	1,281	706,960	74.2	96.1	138.7	7,067	-	-	-	4,995,780.0	16,474,367	2.33	-
41. BAYSIDE #1	721	418,100	77.9	97.2	80.1	7,315	GAS	2,975,080	1,027,999	3,058,380.0	9,952,400	2.98	3.35
42. BAYSIDE #2	955	441,850	62.2	96.9	63.9	7,482	GAS	3,215,690	1,028,000	3,305,730.0	10,757,303	2.43	3.35
43. BAYSIDE #3	56	1,270	3.0	98.6	87.2	11,764	GAS	14,550	1,026,804	14,940.0	48,673	3.83	3.35
44. BAYSIDE #4	56	650	1.6	98.6	82.9	12,154	GAS	7,690	1,027,308	7,900.0	25,725	3.96	3.35
45. BAYSIDE #5	56	1,730	4.2	98.6	90.9	11,659	GAS	19,620	1,028,033	20,170.0	65,634	3.79	3.35
46. BAYSIDE #6	56	1,380	3.3	98.6	88.0	11,674	GAS	15,670	1,028,079	16,110.0	52,420	3.80	3.35
47. BAYSIDE STATION TOTAL	1,900	864,980	61.2	97.2	71.0	7,426	GAS	6,248,300	1,027,996	6,423,230.0	20,902,155	2.42	3.35
48. SYSTEM TOTAL	5,258	1,877,260	48.0	78.7	95.1	7,235	-	-	-	13,582,360.0	44,799,875	2.39	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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	19.4	220	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,530	350.2	-	350.2	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	13,770	27.2	-	27.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	14,270	26.6	-	26.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.5	14,470	27.0	-	27.0	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	11,490	26.1	-	26.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	10,510	26.3	-	26.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	6,780	25.1	-	25.1	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	9,100	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	13,800	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	14,520	27.1	-	27.1	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	112,720	26.3	-	26.3	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	19,240	7.9	91.8	35.6	12,381	GAS	231,740	1,027,962	238,220.0	784,184	4.08	3.38
16. B.B.#3 (GAS)	345	29,580	11.9	-	-	-	GAS	323,560	1,028,001	332,620.0	1,094,893	3.70	3.38
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	29,580	11.9	92.2	57.5	11,245	-	-	-	332,620.0	1,094,893	3.70	-
19. B.B.#4 (GAS)	185	5,630	4.2	-	-	-	GAS	70,290	1,028,027	72,260.0	237,854	4.22	3.38
20. B.B.#4 (COAL)	437	107,050	34.0	-	-	-	COAL	61,020	22,498,361	1,372,850.0	4,735,511	4.42	77.61
21. BIG BEND #4 TOTAL	437	112,680	35.8	86.2	38.9	12,825	-	-	-	1,445,110.0	4,973,365	4.41	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	28,390	-	29,190.0	96,069	-	3.38
23. B.B.C.T.#4 TOTAL	56	150	0.4	98.2	44.6	14,933	GAS	2,190	1,022,831	2,240.0	7,411	4.94	3.38
24. BIG BEND STATION TOTAL	1,483	161,650	15.1	71.6	40.9	12,485	-	-	-	2,018,190.0	6,955,921	4.30	-
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	68,900	45.6	-	84.8	8,380	GAS	561,650	1,028,007	577,380.0	1,900,564	2.76	3.38
27. POLK #1 TOTAL	220	68,900	43.5	93.6	84.8	8,380	-	-	-	577,380.0	1,900,564	2.76	-
28. POLK #2 ST DUCT FIRING	120	11,520	13.3	-	56.5	8,274	GAS	92,730	1,027,931	95,320.0	313,788	2.72	3.38
29. POLK #2 ST W/O DUCT FIRING	341	490,250	-	-	-	-	-	3,297,580	1,027,999	3,389,910.0	11,158,661	2.28	3.38
30. POLK #2 ST TOTAL	461	501,770	151.2	-	124.0	6,946	GAS	-	-	3,485,230.0	11,472,449	2.29	-
31. POLK #2 CT (GAS)	150	360	0.3	-	80.0	12,611	GAS	4,420	1,027,149	4,540.0	14,957	4.15	3.38
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	900	0.8	-	64.1	11,467	-	-	-	10,320.0	142,440	15.83	-
34. POLK #3 CT (GAS)	150	120	0.1	-	80.0	12,750	GAS	1,490	1,026,846	1,530.0	5,042	4.20	3.38
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	660	0.6	-	59.8	11,076	-	-	-	7,310.0	132,525	20.08	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	120	0.1	-	80.0	13,000	GAS	1,520	1,026,316	1,560.0	5,144	4.29	3.38
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	503,450	65.9	74.6	122.8	6,961	-	-	-	3,504,420.0	11,752,558	2.33	-
40. POLK STATION TOTAL	1,281	572,350	62.1	77.8	111.3	7,132	-	-	-	4,081,800.0	13,653,122	2.39	-
41. BAYSIDE #1	721	405,660	78.1	97.2	81.0	7,310	GAS	2,884,570	1,027,997	2,965,330.0	9,761,079	2.41	3.38
42. BAYSIDE #2	955	448,310	65.2	96.9	67.0	7,449	GAS	3,248,360	1,027,999	3,339,310.0	10,992,105	2.45	3.38
43. BAYSIDE #3	56	800	2.0	98.6	79.4	12,200	GAS	9,500	1,027,368	9,760.0	32,147	4.02	3.38
44. BAYSIDE #4	56	600	1.5	98.6	76.5	12,483	GAS	7,290	1,027,435	7,490.0	24,669	4.11	3.38
45. BAYSIDE #5	56	1,530	3.8	98.6	78.1	12,222	GAS	18,190	1,028,037	18,700.0	61,553	4.02	3.38
46. BAYSIDE #6	56	970	2.4	98.6	75.3	12,196	GAS	11,510	1,027,802	11,830.0	38,949	4.02	3.38
47. BAYSIDE STATION TOTAL	1,900	857,870	62.7	97.2	73.0	7,405	GAS	6,179,420	1,027,996	6,352,420.0	20,910,502	2.44	3.38
48. SYSTEM TOTAL	5,258	1,704,590	45.0	74.3	88.8	7,305	-	-	-	12,452,410.0	41,519,545	2.44	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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	19.4	230	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,650	350.4	-	350.4	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	13,610	26.0	-	26.0	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	14,110	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	14,130	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	11,340	24.9	-	24.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	10,380	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	7,160	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	8,990	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	14,330	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	14,180	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	112,400	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	42,910	17.0	91.8	44.3	11,677	GAS	487,400	1,028,006	501,050.0	1,694,684	3.95	3.48
16. B.B.#3 (GAS)	345	73,160	28.5	-	-	-	GAS	801,720	1,028,002	824,170.0	2,787,571	3.81	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	345	73,160	28.5	86.2	57.5	11,265	-	-	-	824,170.0	2,787,571	3.81	-
19. B.B.#4 (GAS)	185	1,540	1.1	-	-	-	GAS	19,630	1,028,018	20,180.0	68,253	4.43	3.48
20. B.B.#4 (COAL)	437	29,330	9.0	-	-	-	COAL	17,040	22,505,282	383,490.0	1,321,048	4.50	77.53
21. BIG BEND #4 TOTAL	437	30,870	9.5	86.2	36.6	13,076	-	-	-	403,670.0	1,389,301	4.50	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	52,600	-	54,060.0	182,890	-	3.48
23. B.B.C.T.#4 TOTAL	56	1,700	4.1	98.2	84.3	11,782	GAS	19,490	1,027,707	20,030.0	67,766	3.99	3.48
24. BIG BEND STATION TOTAL	1,483	148,640	13.5	70.2	48.2	11,766	-	-	-	1,748,920.0	6,122,212	4.12	-
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	15,990	10.2	-	83.7	8,340	GAS	129,710	1,028,063	133,350.0	451,000	2.82	3.48
27. POLK #1 TOTAL	220	15,990	9.8	63.4	83.7	8,340	-	-	-	133,350.0	451,000	2.82	-
28. POLK #2 ST DUCT FIRING	120	8,400	9.4	-	60.9	8,273	GAS	67,590	1,028,111	69,490.0	235,010	2.80	3.48
29. POLK #2 ST W/O DUCT FIRING	341	414,830	-	-	-	-	-	2,792,110	1,028,000	2,870,290.0	9,708,132	2.34	3.48
30. POLK #2 ST TOTAL	461	423,230	123.4	-	127.0	6,946	GAS	-	-	2,939,780.0	9,943,142	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	540	0.5	-	56.6	10,704	LG T OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	540	0.5	-	56.6	10,704	-	-	-	5,780.0	127,483	23.61	-
34. POLK #3 CT (GAS)	150	5,820	5.2	-	88.2	11,959	GAS	67,710	1,027,913	69,600.0	235,427	4.05	3.48
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LG T OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	6,360	5.7	-	84.2	11,852	-	-	-	75,380.0	362,910	5.71	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	6,280	5.6	-	89.1	11,890	GAS	72,640	1,027,946	74,670.0	252,568	4.02	3.48
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	4,260	3.8	-	94.7	11,671	GAS	48,360	1,028,122	49,720.0	168,147	3.95	3.48
39. POLK #2 CC TOTAL	1,061	440,670	55.8	69.4	120.8	7,138	-	-	-	3,145,330.0	10,854,250	2.46	-
40. POLK STATION TOTAL	1,281	456,660	47.9	68.3	117.2	7,180	-	-	-	3,278,680.0	11,305,250	2.48	-
41. BAYSIDE #1	721	404,460	75.4	97.2	78.0	7,327	GAS	2,882,950	1,027,999	2,963,670.0	10,023,981	2.48	3.48
42. BAYSIDE #2	955	416,900	58.7	96.9	60.3	7,513	GAS	3,046,680	1,028,001	3,131,990.0	10,593,269	2.54	3.48
43. BAYSIDE #3	56	2,750	6.6	98.6	92.7	11,545	GAS	30,890	1,027,841	31,750.0	107,404	3.91	3.48
44. BAYSIDE #4	56	2,170	5.2	98.6	94.5	11,438	GAS	24,140	1,028,169	24,820.0	83,934	3.87	3.48
45. BAYSIDE #5	56	3,980	9.6	98.6	83.6	11,884	GAS	46,020	1,027,814	47,300.0	160,011	4.02	3.48
46. BAYSIDE #6	56	2,850	6.8	98.6	89.3	11,653	GAS	32,300	1,028,173	33,210.0	112,307	3.94	3.48
47. BAYSIDE STATION TOTAL	1,900	833,110	58.9	97.2	68.1	7,481	GAS	6,062,980	1,027,999	6,232,740.0	21,080,906	2.53	3.48
48. SYSTEM TOTAL	5,258	1,550,810	39.6	71.6	86.4	7,261	-	-	-	11,260,340.0	38,508,368	2.48	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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	19.4	180	1.3	-	1.3	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,020	299.6	-	299.6	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	10,170	20.1	-	20.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	10,540	19.7	-	19.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	12,110	22.6	-	22.6	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	8,450	19.2	-	19.2	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	7,740	19.4	-	19.4	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	6,060	22.4	-	22.4	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	6,730	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	11,840	22.0	-	22.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	12,150	22.7	-	22.7	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	89,260	20.9	-	20.9	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	43,250	17.7	91.8	37.4	12,215	GAS	513,900	1,028,002	528,290.0	1,910,651	4.42	3.72
16. B.B.#3 (GAS)	345	35,980	14.5	-	-	-	GAS	397,640	1,028,015	408,780.0	1,478,403	4.11	3.72
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	35,980	14.5	67.6	55.2	11,361	-	-	-	408,780.0	1,478,403	4.11	-
19. B.B.#4 (GAS)	185	1,470	1.1	-	-	-	GAS	18,850	1,028,117	19,380.0	70,083	4.77	3.72
20. B.B.#4 (COAL)	437	27,960	8.9	-	-	-	COAL	16,360	22,504,890	368,180.0	1,265,541	4.53	77.36
21. BIG BEND #4 TOTAL	437	29,430	9.4	83.3	35.8	13,169	-	-	-	387,560.0	1,335,624	4.54	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	43,410	-	44,630.0	161,396	-	3.72
23. B.B.C.T.#4 TOTAL	56	500	1.2	98.2	42.5	15,420	GAS	7,500	1,028,000	7,710.0	27,885	5.58	3.72
24. BIG BEND STATION TOTAL	1,483	109,160	10.2	65.0	41.5	12,205	-	-	-	1,332,340.0	4,913,959	4.50	-
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	81,760	54.1	-	82.8	8,299	GAS	660,060	1,028,013	678,550.0	2,454,066	3.00	3.72
27. POLK #1 TOTAL	220	81,760	51.6	93.6	82.8	8,299	-	-	-	678,550.0	2,454,066	3.00	-
28. POLK #2 ST DUCT FIRING	120	8,460	9.8	-	57.8	8,275	GAS	68,100	1,028,047	70,010.0	253,192	2.99	3.72
29. POLK #2 ST W/O DUCT FIRING	341	516,380	-	-	-	-	-	3,473,590	1,028,000	3,570,850.0	12,914,611	2.50	3.72
30. POLK #2 ST TOTAL	461	524,840	158.1	-	136.8	6,937	GAS	-	-	3,640,860.0	13,167,803	2.51	-
31. POLK #2 CT (GAS)	150	1,410	1.3	-	94.0	11,667	GAS	16,000	1,028,125	16,450.0	59,487	4.22	3.72
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	1,950	1.8	-	79.5	11,400	-	-	-	22,230.0	186,970	9.59	-
34. POLK #3 CT (GAS)	150	1,410	1.3	-	94.0	11,688	GAS	16,030	1,028,072	16,480.0	59,599	4.23	3.72
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,950	1.8	-	79.5	11,415	-	-	-	22,260.0	187,082	9.59	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	1,260	1.2	-	93.3	11,683	GAS	14,320	1,027,933	14,720.0	53,241	4.23	3.72
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	1,260	1.2	-	93.3	11,706	GAS	14,350	1,027,875	14,750.0	53,352	4.23	3.72
39. POLK #2 CC TOTAL	1,061	531,260	69.5	80.4	133.9	6,992	-	-	-	3,714,820.0	13,648,448	2.57	-
40. POLK STATION TOTAL	1,281	613,020	66.5	82.7	116.1	7,167	-	-	-	4,393,370.0	16,102,514	2.63	-
41. BAYSIDE #1	721	348,960	67.2	97.2	69.5	7,384	GAS	2,506,700	1,028,001	2,576,890.0	9,319,769	2.67	3.72
42. BAYSIDE #2	955	128,730	18.7	58.1	53.5	7,589	GAS	950,300	1,028,012	976,920.0	3,533,161	2.74	3.72
43. BAYSIDE #3	56	1,160	2.9	98.6	66.8	13,095	GAS	14,760	1,029,133	15,190.0	54,877	4.73	3.72
44. BAYSIDE #4	56	780	1.9	98.6	60.6	13,718	GAS	10,410	1,027,858	10,700.0	38,704	4.96	3.72
45. BAYSIDE #5	56	1,980	4.9	98.6	73.7	12,520	GAS	24,120	1,027,778	24,790.0	89,677	4.53	3.72
46. BAYSIDE #6	56	1,350	3.3	98.6	68.9	12,822	GAS	16,840	1,027,910	17,310.0	62,610	4.64	3.72
47. BAYSIDE STATION TOTAL	1,900	482,960	35.3	77.7	64.4	7,499	GAS	3,523,130	1,028,006	3,621,800.0	13,098,798	2.71	3.72
48. SYSTEM TOTAL	5,258	1,294,400	34.2	66.6	93.7	7,222	-	-	-	9,347,510.0	34,115,271	2.64	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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	19.4	160	1.1	-	1.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,740	263.1	-	263.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	8,540	16.3	-	16.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	8,840	16.0	-	16.0	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.5	10,490	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	7,100	15.6	-	15.6	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	6,510	15.8	-	15.8	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	5,080	18.2	-	18.2	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	5,650	15.3	-	15.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	10,560	19.0	-	19.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	10,550	19.0	-	19.0	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	76,480	17.3	-	17.3	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	315	0	0.0	2.3	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	350	33,810	13.0	91.8	51.7	11,145	GAS	366,560	1,027,990	376,820.0	1,414,024	4.18	3.86
16. B.B.#3 (GAS)	355	33,350	12.6	-	-	-	GAS	355,470	1,027,991	365,420.0	1,371,244	4.11	3.86
17. B.B.#3 (COAL)	400	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	355	33,350	12.6	92.2	61.8	10,957	-	-	-	365,420.0	1,371,244	4.11	-
19. B.B.#4 (GAS)	195	3,930	2.7	-	-	-	GAS	49,320	1,028,183	50,710.0	190,254	4.84	3.86
20. B.B.#4 (COAL)	442	74,660	22.7	-	-	-	COAL	42,820	22,499,533	963,430.0	3,305,978	4.43	77.21
21. BIG BEND #4 TOTAL	442	78,590	23.9	61.1	36.6	12,904	-	-	-	1,014,140.0	3,496,232	4.45	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	32,140	-	33,030.0	123,982	-	3.86
23. B.B.C.T.#4 TOTAL	61	1,680	3.7	98.2	72.5	11,708	GAS	19,130	1,028,228	19,670.0	73,795	4.39	3.86
24. BIG BEND STATION TOTAL	1,523	147,430	13.0	64.7	44.1	12,047	-	-	-	1,776,050.0	6,479,277	4.39	-
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)	230	52,110	30.5	-	84.9	8,260	GAS	418,700	1,028,015	430,430.0	1,615,157	3.10	3.86
27. POLK #1 TOTAL	230	52,110	30.5	93.6	84.9	8,260	-	-	-	430,430.0	1,615,157	3.10	-
28. POLK #2 ST DUCT FIRING	120	17,240	19.3	-	83.0	8,176	GAS	137,110	1,028,007	140,950.0	528,909	3.07	3.86
29. POLK #2 ST W/O DUCT FIRING	360	699,970	-	-	-	-	-	4,719,840	1,027,999	4,851,990.0	18,207,029	2.60	3.86
30. POLK #2 ST TOTAL	480	717,210	200.8	-	164.7	6,962	GAS	-	-	4,992,940.0	18,735,938	2.61	-
31. POLK #2 CT (GAS)	180	160	0.1	-	88.9	12,125	GAS	1,890	1,026,455	1,940.0	7,290	4.56	3.86
32. POLK #2 CT (OIL)	187	540	0.4	-	48.1	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	180	700	0.5	-	53.8	11,029	-	-	-	7,720.0	134,773	19.25	-
34. POLK #3 CT (GAS)	180	690	0.5	-	95.8	11,188	GAS	7,520	1,026,596	7,720.0	29,009	4.20	3.86
35. POLK #3 CT (OIL)	187	540	0.4	-	48.1	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	180	1,230	0.9	-	66.8	10,976	-	-	-	13,500.0	156,492	12.72	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	180	690	0.5	-	95.8	11,188	GAS	7,520	1,026,596	7,720.0	29,009	4.20	3.86
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	180	520	0.4	-	96.3	11,327	GAS	5,730	1,027,923	5,890.0	22,104	4.25	3.86
39. POLK #2 CC TOTAL	1,200	720,350	80.7	97.2	162.3	6,980	-	-	-	5,027,770.0	19,078,316	2.65	-
40. POLK STATION TOTAL	1,430	772,460	72.6	96.6	145.1	7,066	-	-	-	5,458,200.0	20,693,473	2.68	-
41. BAYSIDE #1	792	215,050	36.5	59.6	64.3	7,293	GAS	1,525,670	1,028,007	1,568,400.0	5,885,351	2.74	3.86
42. BAYSIDE #2	1,047	274,090	35.2	96.9	43.1	7,637	GAS	2,036,150	1,027,999	2,093,160.0	7,854,555	2.87	3.86
43. BAYSIDE #3	61	3,620	8.0	98.6	88.6	11,285	GAS	39,740	1,027,932	40,850.0	153,299	4.23	3.86
44. BAYSIDE #4	61	3,160	7.0	98.6	87.8	11,247	GAS	34,580	1,027,762	35,540.0	133,394	4.22	3.86
45. BAYSIDE #5	61	3,760	8.3	98.6	88.1	11,316	GAS	41,390	1,028,026	42,550.0	159,664	4.25	3.86
46. BAYSIDE #6	61	3,690	8.1	98.6	89.0	11,271	GAS	40,450	1,028,183	41,590.0	156,038	4.23	3.86
47. BAYSIDE STATION TOTAL	2,083	503,370	32.5	82.9	51.1	7,593	GAS	3,717,980	1,028,002	3,822,090.0	14,342,301	2.85	3.86
48. SYSTEM TOTAL	5,630	1,499,740	35.8	72.7	89.6	7,372	-	-	-	11,056,340.0	41,515,051	2.77	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

