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April 24, 2020

ELECTRONIC FILING

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

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

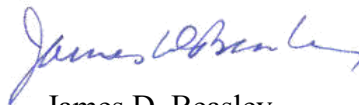
Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of March 2020 as well as the following revised pages:

Schedule A3 Revised	February 2020	2 Pages
Schedule A4 Revised	January 2020	2 Pages
Schedule A3 Revised	January 2020	1 Pages

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/ne

Attachment

cc: All Parties of Record (w/attachment)
Michael Barrett (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 24th day of April 2020 to the following:

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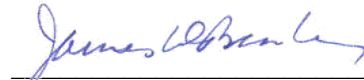
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ATTORNEY



TAMPA ELECTRIC COMPANY

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COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	31,379,547	38,521,895	(7,142,348)	-18.5%	1,625,095	1,432,279	192,816	13.5%	1.93094	2.68955	(0.75862)	-28.2%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments - Big Bend Units 1-4 Igniters Conversion Project	353,391	353,433	(42)	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	31,732,938	38,875,328	(7,142,390)	-18.4%	1,625,095	1,432,279	192,816	13.5%	1.95268	2.71423	(0.76155)	-28.1%
6. Fuel Cost of Purchased Power - Firm (A7)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	443,296	230,400	212,896	92.4%	11,672	5,830	5,842	100.2%	3.79794	3.95197	(0.15403)	-3.9%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	171,179	286,020	(114,841)	-40.2%	10,789	10,360	429	4.1%	1.58661	2.76081	(1.17420)	-42.5%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	614,475	516,420	98,055	19.0%	22,461	16,190	6,271	38.7%	2.73574	3.18975	(0.45400)	-14.2%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,647,556	1,448,469	199,087	13.7%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	48,146	15,110	33,036	218.6%	3,341	530	2,811	530.4%	1.44107	2.85094	(1.40988)	-49.5%
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	157,202	0	157,202	0.0%	9,946	0	9,946	0.0%	1.58055	0.00000	1.58055	0.0%
18. Gains on Sales	104,702	902	103,800	11507.8%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	310,050	16,012	294,038	1836.4%	13,287	530	12,757	2407.0%	2.33348	3.02113	(0.68765)	-22.8%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					757	0	757	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					3	0	3	0.0%				
22. Interchange and Wheeling Losses					319	24	295	1255.6%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	32,037,363	39,375,736	(7,338,373)	-18.6%	1,634,710	1,447,915	186,795	12.9%	1.95982	2.71948	(0.75966)	-27.9%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	3,284,285 (a)	2,303,833 (a)	980,452	42.6%	167,581	84,716	82,865	97.8%	1.95982	2.71948	(0.75966)	-27.9%
25. Company Use	57,560 (a)	84,304 (a)	(26,744)	-31.7%	2,937	3,100	(163)	-5.3%	1.95982	2.71948	(0.75966)	-27.9%
26. T & D Losses	2,058,241 (a)	934,588 (a)	1,123,653	120.2%	105,022	34,366	70,656	205.6%	1.95982	2.71948	(0.75966)	-27.9%
27. System KWH Sales	32,037,363	39,375,736	(7,338,373)	-18.6%	1,359,170	1,325,733	33,437	2.5%	2.35713	2.97011	(0.61298)	-20.6%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	32,037,363	39,375,736	(7,338,373)	-18.6%	1,359,170	1,325,733	33,437	2.5%	2.35713	2.97011	(0.61298)	-20.6%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	32,037,363	39,375,736	(7,338,373)	-18.6%	1,359,170	1,325,733	33,437	2.5%	2.35713	2.97011	(0.61298)	-20.6%
32. 2018 Optimization Mechanism Gain	93,363	93,363	0	0.0%	1,359,170	1,325,733	33,437	2.5%	0.00687	0.00704	(0.00017)	-2.5%
33. True-up *	2,561,836	2,561,836	0	0.0%	1,359,170	1,325,733	33,437	2.5%	0.18849	0.19324	(0.00475)	-2.5%
34. Fuel savings credit for Lake Hancock generation per Second SoBRA stipulation	0	0	0	0.0%	1,359,170	1,325,733	33,437	2.5%	0.00000	0.00000	0.00000	0.0%
35. Total Jurisdictional Fuel Cost (Excl. GPIF)	34,692,562	42,030,935	(7,338,373)	-17.5%	1,359,170	1,325,733	33,437	2.5%	2.55248	3.17039	(0.61791)	-19.5%
36. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
37. Fuel Cost Adjusted for Taxes (Excl. GPIF)	34,717,541	42,061,197	(7,343,656)	-17.5%	1,359,170	1,325,733	33,437	2.5%	2.55432	3.17267	(0.61835)	-19.5%
38