SCHEDULE B5

TAMPA ELECTRIC COMPANY

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS

ACTUAL ESTIMATED FORTHE PERIOD JANUARY 2020 THROUGH JUNE 2020

	ACTUAL JAN-20	ESTIMATED FEB-20	ESTIMATED MAR-20	ESTIMATED APR-20	ESTIMATED MAY-20	ESTIMATED 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
BURNED:						
5. UNITS (BBL)	0	0	0	0	0	0
6. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
7. AMOUNT (\$)	0	0	0	0	0	0
ENDING INVENTORY:						
8. UNITS (BBL)	0	0	0	0	0	0
9. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
10. AMOUNT (\$)	0	0	0	0	0	0
11. UNITS (BBL)	0	0	0	0	0	0
12. UNIT COST (\$/BBL)	0	0	0	0	0	0
13. AMOUNT (\$)	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0
LIGHT OIL						
PURCHASES:						
14. UNITS (BBL)	0	0	0	0	0	0
15. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
16. AMOUNT (\$)	0	0	0	0	0	0
17. UNITS (BBL)	0	0	0	0	0	0
18. UNIT COST (\$/BBL)	0	0	2,000	2,000	2,000	2,000
19. AMOUNT (\$)	0	0	127,48	127,48	127,48	127,48
20. UNITS (BBL)	0	0	254,966	254,966	254,966	254,966
21. UNIT COST (\$/BBL)	0	0	0.00	0.00	0.00	0.00
22. AMOUNT (\$)	0	0	0	0	0	0
ENDING INVENTORY:						
23. UNITS (BBL)	42,562	42,562	40,562	38,562	36,562	34,562
24. UNIT COST (\$/BBL)	127,48	127,48	127,48	127,48	127,48	127,48
25. AMOUNT (\$)	5,425,905	5,425,905	5,170,939	4,915,973	4,661,007	4,406,041
26. DAYS SUPPLY: NORMAL	577	577	617	586	556	526
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	5	5
COAL						
PURCHASES:						
28. UNITS (TONS)	2,587	0	0	108,000	118,000	70,000
29. UNIT COST (\$/TON)	2,57	0.00	0.00	72,92	71,66	59,27
30. AMOUNT (\$)	6,638	0	0	7,875,138	8,455,828	4,148,180
31. UNITS (TONS)	82,330	0	0	36,430	61,500	59,730
32. UNIT COST (\$/TON)	72,60	0.00	0.00	78,33	78,64	78,02
33. AMOUNT (\$)	5,976,802	1,044,084	0	2,853,709	4,836,331	4,660,067
ENDING INVENTORY:						
34. UNITS (TONS)	222,715	204,744	204,744	276,314	332,814	345,084
35. UNIT COST (\$/TON)	70,88	70,66	70,66	71,62	71,95	69,64
36. AMOUNT (\$)	15,787,080	14,488,163	14,488,163	19,788,711	23,913,172	23,892,716
37. UNITS (TONS)	306	1,276	192	159	167	169
38. UNIT COST (\$/TON)						
39. AMOUNT (\$)						
40. DAYS SUPPLY:						
NATURAL GAS						
PURCHASES:						
41. UNITS (MCF)	10,059,170	10,089,027	9,590,918	8,801,260	9,977,947	11,606,730
42. UNIT COST (\$/MCF)	3,03	2,68	2,81	3,11	3,11	3,06
43. AMOUNT (\$)	30,489,800	27,050,486	26,906,463	27,331,510	31,004,523	35,485,299
44. UNITS (MCF)	10,057,418	10,067,981	9,695,510	8,801,260	9,880,670	11,606,730
45. UNIT COST (\$/MCF)	3,03	2,68	2,83	3,10	3,12	3,05
46. AMOUNT (\$)	30,456,415	27,009,533	27,398,566	27,323,110	30,797,923	35,457,299
ENDING INVENTORY:						
47. UNITS (MCF)	375,375	396,521	291,829	291,829	389,105	389,105
48. UNIT COST (\$/MCF)	2,65	2,61	1,88	1,89	1,95	2,02
49. AMOUNT (\$)	995,349	1,036,302	544,200	552,800	759,200	787,200
50. UNITS (MCF)	1	1	1	1	1	1
51. UNIT COST (\$/MCF)						
52. AMOUNT (\$)						
53. DAYS SUPPLY:						
NUCLEAR						
BURNED:						
54. UNITS (MMBTU)	0	0	0	0	0	0
55. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
56. AMOUNT (\$)	0	0	0	0	0	0
57. UNITS (MMBTU)	0	0	0	0	0	0
58. UNIT COST (\$/MMBTU)	0	0	0	0	0	0
59. AMOUNT (\$)	0	0	0	0	0	0
60. UNITS (MMBTU)	0	0	0	0	0	0
61. UNIT COST (\$/MMBTU)	0	0	0	0	0	0
62. AMOUNT (\$)	0	0	0	0	0	0
ENDING INVENTORY:						
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. UNITS (MMBTU)	0	0	0	0	0	0
67. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
68. AMOUNT (\$)	0	0	0	0	0	0
69. UNITS (MMBTU)	0	0	0	0	0	0
70. UNIT COST (\$/MMBTU)	0	0	0	0	0	0
71. AMOUNT (\$)	0	0	0	0	0	0
72. DAYS SUPPLY:	0	0	0	0	0	0

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

SCHEDULE E5

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

	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED 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)	0	0	0	0	0	0	0
16. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17. AMOUNT (\$)	0	0	0	0	0	0	0
18. BURNED:							
19. UNITS (BBL)	2,000	2,000	2,000	2,000	2,000	2,000	20,000
20. UNIT COST (\$/BBL)	127.48	127.48	127.48	127.48	127.48	127.48	127.48
21. AMOUNT (\$)	254,966	254,966	254,966	254,966	254,966	254,966	2,549,660
22. ENDING INVENTORY:							
23. UNITS (BBL)	32,562	30,562	28,562	26,562	24,562	22,562	22,562
24. UNIT COST (\$/BBL)	127.48	127.48	127.48	127.48	127.48	127.48	127.48
25. AMOUNT (\$)	4,151,074	3,896,108	3,641,142	3,386,176	3,131,209	2,876,243	2,876,243
26. DAYS SUPPLY: NORMAL	495	465	434	404	374	343	-
27. DAYS SUPPLY: EMERGENCY	5	4	4	4	4	3	-
COAL							
28. PURCHASES:							
29. UNITS (TONS)	34,000	15,000	15,000	15,000	30,000	30,000	437,587
30. UNIT COST (\$/TON)	59.27	59.27	59.27	59.27	59.27	59.27	65.65
31. AMOUNT (\$)	2,015,316	889,110	889,110	889,110	1,778,220	1,778,220	28,725,870
32. BURNED:							
33. UNITS (TONS)	62,390	64,260	61,020	17,040	16,360	42,820	503,880
34. UNIT COST (\$/TON)	77.80	77.70	77.61	77.53	77.36	77.21	79.08
35. AMOUNT (\$)	4,854,253	4,993,226	4,735,511	1,321,048	1,265,541	3,305,978	39,846,550
36. ENDING INVENTORY:							
37. UNITS (TONS)	314,694	265,434	219,414	217,374	231,014	218,194	218,194
38. UNIT COST (\$/TON)	68.53	67.77	66.74	66.03	64.93	63.35	63.35
39. AMOUNT (\$)	21,566,051	17,989,560	14,644,182	14,352,156	14,999,163	13,822,992	13,822,992
40. DAYS SUPPLY:	154	172	211	262	178	124	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	11,429,490	11,823,220	10,794,980	10,621,940	8,669,603	9,838,910	123,303,095
43. UNIT COST (\$/MCF)	3.34	3.35	3.38	3.48	3.74	3.86	3.24
44. AMOUNT (\$)	38,173,496	39,566,883	36,529,868	36,946,754	32,421,764	38,018,307	399,924,953
45. BURNED:							
46. UNITS (MCF)	11,429,490	11,823,220	10,794,980	10,621,940	8,766,880	9,838,910	123,384,889
47. UNIT COST (\$/MCF)	3.34	3.35	3.38	3.48	3.72	3.86	3.24
48. AMOUNT (\$)	38,143,096	39,551,683	36,529,068	36,932,354	32,594,764	37,954,107	400,147,918
49. ENDING INVENTORY:							
50. UNITS (MCF)	389,105	389,105	389,105	389,105	291,829	291,829	291,829
51. UNIT COST (\$/MCF)	2.10	2.14	2.14	2.18	2.31	2.53	2.53
52. AMOUNT (\$)	817,600	832,800	833,600	848,000	675,000	739,200	739,200
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	-

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

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

SCHEDULE E6

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)	
						CENTS/KWH					
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	MWH WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	FUEL COST (A)	TOTAL COST (B)	TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST \$	GAINS ON SALES	
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.	MKT. BASE	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.	MKT. BASE	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
ESTIMATED											
Mar-20	SEMINOLE	JURISD.	SCH. - D	530.0	0.0	530.0	1.828	1.943	9,690.00	10,300.00	610.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			530.0	0.0	530.0	1.828	1.943	9,690.00	10,300.00	610.00
ESTIMATED											
Apr-20	SEMINOLE	JURISD.	SCH. - D	600.0	0.0	600.0	1.620	1.722	9,720.00	10,332.00	612.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			600.0	0.0	600.0	1.620	1.722	9,720.00	10,332.00	612.00
ESTIMATED											
May-20	SEMINOLE	JURISD.	SCH. - D	570.0	0.0	570.0	1.788	1.900	10,190.00	10,832.00	642.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			570.0	0.0	570.0	1.788	1.900	10,190.00	10,832.00	642.00
ESTIMATED											
Jun-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	2.086	2.218	12,100.00	12,862.00	762.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	2.086	2.218	12,100.00	12,862.00	762.00

TAMPA ELECTRIC COMPANY
POWER SOLD

SCHEDULE E6

ESTIMATED FOR THE PERIOD: JULY 2020 THROUGH DECEMBER 2020

(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 SALES	
				WHEELED	FROM	MWH	(A)				(B)
				OTHER	FROM OWN	FUEL	TOTAL				
ESTIMATED											
Jul-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	1.986	2.111	11,520.00	12,245.00	725.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	1.986	2.111	11,520.00	12,245.00	725.00
ESTIMATED											
Aug-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	2.136	2.271	12,390.00	13,170.00	780.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	2.136	2.271	12,390.00	13,170.00	780.00
ESTIMATED											
Sep-20	SEMINOLE	JURISD.	SCH. - D	570.0	0.0	570.0	2.104	2.236	11,990.00	12,745.00	755.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			570.0	0.0	570.0	2.104	2.236	11,990.00	12,745.00	755.00
ESTIMATED											
Oct-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	2.133	2.267	12,370.00	13,149.00	779.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	2.133	2.267	12,370.00	13,149.00	779.00
ESTIMATED											
Nov-20	SEMINOLE	JURISD.	SCH. - D	570.0	0.0	570.0	2.160	2.296	12,310.00	13,085.00	775.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			570.0	0.0	570.0	2.160	2.296	12,310.00	13,085.00	775.00
ESTIMATED											
Dec-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	2.402	2.553	13,930.00	14,807.00	877.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	2.402	2.553	13,930.00	14,807.00	877.00
TOTAL	SEMINOLE	JURISD.	SCH. - D	13,365.0	0.0	13,365.0	1.919	2.078	256,410.87	277,747.96	16,453.36
Jan-20	VARIOUS	JURISD.	MKT. BASE	1,050.0	0.0	1,050.0	1.932	3.174	20,284.50	33,326.26	11,546.26
THRU	TOTAL			14,415.0	0.0	14,415.0	1.919	2.158	276,695.37	311,074.22	27,999.62
Dec-20											

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

SCHEDULE E7

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT
							(A) FUEL COST	(B) TOTAL COST	
ACTUAL									
Jan-20			96.0	0.0	0.0	96.0	2.883	2.883	2,767.40
	TOTAL		96.0	0.0	0.0	96.0	2.883	2.883	2,767.40
ACTUAL									
Feb-20			(276.0)	0.0	0.0	(276.0)	1.383	1.383	(3,816.90)
	TOTAL		(276.0)	0.0	0.0	(276.0)	1.383	1.383	(3,816.90)
ESTIMATED									
Mar-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Apr-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
May-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Jun-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Jul-20			690.0	0.0	0.0	690.0	4.265	4.265	29,430.00
	TOTAL		690.0	0.0	0.0	690.0	4.265	4.265	29,430.00
ESTIMATED									
Aug-20			1,080.0	0.0	0.0	1,080.0	4.315	4.315	46,600.00
	TOTAL		1,080.0	0.0	0.0	1,080.0	4.315	4.315	46,600.00
ESTIMATED									
Sep-20			490.0	0.0	0.0	490.0	4.329	4.329	21,210.00
	TOTAL		490.0	0.0	0.0	490.0	4.329	4.329	21,210.00
ESTIMATED									
Oct-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Nov-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Dec-20			21,860.0	0.0	0.0	21,860.0	3.708	3.708	810,650.00
	TOTAL		21,860.0	0.0	0.0	21,860.0	3.708	3.708	810,650.00
TOTAL									
Jan-20			23,940.0	0.0	0.0	23,940.0	3.788	3.788	906,840.50
THRU	TOTAL		23,940.0	0.0	0.0	23,940.0	3.788	3.788	906,840.50
Dec-20									

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	1.975	1.975	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
ESTIMATED	VARIOUS	CO-GEN.							
Mar-20		AS AVAIL.	10,360.0	0.0	0.0	10,360.0	2.761	2.761	286,020.00
	TOTAL		10,360.0	0.0	0.0	10,360.0	2.761	2.761	286,020.00
ESTIMATED	VARIOUS	CO-GEN.							
Apr-20		AS AVAIL.	10,280.0	0.0	0.0	10,280.0	2.850	2.850	293,010.00
	TOTAL		10,280.0	0.0	0.0	10,280.0	2.850	2.850	293,010.00
ESTIMATED	VARIOUS	CO-GEN.							
May-20		AS AVAIL.	10,380.0	0.0	0.0	10,380.0	2.954	2.954	306,640.00
	TOTAL		10,380.0	0.0	0.0	10,380.0	2.954	2.954	306,640.00
ESTIMATED	VARIOUS	CO-GEN.							
Jun-20		AS AVAIL.	10,250.0	0.0	0.0	10,250.0	2.931	2.931	300,450.00
	TOTAL		10,250.0	0.0	0.0	10,250.0	2.931	2.931	300,450.00
ESTIMATED	VARIOUS	CO-GEN.							
Jul-20		AS AVAIL.	10,400.0	0.0	0.0	10,400.0	3.146	3.146	327,220.00
	TOTAL		10,400.0	0.0	0.0	10,400.0	3.146	3.146	327,220.00
ESTIMATED	VARIOUS	CO-GEN.							
Aug-20		AS AVAIL.	10,420.0	0.0	0.0	10,420.0	3.193	3.193	332,740.00
	TOTAL		10,420.0	0.0	0.0	10,420.0	3.193	3.193	332,740.00
ESTIMATED	VARIOUS	CO-GEN.							
Sep-20		AS AVAIL.	10,220.0	0.0	0.0	10,220.0	2.842	2.842	290,490.00
	TOTAL		10,220.0	0.0	0.0	10,220.0	2.842	2.842	290,490.00
ESTIMATED	VARIOUS	CO-GEN.							
Oct-20		AS AVAIL.	10,450.0	0.0	0.0	10,450.0	3.266	3.266	341,270.00
	TOTAL		10,450.0	0.0	0.0	10,450.0	3.266	3.266	341,270.00
ESTIMATED	VARIOUS	CO-GEN.							
Nov-20		AS AVAIL.	10,270.0	0.0	0.0	10,270.0	3.438	3.438	353,060.00
	TOTAL		10,270.0	0.0	0.0	10,270.0	3.438	3.438	353,060.00
ESTIMATED	VARIOUS	CO-GEN.							
Dec-20		AS AVAIL.	10,380.0	0.0	0.0	10,380.0	2.827	2.827	293,490.00
	TOTAL		10,380.0	0.0	0.0	10,380.0	2.827	2.827	293,490.00
TOTAL	VARIOUS	CO-GEN.							
Jan-20		NET METERING	2,161.3	0.0	0.0	2,161.3	2.207	2.207	47,702.86
THRU		AS AVAIL.	121,776.0	0.0	0.0	121,776.0	2.839	2.839	3,456,742.78
Dec-20	TOTAL		123,937.3	0.0	0.0	123,937.3	2.828	2.828	3,504,445.64

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

SCHEDULE E9

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR INTERRUPTIBLE	(6) MWH FOR FIRM	(7) TRANSACTION COST cents/KWH	(8) TOTAL \$ FOR FUEL ADJUSTMENT	(9) COST IF GENERATED		(10) FUEL SAVINGS (9B)-(8)
								(A) CENTS PER KWH	(B) (\$000)	
ACTUAL										
Jan-20	VARIOUS	ECONOMY	8,366.0	0.0	8,366.0	3.759	314,502.80	3.808	318,546.00	4,043.20
ACTUAL										
Feb-20	VARIOUS	ECONOMY	9,063.0	0.0	9,063.0	2.873	260,336.62	2.993	271,282.37	10,945.75
ESTIMATED										
Mar-20	VARIOUS	ECONOMY	5,160.0	0.0	5,160.0	3.910	201,780.00	22.602	1,166,250.00	964,470.00
ESTIMATED										
Apr-20	VARIOUS	ECONOMY	146,540.0	0.0	146,540.0	2.603	3,815,160.00	2.751	4,031,010.00	215,850.00
ESTIMATED										
May-20	VARIOUS	ECONOMY	150,240.0	0.0	150,240.0	2.901	4,358,110.00	2.968	4,458,400.00	100,290.00
ESTIMATED										
Jun-20	VARIOUS	ECONOMY	135,310.0	0.0	135,310.0	2.894	3,915,780.00	3.354	4,538,780.00	623,000.00
ESTIMATED										
Jul-20	VARIOUS	ECONOMY	217,170.0	0.0	217,170.0	3.001	6,518,100.00	3.234	7,023,590.00	505,490.00
ESTIMATED										
Aug-20	VARIOUS	ECONOMY	218,200.0	0.0	218,200.0	3.017	6,583,010.00	3.570	7,790,360.00	1,207,350.00
ESTIMATED										
Sep-20	VARIOUS	ECONOMY	210,540.0	0.0	210,540.0	3.011	6,338,680.00	3.656	7,697,610.00	1,358,930.00
ESTIMATED										
Oct-20	VARIOUS	ECONOMY	219,880.0	0.0	219,880.0	3.074	6,760,150.00	3.912	8,602,030.00	1,841,880.00
ESTIMATED										
Nov-20	VARIOUS	ECONOMY	145,460.0	0.0	145,460.0	2.883	4,193,550.00	3.749	5,453,860.00	1,260,310.00
ESTIMATED										
Dec-20	VARIOUS	ECONOMY	10,280.0	0.0	10,280.0	4.066	417,970.00	13.866	1,425,430.00	1,007,460.00
TOTAL	VARIOUS	ECONOMY	1,476,209.0	0.0	1,476,209.0	2.959	43,677,129.42	3.575	52,777,148.37	9,100,018.95

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DOCKET NO. 20200001-EI
FAC 2020 MID-COURSE CORRECTION
EXHIBIT B, PAGE 31 OF 38

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

	Current	Projected	Projected	Difference (June-Aug vs Feb-May)		Difference (Sept-Dec vs Feb-May)	
	Feb 20 - May 20	June 20 - Aug 20	Sept 20 - Dec 20	\$	%	\$	%
Base Rate Revenue	67.76	67.76	67.76	0.00	0.0%	0.00	0.0%
Fuel Recovery Revenue	27.02	22.85	22.85	(4.17)	-15.4%	(4.17)	-15.4%
Conservation Revenue	2.32	2.32	2.32	0.00	0.0%	0.00	0.0%
Capacity Revenue	0.10	(0.12)	(0.12)	(0.22)	-220.0%	(0.22)	-220.0%
Environmental Revenue	2.44	2.44	2.44	0.00	0.0%	0.00	0.0%
Fuel Credit	-	(18.40)	-	(18.40)	0.0%	0.00	0.0%
Florida Gross Receipts Tax Revenue	2.55	1.97	2.44	(0.58)	-22.7%	(0.11)	-4.3%
TOTAL REVENUE	\$102.19	\$78.82	\$97.69	(\$23.37)	-22.9%	(\$4.50)	-4.4%

SCHEDULE H1

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

	ACTUAL 2017	ACTUAL 2018	ACTUAL 2019	ACT/EST 2020	DIFFERENCE (%)		
					2018-2017	2019-2018	2020-2019
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
2 LIGHT OIL ⁽¹⁾	10,825	51,583	183,150	2,549,660	376.5%	255.1%	1292.1%
3 COAL	198,469,769	125,828,296	45,241,314	39,846,550	-36.6%	-64.0%	-11.9%
4 NATURAL GAS	412,107,824	505,830,903	480,359,200	400,147,918	22.7%	-5.0%	-16.7%
5 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
6 OTHER	0	0	0	0	0.0%	0.0%	0.0%
7 TOTAL (\$)	610,588,418	631,710,782	525,783,664	442,544,128	3.5%	-16.8%	-15.8%
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
9 LIGHT OIL ⁽¹⁾	36	173	582	10,800	380.6%	236.4%	1755.7%
10 COAL	6,013,495	3,533,451	1,194,254	914,389	-41.2%	-66.2%	-23.4%
11 NATURAL GAS	13,685,288	16,096,514	17,513,363	16,693,624	17.6%	8.8%	-4.7%
12 SOLAR	44,594	118,322	756,215	1,337,363	165.3%	539.1%	76.8%
13 OTHER	0	0	0	0	0.0%	0.0%	0.0%
14 TOTAL (MWH)	19,743,413	19,748,460	19,464,414	18,956,176	0.0%	-1.4%	-2.6%
UNITS OF FUEL BURNED							
15 HEAVY OIL (BBL) ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
16 LIGHT OIL (BBL) ⁽¹⁾	85	405	1,436	20,000	376.5%	254.6%	1292.8%
17 COAL (TON)	2,655,830	1,626,026	570,012	503,880	-38.8%	-64.9%	-11.6%
18 NATURAL GAS (MCF)	100,512,457	121,581,188	137,873,625	123,384,889	21.0%	13.4%	-10.5%
19 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
20 OTHER	0	0	0	0	0.0%	0.0%	0.0%
BTUS BURNED (MMBTU)							
21 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
22 LIGHT OIL ⁽¹⁾	495	1,349	8,362	115,600	172.5%	519.9%	1282.4%
23 COAL	64,801,532	38,881,879	13,177,799	11,385,385	-40.0%	-66.1%	-13.6%
24 NATURAL GAS	102,771,003	124,229,756	140,983,651	126,448,381	20.9%	13.5%	-10.3%
25 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
26 OTHER	0	0	0	0	0.0%	0.0%	0.0%
27 TOTAL (MMBTU)	167,573,029	163,112,984	154,169,812	137,949,365	-2.7%	-5.5%	-10.5%
GENERATION MIX (% MWH)							
28 HEAVY OIL ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
29 LIGHT OIL ⁽¹⁾	0.00	0.00	0.00	0.06	0.0%	0.0%	0.0%
30 COAL	30.45	17.89	6.13	4.82	-41.2%	-65.7%	-21.4%
31 NATURAL GAS	69.32	81.51	89.98	88.06	17.6%	10.4%	-2.1%
32 SOLAR	0.23	0.60	3.89	7.06	160.9%	548.3%	81.5%
33 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
34 TOTAL (%)	100.00	100.00	100.00	100.00	0.0%	0.0%	0.0%
FUEL COST PER UNIT							
35 HEAVY OIL (\$/BBL) ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
36 LIGHT OIL (\$/BBL) ⁽¹⁾	127.35	127.37	127.54	127.48	0.0%	0.1%	0.0%
37 COAL (\$/TON)	74.73	77.38	79.37	79.08	3.5%	2.6%	-0.4%
38 NATURAL GAS (\$/MCF)	4.10	4.16	3.48	3.24	1.5%	-16.3%	-6.9%
39 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
40 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
FUEL COST PER MMBTU (\$/MMBTU)							
41 HEAVY OIL ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
42 LIGHT OIL ⁽¹⁾	21.87	38.24	21.90	22.06	74.9%	-42.7%	0.7%
43 COAL	3.06	3.24	3.43	3.50	5.9%	5.9%	2.0%
44 NATURAL GAS	4.01	4.07	3.41	3.16	1.5%	-16.2%	-7.3%
45 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
46 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
47 TOTAL (\$/MMBTU)	3.64	3.87	3.41	3.21	6.3%	-11.9%	-5.9%
BTU BURNED PER KWH (BTU/KWH)							
48 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
49 LIGHT OIL ⁽¹⁾	13,750	7,798	14,368	10,704	-43.3%	84.3%	-25.5%
50 COAL	10,776	11,004	11,034	12,451	2.1%	0.3%	12.8%
51 NATURAL GAS	7,510	7,718	8,050	7,575	2.8%	4.3%	-5.9%
52 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
53 OTHER	0	0	0	0	0.0%	0.0%	0.0%
54 TOTAL (BTU/KWH)	8,488	8,260	7,921	7,277	-2.7%	-4.1%	-8.1%
GENERATED FUEL COST PER KWH (cents/KWH)							
55 HEAVY OIL ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
56 LIGHT OIL ⁽¹⁾	30.07	29.82	31.47	23.61	-0.8%	5.5%	-25.0%
57 COAL	3.30	3.56	3.79	4.36	7.9%	6.5%	15.0%
58 NATURAL GAS	3.01	3.14	2.74	2.40	4.3%	-12.7%	-12.4%
59 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
60 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
61 TOTAL (cents/KWH)	3.09	3.20	2.70	2.33	3.6%	-15.6%	-13.7%

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

DETERMINATION OF FUEL RECOVERY FACTOR
TIME OF USE RATE SCHEDULES
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD: JUNE 2020 THROUGH AUGUST 2020
January 2020 through December 2020 Over Recovery
and 2019 Final True Up Over Recovery
Fuel Credit

SCHEDULE E1-D
SUPPLEMENTAL

			NET ENERGY FOR LOAD (%)	FUEL COST (%)
			ON PEAK	OFF PEAK
			29.95	\$23.72
			70.05	\$22.15
			<u>100.00</u>	<u>1.0709</u>
	<u>TOTAL</u>		<u>ON PEAK</u>	<u>OFF PEAK</u>
1	MWH Sales (Jurisd)	5,665,495		
2	Effective MWH Sales (Jurisd)	5,658,685		
3	2020 Ending True-Up (over-recovery) (Sch E2 Suppl pg 2 of 3 line 12)	(\$45,601,340)		
4	2019 Final True-Up (over-recovery) True-Up filed Mar 2, 2020 Doc 2 Line 11	(35,821,098)		
5	TOTAL	(\$81,422,438)		
6	Revenue Tax Factor	1.00072		
7	Recovery Factor (Line 5 x Line 6) / Line 2 / 10	(1.4399)		
8	Recovery Factor Rounded to the Nearest .001 cents/KWH	(1.440)	(1.5099)	(1.4100)
			(1.510)	(1.410)
9	Hours: ON PEAK		25.39%	
10	OFF PEAK		<u>74.61%</u>	
			<u>100.00%</u>	

	Jurisdictional Sales (MWH)	
Metering Voltage:	June-Aug Meter	June-Aug Secondary
Distribution Secondary	5,120,604	5,120,604
Distribution Primary	408,796	404,708
Transmission	<u>136,095</u>	<u>133,373</u>
Total	<u>5,665,495</u>	<u>5,658,685</u>

	Standard	On-Peak	Off-Peak
Distribution Secondary	(1.440)	(1.510)	(1.410)
Distribution Primary	(1.426)	(1.495)	(1.396)
Transmission	(1.411)	(1.480)	(1.382)
RS 1st Tier	(1.840)		
RS 2nd Tier	(0.840)		
Lighting	(1.427)		

**SCHEDULE E1-E
 SUPPLEMENTAL**

**TAMPA ELECTRIC COMPANY
 MID-COURSE FUEL COST RECOVERY FACTORS
 ESTIMATED FOR THE PERIOD: JUNE 2020 THROUGH AUGUST 2020**

METERING VOLTAGE LEVEL	LEVELIZED FUEL RECOVERY FACTOR cents/kWh	FIRST TIER (Up to 1000 kWh) cents/kWh	SECOND TIER (OVER 1000 kWh) cents/kWh
STANDARD			
Distribution Secondary (RS only)		(1.840)	(0.840)
Distribution Secondary	(1.440)		
Distribution Primary	(1.426)		
Transmission	(1.411)		
Lighting Service ⁽¹⁾	(1.427)		
TIME-OF-USE			
Distribution Secondary - On-Peak	(1.510)		
Distribution Secondary - Off-Peak	(1.410)		
Distribution Primary - On-Peak	(1.495)		
Distribution Primary - Off-Peak	(1.396)		
Transmission - On-Peak	(1.480)		
Transmission - Off-Peak	(1.382)		

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

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

SCHEDULE E2
REVENUE CREDIT
PAGE 1 OF 3

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
A. Fuel Cost and Net Power Transactions													
1. Fuel Cost of System Net Generation	36,433,217	28,053,617	27,653,532	30,431,785	35,889,220	40,372,332	43,252,315	44,799,875	41,519,545	38,508,368	34,115,271	41,515,051	442,544,128
1a. Fuel Related R&D and Demo Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Fuel Cost of Power Sold ⁽¹⁾	87,963	93,206	10,300	10,332	10,832	12,862	12,245	13,170	12,745	13,149	13,085	14,807	304,696
3. Fuel Cost of Purchased Power	2,767	(3,817)	0	0	0	0	29,430	46,600	21,210	0	0	810,650	906,841
3a. Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
3b. Payments to Qualifying Facilities	88,714	291,342	286,020	293,010	306,640	300,450	327,220	332,740	290,490	341,270	353,060	293,490	3,504,446
4. Energy Cost of Economy Purchases	314,503	260,337	201,780	3,815,160	4,358,110	3,915,780	6,518,100	6,583,010	6,338,680	6,760,150	4,193,550	417,970	43,677,129
5. Total Fuel and Net Power Transactions	36,751,238	28,508,273	28,131,032	34,529,623	40,543,138	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	490,327,848
6. Adj. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,433	351,177	239,247	0	0	0	0	0	0	0	1,657,348
6a. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
7. ADJUSTED TOTAL FUEL AND NET POWER TRANSACTIONS	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
B. MWh Sales													
1. Jurisdictional Sales	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
2. Non-Jurisdictional Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
3. TOTAL SALES	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
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	

⁽¹⁾ Includes Gains

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

SCHEDULE E2
REVENUE CREDIT
PAGE 2 OF 3

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
C. True-Up Calculation													
1. Jurisdictional Fuel Revenue	43,077,818	40,611,832	39,102,131	42,192,857	46,945,698	48,280,871	50,832,222	51,378,926	52,000,641	47,092,250	38,570,212	36,600,298	536,685,756
2a. Jurisdictional Fuel Revenue Credit	-	-	-	-	-	(26,359,484)	(27,329,617)	(27,697,290)	-	-	-	-	(81,386,391)
2. Optimization Mechanism	(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)
2a. True-up Provision (Filed September 3, 2019)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	-	-	-	-	-	-	-	(12,809,180)
2b. 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)
3. JURISD. FUEL REVENUE APPLICABLE TO PERIOD	40,077,508	37,611,522	36,101,821	39,192,547	43,945,388	21,482,913	23,064,131	23,243,162	51,562,167	46,653,776	38,131,738	36,161,829	437,228,502
4. Adjusted Total Fuel and Net Power Transactions (Line A7)	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
5. Jurisdictional % of Total Sales (Line B4)	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 Total Fuel and Net Power Transactions	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
6a. 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	-
6b. JURISD. TOTAL FUEL & NET POWER TRANSACTIONS Adjusted for Line Losses	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
7. True-up Provision for Month +/- Collected (Line 3-6b-6b)	2,968,406	8,747,622	7,617,356	4,311,747	3,163,003	(23,092,787)	(27,050,689)	(28,505,893)	3,404,987	1,057,137	(517,058)	(6,860,525)	(54,756,694)
8. Interest Provision for the Month	10,982	21,803	42,826	65,599	77,247	61,497	15,728	(35,077)	(57,474)	(52,948)	(52,560)	(59,257)	38,366
g. Fuel savings credit for Lake Hancock generation per Second SoBRA stipulation	-	236,322	-	-	-	-	-	-	-	-	-	-	236,322
10. True-up and Interest Provision Beginning of Month	5,079,072	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	22,119,875	(4,915,086)	(33,456,056)	(30,108,543)	(29,104,354)	(29,673,972)	
11. True-up Collected (Refunded)	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	-	-	-	-	-	-	-	12,809,180
12. END OF PERIOD TOTAL NET TRUE-UP	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	22,119,875	(4,915,086)	(33,456,056)	(30,108,543)	(29,104,354)	(29,673,972)	(36,593,754)	

Ending true up due to timing of recovery of 2019 final over recovery in 2020 instead of in 2021.

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DOCKET NO. 20200001-EI
FAC 2020 MID-COURSE CORRECTION
EXHIBIT B, PAGE 37 OF 38

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

SCHEDULE E2
REVENUE CREDIT
PAGE 3 OF 3

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
D. Interest Provision													
1. Beginning True-up Amount	5,079,072	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	22,119,875	(4,915,086)	(33,456,056)	(30,108,543)	(29,104,354)	(29,673,972)	
2. Ending True-up Amount Before Interest	10,609,314	22,166,076	32,367,071	39,283,480	45,073,918	22,058,378	(4,930,814)	(33,420,979)	(30,051,069)	(29,051,406)	(29,621,412)	(36,534,497)	
3. Total Beginning and Ending True-up Amount	15,688,386	32,786,372	54,554,950	71,693,377	84,422,997	67,209,543	17,189,061	(38,336,065)	(63,507,125)	(59,159,949)	(58,725,766)	(66,208,469)	
4. Average True-up Amount	7,844,193	16,393,186	27,277,475	35,846,689	42,211,499	33,604,772	8,594,531	(19,168,033)	(31,753,563)	(29,579,975)	(29,362,883)	(33,104,235)	
5. Interest Rate @ First Day of Month	1.710	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	
6. Interest Rate @ Last Day of Month	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	2.150	
7. Total Beginning and Ending Interest Rate	3.350	3.200	3.760	4.400	4.400	4.400	4.400	4.400	4.350	4.300	4.300	4.300	
8. Average Interest Rate	1.675	1.600	1.880	2.200	2.200	2.200	2.200	2.200	2.175	2.150	2.150	2.150	
9. Monthly Average Interest Rate	0.140	0.133	0.157	0.183	0.183	0.183	0.183	0.183	0.181	0.179	0.179	0.179	
10. Interest Provision	10,982	21,803	42,826	65,599	77,247	61,497	15,728	(35,077)	(57,474)	(52,948)	(52,560)	(59,257)	38,366

“Exhibit C”

MID-COURSE

PROJECTED FUEL AND PURCHASED POWER COST RECOVERY

JUNE 2020 - DECEMBER 2020

SCHEDULES E1 THROUGH E10
SCHEDULE H1

TAMPA ELECTRIC COMPANY

TABLE OF CONTENTS

PAGE NO.	DESCRIPTION	PERIOD
3	Schedule E1 Cost Recovery Clause Calculation	(JAN 2020 - DEC 2020)
4	Schedule E1-C GPIF & True-Up Adj. Factors	(")
5	Schedule E1-D Fuel Adjustment Factor for TOD	(JUN 2020 - DEC 2020)
6	Schedule E1-E Fuel Recovery Factor	(JUN 2020 - DEC 2020)
7	Schedule E2 Cost Recovery Clause Calculation (By Month)	(JAN 2020 - DEC 2020)
8-10	Schedule E2 Supplemental	(")
11-12	Schedule E3 Generating System Comparative Data	(")
13-24	Schedule E4 System Net Generation & 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	(")
32	Schedule E10 Residential Bill Comparison	(")
33	Schedule H1 Generating System Comparative Data	(JAN - DEC 2017-2020)

**TAMPA ELECTRIC COMPANY
FUEL AND PURCHASED POWER
MID-COURSE COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020**

SCHEDULE E1

	DOLLARS	MWH	CENTS/KWH
1. Fuel Cost of System Net Generation (E3)	442,544,128	18,956,176	2.33456
2. Nuclear Fuel Disposal Cost	0	0	0.00000
3. Coal Car Investment	0	0	0.00000
4a. Big Bend Units 1-4 Igniters Conversion Project	1,657,348	18,956,176 ⁽¹⁾	0.00874
4b. Adjustment	0	18,956,176 ⁽¹⁾	0.00000
5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4b)	444,201,476	18,956,176	2.34331
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	906,841	23,940	3.78797
7. Energy Cost of Economy Purchases (E9)	43,677,129	1,476,209	2.95874
8. Demand and Non-Fuel Cost of Purchased Power	0	0	0.00000
9. Energy Payments to Qualifying Facilities (E8)	3,504,446	123,937	2.82760
10. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9)	48,088,416	1,624,086	2.96095
11. TOTAL AVAILABLE KWH (LINE 5 + LINE 10)		20,580,262	
12. Fuel Cost of Schedule D Sales - Jurisd. (E6)	256,411	13,365	1.91853
13. Fuel Cost of Market Based Sales - Jurisd. (E6)	20,285	1,050	1.93186
14. Gains on Sales	28,000	NA	NA
15. TOTAL FUEL COST AND GAINS OF POWER SALES	304,695	14,415	2.11374
16. Net Inadvertant Interchange		0	
17. Wheeling Received Less Wheeling Delivered		0	
18. Interchange and Wheeling Losses		307	
19. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-15+16+17-18)	491,985,197	20,565,540	2.39228
20. Net Unbilled	NA ^{(1)(a)}	NA ^(a)	NA
21. Company Use	889,928 ⁽¹⁾	37,200	0.00457
22. T & D Losses	24,886,494 ⁽¹⁾	1,040,283	0.12770
23. System MWH Sales	491,985,197	19,488,057	2.52455
24. Wholesale MWH Sales	(0)	0	0.00000
25. Jurisdictional MWH Sales	491,985,196	19,488,057	2.52455
26. Jurisdictional Loss Multiplier			1.00000
27. Jurisdictional MWH Sales Adjusted for Line Loss	491,985,196	19,488,057	2.52455
28. Optimization Mechanism ⁽²⁾	1,120,353	19,488,057	0.00575
29. True-up ⁽²⁾ Including 2019 Final Over Recovery	(80,972,263)	12,341,316	(0.65611)
30. Total Jurisdictional Fuel Cost (Excl. GPIF)	412,133,286	19,488,057	1.87419
31. Revenue Tax Factor			1.00072
32. Fuel Factor (Excl. GPIF) Adjusted for Taxes	412,430,022	19,488,057	1.87554
33. GPIF Adjusted for Taxes ⁽²⁾	4,141,330	19,488,057	0.02125
34. Fuel Factor Adjusted for Taxes Including GPIF	416,571,352	19,488,057	1.89679
35 Fuel Factor Rounded to Nearest .001 cents per KWH			1.897

^(a) Data not available at this time.

⁽¹⁾ Included For Informational Purposes Only

⁽²⁾ Calculation Based on Jurisdictional MWH Sales

**TAMPA ELECTRIC COMPANY
 INCENTIVE FACTOR AND TRUE-UP FACTOR
 FOR THE PERIOD: JUNE 2020 THROUGH DECEMBER 2020**

SCHEDULE E1-C

1. TOTAL AMOUNT OF ADJUSTMENTS			
A.	GENERATING PERFORMANCE INCENTIVE REWARD / (PENALTY) (January 2020 through December 2020)	\$4,141,330	
B.	TRUE-UP OVER / (UNDER) RECOVERED (ending May 2020 Over Recovery)	\$45,151,165	
C.	TRUE-UP OVER / (UNDER) RECOVERED (2019 Final Over Recovery) True-Up filed Mar 2, 2020 Doc 2 Line 11	\$35,821,098	
D.	OPTIMIZATION MECHANISM GAIN / (LOSS) (January 2020 through December 2020)	\$1,120,353	
2. TOTAL SALES			
	(June 2020 through December 2020)	12,341,316	MWh
	(January 2020 through December 2020)	19,488,057	MWh
3. ADJUSTMENT FACTORS			
A.	GENERATING PERFORMANCE INCENTIVE FACTOR (January-December) (Using Effective MWh Sales of 19,474,612)	0.0213	Cents/kWh
B.	TRUE-UP FACTOR ENDING MAY 2020 (June-December) (Using Effective MWh Sales of 12,325,761)	(0.3663)	Cents/kWh
C.	TRUE-UP FACTOR 2019 FINAL OVER RECOVERY (June-December) (Using Effective MWh Sales of 12,325,761)	(0.2906)	Cents/kWh
D.	OPTIMIZATION MECHANISM FACTOR (January-December) (Using Effective MWh Sales of 19,474,612)	0.0058	Cents/kWh

**DETERMINATION OF FUEL RECOVERY FACTOR
TIME OF USE RATE SCHEDULES
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD: JUNE 2020 THROUGH DECEMBER 2020**

SCHEDULE E1-D

			NET ENERGY FOR LOAD (%)	FUEL COST (%)
			ON PEAK	\$23.72
			OFF PEAK	\$22.15
			<u>100.00</u>	<u>1.0709</u>
		<u>TOTAL</u>	<u>ON PEAK</u>	<u>OFF PEAK</u>
1	Total Fuel & Net Power Trans (Jurisd)	(Sch E1 line 25)	\$321,864,544	
2	MWH Sales (Jurisd)	(Sch E1 line 29)	12,341,316	
2a	Effective MWH Sales (Jurisd)		12,325,761	
3	Cost Per KWH Sold	(line 1 / line 2)	2.6080	
4	Jurisdictional Loss Factor		1.00000	
5	Jurisdictional Fuel Factor		NA	
6	True-Up (ending May 2020 Over Recovery)	(Sch E1C line 1B)	(\$45,151,165)	
7	True-Up (2019 Final True Up Over Recovery)	(Sch E1C line 1C)	(\$35,821,098)	
8	Optimization Mechanism Gain	(Sch E1C line 1D)	\$653,538	
9	TOTAL	(line 1 x line 4)+line 6+line 7+line 8	\$241,545,819	
10	Revenue Tax Factor		1.00072	
11	Recovery Factor	(line 9 x line 10) / line 2a / 10	1.9611	
12	GPIF Factor	(Sch E2 Suppl pg 2 of 3 line C2d) / line 2a / 10	0.0196	
13	Recovery Factor Including GPIF	(line 11 + line 12)	1.9807	2.0770
14	Recovery Factor Rounded to the Nearest .001 cents/KWH		1.981	2.077
15	Hours: ON PEAK		25.39%	
16	OFF PEAK		<u>74.61%</u>	
			<u>100.00%</u>	

Jurisdictional Sales (MWH)
June - December

Metering Voltage:	Meter	Line Loss	Secondary
Distribution Secondary	11,102,442		11,102,442
Distribution Primary	922,291	0.99	913,068
Transmission	<u>316,583</u>	<u>0.98</u>	<u>310,251</u>
Total	<u><u>12,341,316</u></u>		<u><u>12,325,761</u></u>

	Standard	On-Peak	Off-Peak
Distribution Secondary	1.981	2.077	1.940
Distribution Primary	1.961	2.056	1.921
Transmission	1.941	2.035	1.901
RS 1st Tier	1.628		
RS 2nd Tier	2.628		
Lighting	1.963		

SCHEDULE E1-E

TAMPA ELECTRIC COMPANY
 MID-COURSE FUEL COST RECOVERY FACTORS
 ESTIMATED FOR THE PERIOD: JUNE 2020 THROUGH DECEMBER 2020

METERING VOLTAGE LEVEL	LEVELIZED FUEL RECOVERY FACTOR cents/kWh	FIRST TIER (Up to 1000 kWh) cents/kWh	SECOND TIER (OVER 1000 kWh) cents/kWh
STANDARD			
Distribution Secondary (RS only)		1.628	2.628
Distribution Secondary	1.981		
Distribution Primary	1.961		
Transmission	1.941		
Lighting Service ⁽¹⁾	1.963		
TIME-OF-USE			
Distribution Secondary - On-Peak	2.077		
Distribution Secondary - Off-Peak	1.940		
Distribution Primary - On-Peak	2.056		
Distribution Primary - Off-Peak	1.921		
Transmission - On-Peak	2.035		
Transmission - Off-Peak	1.901		

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

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

	(a) ACTUAL Jan-20	(b) ACTUAL Feb-20	(c) ESTIMATED Mar-20	(d) ESTIMATED Apr-20	(e) ESTIMATED May-20	(f) ESTIMATED Jun-20	(g) ESTIMATED Jul-20	(h) ESTIMATED Aug-20	(i) ESTIMATED Sep-20	(j) ESTIMATED Oct-20	(k) ESTIMATED Nov-20	(l) ESTIMATED Dec-20	(m) TOTAL PERIOD
1. Fuel Cost of System Net Generation	36,433,217	28,053,617	27,653,532	30,431,785	35,889,220	40,372,332	43,252,315	44,799,875	41,519,545	38,508,368	34,115,271	41,515,051	442,544,128
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	10,300	10,332	10,832	12,862	12,245	13,170	12,745	13,149	13,085	14,807	304,696
4. Fuel Cost of Purchased Power	2,767	(3,817)	0	0	0	0	29,430	46,600	21,210	0	0	810,650	906,841
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	286,020	293,010	306,640	300,450	327,220	332,740	290,490	341,270	353,060	293,490	3,504,446
7. Energy Cost of Economy Purchases	314,503	260,337	201,780	3,815,160	4,358,110	3,915,780	6,518,100	6,583,010	6,338,680	6,760,150	4,193,550	417,970	43,677,129
8. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,433	351,177	239,247	0	0	0	0	0	0	0	1,657,348
9. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
10. TOTAL FUEL & NET POWER TRANSACTIONS	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
11. Jurisdictional MWH Sold	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
12. 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	1.0000000
13. Jurisdictional Total Fuel & Net Power Transactions (Line 10 * Line 12)	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
14. Jurisdictional Loss Multiplier	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
15. JURISD. TOTAL FUEL & NET PWR. TRANS. Adjusted for Line Losses (Line 13 * Line 14)	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
16. Cost Per kWh Sold (Cents/kWh)	2.5499	2.0927	2.1486	2.4538	2.6060	2.4440	2.6242	2.6787	2.4665	2.5390	2.5764	3.0141	2.5245
17. Optimization Mechanism (Cents/kWh) ⁽²⁾	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058	0.0058
18. True-up (Cents/kWh) ⁽²⁾	0.1579	0.1579	0.1579	0.1579	0.1579	(0.3663)	(0.3663)	(0.3663)	(0.3663)	(0.3663)	(0.3663)	(0.3663)	(0.3663)
19. True-up (Cents/kWh) ⁽²⁾ 2019 Final Over Recovery	-	-	-	-	-	(0.2906)	(0.2906)	(0.2906)	(0.2906)	(0.2906)	(0.2906)	(0.2906)	(0.2906)
20. Total (Cents/kWh) (Line 16+17+18)	2.7136	2.2564	2.3123	2.6175	2.7697	1.7929	1.9731	2.0276	1.8154	1.8879	1.9253	2.3630	1.8734
21. 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
22. Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	2.7156	2.2580	2.3140	2.6194	2.7717	1.7942	1.9745	2.0291	1.8167	1.8893	1.9267	2.3647	1.8757
23. GPIF Adjusted for Taxes (Cents/kWh) ⁽²⁾	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213
24. TOTAL RECOVERY FACTOR (LINE 21+22)	2.7369	2.2793	2.3353	2.6407	2.7930	1.8155	1.9958	2.0504	1.8380	1.9106	1.9480	2.3860	1.8970
25. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH	2.737	2.279	2.335	2.641	2.793	1.816	1.996	2.050	1.838	1.911	1.948	2.386	1.897

⁽¹⁾ Includes Gains

⁽²⁾ Based on Jurisdictional Sales Only

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

SCHEDULE E2
 SUPPLEMENTAL
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	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
A. Fuel Cost and Net Power Transactions													
1. Fuel Cost of System Net Generation	36,433,217	28,053,617	27,653,532	30,431,785	35,889,220	40,372,332	43,252,315	44,799,875	41,519,545	38,508,368	34,115,271	41,515,051	442,544,128
1a. Fuel Related R&D and Demo. Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Fuel Cost of Power Sold ⁽¹⁾	87,963	93,206	10,300	10,332	10,832	12,862	12,245	13,170	12,745	13,149	13,085	14,807	304,696
3. Fuel Cost of Purchased Power	2,767	(3,817)	0	0	0	0	29,430	46,600	21,210	0	0	810,650	906,841
3a. Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
3b. Payments to Qualifying Facilities	88,714	291,342	286,020	293,010	306,640	300,450	327,220	332,740	290,490	341,270	353,060	293,490	3,504,446
4. Energy Cost of Economy Purchases	314,503	260,337	201,780	3,815,160	4,358,110	3,915,780	6,518,100	6,583,010	6,338,680	6,760,150	4,193,550	417,970	43,677,129
5. Total Fuel and Net Power Transactions	36,751,238	28,508,273	28,131,032	34,529,623	40,543,138	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	490,327,848
6. Adj. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,433	351,177	239,247	0	0	0	0	0	0	0	1,657,348
6a. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
7. ADJUSTED TOTAL FUEL AND NET POWER TRANSACTIONS	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
B. MWh Sales													
1. Jurisdictional Sales	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
2. Non-Jurisdictional Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
3. TOTAL SALES	1,455,302	1,379,292	1,325,733	1,421,475	1,564,939	1,823,864	1,909,750	1,931,881	1,952,467	1,795,872	1,500,089	1,427,393	19,488,057
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	

⁽¹⁾ Includes Gains

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

SCHEDULE E2
SUPPLEMENTAL
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	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
C. True-Up Calculation													
1. Jurisdictional Fuel Revenue	43,077,818	40,611,832	39,102,131	42,192,857	46,945,698	36,326,775	38,315,646	38,715,830	39,203,182	35,321,595	28,742,118	27,253,104	455,808,586
2. Optimization Mechanism	(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)
2a. True-up Provision (Filed September 3, 2019)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	-	-	-	-	-	-	-	(12,809,180)
2b. True-up Provision (2019 Final True Up)	-	-	-	-	-	5,117,300	5,117,300	5,117,300	5,117,300	5,117,300	5,117,300	5,117,300	35,821,098
2c. True Up Provision Mid-Course (ending May 2020)	-	-	-	-	-	6,450,166	6,450,166	6,450,166	6,450,166	6,450,166	6,450,166	6,450,169	45,151,165
2d. 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)
3. JURISD. FUEL REVENUE APPLICABLE TO PERIOD	40,077,508	37,611,522	36,101,821	39,192,547	43,945,388	47,455,767	49,444,638	49,844,822	50,332,174	46,450,587	39,871,110	38,382,104	518,709,986
4. Adjusted Total Fuel and Net Power Transactions (Line A7)	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
5. Jurisdictional % of Total Sales (Line B4)	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 Total Fuel and Net Power Transactions	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
6a. 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	-
6b. JURISD. TOTAL FUEL & NET POWER TRANSACTIONS Adjusted for Line Losses	37,109,102	28,863,900	28,484,465	34,880,800	40,782,385	44,575,700	50,114,820	51,749,055	48,157,180	45,596,639	38,648,796	43,022,354	491,985,196
7. True-up Provision for Month +/- Collected (Line 3-6b-6b)	2,968,406	8,747,622	7,617,356	4,311,747	3,163,003	2,880,067	(670,182)	(1,904,233)	2,174,994	853,948	1,222,314	(4,640,250)	26,724,790
8. Interest Provision for the Month	10,982	21,803	42,826	65,599	77,247	74,678	55,668	32,246	11,260	(6,840)	(25,699)	(49,510)	310,260
9. Fuel savings credit for Lake Hancock generation per Second SoBRA stipulation	0	236,322	0	0	0	0	0	0	0	0	0	0	236,322
10. True-up and Interest Provision Beginning of Month	5,079,072	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	36,538,444	24,356,464	10,917,011	1,535,799	(9,184,559)	(19,555,410)	
11. True-up Collected (Refunded)	2,561,836	2,561,836	2,561,836	2,561,836	2,561,836	(11,567,466)	(11,567,466)	(11,567,466)	(11,567,466)	(11,567,466)	(11,567,466)	(11,567,469)	16,950,510
12. END OF PERIOD TOTAL NET TRUE-UP	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	36,538,444	24,356,464	10,917,011	1,535,799	(9,184,559)	(19,555,410)	(35,812,639)	

Ending true up due to timing of recovery of 2019 final over recovery in 2020 instead of in 2021.

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DOCKET NO. 20200001-EI
CCR 2020 MID-COURSE CORRECTION
EXHIBIT C, PAGE 9 OF 33

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

SCHEDULE E2
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	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
D. Interest Provision													
1. Beginning True-up Amount	5,079,072	10,620,296	22,187,879	32,409,897	39,349,079	45,151,165	36,538,444	24,356,464	10,917,011	1,535,799	(9,184,559)	(19,555,410)	
2. Ending True-up Amount Before Interest	10,609,314	22,166,076	32,367,071	39,283,480	45,073,918	36,463,766	24,300,796	10,884,765	1,524,539	(9,177,719)	(19,529,711)	(35,763,129)	
3. Total Beginning and Ending True-up Amount	15,688,386	32,786,372	54,554,950	71,693,377	84,422,997	81,614,931	60,839,240	35,241,229	12,441,550	(7,641,920)	(28,714,270)	(55,318,539)	
4. Average True-up Amount	7,844,193	16,393,186	27,277,475	35,846,689	42,211,499	40,807,466	30,419,620	17,620,615	6,220,775	(3,820,960)	(14,357,135)	(27,659,270)	
5. Interest Rate @ First Day of Month	1.710	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	
6. Interest Rate @ Last Day of Month	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	2.150	
7. Total Beginning and Ending Interest Rate	3.350	3.200	3.760	4.400	4.400	4.400	4.400	4.400	4.350	4.300	4.300	4.300	
8. Average Interest Rate	1.675	1.600	1.880	2.200	2.200	2.200	2.200	2.200	2.175	2.150	2.150	2.150	
9. Monthly Average Interest Rate	0.140	0.133	0.157	0.183	0.183	0.183	0.183	0.183	0.181	0.179	0.179	0.179	
10. Interest Provision	10,982	21,803	42,826	65,599	77,247	74,678	55,668	32,246	11,260	(6,840)	(25,699)	(49,510)	310,260

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

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED Jun-20
FUEL COST OF SYSTEM NET GENERATION (\$)						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	0	0	254,966	254,966	254,966	254,966
3. COAL	5,976,802	1,044,084	0	2,853,709	4,836,331	4,660,067
4. NATURAL GAS	30,456,415	27,009,533	27,398,566	27,323,110	30,797,923	35,457,299
5. SOLAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL (\$)	36,433,217	28,053,617	27,653,532	30,431,785	35,889,220	40,372,332
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	0	0	1,080	1,080	1,080	1,080
10. COAL	179,937	-1,208	0	63,790	106,570	103,670
11. NATURAL GAS	1,246,304	1,336,780	1,328,750	1,200,880	1,379,180	1,581,580
12. SOLAR	59,607	69,676	103,180	148,040	161,460	138,480
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	1,485,848	1,405,248	1,433,010	1,413,790	1,648,290	1,824,810
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	0	0	2,000	2,000	2,000	2,000
17. COAL (TON)	82,330	0	0	36,430	61,500	59,730
18. NATURAL GAS (MCF)	10,057,418	10,067,881	9,695,510	8,801,260	9,880,670	11,606,730
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	11,560	11,560	11,560	11,560
23. COAL	1,900,555	0	0	819,700	1,383,760	1,343,830
24. NATURAL GAS	10,298,745	10,315,146	9,938,640	9,025,770	10,150,010	11,890,980
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	9,950,200	9,857,030	11,545,330	13,246,370
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	0.08	0.08	0.07	0.06
30. COAL	12.11	-0.09	0.00	4.51	6.46	5.68
31. NATURAL GAS	83.88	95.13	92.72	84.94	83.67	86.67
32. SOLAR	4.01	4.96	7.20	10.47	9.80	7.59
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	127.48	127.48	127.48	127.48
37. COAL (\$/TON)	72.60	0.00	0.00	78.33	78.64	78.02
38. NATURAL GAS (\$/MCF)	3.03	2.68	2.83	3.10	3.12	3.05
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	22.06	22.06	22.06	22.06
43. COAL	3.14	0.00	0.00	3.48	3.50	3.47
44. NATURAL GAS	2.96	2.62	2.76	3.03	3.03	2.98
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	2.78	3.09	3.11	3.05
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	0	0	10,704	10,704	10,704	10,704
50. COAL	10,562	0	0	12,850	12,985	12,963
51. NATURAL GAS	8,263	7,716	7,480	7,516	7,359	7,518
52. SOLAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	8,210	7,340	6,944	6,972	7,004	7,259
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	23.61	23.61	23.61	23.61
57. COAL	3.32	-86.43	0.00	4.47	4.54	4.50
58. NATURAL GAS	2.44	2.02	2.06	2.28	2.23	2.24
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	2.15	2.18	2.21

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

	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED Dec-20	TOTAL
FUEL COST OF SYSTEM NET GENERATION (\$)							
1. HEAVY OIL	0	0	0	0	0	0	0
2. LIGHT OIL	254,966	254,966	254,966	254,966	254,966	254,966	2,549,660
3. COAL	4,854,253	4,993,226	4,735,511	1,321,048	1,265,541	3,305,978	39,846,550
4. NATURAL GAS	38,143,096	39,551,683	36,529,068	36,932,354	32,594,764	37,954,107	400,147,918
5. SOLAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	43,252,315	44,799,875	41,519,545	38,508,368	34,115,271	41,515,051	442,544,128
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	1,080	1,080	1,080	1,080	1,080	1,080	10,800
10. COAL	108,900	113,730	107,050	29,330	27,960	74,660	914,389
11. NATURAL GAS	1,573,200	1,631,590	1,483,740	1,408,000	1,176,100	1,347,520	16,693,624
12. SOLAR	135,200	130,860	112,720	112,400	89,260	76,480	1,337,363
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	1,818,380	1,877,260	1,704,590	1,550,810	1,294,400	1,499,740	18,956,176
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	2,000	2,000	2,000	2,000	2,000	2,000	20,000
17. COAL (TON)	62,390	64,260	61,020	17,040	16,360	42,820	503,880
18. NATURAL GAS (MCF)	11,429,490	11,823,220	10,794,980	10,621,940	8,766,880	9,838,910	123,384,889
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	11,560	11,560	11,560	11,560	11,560	11,560	115,600
23. COAL	1,403,840	1,445,750	1,372,850	383,490	368,180	963,430	11,385,385
24. NATURAL GAS	11,721,630	12,125,050	11,068,000	10,865,290	8,967,770	10,081,350	126,448,381
25. SOLAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	13,137,030	13,582,360	12,452,410	11,260,340	9,347,510	11,056,340	137,949,365
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.06	0.06	0.06	0.07	0.08	0.07	0.06
30. COAL	5.98	6.06	6.29	1.89	2.16	4.98	4.82
31. NATURAL GAS	86.52	86.91	87.04	90.79	90.86	89.85	88.06
32. SOLAR	7.44	6.97	6.61	7.25	6.90	5.10	7.06
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)	127.48	127.48	127.48	127.48	127.48	127.48	127.48
37. COAL (\$/TON)	77.80	77.70	77.61	77.53	77.36	77.21	79.08
38. NATURAL GAS (\$/MCF)	3.34	3.35	3.38	3.48	3.72	3.86	3.24
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	22.06	22.06	22.06	22.06	22.06	22.06	22.06
43. COAL	3.46	3.45	3.45	3.44	3.44	3.43	3.50
44. NATURAL GAS	3.25	3.26	3.30	3.40	3.63	3.76	3.16
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)	3.29	3.30	3.33	3.42	3.65	3.75	3.21
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	10,704	10,704	10,704	10,704	10,704	10,704	10,704
50. COAL	12,891	12,712	12,824	13,075	13,168	12,904	12,451
51. NATURAL GAS	7,451	7,431	7,460	7,717	7,625	7,481	7,575
52. SOLAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	7,225	7,235	7,305	7,261	7,222	7,372	7,277
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	23.61	23.61	23.61	23.61	23.61	23.61	23.61
57. COAL	4.46	4.39	4.42	4.50	4.53	4.43	4.36
58. NATURAL GAS	2.42	2.42	2.46	2.62	2.77	2.82	2.40
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)	2.38	2.39	2.44	2.48	2.64	2.77	2.33

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ACTUAL FOR THE PERIOD: JANUARY 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	107	9.0	-	31.7	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	2,434	16.9	-	41.4	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	123	11.8	-	28.6	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	9,987	19.1	-	47.5	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	10,416	18.8	-	47.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.5	10,603	19.1	-	47.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	8,151	17.9	-	44.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	6,605	16.0	-	42.9	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	4,583	16.4	-	39.6	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	6,200	16.8	-	44.9	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR ⁽³⁾	74.8	(11)	-	-	-	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	409	-	-	-	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL	594.4	59,607	13.5	-	13.5	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	315	36,687	15.7	100.0	42.4	13,129	GAS	469,929	1,025,001	481,677.7	1,423,066	3.88	3.03
15. 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
16. 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
17. B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	355	181,071	68.6	98.9	68.6	11,396	-	-	-	2,063,407.0	6,096,117	3.37	-
19. B.B.#4 (GAS)	195	6,944	4.8	90.4	82.8	-	GAS	71,983	1,025,000	73,782.2	217,982	3.14	3.03
20. B.B.#4 (COAL)	442	181,218	55.1	90.4	70.1	-	COAL	82,330	23,084,544	1,900,554.7	5,976,802	3.30	72.60
21. BIG BEND #4 TOTAL	442	188,162	57.2	90.4	67.7	10,493	-	-	-	1,974,336.9	6,194,784	3.29	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	9,861	1,025,000	10,108.0	29,863	-	3.03
23. B.B.C.T.#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
24. BIG BEND STATION TOTAL	1,523	487,013	45.7	83.5	45.7	11,176	-	-	-	5,442,642.3	16,471,389	3.38	-
25. POLK #1 GASIFIER ⁽³⁾	157	(1,281)	-	-	-	-	COAL	-	-	-	-	-	-
26. POLK #1 CT (GAS & STEAM)	262	31,707	-	-	-	11,131	GAS	250,051	1,025,000	256,302.0	757,217	2.39	3.03
27. POLK #1 TOTAL	245	30,426	16.9	97.9	59.3	8,424	-	-	-	256,302.0	757,217	2.49	-
28. 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
29. POLK #2 ST W/O DUCT FIRING	360	229,912	85.8	-	-	-	-	-	-	-	-	-	-
30. POLK #2 ST TOTAL	480	242,756	68.0	99.4	85.6	-	GAS	-	-	107,889.0	318,747	0.13	-
31. 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
32. POLK #2 CT (OIL)	187	0	0.0	98.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
33. POLK #2 TOTAL	180	99,676	74.4	98.0	79.9	11,162	-	-	-	1,112,554.0	3,286,923	3.30	-
34. 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
35. POLK #3 CT (OIL)	187	0	0.0	99.9	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
36. POLK #3 TOTAL	180	93,794	70.0	99.9	80.4	10,921	-	-	-	1,024,343.0	3,026,313	3.23	-
37. POLK #4 CT (GAS) 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
38. POLK #5 CT (GAS) 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
39. POLK #2 CC TOTAL	1,200	636,823	71.3	99.4	71.3	6,938	-	-	-	4,418,591.0	13,054,259	2.05	-
40. POLK STATION TOTAL	1,445	667,249	62.2	99.2	62.2	7,006	-	-	-	4,674,893.0	13,811,476	2.07	-
41. BAYSIDE #1	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
42. BAYSIDE #2	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
43. BAYSIDE #3	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
44. BAYSIDE #4	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
45. BAYSIDE #5	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
46. BAYSIDE #6	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
47. 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
48. SYSTEM TOTAL	5,645	1,485,848	35.4	88.7	37.7	8,210	-	-	-	12,199,299.8	36,433,217	2.45	-

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

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Station Service

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ACTUAL FOR THE PERIOD: FEBRUARY 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	114	10.2	-	29.1	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	2,733	20.2	-	46.2	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	136	14.0	-	31.6	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	10,428	21.3	-	49.8	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	11,172	21.6	-	48.9	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.5	11,497	22.2	-	50.1	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	8,960	21.1	-	48.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	7,515	19.5	-	46.0	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	4,918	18.8	-	41.8	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	1,280	3.7	-	45.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR ⁽³⁾	74.8	(33)	-	-	-	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	10,956	26.6	-	47.6	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL	594.4	69,676	16.8	-	37.3	-	SOLAR	-	-	-	-	-	-
14. 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
15. 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
16. 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
17. B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	355	149,183	60.4	98.6	62.7	11,142	-	-	-	1,662,271.0	4,350,678	2.92	-
19. B.B.#4 (GAS)	195	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
20. B.B.#4 (COAL)	442	0	0.0	0.0	0.0	-	COAL	0	0	0.0	1,054,713	0.00	0.00
21. BIG BEND #4 TOTAL ⁽⁵⁾	442	0	0.0	0.0	0.0	0	-	-	-	0.0	1,054,713	0.00	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	4,325	1,025,000	4,433.0	11,603	-	2.68
23. B.B.C.T.#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
24. 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	-
25. POLK #1 GASIFIER ^{(6),(7)}	157	(1,208)	-	-	-	-	COAL	-	-	-	(10,629)	0.88	-
26. POLK #1 CT (GAS)	262	16,568	10.2	81	59.2	13,007	GAS	153,123	1,025,000	156,951.0	410,789	2.48	2.68
27. POLK #1 TOTAL	245	15,360	9.1	81.1	52.7	10,218	-	-	-	156,951.0	400,160	2.61	-
28. 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
29. POLK #2 ST W/O DUCT FIRING	360	212,868	85.0	-	-	-	-	-	-	-	-	-	-
30. POLK #2 ST TOTAL	480	225,041	67.4	88.1	78.4	-	GAS	-	-	102,248.0	267,615	0.12	-
31. 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
32. POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
33. POLK #2 TOTAL	180	101,894	81.3	100.0	82.1	11,169	-	-	-	1,138,042.0	2,978,608	2.92	-
34. 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
35. POLK #3 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
36. POLK #3 TOTAL	180	103,389	82.5	100.0	83.5	10,847	-	-	-	1,121,434.0	2,935,140	2.84	-
37. POLK #4 CT (GAS) 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
38. POLK #5 CT (GAS) 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
39. POLK #2 CC TOTAL	1,200	593,139	71.0	92.2	71.0	6,945	-	-	-	4,119,256.0	10,781,368	1.82	-
40. POLK STATION TOTAL	1,445	608,498	60.6	90.4	60.6	7,027	-	-	-	4,276,207.0	11,181,528	1.84	-
41. BAYSIDE #1	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
42. BAYSIDE #2	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
43. BAYSIDE #3	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
44. BAYSIDE #4	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
45. BAYSIDE #5	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
46. BAYSIDE #6	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
47. 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
48. SYSTEM TOTAL	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
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ Station Service

⁽⁴⁾ Test burn

⁽⁵⁾ Consists of fixed costs and aerial survey adjustment.

⁽⁶⁾ Polk's portion of the aerial survey adjustment.

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MARCH 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	330	27.7	-	27.7	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	260	1.8	-	1.8	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,130	396.5	-	396.5	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	13,350	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	13,850	25.0	-	25.0	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	17,510	31.6	-	31.6	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	11,150	24.5	-	24.5	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	10,210	24.8	-	24.8	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	8,360	30.0	-	30.0	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	6,510	17.7	-	17.7	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	17,520	31.6	-	31.6	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	103,180	23.3	-	23.3	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	315	7,610	3.2	70.6	43.9	12,926	GAS	95,690	1,028,007	98,370.0	270,411	3.55	2.83
15. BIG BEND #2 TOTAL	350	23,170	8.9	91.8	39.4	11,846	GAS	267,000	1,028,015	274,480.0	754,516	3.26	2.83
16. B.B.#3 (GAS)	355	41,490	15.7	-	-	-	GAS	455,000	1,027,978	467,730.0	1,285,786	3.10	2.83
17. B.B.#3 (COAL)	400	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	355	41,490	15.7	92.2	53.1	11,273	-	-	-	467,730.0	1,285,786	3.10	-
19. B.B.#4 (GAS)	195	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
20. B.B.#4 (COAL)	442	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
21. BIG BEND #4 TOTAL	442	0	0.0	0.0	0.0	0	-	-	-	0.0	0	0.00	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	27,550	-	28,330.0	77,854	-	2.83
23. B.B.C.T.#4 TOTAL	61	220	0.5	44.3	90.2	11,591	GAS	2,490	1,024,096	2,550.0	7,036	3.20	2.83
24. BIG BEND STATION TOTAL	1,523	72,490	6.4	59.0	47.0	11,631	-	-	-	843,130.0	2,395,602	3.30	-
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)	230	33,660	19.7	-	76.2	8,430	GAS	276,020	1,028,005	283,750.0	780,006	2.32	2.83
27. POLK #1 TOTAL	230	33,660	19.7	93.6	76.2	8,430	-	-	-	283,750.0	780,006	2.32	-
28. POLK #2 ST DUCT FIRING	120	6,670	7.5	-	83.0	8,165	GAS	52,980	1,027,935	54,460.0	149,716	2.24	2.83
29. POLK #2 ST W/O DUCT FIRING	360	710,590	-	-	-	-	-	4,792,620	1,027,999	4,926,810.0	13,543,477	1.91	2.83
30. POLK #2 ST TOTAL	480	717,260	200.8	-	186.6	6,945	GAS	-	-	4,981,270.0	13,693,193	1.91	-
31. POLK #2 CT (GAS)	180	1,260	0.9	-	100.0	11,048	GAS	13,550	1,027,306	13,920.0	38,291	3.04	2.83
32. POLK #2 CT (OIL)	187	540	0.4	-	48.1	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	180	1,800	1.3	-	75.6	10,944	-	-	-	19,700.0	165,774	9.21	-
34. POLK #3 CT (GAS)	180	1,080	0.8	-	100.0	10,991	GAS	11,550	1,027,706	11,870.0	32,639	3.02	2.83
35. POLK #3 CT (OIL)	187	540	0.4	-	48.1	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	180	1,620	1.2	-	73.6	10,895	-	-	-	17,650.0	160,122	9.88	-
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	720,680	80.7	97.2	183.2	6,964	-	-	-	5,018,620.0	14,019,089	1.95	-
40. POLK STATION TOTAL	1,430	754,340	70.9	96.6	163.0	7,029	-	-	-	5,302,370.0	14,799,095	1.96	-
41. BAYSIDE #1	792	197,790	33.6	65.9	59.6	7,325	GAS	1,409,340	1,027,999	1,448,800.0	3,982,658	2.01	2.83
42. BAYSIDE #2	1,047	301,000	38.6	96.9	41.4	7,666	GAS	2,244,650	1,028,004	2,307,510.0	6,343,161	2.11	2.83
43. BAYSIDE #3	61	690	1.5	57.2	87.0	11,696	GAS	7,860	1,026,718	8,070.0	22,212	3.22	2.83
44. BAYSIDE #4	61	490	1.1	98.6	89.3	11,735	GAS	5,590	1,028,623	5,750.0	15,797	3.22	2.83
45. BAYSIDE #5	61	1,590	3.5	98.6	86.9	11,352	GAS	17,560	1,027,904	18,050.0	49,623	3.12	2.83
46. BAYSIDE #6	61	1,440	3.2	98.6	84.3	11,472	GAS	16,060	1,028,643	16,520.0	45,384	3.15	2.83
47. BAYSIDE STATION TOTAL	2,083	503,000	32.5	84.1	47.3	7,564	GAS	3,701,060	1,028,003	3,804,700.0	10,458,835	2.08	2.83
48. SYSTEM TOTAL	5,630	1,433,010	34.2	71.6	93.1	6,944	-	-	-	9,950,200.0	27,653,532	1.93	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: APRIL 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	320	27.8	-	27.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	300	2.1	-	2.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,690	465.3	-	465.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	17,410	34.4	-	34.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	18,140	33.9	-	33.9	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	19,730	36.8	-	36.8	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	14,630	33.3	-	33.3	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	13,360	34.3	-	34.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	9,270	34.3	-	34.3	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	11,650	32.7	-	32.7	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	18,800	34.9	-	34.9	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	19,740	36.8	-	36.8	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	148,040	34.6	-	34.6	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	6,070	2.5	52.0	32.5	12,735	GAS	75,200	1,027,926	77,300.0	233,455	3.85	3.10
16. B.B.#3 (GAS)	345	27,750	11.2	-	-	-	GAS	305,990	1,028,007	314,560.0	949,932	3.42	3.10
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	27,750	11.2	92.2	55.9	11,335	-	-	-	314,560.0	949,932	3.42	-
19. B.B.#4 (GAS)	185	3,360	2.5	-	-	-	GAS	41,970	1,027,877	43,140.0	130,294	3.88	3.10
20. B.B.#4 (COAL)	437	63,790	20.3	-	-	-	COAL	36,430	22,500,686	819,700.0	2,853,709	4.47	78.33
21. BIG BEND #4 TOTAL	437	67,150	21.3	51.7	38.6	12,949	-	-	-	862,840.0	2,984,003	4.44	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	21,290	-	21,890.0	66,094	-	3.10
23. B.B.C.T.#4 TOTAL	56	640	1.6	81.8	87.9	11,609	GAS	7,230	1,027,663	7,430.0	22,445	3.51	3.10
24. BIG BEND STATION TOTAL	1,483	101,610	9.5	51.7	41.9	12,421	-	-	-	1,262,130.0	4,255,929	4.19	-
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	54,190	35.8	-	81.7	8,419	GAS	443,790	1,028,009	456,220.0	1,377,726	2.54	3.10
27. POLK #1 TOTAL	220	54,190	34.2	93.6	81.7	8,419	-	-	-	456,220.0	1,377,726	2.54	-
28. POLK #2 ST DUCT FIRING	120	3,120	3.6	-	53.1	8,279	GAS	25,130	1,027,855	25,830.0	78,015	2.50	3.10
29. POLK #2 ST W/O DUCT FIRING	341	404,190	-	-	-	-	-	2,725,400	1,028,000	2,801,710.0	8,460,879	2.09	3.10
30. POLK #2 ST TOTAL	461	407,310	122.7	-	137.8	6,942	GAS	-	-	2,827,540.0	8,538,894	2.10	-
31. POLK #2 CT (GAS)	150	1,140	1.1	-	95.0	11,623	GAS	12,890	1,027,929	13,250.0	40,017	3.51	3.10
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	1,680	1.6	-	78.0	11,327	-	-	-	19,030.0	167,500	9.97	-
34. POLK #3 CT (GAS)	150	3,510	3.3	-	80.7	12,459	GAS	42,550	1,027,732	43,730.0	132,095	3.76	3.10
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	4,050	3.8	-	76.4	12,225	-	-	-	49,510.0	259,578	6.41	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	940	0.9	-	69.6	13,287	GAS	12,150	1,027,984	12,490.0	37,719	4.01	3.10
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	420	0.4	-	70.0	13,262	GAS	5,420	1,027,675	5,570.0	16,826	4.01	3.10
39. POLK #2 CC TOTAL	1,061	414,400	54.2	76.5	132.3	7,032	-	-	-	2,914,140.0	9,020,517	2.18	-
40. POLK STATION TOTAL	1,281	468,590	50.8	79.5	116.6	7,193	-	-	-	3,370,360.0	10,398,243	2.22	-
41. BAYSIDE #1	721	357,460	68.9	97.2	70.8	7,373	GAS	2,563,670	1,027,995	2,635,440.0	7,958,796	2.23	3.10
42. BAYSIDE #2	955	335,360	48.8	96.9	50.8	7,624	GAS	2,487,020	1,028,001	2,556,660.0	7,720,840	2.30	3.10
43. BAYSIDE #3	56	890	2.2	98.6	98.2	11,432	GAS	9,790	1,027,579	10,060.0	30,393	3.45	3.10
44. BAYSIDE #4	56	780	1.9	55.9	87.1	11,590	GAS	8,800	1,027,273	9,040.0	27,319	3.50	3.10
45. BAYSIDE #5	56	260	0.6	55.9	66.3	13,077	GAS	3,300	1,030,303	3,400.0	10,245	3.94	3.10
46. BAYSIDE #6	56	810	2.0	59.2	80.4	12,272	GAS	9,670	1,027,921	9,940.0	30,020	3.71	3.10
47. BAYSIDE STATION TOTAL	1,900	695,550	50.8	93.5	59.6	7,511	GAS	5,082,250	1,027,997	5,224,540.0	15,777,613	2.27	3.10
48. SYSTEM TOTAL	5,258	1,413,790	37.3	67.7	83.3	6,972	-	-	-	9,857,030.0	30,431,785	2.15	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MAY 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	340	28.6	-	28.6	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	320	2.2	-	2.2	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	5,060	485.8	-	485.8	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	19,560	37.4	-	37.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	20,360	36.8	-	36.8	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	20,540	37.1	-	37.1	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	16,380	36.0	-	36.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	14,940	36.2	-	36.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	10,090	36.2	-	36.2	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	13,020	35.4	-	35.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	20,290	36.5	-	36.5	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	20,560	37.1	-	37.1	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	161,460	36.5	-	36.5	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	0	0.0	26.7	0.0	0	GAS	0	0	0.0	0	0.00	0.00
16. B.B.#3 (GAS)	345	14,710	5.7	-	-	-	GAS	160,200	1,027,965	164,680.0	499,342	3.39	3.12
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	14,710	5.7	65.4	59.2	11,195	-	-	-	164,680.0	499,342	3.39	-
19. B.B.#4 (GAS)	185	5,610	4.1	-	-	-	GAS	70,840	1,027,950	72,820.0	220,807	3.94	3.12
20. B.B.#4 (COAL)	437	106,570	32.8	-	-	-	COAL	61,500	22,500,163	1,383,760.0	4,836,331	4.54	78.64
21. BIG BEND #4 TOTAL	437	112,180	34.5	86.2	37.5	12,984	-	-	-	1,456,580.0	5,057,138	4.51	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	7,100	-	7,300.0	22,131	-	3.12
23. B.B.C.T.#4 TOTAL	56	690	1.7	98.2	82.1	11,696	GAS	7,850	1,028,025	8,070.0	24,468	3.55	3.12
24. BIG BEND STATION TOTAL	1,483	127,580	11.6	50.4	39.4	12,771	-	-	-	1,629,330.0	5,603,079	4.39	-
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	38,670	24.8	-	83.7	8,380	GAS	315,220	1,027,980	324,040.0	982,537	2.54	3.12
27. POLK #1 TOTAL	220	38,670	23.6	93.6	83.7	8,380	-	-	-	324,040.0	982,537	2.54	-
28. POLK #2 ST DUCT FIRING	120	6,740	7.5	-	58.5	8,274	GAS	54,250	1,028,018	55,770.0	169,097	2.51	3.12
29. POLK #2 ST W/O DUCT FIRING	341	585,560	-	-	-	-	-	3,937,870	1,028,000	4,048,130.0	12,274,291	2.10	3.12
30. POLK #2 ST TOTAL	461	592,300	172.7	-	155.4	6,929	GAS	-	-	4,103,900.0	12,443,388	2.10	-
31. POLK #2 CT (GAS)	150	280	0.3	-	93.3	11,821	GAS	3,220	1,027,950	3,310.0	10,036	3.58	3.12
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	820	0.7	-	65.4	11,085	-	-	-	9,090.0	137,519	16.77	-
34. POLK #3 CT (GAS)	150	470	0.4	-	78.3	12,426	GAS	5,680	1,028,169	5,840.0	17,704	3.77	3.12
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,010	0.9	-	65.0	11,505	-	-	-	11,620.0	145,187	14.37	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	470	0.4	-	78.3	12,489	GAS	5,710	1,028,021	5,870.0	17,798	3.79	3.12
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	594,600	75.3	88.2	153.1	6,947	-	-	-	4,130,480.0	12,743,892	2.14	-
40. POLK STATION TOTAL	1,281	633,270	66.4	89.1	138.8	7,034	-	-	-	4,454,520.0	13,726,429	2.17	-
41. BAYSIDE #1	721	373,960	69.7	97.2	72.4	7,363	GAS	2,678,510	1,027,997	2,753,500.0	8,348,882	2.23	3.12
42. BAYSIDE #2	955	347,170	48.9	96.9	50.3	7,636	GAS	2,578,880	1,028,001	2,651,090.0	8,038,335	2.32	3.12
43. BAYSIDE #3	56	1,220	2.9	98.6	90.8	11,582	GAS	13,760	1,026,890	14,130.0	42,890	3.52	3.12
44. BAYSIDE #4	56	1,000	2.4	98.6	94.0	11,450	GAS	11,130	1,028,751	11,450.0	34,692	3.47	3.12
45. BAYSIDE #5	56	1,390	3.3	98.6	80.1	11,957	GAS	16,160	1,028,465	16,620.0	50,371	3.62	3.12
46. BAYSIDE #6	56	1,240	3.0	95.4	82.0	11,847	GAS	14,290	1,027,992	14,690.0	44,542	3.59	3.12
47. BAYSIDE STATION TOTAL	1,900	725,980	51.4	97.1	59.9	7,523	GAS	5,312,730	1,027,999	5,461,480.0	16,559,712	2.28	3.12
48. SYSTEM TOTAL	5,258	1,648,290	42.1	71.0	89.1	7,004	-	-	-	11,545,330.0	35,889,220	2.18	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JUNE 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	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.4	290	2.1	-	2.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,490	445.4	-	445.4	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	16,920	33.4	-	33.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	17,560	32.8	-	32.8	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	17,620	32.8	-	32.8	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	14,130	32.1	-	32.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	12,890	32.3	-	32.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	8,750	32.4	-	32.4	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	11,210	31.5	-	31.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	16,680	31.0	-	31.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	17,650	32.9	-	32.9	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	138,480	32.4	-	32.4	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	36,390	14.9	91.8	37.3	12,220	GAS	432,590	1,027,994	444,700.0	1,321,515	3.63	3.05
16. B.B.#3 (GAS)	345	45,810	18.4	-	-	-	GAS	501,000	1,028,004	515,030.0	1,530,500	3.34	3.05
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	45,810	18.4	89.1	58.0	11,243	-	-	-	515,030.0	1,530,500	3.34	-
19. B.B.#4 (GAS)	185	5,460	4.1	-	-	-	GAS	68,800	1,028,052	70,730.0	210,176	3.85	3.05
20. B.B.#4 (COAL)	437	103,670	32.9	-	-	-	COAL	59,730	22,498,410	1,343,830.0	4,660,067	4.50	78.02
21. BIG BEND #4 TOTAL	437	109,130	34.7	86.2	37.7	12,962	-	-	-	1,414,560.0	4,870,243	4.46	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	39,660	-	40,770.0	121,157	-	3.05
23. B.B.C.T.#4 TOTAL	56	210	0.5	98.2	93.8	11,571	GAS	2,360	1,029,661	2,430.0	7,210	3.43	3.06
24. BIG BEND STATION TOTAL	1,483	191,540	17.9	70.9	41.1	12,408	-	-	-	2,376,720.0	7,850,626	4.10	-
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	55,050	36.4	-	85.4	8,369	GAS	448,140	1,028,005	460,690.0	1,369,019	2.49	3.05
27. POLK #1 TOTAL	220	55,050	34.8	93.6	85.4	8,369	-	-	-	460,690.0	1,369,019	2.49	-
28. POLK #2 ST DUCT FIRING	120	13,500	15.6	-	72.1	8,276	GAS	108,680	1,027,972	111,720.0	332,006	2.46	3.05
29. POLK #2 ST W/O DUCT FIRING	341	638,190	-	-	-	-	-	4,292,540	1,028,000	4,412,730.0	13,113,244	2.05	3.05
30. POLK #2 ST TOTAL	461	651,690	196.3	-	163.2	6,943	GAS	-	-	4,524,450.0	13,445,250	2.06	-
31. POLK #2 CT (GAS)	150	1,310	1.2	-	97.0	11,527	GAS	14,690	1,027,910	15,100.0	44,875	3.43	3.05
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	1,850	1.7	-	80.3	11,286	-	-	-	20,880.0	172,358	9.32	-
34. POLK #3 CT (GAS)	150	1,050	1.0	-	100.0	11,486	GAS	11,730	1,028,133	12,060.0	35,834	3.41	3.05
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,590	1.5	-	79.3	11,220	-	-	-	17,840.0	163,317	10.27	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	130	0.1	-	86.7	12,154	GAS	1,540	1,025,974	1,580.0	4,705	3.62	3.06
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	655,260	85.8	98.2	160.5	6,966	-	-	-	4,564,750.0	13,785,630	2.10	-
40. POLK STATION TOTAL	1,281	710,310	77.0	97.4	141.3	7,075	-	-	-	5,025,440.0	15,154,649	2.13	-
41. BAYSIDE #1	721	386,690	74.5	97.2	76.9	7,335	GAS	2,759,210	1,028,001	2,836,470.0	8,429,087	2.18	3.05
42. BAYSIDE #2	955	395,300	57.5	96.9	59.0	7,533	GAS	2,896,850	1,027,999	2,977,960.0	8,849,561	2.24	3.05
43. BAYSIDE #3	56	600	1.5	98.6	82.4	12,067	GAS	7,040	1,028,409	7,240.0	21,506	3.58	3.05
44. BAYSIDE #4	56	290	0.7	98.6	86.3	12,103	GAS	3,400	1,032,353	3,510.0	10,387	3.58	3.06
45. BAYSIDE #5	56	1,040	2.6	98.6	84.4	12,106	GAS	12,240	1,028,595	12,590.0	37,392	3.60	3.05
46. BAYSIDE #6	56	560	1.4	98.6	100.0	11,500	GAS	6,260	1,028,754	6,440.0	19,124	3.42	3.05
47. BAYSIDE STATION TOTAL	1,900	784,480	57.3	97.2	66.8	7,450	GAS	5,685,000	1,028,005	5,844,210.0	17,367,057	2.21	3.05
48. SYSTEM TOTAL	5,258	1,824,810	48.2	78.8	92.4	7,259	-	-	-	13,246,370.0	40,372,332	2.21	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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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) ⁽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	19.4	290	2.0	-	2.0	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,340	416.7	-	416.7	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	16,400	31.4	-	31.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	17,010	30.7	-	30.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	17,410	31.4	-	31.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	13,690	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	12,500	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	8,520	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	10,850	29.5	-	29.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	16,450	29.6	-	29.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	17,450	31.5	-	31.5	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	135,200	30.6	-	30.6	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	15,250	6.0	91.8	37.7	12,178	GAS	180,660	1,027,953	185,710.0	602,908	3.95	3.34
16. B.B.#3 (GAS)	345	41,560	16.2	-	-	-	GAS	458,150	1,028,026	470,990.0	1,528,962	3.68	3.34
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	41,560	16.2	92.2	55.8	11,333	-	-	-	470,990.0	1,528,962	3.68	-
19. B.B.#4 (GAS)	185	5,730	4.2	-	-	-	GAS	71,870	1,028,106	73,890.0	239,848	4.19	3.34
20. B.B.#4 (COAL)	437	108,900	33.5	-	-	-	COAL	62,390	22,501,042	1,403,840.0	4,854,253	4.46	77.80
21. BIG BEND #4 TOTAL	437	114,630	35.3	86.2	38.3	12,891	-	-	-	1,477,730.0	5,094,101	4.44	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	27,140	-	27,900.0	90,573	-	3.34
23. B.B.C.T.#4 TOTAL	56	280	0.7	98.2	100.0	11,357	GAS	3,090	1,029,126	3,180.0	10,312	3.68	3.34
24. BIG BEND STATION TOTAL	1,483	171,720	15.6	71.6	41.4	12,448	-	-	-	2,137,610.0	7,326,857	4.27	-
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	53,480	34.2	-	83.0	8,407	GAS	437,380	1,027,985	449,620.0	1,459,648	2.73	3.34
27. POLK #1 TOTAL	220	53,480	32.7	93.6	83.0	8,407	-	-	-	449,620.0	1,459,648	2.73	-
28. POLK #2 ST DUCT FIRING	120	9,940	11.1	-	59.6	8,270	GAS	79,970	1,027,885	82,200.0	266,880	2.68	3.34
29. POLK #2 ST W/O DUCT FIRING	341	647,070	-	-	-	-	-	4,350,740	1,028,000	4,472,560.0	14,519,519	2.24	3.34
30. POLK #2 ST TOTAL	461	657,010	191.6	-	163.8	6,933	GAS	-	-	4,554,760.0	14,786,399	2.25	-
31. POLK #2 CT (GAS)	150	1,330	1.2	-	98.5	11,496	GAS	14,870	1,028,245	15,290.0	49,624	3.73	3.34
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	1,870	1.7	-	81.2	11,267	-	-	-	21,070.0	177,107	9.47	-
34. POLK #3 CT (GAS)	150	1,320	1.2	-	97.8	11,568	GAS	14,860	1,027,591	15,270.0	49,592	3.76	3.34
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,860	1.7	-	80.7	11,317	-	-	-	21,050.0	177,075	9.52	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	900	0.8	-	100.0	11,411	GAS	9,990	1,028,028	10,270.0	33,339	3.70	3.34
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	600	0.5	-	100.0	11,417	GAS	6,660	1,028,529	6,850.0	22,226	3.70	3.34
39. POLK #2 CC TOTAL	1,061	662,240	83.9	98.1	160.4	6,967	-	-	-	4,614,000.0	15,196,146	2.29	-
40. POLK STATION TOTAL	1,281	715,720	75.1	97.4	140.8	7,075	-	-	-	5,063,620.0	16,655,794	2.33	-
41. BAYSIDE #1	721	399,180	74.4	97.2	76.4	7,336	GAS	2,848,720	1,027,999	2,928,480.0	9,506,898	2.98	3.34
42. BAYSIDE #2	955	393,700	55.4	96.9	56.9	7,550	GAS	2,891,550	1,027,999	2,972,510.0	9,649,833	2.45	3.34
43. BAYSIDE #3	56	530	1.3	98.6	86.0	12,321	GAS	6,340	1,029,968	6,530.0	21,158	3.99	3.34
44. BAYSIDE #4	56	310	0.7	98.6	92.3	12,161	GAS	3,670	1,027,248	3,770.0	12,248	3.95	3.34
45. BAYSIDE #5	56	1,040	2.5	98.6	80.7	12,115	GAS	12,260	1,027,732	12,600.0	40,915	3.93	3.34
46. BAYSIDE #6	56	980	2.4	98.6	79.5	12,153	GAS	11,570	1,029,386	11,910.0	38,612	3.94	3.34
47. BAYSIDE STATION TOTAL	1,900	795,740	56.3	97.2	65.4	7,459	GAS	5,774,110	1,028,003	5,935,800.0	19,269,664	2.42	3.34
48. SYSTEM TOTAL	5,258	1,818,380	46.5	79.0	92.2	7,225	-	-	-	13,137,030.0	43,252,315	2.38	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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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) ⁽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	19.4	270	1.9	-	1.9	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,250	408.0	-	408.0	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	15,830	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	16,410	29.6	-	29.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	16,830	30.4	-	30.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	13,220	29.1	-	29.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	12,080	29.3	-	29.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	8,380	30.0	-	30.0	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	10,470	28.4	-	28.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	15,940	28.6	-	28.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	16,890	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	130,860	29.6	-	29.6	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	24,790	9.8	91.8	37.4	12,213	GAS	294,510	1,028,013	302,760.0	985,211	3.97	3.35
16. B.B.#3 (GAS)	345	29,410	11.5	-	-	-	GAS	323,240	1,027,998	332,290.0	1,081,320	3.68	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	345	29,410	11.5	92.2	56.5	11,299	-	-	-	332,290.0	1,081,320	3.68	-
19. B.B.#4 (GAS)	185	5,990	4.4	-	-	-	GAS	74,020	1,027,965	76,090.0	247,616	4.13	3.35
20. B.B.#4 (COAL)	437	113,730	35.0	-	-	-	COAL	64,280	22,498,444	1,445,750.0	4,993,226	4.39	77.70
21. BIG BEND #4 TOTAL	437	119,720	36.8	86.2	40.0	12,712	-	-	-	1,521,840.0	5,240,842	4.38	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	28,390	-	29,190.0	94,972	-	3.35
23. B.B.C.T.#4 TOTAL	56	540	1.3	98.2	80.4	11,963	GAS	6,280	1,028,662	6,460.0	21,008	3.89	3.35
24. BIG BEND STATION TOTAL	1,483	174,460	15.8	71.6	41.8	12,400	-	-	-	2,163,350.0	7,423,353	4.26	-
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	48,760	31.2	-	85.7	8,372	GAS	397,120	1,028,002	408,240.0	1,328,468	2.72	3.35
27. POLK #1 TOTAL	220	48,760	29.8	93.6	85.7	8,372	-	-	-	408,240.0	1,328,468	2.72	-
28. POLK #2 ST DUCT FIRING	120	13,790	15.4	-	67.6	8,275	GAS	111,000	1,028,018	114,110.0	371,323	2.69	3.35
29. POLK #2 ST W/O DUCT FIRING	341	640,440	-	-	-	-	-	4,306,690	1,027,998	4,427,270.0	14,406,975	2.25	3.35
30. POLK #2 ST TOTAL	461	654,230	190.7	-	157.0	6,942	GAS	-	-	4,541,380.0	14,778,298	2.26	-
31. POLK #2 CT (GAS)	150	360	0.3	-	80.0	12,333	GAS	4,320	1,027,778	4,440.0	14,452	4.01	3.35
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	900	0.8	-	64.1	11,356	-	-	-	10,220.0	141,935	15.77	-
34. POLK #3 CT (GAS)	150	1,140	1.0	-	84.4	12,105	GAS	13,430	1,027,550	13,800.0	44,927	3.94	3.35
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,680	1.5	-	72.9	11,655	-	-	-	19,580.0	172,410	10.26	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	820	0.7	-	91.1	11,890	GAS	9,490	1,027,397	9,750.0	31,746	3.87	3.35
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	570	0.5	-	95.0	11,596	GAS	6,430	1,027,994	6,610.0	21,510	3.77	3.35
39. POLK #2 CC TOTAL	1,061	658,200	83.4	96.6	154.1	6,970	-	-	-	4,587,540.0	15,145,899	2.30	-
40. POLK STATION TOTAL	1,281	706,960	74.2	96.1	138.7	7,067	-	-	-	4,995,780.0	16,474,367	2.33	-
41. BAYSIDE #1	721	418,100	77.9	97.2	80.1	7,315	GAS	2,975,080	1,027,999	3,058,380.0	9,952,400	2.98	3.35
42. BAYSIDE #2	955	441,850	62.2	96.9	63.9	7,482	GAS	3,215,690	1,028,000	3,305,730.0	10,757,303	2.43	3.35
43. BAYSIDE #3	56	1,270	3.0	98.6	87.2	11,764	GAS	14,550	1,026,804	14,940.0	48,673	3.83	3.35
44. BAYSIDE #4	56	650	1.6	98.6	82.9	12,154	GAS	7,690	1,027,308	7,900.0	25,725	3.96	3.35
45. BAYSIDE #5	56	1,730	4.2	98.6	90.9	11,659	GAS	19,620	1,028,033	20,170.0	65,634	3.79	3.35
46. BAYSIDE #6	56	1,380	3.3	98.6	88.0	11,674	GAS	15,670	1,028,079	16,110.0	52,420	3.80	3.35
47. BAYSIDE STATION TOTAL	1,900	864,980	61.2	97.2	71.0	7,426	GAS	6,248,300	1,027,996	6,423,230.0	20,902,155	2.42	3.35
48. SYSTEM TOTAL	5,258	1,877,260	48.0	78.7	95.1	7,235	-	-	-	13,582,360.0	44,799,875	2.39	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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	19.4	220	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,530	350.2	-	350.2	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	13,770	27.2	-	27.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	14,270	26.6	-	26.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.5	14,470	27.0	-	27.0	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	11,490	26.1	-	26.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	10,510	26.3	-	26.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	6,780	25.1	-	25.1	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	9,100	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	13,800	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	14,520	27.1	-	27.1	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	112,720	26.3	-	26.3	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	19,240	7.9	91.8	35.6	12,381	GAS	231,740	1,027,962	238,220.0	784,184	4.08	3.38
16. B.B.#3 (GAS)	345	29,580	11.9	-	-	-	GAS	323,560	1,028,001	332,620.0	1,094,893	3.70	3.38
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	29,580	11.9	92.2	57.5	11,245	-	-	-	332,620.0	1,094,893	3.70	-
19. B.B.#4 (GAS)	185	5,630	4.2	-	-	-	GAS	70,290	1,028,027	72,260.0	237,854	4.22	3.38
20. B.B.#4 (COAL)	437	107,050	34.0	-	-	-	COAL	61,020	22,498,361	1,372,850.0	4,735,511	4.42	77.61
21. BIG BEND #4 TOTAL	437	112,680	35.8	86.2	38.9	12,825	-	-	-	1,445,110.0	4,973,365	4.41	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	28,390	-	29,190.0	96,069	-	3.38
23. B.B.C.T.#4 TOTAL	56	150	0.4	98.2	44.6	14,933	GAS	2,190	1,022,831	2,240.0	7,411	4.94	3.38
24. BIG BEND STATION TOTAL	1,483	161,650	15.1	71.6	40.9	12,485	-	-	-	2,018,190.0	6,955,921	4.30	-
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	68,900	45.6	-	84.8	8,380	GAS	561,650	1,028,007	577,380.0	1,900,564	2.76	3.38
27. POLK #1 TOTAL	220	68,900	43.5	93.6	84.8	8,380	-	-	-	577,380.0	1,900,564	2.76	-
28. POLK #2 ST DUCT FIRING	120	11,520	13.3	-	56.5	8,274	GAS	92,730	1,027,931	95,320.0	313,788	2.72	3.38
29. POLK #2 ST W/O DUCT FIRING	341	490,250	-	-	-	-	-	3,297,580	1,027,999	3,389,910.0	11,158,661	2.28	3.38
30. POLK #2 ST TOTAL	461	501,770	151.2	-	124.0	6,946	GAS	-	-	3,485,230.0	11,472,449	2.29	-
31. POLK #2 CT (GAS)	150	360	0.3	-	80.0	12,611	GAS	4,420	1,027,149	4,540.0	14,957	4.15	3.38
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	900	0.8	-	64.1	11,467	-	-	-	10,320.0	142,440	15.83	-
34. POLK #3 CT (GAS)	150	120	0.1	-	80.0	12,750	GAS	1,490	1,026,846	1,530.0	5,042	4.20	3.38
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	660	0.6	-	59.8	11,076	-	-	-	7,310.0	132,525	20.08	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	120	0.1	-	80.0	13,000	GAS	1,520	1,026,316	1,560.0	5,144	4.29	3.38
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	503,450	65.9	74.6	122.8	6,961	-	-	-	3,504,420.0	11,752,558	2.33	-
40. POLK STATION TOTAL	1,281	572,350	62.1	77.8	111.3	7,132	-	-	-	4,081,800.0	13,653,122	2.39	-
41. BAYSIDE #1	721	405,660	78.1	97.2	81.0	7,310	GAS	2,884,570	1,027,997	2,965,330.0	9,761,079	2.41	3.38
42. BAYSIDE #2	955	448,310	65.2	96.9	67.0	7,449	GAS	3,248,360	1,027,999	3,339,310.0	10,992,105	2.45	3.38
43. BAYSIDE #3	56	800	2.0	98.6	79.4	12,200	GAS	9,500	1,027,368	9,760.0	32,147	4.02	3.38
44. BAYSIDE #4	56	600	1.5	98.6	76.5	12,483	GAS	7,290	1,027,435	7,490.0	24,669	4.11	3.38
45. BAYSIDE #5	56	1,530	3.8	98.6	78.1	12,222	GAS	18,190	1,028,037	18,700.0	61,553	4.02	3.38
46. BAYSIDE #6	56	970	2.4	98.6	75.3	12,196	GAS	11,510	1,027,802	11,830.0	38,949	4.02	3.38
47. BAYSIDE STATION TOTAL	1,900	857,870	62.7	97.2	73.0	7,405	GAS	6,179,420	1,027,996	6,352,420.0	20,910,502	2.44	3.38
48. SYSTEM TOTAL	5,258	1,704,590	45.0	74.3	88.8	7,305	-	-	-	12,452,410.0	41,519,545	2.44	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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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	19.4	230	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,650	350.4	-	350.4	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	13,610	26.0	-	26.0	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	14,110	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	14,130	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	11,340	24.9	-	24.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	10,380	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	7,160	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	8,990	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	14,330	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	14,180	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	112,400	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	42,910	17.0	91.8	44.3	11,677	GAS	487,400	1,028,006	501,050.0	1,694,684	3.95	3.48
16. B.B.#3 (GAS)	345	73,160	28.5	-	-	-	GAS	801,720	1,028,002	824,170.0	2,787,571	3.81	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	345	73,160	28.5	86.2	57.5	11,265	-	-	-	824,170.0	2,787,571	3.81	-
19. B.B.#4 (GAS)	185	1,540	1.1	-	-	-	GAS	19,630	1,028,018	20,180.0	68,253	4.43	3.48
20. B.B.#4 (COAL)	437	29,330	9.0	-	-	-	COAL	17,040	22,505,282	383,490.0	1,321,048	4.50	77.53
21. BIG BEND #4 TOTAL	437	30,870	9.5	86.2	36.6	13,076	-	-	-	403,670.0	1,389,301	4.50	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	52,600	-	54,060.0	182,890	-	3.48
23. B.B.C.T.#4 TOTAL	56	1,700	4.1	98.2	84.3	11,782	GAS	19,490	1,027,707	20,030.0	67,766	3.99	3.48
24. BIG BEND STATION TOTAL	1,483	148,640	13.5	70.2	48.2	11,766	-	-	-	1,748,920.0	6,122,212	4.12	-
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	15,990	10.2	-	83.7	8,340	GAS	129,710	1,028,063	133,350.0	451,000	2.82	3.48
27. POLK #1 TOTAL	220	15,990	9.8	63.4	83.7	8,340	-	-	-	133,350.0	451,000	2.82	-
28. POLK #2 ST DUCT FIRING	120	8,400	9.4	-	60.9	8,273	GAS	67,590	1,028,111	69,490.0	235,010	2.80	3.48
29. POLK #2 ST W/O DUCT FIRING	341	414,830	-	-	-	-	GAS	2,792,110	1,028,000	2,870,290.0	9,708,132	2.34	3.48
30. POLK #2 ST TOTAL	461	423,230	123.4	-	127.0	6,946	-	-	-	2,939,780.0	9,943,142	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	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	540	0.5	-	56.6	10,704	-	-	-	5,780.0	127,483	23.61	-
34. POLK #3 CT (GAS)	150	5,820	5.2	-	88.2	11,959	GAS	67,710	1,027,913	69,600.0	235,427	4.05	3.48
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	6,360	5.7	-	84.2	11,852	-	-	-	75,380.0	362,910	5.71	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	6,280	5.6	-	89.1	11,890	GAS	72,640	1,027,946	74,670.0	252,568	4.02	3.48
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	4,260	3.8	-	94.7	11,671	GAS	48,360	1,028,122	49,720.0	168,147	3.95	3.48
39. POLK #2 CC TOTAL	1,061	440,670	55.8	69.4	120.8	7,138	-	-	-	3,145,330.0	10,854,250	2.46	-
40. POLK STATION TOTAL	1,281	456,660	47.9	68.3	117.2	7,180	-	-	-	3,278,680.0	11,305,250	2.48	-
41. BAYSIDE #1	721	404,460	75.4	97.2	78.0	7,327	GAS	2,882,950	1,027,999	2,963,670.0	10,023,981	2.48	3.48
42. BAYSIDE #2	955	416,900	58.7	96.9	60.3	7,513	GAS	3,046,680	1,028,001	3,131,990.0	10,593,269	2.54	3.48
43. BAYSIDE #3	56	2,750	6.6	98.6	92.7	11,545	GAS	30,890	1,027,841	31,750.0	107,404	3.91	3.48
44. BAYSIDE #4	56	2,170	5.2	98.6	94.5	11,438	GAS	24,140	1,028,169	24,820.0	83,934	3.87	3.48
45. BAYSIDE #5	56	3,980	9.6	98.6	83.6	11,884	GAS	46,020	1,027,814	47,300.0	160,011	4.02	3.48
46. BAYSIDE #6	56	2,850	6.8	98.6	89.3	11,653	GAS	32,300	1,028,173	33,210.0	112,307	3.94	3.48
47. BAYSIDE STATION TOTAL	1,900	833,110	58.9	97.2	68.1	7,481	GAS	6,062,980	1,027,999	6,232,740.0	21,080,906	2.53	3.48
48. SYSTEM TOTAL	5,258	1,550,810	39.6	71.6	86.4	7,261	-	-	-	11,260,340.0	38,508,368	2.48	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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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	19.4	180	1.3	-	1.3	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,020	299.6	-	299.6	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	10,170	20.1	-	20.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	10,540	19.7	-	19.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.4	12,110	22.6	-	22.6	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	8,450	19.2	-	19.2	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	7,740	19.4	-	19.4	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	6,060	22.4	-	22.4	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	6,730	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	11,840	22.0	-	22.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	12,150	22.7	-	22.7	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	89,260	20.9	-	20.9	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	305	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	43,250	17.7	91.8	37.4	12,215	GAS	513,900	1,028,002	528,290.0	1,910,651	4.42	3.72
16. B.B.#3 (GAS)	345	35,980	14.5	-	-	-	GAS	397,640	1,028,015	408,780.0	1,478,403	4.11	3.72
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	345	35,980	14.5	67.6	55.2	11,361	-	-	-	408,780.0	1,478,403	4.11	-
19. B.B.#4 (GAS)	185	1,470	1.1	-	-	-	GAS	18,850	1,028,117	19,380.0	70,083	4.77	3.72
20. B.B.#4 (COAL)	437	27,960	8.9	-	-	-	COAL	16,360	22,504,890	368,180.0	1,265,541	4.53	77.36
21. BIG BEND #4 TOTAL	437	29,430	9.4	83.3	35.8	13,169	-	-	-	387,560.0	1,335,624	4.54	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	43,410	-	44,630.0	161,396	-	3.72
23. B.B.C.T.#4 TOTAL	56	500	1.2	98.2	42.5	15,420	GAS	7,500	1,028,000	7,710.0	27,885	5.58	3.72
24. BIG BEND STATION TOTAL	1,483	109,160	10.2	65.0	41.5	12,205	-	-	-	1,332,340.0	4,913,959	4.50	-
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	81,760	54.1	-	82.8	8,299	GAS	660,060	1,028,013	678,550.0	2,454,066	3.00	3.72
27. POLK #1 TOTAL	220	81,760	51.6	93.6	82.8	8,299	-	-	-	678,550.0	2,454,066	3.00	-
28. POLK #2 ST DUCT FIRING	120	8,460	9.8	-	57.8	8,275	GAS	68,100	1,028,047	70,010.0	253,192	2.99	3.72
29. POLK #2 ST W/O DUCT FIRING	341	516,380	-	-	-	-	-	3,473,590	1,028,000	3,570,850.0	12,914,611	2.50	3.72
30. POLK #2 ST TOTAL	461	524,840	158.1	-	136.8	6,937	GAS	-	-	3,640,860.0	13,167,803	2.51	-
31. POLK #2 CT (GAS)	150	1,410	1.3	-	94.0	11,667	GAS	16,000	1,028,125	16,450.0	59,487	4.22	3.72
32. POLK #2 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	150	1,950	1.8	-	79.5	11,400	-	-	-	22,230.0	186,970	9.59	-
34. POLK #3 CT (GAS)	150	1,410	1.3	-	94.0	11,688	GAS	16,030	1,028,072	16,480.0	59,599	4.23	3.72
35. POLK #3 CT (OIL)	159	540	0.5	-	56.6	10,704	LGT OIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	150	1,950	1.8	-	79.5	11,415	-	-	-	22,260.0	187,082	9.59	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	150	1,260	1.2	-	93.3	11,683	GAS	14,320	1,027,933	14,720.0	53,241	4.23	3.72
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	150	1,260	1.2	-	93.3	11,706	GAS	14,350	1,027,875	14,750.0	53,352	4.23	3.72
39. POLK #2 CC TOTAL	1,061	531,260	69.5	80.4	133.9	6,992	-	-	-	3,714,820.0	13,648,448	2.57	-
40. POLK STATION TOTAL	1,281	613,020	66.5	82.7	116.1	7,167	-	-	-	4,393,370.0	16,102,514	2.63	-
41. BAYSIDE #1	721	348,960	67.2	97.2	69.5	7,384	GAS	2,506,700	1,028,001	2,576,890.0	9,319,769	2.67	3.72
42. BAYSIDE #2	955	128,730	18.7	58.1	53.5	7,589	GAS	950,300	1,028,012	976,920.0	3,533,161	2.74	3.72
43. BAYSIDE #3	56	1,160	2.9	98.6	66.8	13,095	GAS	14,760	1,029,133	15,190.0	54,877	4.73	3.72
44. BAYSIDE #4	56	780	1.9	98.6	60.6	13,718	GAS	10,410	1,027,858	10,700.0	38,704	4.96	3.72
45. BAYSIDE #5	56	1,980	4.9	98.6	73.7	12,520	GAS	24,120	1,027,778	24,790.0	89,677	4.53	3.72
46. BAYSIDE #6	56	1,350	3.3	98.6	68.9	12,822	GAS	16,840	1,027,910	17,310.0	62,610	4.64	3.72
47. BAYSIDE STATION TOTAL	1,900	482,960	35.3	77.7	64.4	7,499	GAS	3,523,130	1,028,006	3,621,800.0	13,098,798	2.71	3.72
48. SYSTEM TOTAL	5,258	1,294,400	34.2	66.6	93.7	7,222	-	-	-	9,347,510.0	34,115,271	2.64	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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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	19.4	160	1.1	-	1.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,740	263.1	-	263.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.3	8,540	16.3	-	16.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.4	8,840	16.0	-	16.0	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.5	10,490	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	61.1	7,100	15.6	-	15.6	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.4	6,510	15.8	-	15.8	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.5	5,080	18.2	-	18.2	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.5	5,650	15.3	-	15.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.8	10,560	19.0	-	19.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.5	10,550	19.0	-	19.0	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL ⁽³⁾	594.4	76,480	17.3	-	17.3	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	315	0	0.0	2.3	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	350	33,810	13.0	91.8	51.7	11,145	GAS	366,560	1,027,990	376,820.0	1,414,024	4.18	3.86
16. B.B.#3 (GAS)	355	33,350	12.6	-	-	-	GAS	355,470	1,027,991	365,420.0	1,371,244	4.11	3.86
17. B.B.#3 (COAL)	400	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	355	33,350	12.6	92.2	61.8	10,957	-	-	-	365,420.0	1,371,244	4.11	-
19. B.B.#4 (GAS)	195	3,930	2.7	-	-	-	GAS	49,320	1,028,183	50,710.0	190,254	4.84	3.86
20. B.B.#4 (COAL)	442	74,660	22.7	-	-	-	COAL	42,820	22,499,533	963,430.0	3,305,978	4.43	77.21
21. BIG BEND #4 TOTAL	442	78,590	23.9	61.1	36.6	12,904	-	-	-	1,014,140.0	3,496,232	4.45	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	32,140	-	33,030.0	123,982	-	3.86
23. B.B.C.T.#4 TOTAL	61	1,680	3.7	98.2	72.5	11,708	GAS	19,130	1,028,228	19,670.0	73,795	4.39	3.86
24. BIG BEND STATION TOTAL	1,523	147,430	13.0	64.7	44.1	12,047	-	-	-	1,776,050.0	6,479,277	4.39	-
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)	230	52,110	30.5	-	84.9	8,260	GAS	418,700	1,028,015	430,430.0	1,615,157	3.10	3.86
27. POLK #1 TOTAL	230	52,110	30.5	93.6	84.9	8,260	-	-	-	430,430.0	1,615,157	3.10	-
28. POLK #2 ST DUCT FIRING	120	17,240	19.3	-	83.0	8,176	GAS	137,110	1,028,007	140,950.0	528,909	3.07	3.86
29. POLK #2 ST W/O DUCT FIRING	360	699,970	-	-	-	-	-	4,719,840	1,027,999	4,851,990.0	18,207,029	2.60	3.86
30. POLK #2 ST TOTAL	480	717,210	200.8	-	164.7	6,962	GAS	-	-	4,992,940.0	18,735,938	2.61	-
31. POLK #2 CT (GAS)	180	160	0.1	-	88.9	12,125	GAS	1,890	1,026,455	1,940.0	7,290	4.56	3.86
32. POLK #2 CT (OIL)	187	540	0.4	-	48.1	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
33. POLK #2 TOTAL ⁽⁴⁾	180	700	0.5	-	53.8	11,029	-	-	-	7,720.0	134,773	19.25	-
34. POLK #3 CT (GAS)	180	690	0.5	-	95.8	11,188	GAS	7,520	1,026,596	7,720.0	29,009	4.20	3.86
35. POLK #3 CT (OIL)	187	540	0.4	-	48.1	10,704	LGTOIL	1,000	5,780,000	5,780.0	127,483	23.61	127.48
36. POLK #3 TOTAL ⁽⁴⁾	180	1,230	0.9	-	66.8	10,976	-	-	-	13,500.0	156,492	12.72	-
37. POLK #4 CT (GAS) TOTAL ⁽⁴⁾	180	690	0.5	-	95.8	11,188	GAS	7,520	1,026,596	7,720.0	29,009	4.20	3.86
38. POLK #5 CT (GAS) TOTAL ⁽⁴⁾	180	520	0.4	-	96.3	11,327	GAS	5,730	1,027,923	5,890.0	22,104	4.25	3.86
39. POLK #2 CC TOTAL	1,200	720,350	80.7	97.2	162.3	6,980	-	-	-	5,027,770.0	19,078,316	2.65	-
40. POLK STATION TOTAL	1,430	772,460	72.6	96.6	145.1	7,066	-	-	-	5,458,200.0	20,693,473	2.68	-
41. BAYSIDE #1	792	215,050	36.5	59.6	64.3	7,293	GAS	1,525,670	1,028,007	1,568,400.0	5,885,351	2.74	3.86
42. BAYSIDE #2	1,047	274,090	35.2	96.9	43.1	7,637	GAS	2,036,150	1,027,999	2,093,160.0	7,854,555	2.87	3.86
43. BAYSIDE #3	61	3,620	8.0	98.6	88.6	11,285	GAS	39,740	1,027,932	40,850.0	153,299	4.23	3.86
44. BAYSIDE #4	61	3,160	7.0	98.6	87.8	11,247	GAS	34,580	1,027,762	35,540.0	133,394	4.22	3.86
45. BAYSIDE #5	61	3,760	8.3	98.6	88.1	11,316	GAS	41,390	1,028,026	42,550.0	159,664	4.25	3.86
46. BAYSIDE #6	61	3,690	8.1	98.6	89.0	11,271	GAS	40,450	1,028,183	41,590.0	156,038	4.23	3.86
47. BAYSIDE STATION TOTAL	2,083	503,370	32.5	82.9	51.1	7,593	GAS	3,717,980	1,028,002	3,822,090.0	14,342,301	2.85	3.86
48. SYSTEM TOTAL	5,630	1,499,740	35.8	72.7	89.6	7,372	-	-	-	11,056,340.0	41,515,051	2.77	-

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition

⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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SCHEDULE E5

TAMPA ELECTRIC COMPANY
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
 ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH JUNE 2020

	ACTUAL Jan-20	ACTUAL Feb-20	ESTIMATED Mar-20	ESTIMATED Apr-20	ESTIMATED May-20	ESTIMATED 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	2,000	2,000	2,000	2,000
20. UNIT COST (\$/BBL)	0.00	0.00	127.48	127.48	127.48	127.48
21. AMOUNT (\$)	0	0	254,966	254,966	254,966	254,966
22. ENDING INVENTORY:						
23. UNITS (BBL)	42,562	42,562	40,562	38,562	36,562	34,562
24. UNIT COST (\$/BBL)	127.48	127.48	127.48	127.48	127.48	127.48
25. AMOUNT (\$)	5,425,905	5,425,905	5,170,939	4,915,973	4,661,007	4,406,041
26. DAYS SUPPLY: NORMAL	577	577	617	586	556	526
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	5	5
COAL						
28. PURCHASES:						
29. UNITS (TONS)	2,587	0	0	108,000	118,000	70,000
30. UNIT COST (\$/TON)	2.57	0.00	0.00	72.92	71.66	59.27
31. AMOUNT (\$)	6,638	0	0	7,875,138	8,455,828	4,149,180
32. BURNED:						
33. UNITS (TONS)	82,330	0	0	36,430	61,500	59,730
34. UNIT COST (\$/TON)	72.60	0.00	0.00	78.33	78.64	78.02
35. AMOUNT (\$)	5,976,802	1,044,084	0	2,853,709	4,836,331	4,660,067
36. ENDING INVENTORY:						
37. UNITS (TONS)	222,715	204,744	204,744	276,314	332,814	343,084
38. UNIT COST (\$/TON)	70.88	70.66	70.66	71.62	71.85	69.64
39. AMOUNT (\$)	15,787,080	14,468,163	14,468,163	19,788,711	23,913,172	23,892,716
40. DAYS SUPPLY:	306	1,276	192	159	167	169
NATURAL GAS						
41. PURCHASES:						
42. UNITS (MCF)	10,059,170	10,089,027	9,590,818	8,801,260	9,977,947	11,606,730
43. UNIT COST (\$/MCF)	3.03	2.68	2.81	3.11	3.11	3.06
44. AMOUNT (\$)	30,489,600	27,050,486	26,906,463	27,331,510	31,004,523	35,485,299
45. BURNED:						
46. UNITS (MCF)	10,057,418	10,067,881	9,695,510	8,801,260	9,880,670	11,606,730
47. UNIT COST (\$/MCF)	3.03	2.68	2.83	3.10	3.12	3.05
48. AMOUNT (\$)	30,456,415	27,009,533	27,398,566	27,323,110	30,797,923	35,457,299
49. ENDING INVENTORY:						
50. UNITS (MCF)	375,375	396,521	291,829	291,829	389,105	389,105
51. UNIT COST (\$/MCF)	2.65	2.61	1.86	1.89	1.95	2.02
52. AMOUNT (\$)	995,349	1,036,302	544,200	552,600	759,200	787,200
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 AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENTS

(3) GAS-IGNITION

SCHEDULE E5

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

	ESTIMATED Jul-20	ESTIMATED Aug-20	ESTIMATED Sep-20	ESTIMATED Oct-20	ESTIMATED Nov-20	ESTIMATED 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)	0	0	0	0	0	0	0
16. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17. AMOUNT (\$)	0	0	0	0	0	0	0
18. BURNED:							
19. UNITS (BBL)	2,000	2,000	2,000	2,000	2,000	2,000	20,000
20. UNIT COST (\$/BBL)	127.48	127.48	127.48	127.48	127.48	127.48	127.48
21. AMOUNT (\$)	254,966	254,966	254,966	254,966	254,966	254,966	2,549,660
22. ENDING INVENTORY:							
23. UNITS (BBL)	32,562	30,562	28,562	26,562	24,562	22,562	22,562
24. UNIT COST (\$/BBL)	127.48	127.48	127.48	127.48	127.48	127.48	127.48
25. AMOUNT (\$)	4,151,074	3,896,108	3,641,142	3,386,176	3,131,209	2,876,243	2,876,243
26. DAYS SUPPLY: NORMAL	495	465	434	404	374	343	-
27. DAYS SUPPLY: EMERGENCY	5	4	4	4	4	3	-
COAL							
28. PURCHASES:							
29. UNITS (TONS)	34,000	15,000	15,000	15,000	30,000	30,000	437,587
30. UNIT COST (\$/TON)	59.27	59.27	59.27	59.27	59.27	59.27	65.65
31. AMOUNT (\$)	2,015,316	889,110	889,110	889,110	1,778,220	1,778,220	28,725,870
32. BURNED:							
33. UNITS (TONS)	62,390	64,260	61,020	17,040	16,360	42,820	503,880
34. UNIT COST (\$/TON)	77.80	77.70	77.61	77.53	77.36	77.21	79.08
35. AMOUNT (\$)	4,854,253	4,993,226	4,735,511	1,321,048	1,265,541	3,305,978	39,846,550
36. ENDING INVENTORY:							
37. UNITS (TONS)	314,694	265,434	219,414	217,374	231,014	218,194	218,194
38. UNIT COST (\$/TON)	68.53	67.77	66.74	66.03	64.93	63.35	63.35
39. AMOUNT (\$)	21,566,051	17,989,560	14,644,182	14,352,156	14,999,163	13,822,992	13,822,992
40. DAYS SUPPLY:	154	172	211	262	178	124	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	11,429,490	11,823,220	10,794,980	10,621,940	8,669,603	9,838,910	123,303,095
43. UNIT COST (\$/MCF)	3.34	3.35	3.38	3.48	3.74	3.86	3.24
44. AMOUNT (\$)	38,173,496	39,566,883	36,529,868	36,946,754	32,421,764	38,018,307	399,924,953
45. BURNED:							
46. UNITS (MCF)	11,429,490	11,823,220	10,794,980	10,621,940	8,766,880	9,838,910	123,384,889
47. UNIT COST (\$/MCF)	3.34	3.35	3.38	3.48	3.72	3.86	3.24
48. AMOUNT (\$)	38,143,096	39,551,683	36,529,068	36,932,354	32,594,764	37,954,107	400,147,918
49. ENDING INVENTORY:							
50. UNITS (MCF)	389,105	389,105	389,105	389,105	291,829	291,829	291,829
51. UNIT COST (\$/MCF)	2.10	2.14	2.14	2.18	2.31	2.53	2.53
52. AMOUNT (\$)	817,600	832,800	833,600	848,000	675,000	739,200	739,200
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	-

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

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

SCHEDULE E6

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)	
						CENTS/KWH					
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	MWH WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	FUEL COST (A)	TOTAL COST (B)	TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST \$	GAINS ON SALES	
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.	MKT. BASE	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.	MKT. BASE	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
ESTIMATED											
Mar-20	SEMINOLE	JURISD.	SCH. - D	530.0	0.0	530.0	1.828	1.943	9,690.00	10,300.00	610.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			530.0	0.0	530.0	1.828	1.943	9,690.00	10,300.00	610.00
ESTIMATED											
Apr-20	SEMINOLE	JURISD.	SCH. - D	600.0	0.0	600.0	1.620	1.722	9,720.00	10,332.00	612.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			600.0	0.0	600.0	1.620	1.722	9,720.00	10,332.00	612.00
ESTIMATED											
May-20	SEMINOLE	JURISD.	SCH. - D	570.0	0.0	570.0	1.788	1.900	10,190.00	10,832.00	642.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			570.0	0.0	570.0	1.788	1.900	10,190.00	10,832.00	642.00
ESTIMATED											
Jun-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	2.086	2.218	12,100.00	12,862.00	762.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	2.086	2.218	12,100.00	12,862.00	762.00

TAMPA ELECTRIC COMPANY
POWER SOLD

SCHEDULE E6

ESTIMATED FOR THE PERIOD: JULY 2020 THROUGH DECEMBER 2020

(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 SALES	
				WHEELED	FROM	MWH	(A)				(B)
				OTHER	FROM OWN	FUEL	TOTAL				
ESTIMATED											
Jul-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	1.986	2.111	11,520.00	12,245.00	725.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	1.986	2.111	11,520.00	12,245.00	725.00
ESTIMATED											
Aug-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	2.136	2.271	12,390.00	13,170.00	780.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	2.136	2.271	12,390.00	13,170.00	780.00
ESTIMATED											
Sep-20	SEMINOLE	JURISD.	SCH. - D	570.0	0.0	570.0	2.104	2.236	11,990.00	12,745.00	755.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			570.0	0.0	570.0	2.104	2.236	11,990.00	12,745.00	755.00
ESTIMATED											
Oct-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	2.133	2.267	12,370.00	13,149.00	779.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	2.133	2.267	12,370.00	13,149.00	779.00
ESTIMATED											
Nov-20	SEMINOLE	JURISD.	SCH. - D	570.0	0.0	570.0	2.160	2.296	12,310.00	13,085.00	775.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			570.0	0.0	570.0	2.160	2.296	12,310.00	13,085.00	775.00
ESTIMATED											
Dec-20	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	2.402	2.553	13,930.00	14,807.00	877.00
	VARIOUS	JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			580.0	0.0	580.0	2.402	2.553	13,930.00	14,807.00	877.00
TOTAL	SEMINOLE	JURISD.	SCH. - D	13,365.0	0.0	13,365.0	1.919	2.078	256,410.87	277,747.96	16,453.36
Jan-20	VARIOUS	JURISD.	MKT. BASE	1,050.0	0.0	1,050.0	1.932	3.174	20,284.50	33,326.26	11,546.26
THRU	TOTAL			14,415.0	0.0	14,415.0	1.919	2.158	276,695.37	311,074.22	27,999.62
Dec-20											

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

SCHEDULE E7

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT
							(A) FUEL COST	(B) TOTAL COST	
ACTUAL									
Jan-20			96.0	0.0	0.0	96.0	2.883	2.883	2,767.40
	TOTAL		96.0	0.0	0.0	96.0	2.883	2.883	2,767.40
ACTUAL									
Feb-20			(276.0)	0.0	0.0	(276.0)	1.383	1.383	(3,816.90)
	TOTAL		(276.0)	0.0	0.0	(276.0)	1.383	1.383	(3,816.90)
ESTIMATED									
Mar-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Apr-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
May-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Jun-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Jul-20			690.0	0.0	0.0	690.0	4.265	4.265	29,430.00
	TOTAL		690.0	0.0	0.0	690.0	4.265	4.265	29,430.00
ESTIMATED									
Aug-20			1,080.0	0.0	0.0	1,080.0	4.315	4.315	46,600.00
	TOTAL		1,080.0	0.0	0.0	1,080.0	4.315	4.315	46,600.00
ESTIMATED									
Sep-20			490.0	0.0	0.0	490.0	4.329	4.329	21,210.00
	TOTAL		490.0	0.0	0.0	490.0	4.329	4.329	21,210.00
ESTIMATED									
Oct-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Nov-20			0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ESTIMATED									
Dec-20			21,860.0	0.0	0.0	21,860.0	3.708	3.708	810,650.00
	TOTAL		21,860.0	0.0	0.0	21,860.0	3.708	3.708	810,650.00
TOTAL									
Jan-20			23,940.0	0.0	0.0	23,940.0	3.788	3.788	906,840.50
THRU	TOTAL		23,940.0	0.0	0.0	23,940.0	3.788	3.788	906,840.50
Dec-20									

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	1.975	1.975	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
ESTIMATED	VARIOUS	CO-GEN.							
Mar-20		AS AVAIL.	10,360.0	0.0	0.0	10,360.0	2.761	2.761	286,020.00
	TOTAL		10,360.0	0.0	0.0	10,360.0	2.761	2.761	286,020.00
ESTIMATED	VARIOUS	CO-GEN.							
Apr-20		AS AVAIL.	10,280.0	0.0	0.0	10,280.0	2.850	2.850	293,010.00
	TOTAL		10,280.0	0.0	0.0	10,280.0	2.850	2.850	293,010.00
ESTIMATED	VARIOUS	CO-GEN.							
May-20		AS AVAIL.	10,380.0	0.0	0.0	10,380.0	2.954	2.954	306,640.00
	TOTAL		10,380.0	0.0	0.0	10,380.0	2.954	2.954	306,640.00
ESTIMATED	VARIOUS	CO-GEN.							
Jun-20		AS AVAIL.	10,250.0	0.0	0.0	10,250.0	2.931	2.931	300,450.00
	TOTAL		10,250.0	0.0	0.0	10,250.0	2.931	2.931	300,450.00
ESTIMATED	VARIOUS	CO-GEN.							
Jul-20		AS AVAIL.	10,400.0	0.0	0.0	10,400.0	3.146	3.146	327,220.00
	TOTAL		10,400.0	0.0	0.0	10,400.0	3.146	3.146	327,220.00
ESTIMATED	VARIOUS	CO-GEN.							
Aug-20		AS AVAIL.	10,420.0	0.0	0.0	10,420.0	3.193	3.193	332,740.00
	TOTAL		10,420.0	0.0	0.0	10,420.0	3.193	3.193	332,740.00
ESTIMATED	VARIOUS	CO-GEN.							
Sep-20		AS AVAIL.	10,220.0	0.0	0.0	10,220.0	2.842	2.842	290,490.00
	TOTAL		10,220.0	0.0	0.0	10,220.0	2.842	2.842	290,490.00
ESTIMATED	VARIOUS	CO-GEN.							
Oct-20		AS AVAIL.	10,450.0	0.0	0.0	10,450.0	3.266	3.266	341,270.00
	TOTAL		10,450.0	0.0	0.0	10,450.0	3.266	3.266	341,270.00
ESTIMATED	VARIOUS	CO-GEN.							
Nov-20		AS AVAIL.	10,270.0	0.0	0.0	10,270.0	3.438	3.438	353,060.00
	TOTAL		10,270.0	0.0	0.0	10,270.0	3.438	3.438	353,060.00
ESTIMATED	VARIOUS	CO-GEN.							
Dec-20		AS AVAIL.	10,380.0	0.0	0.0	10,380.0	2.827	2.827	293,490.00
	TOTAL		10,380.0	0.0	0.0	10,380.0	2.827	2.827	293,490.00
TOTAL	VARIOUS	CO-GEN.							
Jan-20		NET METERING	2,161.3	0.0	0.0	2,161.3	2.207	2.207	47,702.86
THRU		AS AVAIL.	121,776.0	0.0	0.0	121,776.0	2.839	2.839	3,456,742.78
Dec-20	TOTAL		123,937.3	0.0	0.0	123,937.3	2.828	2.828	3,504,445.64

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

SCHEDULE E9

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR INTERRUPTIBLE	(6) MWH FOR FIRM	(7) TRANSACTION COST cents/KWH	(8) TOTAL \$ FOR FUEL ADJUSTMENT	(9) COST IF GENERATED		(10) FUEL SAVINGS (9B)-(8)
								(A) CENTS PER KWH	(B) (\$000)	
ACTUAL										
Jan-20	VARIOUS	ECONOMY	8,366.0	0.0	8,366.0	3.759	314,502.80	3.808	318,546.00	4,043.20
ACTUAL										
Feb-20	VARIOUS	ECONOMY	9,063.0	0.0	9,063.0	2.873	260,336.62	2.993	271,282.37	10,945.75
ESTIMATED										
Mar-20	VARIOUS	ECONOMY	5,160.0	0.0	5,160.0	3.910	201,780.00	22.602	1,166,250.00	964,470.00
ESTIMATED										
Apr-20	VARIOUS	ECONOMY	146,540.0	0.0	146,540.0	2.603	3,815,160.00	2.751	4,031,010.00	215,850.00
ESTIMATED										
May-20	VARIOUS	ECONOMY	150,240.0	0.0	150,240.0	2.901	4,358,110.00	2.968	4,458,400.00	100,290.00
ESTIMATED										
Jun-20	VARIOUS	ECONOMY	135,310.0	0.0	135,310.0	2.894	3,915,780.00	3.354	4,538,780.00	623,000.00
ESTIMATED										
Jul-20	VARIOUS	ECONOMY	217,170.0	0.0	217,170.0	3.001	6,518,100.00	3.234	7,023,590.00	505,490.00
ESTIMATED										
Aug-20	VARIOUS	ECONOMY	218,200.0	0.0	218,200.0	3.017	6,583,010.00	3.570	7,790,360.00	1,207,350.00
ESTIMATED										
Sep-20	VARIOUS	ECONOMY	210,540.0	0.0	210,540.0	3.011	6,338,680.00	3.656	7,697,610.00	1,358,930.00
ESTIMATED										
Oct-20	VARIOUS	ECONOMY	219,880.0	0.0	219,880.0	3.074	6,760,150.00	3.912	8,602,030.00	1,841,880.00
ESTIMATED										
Nov-20	VARIOUS	ECONOMY	145,460.0	0.0	145,460.0	2.883	4,193,550.00	3.749	5,453,860.00	1,260,310.00
ESTIMATED										
Dec-20	VARIOUS	ECONOMY	10,280.0	0.0	10,280.0	4.066	417,970.00	13.866	1,425,430.00	1,007,460.00
TOTAL	VARIOUS	ECONOMY	1,476,209.0	0.0	1,476,209.0	2.959	43,677,129.42	3.575	52,777,148.37	9,100,018.95

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SCHEDULE E10

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

	Current	Projected	Difference	
	Feb 20 - May 20	June 20 - Dec 20	\$	%
Base Rate Revenue	67.76	67.76	0.00	0.0%
Fuel Recovery Revenue	27.02	16.28	(10.74)	-39.7%
Conservation Revenue	2.32	2.32	0.00	0.0%
Capacity Revenue	0.10	(0.12)	(0.22)	-220.0%
Environmental Revenue	2.44	2.44	0.00	0.0%
Florida Gross Receipts Tax Revenue	2.55	2.27	(0.28)	-11.0%
TOTAL REVENUE	\$102.19	\$90.95	(\$11.24)	-11.0%

SCHEDULE H1

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

	ACTUAL 2017	ACTUAL 2018	ACTUAL 2019	ACT/EST 2020	DIFFERENCE (%)		
					2018-2017	2019-2018	2020-2019
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
2 LIGHT OIL ⁽¹⁾	10,825	51,583	183,150	2,549,660	376.5%	255.1%	1292.1%
3 COAL	198,469,769	125,828,296	45,241,314	39,846,550	-36.6%	-64.0%	-11.9%
4 NATURAL GAS	412,107,824	505,830,903	480,359,200	400,147,918	22.7%	-5.0%	-16.7%
5 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
6 OTHER	0	0	0	0	0.0%	0.0%	0.0%
7 TOTAL (\$)	610,588,418	631,710,782	525,783,664	442,544,128	3.5%	-16.8%	-15.8%
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
9 LIGHT OIL ⁽¹⁾	36	173	582	10,800	380.6%	236.4%	1755.7%
10 COAL	6,013,495	3,533,451	1,194,254	914,389	-41.2%	-66.2%	-23.4%
11 NATURAL GAS	13,685,288	16,096,514	17,513,363	16,693,624	17.6%	8.8%	-4.7%
12 SOLAR	44,594	118,322	756,215	1,337,363	165.3%	539.1%	76.8%
13 OTHER	0	0	0	0	0.0%	0.0%	0.0%
14 TOTAL (MWH)	19,743,413	19,748,460	19,464,414	18,956,176	0.0%	-1.4%	-2.6%
UNITS OF FUEL BURNED							
15 HEAVY OIL (BBL) ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
16 LIGHT OIL (BBL) ⁽¹⁾	85	405	1,436	20,000	376.5%	254.6%	1292.8%
17 COAL (TON)	2,655,830	1,626,026	570,012	503,880	-38.8%	-64.9%	-11.6%
18 NATURAL GAS (MCF)	100,512,457	121,581,188	137,873,625	123,384,889	21.0%	13.4%	-10.5%
19 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
20 OTHER	0	0	0	0	0.0%	0.0%	0.0%
BTUS BURNED (MMBTU)							
21 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
22 LIGHT OIL ⁽¹⁾	495	1,349	8,362	115,600	172.5%	519.9%	1282.4%
23 COAL	64,801,532	38,881,879	13,177,799	11,385,385	-40.0%	-66.1%	-13.6%
24 NATURAL GAS	102,771,003	124,229,756	140,983,651	126,448,381	20.9%	13.5%	-10.3%
25 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
26 OTHER	0	0	0	0	0.0%	0.0%	0.0%
27 TOTAL (MMBTU)	167,573,029	163,112,984	154,169,812	137,949,365	-2.7%	-5.5%	-10.5%
GENERATION MIX (% MWH)							
28 HEAVY OIL ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
29 LIGHT OIL ⁽¹⁾	0.00	0.00	0.00	0.06	0.0%	0.0%	0.0%
30 COAL	30.45	17.89	6.13	4.82	-41.2%	-65.7%	-21.4%
31 NATURAL GAS	69.32	81.51	89.98	88.06	17.6%	10.4%	-2.1%
32 SOLAR	0.23	0.60	3.89	7.06	160.9%	548.3%	81.5%
33 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
34 TOTAL (%)	100.00	100.00	100.00	100.00	0.0%	0.0%	0.0%
FUEL COST PER UNIT							
35 HEAVY OIL (\$/BBL) ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
36 LIGHT OIL (\$/BBL) ⁽¹⁾	127.35	127.37	127.54	127.48	0.0%	0.1%	0.0%
37 COAL (\$/TON)	74.73	77.38	79.37	79.08	3.5%	2.6%	-0.4%
38 NATURAL GAS (\$/MCF)	4.10	4.16	3.48	3.24	1.5%	-16.3%	-6.9%
39 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
40 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
FUEL COST PER MMBTU (\$/MMBTU)							
41 HEAVY OIL ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
42 LIGHT OIL ⁽¹⁾	21.87	38.24	21.90	22.06	74.9%	-42.7%	0.7%
43 COAL	3.06	3.24	3.43	3.50	5.9%	5.9%	2.0%
44 NATURAL GAS	4.01	4.07	3.41	3.16	1.5%	-16.2%	-7.3%
45 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
46 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
47 TOTAL (\$/MMBTU)	3.64	3.87	3.41	3.21	6.3%	-11.9%	-5.9%
BTU BURNED PER KWH (BTU/KWH)							
48 HEAVY OIL ⁽¹⁾	0	0	0	0	0.0%	0.0%	0.0%
49 LIGHT OIL ⁽¹⁾	13,750	7,798	14,368	10,704	-43.3%	84.3%	-25.5%
50 COAL	10,776	11,004	11,034	12,451	2.1%	0.3%	12.8%
51 NATURAL GAS	7,510	7,718	8,050	7,575	2.8%	4.3%	-5.9%
52 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
53 OTHER	0	0	0	0	0.0%	0.0%	0.0%
54 TOTAL (BTU/KWH)	8,488	8,260	7,921	7,277	-2.7%	-4.1%	-8.1%
GENERATED FUEL COST PER KWH (cents/KWH)							
55 HEAVY OIL ⁽¹⁾	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
56 LIGHT OIL ⁽¹⁾	30.07	29.82	31.47	23.61	-0.8%	5.5%	-25.0%
57 COAL	3.30	3.56	3.79	4.36	7.9%	6.5%	15.0%
58 NATURAL GAS	3.01	3.14	2.74	2.40	4.3%	-12.7%	-12.4%
59 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
60 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
61 TOTAL (cents/KWH)	3.09	3.20	2.70	2.33	3.6%	-15.6%	-13.7%

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

“Exhibit D”

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

	Actual Jan-20	Actual Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated 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	0	0	0	0	259,000	259,000	259,000	0	0	1,473,600	3,091,870
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)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(675,345)	(1,488,947)
4 TOTAL CAPACITY DOLLARS	407,803	274,777	(72,768)	(72,768)	(72,768)	(72,768)	186,232	186,232	186,232	(72,768)	(72,768)	798,255	1,602,923
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	(72,768)	(72,768)	(72,768)	(72,768)	186,232	186,232	186,232	(72,768)	(72,768)	798,255	1,602,923
7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	120,339	117,655	113,503	119,881	132,564	154,674	161,466	163,591	164,267	152,342	127,422	121,282	1,648,986
8 PRIOR PERIOD TRUE-UP PROVISION	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	(181,606)	(2,179,217)
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	(61,262)	(63,946)	(68,098)	(61,720)	(49,037)	(26,927)	(20,135)	(18,010)	(17,334)	(29,259)	(54,179)	(60,324)	(530,231)
10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6)	(469,065)	(338,723)	4,670	11,048	23,731	45,841	(206,367)	(204,242)	(203,566)	43,509	18,589	(858,579)	(2,133,154)
11 INTEREST PROVISION FOR MONTH	(3,096)	(12)	3,821	4,808	5,180	5,586	5,782	5,749	5,656	5,785	6,176	5,761	51,196
12 SOBRA 1 TRUE UP	0	4,856,329	0	0	0	0	0	0	0	0	0	0	4,856,329
13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY (Actual ending December 2019)	(2,067,989)	(2,358,549)	2,340,646	2,530,738	2,728,195	2,938,707	3,171,735	3,152,751	3,135,859	3,119,550	3,350,445	3,556,811	(2,067,989)
14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH	181,601	181,601	181,601	181,601	181,601	181,601	181,601	181,601	181,601	181,601	181,601	181,606	2,179,217
15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14)	(2,358,549)	2,340,646	2,530,738	2,728,195	2,938,707	3,171,735	3,152,751	3,135,859	3,119,550	3,350,445	3,556,811	2,885,599	2,885,599

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

	Actual Jan-20	Actual Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated 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	2,530,738	2,728,195	2,938,707	3,171,735	3,152,751	3,135,859	3,119,550	3,350,445	3,556,811	(2,067,989)
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(2,355,453)	2,340,658	2,526,917	2,723,387	2,933,527	3,166,149	3,146,969	3,130,110	3,113,894	3,344,660	3,550,635	2,879,838	(2,021,926)
3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2)	(4,423,442)	(17,891)	4,867,563	5,254,125	5,661,722	6,104,856	6,318,704	6,282,861	6,249,753	6,464,210	6,901,080	6,436,649	(4,089,915)
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(2,211,721)	(8,946)	2,433,782	2,627,063	2,830,861	3,052,428	3,159,352	3,141,431	3,124,877	3,232,105	3,450,540	3,218,325	(2,044,958)
5 INTEREST RATE % - 1ST DAY OF MONTH	1.710	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	NA
6 INTEREST RATE % - 1ST DAY OF NEXT MONTH	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	2.150	NA
7 TOTAL (LINE 5 + LINE 6)	3.350	3.200	3.760	4.400	4.400	4.400	4.400	4.400	4.350	4.300	4.300	4.300	NA
8 AVERAGE INTEREST RATE % (50% OF LINE 7)	1.675	1.600	1.880	2.200	2.200	2.200	2.200	2.200	2.175	2.150	2.150	2.150	NA
9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12)	0.140	0.133	0.157	0.183	0.183	0.183	0.183	0.183	0.181	0.179	0.179	0.179	NA
10 INTEREST PROVISION (LINE 4 X LINE 9)	(3,096)	(12)	3,821	4,808	5,180	5,586	5,782	5,749	5,656	5,785	6,176	5,761	51,196

“Exhibit E”

MID-COURSE
PROJECTED CAPACITY COST RECOVERY
JUNE 2020 - DECEMBER 2020

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JUNE 2020 THROUGH DECEMBER 2020
PROJECTED**

RATE CLASS	(1) AVG 12 CP LOAD FACTOR AT METER (%)	(2) PROJECTED SALES AT METER (MWH)	(3) PROJECTED AVG 12 CP AT METER (MW)	(4) DEMAND LOSS EXPANSION FACTOR	(5) ENERGY LOSS EXPANSION FACTOR	(6) PROJECTED SALES AT GENERATION (MWH)	(7) PROJECTED AVG 12 CP AT GENERATION (MW)	(8) PERCENTAGE OF SALES AT GENERATION (%)	(9) PERCENTAGE OF DEMAND AT GENERATION (%)	(10) 12 CP & 1/13 AVG DEMAND FACTOR (%)
RS,RSVP	54.87%	6,241,271	1,990	1.08045	1.05238	6,568,164	2,150	50.70%	56.99%	56.51%
GS, CS	62.24%	610,774	180	1.08045	1.05236	642,752	195	4.96%	5.17%	5.15%
GSD Optional	4.71%	312,872	77	1.07575	1.04878	328,135	83	2.53%	2.20%	2.23%
GSD, SBF	70.76%	4,709,626	1,155	1.07575	1.04878	4,939,379	1,243	38.12%	32.94%	33.34%
IS,SBI	79.71%	379,716	93	1.02851	1.01705	386,189	96	2.98%	2.54%	2.57%
LS1	333.63%	87,057	5	1.08045	1.05238	91,617	6	0.71%	0.16%	0.20%
TOTAL		12,341,316	3,501			12,956,236	3,773	100.00%	100.00%	100.00%

- (1) AVG 12 CP load factor based on 2019 projected calendar data.
- (2) Projected MWH sales for the period June 2020 thru December 2020.
- (3) Based on 12 months average CP at meter.
- (4) Based on 2019 projected demand losses.
- (5) Based on 2019 projected energy losses.
- (6) Col (2) * Col (5).
- (7) Col (3) * Col (4).
- (8) Based on 12 months average percentage of sales at generation.
- (9) Based on 12 months average percentage of demand at generation.
- (10) Col (8) * 0.0769 + Col (9) * 0.9231

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JUNE 2020 THROUGH DECEMBER 2020
PROJECTED**

	Actual January	Actual February	March	April	May	June	July	August	September	October	November	December	Total
1 UNIT POWER CAPACITY CHARGES	497,430	343,840	0	0	0	0	259,000	259,000	259,000	0	0	1,473,600	3,091,870
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)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(675,345)	(1,488,947)
4 TOTAL CAPACITY DOLLARS	\$407,803	\$274,777	(\$72,768)	(\$72,768)	(\$72,768)	(\$72,768)	\$186,232	\$186,232	\$186,232	(\$72,768)	(\$72,768)	\$798,255	\$1,602,923
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	(\$72,768)	(\$72,768)	(\$72,768)	(\$72,768)	\$186,232	\$186,232	\$186,232	(\$72,768)	(\$72,768)	\$798,255	\$1,602,923
7 ESTIMATED TRUE-UP FOR THE PERIOD ENDING MAY 2020													(2,938,707)
8 TOTAL													(\$1,335,784)
9 REVENUE TAX FACTOR													1.00072
10 TOTAL RECOVERABLE CAPACITY DOLLARS													(\$1,336,746)

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JUNE 2020 THROUGH DECEMBER 2020
PROJECTED**

RATE CLASS	(1) PERCENTAGE OF SALES AT GENERATION (%)	(2) PERCENTAGE OF DEMAND AT GENERATION (%)	(3) ENERGY RELATED COSTS (\$)	(4) DEMAND RELATED COSTS (\$)	(5) TOTAL CAPACITY COSTS (\$)	(6) PROJECTED SALES AT METER (MWH)	(7) EFFECTIVE AT SECONDARY LEVEL (MWH)	(8) BILLING KW LOAD FACTOR (%)	(9) PROJECTED BILLED KW AT METER (kw)	(10) CAPACITY RECOVERY FACTOR (\$/kw)	(11) CAPACITY RECOVERY FACTOR (\$/kwh)
RS	50.70%	56.99%	(52,117)	(703,229)	(755,346)	6,241,271	6,241,271				-0.00012
GS, CS	4.96%	5.17%	(5,099)	(63,795)	(68,894)	610,774	610,774				-0.00011
GSD, SBF											
Secondary						3,856,437	3,856,437			-0.04	
Primary						848,017	839,537			-0.04	
Transmission						5,172	5,069			-0.04	
GSD, SBF - Standard	38.12%	32.94%	(39,186)	(406,463)	(445,649)	4,709,626	4,701,043	60.45%	10,653,379		
GSD - Optional	2.53%	2.20%	(2,601)	(27,147)	(29,748)						
Secondary						306,903	306,903				-0.00010
Primary						5,969	5,909				-0.00010
Transmission						0	0				-0.00010
IS, SBI											
Primary						68,305	67,622			-0.04	
Transmission						311,411	305,183			-0.04	
Total IS, SBI	2.98%	2.54%	(3,063)	(31,342)	(34,405)	379,716	372,805	54.84%	931,237		
LS1	0.71%	0.16%	(730)	(1,974)	(2,704)	87,057	87,057				-0.00003
TOTAL	100.00%	100.00%	(102,796)	(1,233,950)	(1,336,746)	12,341,316	12,325,762				-0.00011

- (1) Obtained from page 1.
- (2) Obtained from page 1.
- (3) Total capacity costs * 0.0769 * Col (1).
- (4) Total capacity costs * 0.9231 * Col (2).
- (5) Col (3) + Col (4).
- (6) Projected kWh sales for the period June 2020 through December 2020.
- (7) Projected kWh sales at secondary for the period June 2020 through December 2020.
- (8) Col 7 / (Col 9 * 730)*1000
- (9) Projected kw demand for the period June 2020 through December 2020.
- (10) Total Col (5) / Total Col (9).
- (11) {Col (5) / Total Col (7)} / 1000.

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

	Actual Jan-20	Actual Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated 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	0	0	0	0	259,000	259,000	259,000	0	0	1,473,600	3,091,870
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)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(72,768)	(675,345)	(1,488,947)
4 TOTAL CAPACITY DOLLARS	407,803	274,777	(72,768)	(72,768)	(72,768)	(72,768)	186,232	186,232	186,232	(72,768)	(72,768)	798,255	1,602,923
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	(72,768)	(72,768)	(72,768)	(72,768)	186,232	186,232	186,232	(72,768)	(72,768)	798,255	1,602,923
7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	120,339	117,655	113,503	119,881	132,564	(194,194)	(202,372)	(205,043)	(205,752)	(191,206)	(160,731)	(153,173)	(708,529)
8 PRIOR PERIOD TRUE-UP PROVISION	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	-	-	-	-	-	-	-	(908,005)
8a MID-COURSE TRUE-UP PROVISION	-	-	-	-	-	419,815	419,815	419,815	419,815	419,815	419,815	419,817	2,938,707
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	(61,262)	(63,946)	(68,098)	(61,720)	(49,037)	225,621	217,443	214,772	214,063	228,609	259,084	266,644	1,322,173
10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6)	(469,065)	(338,723)	4,670	11,048	23,731	298,389	31,211	28,540	27,831	301,377	331,852	(531,611)	(280,750)
11 INTEREST PROVISION FOR MONTH	(3,096)	(12)	3,821	4,808	5,180	5,267	4,810	4,105	3,359	2,871	2,691	1,766	35,570
12 SOBRA 1 TRUE UP	0	4,856,329	0	0	0	0	0	0	0	0	0	0	4,856,329
13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY (Actual ending December 2019)	(2,067,989)	(2,358,549)	2,340,646	2,530,738	2,728,195	2,938,707	2,822,548	2,438,754	2,051,584	1,662,959	1,547,392	1,462,120	(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	2,530,738	2,728,195	2,938,707	2,822,548	2,438,754	2,051,584	1,662,959	1,547,392	1,462,120	512,458	512,458

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

	Actual Jan-20	Actual Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated 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	2,530,738	2,728,195	2,938,707	2,822,548	2,438,754	2,051,584	1,662,959	1,547,392	1,462,120	(2,067,989)
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(2,355,453)	2,340,658	2,526,917	2,723,387	2,933,527	2,817,281	2,433,944	2,047,479	1,659,600	1,544,521	1,459,429	510,692	(4,379,441)
3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2)	(4,423,442)	(17,891)	4,867,563	5,254,125	5,661,722	5,755,988	5,256,492	4,486,233	3,711,184	3,207,480	3,006,821	1,972,812	(6,447,430)
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(2,211,721)	(8,946)	2,433,782	2,627,063	2,830,861	2,877,994	2,628,246	2,243,117	1,855,592	1,603,740	1,503,411	986,406	(3,223,715)
5 INTEREST RATE % - 1ST DAY OF MONTH	1.710	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	NA
6 INTEREST RATE % - 1ST DAY OF NEXT MONTH	1.640	1.560	2.200	2.200	2.200	2.200	2.200	2.200	2.150	2.150	2.150	2.150	NA
7 TOTAL (LINE 5 + LINE 6)	3.350	3.200	3.760	4.400	4.400	4.400	4.400	4.400	4.350	4.300	4.300	4.300	NA
8 AVERAGE INTEREST RATE % (50% OF LINE 7)	1.675	1.600	1.880	2.200	2.200	2.200	2.200	2.200	2.175	2.150	2.150	2.150	NA
9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12)	0.140	0.133	0.157	0.183	0.183	0.183	0.183	0.183	0.181	0.179	0.179	0.179	NA
10 INTEREST PROVISION (LINE 4 X LINE 9)	(3,096)	(12)	3,821	4,808	5,180	5,267	4,810	4,105	3,359	2,871	2,691	1,766	35,570

A F F I D A V I T

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared Penelope A. Rusk who deposed and said that she is Director, Regulatory Affairs, Tampa Electric Company, and that the information provided in Tampa Electric Company's Petition for Mid-Course Correction of its Fuel Cost Recovery Factors and Capacity Cost Recovery Factors and associated schedules provided as Exhibit "A" through Exhibit "D" are true and correct to the best of her information and belief.

Dated at Tampa, Florida this 16th day of March, 2020.

Penelope Rusk

Sworn to and subscribed before me this 16th day of March, 2020.

Krystal Chisolm

My Commission expires _____

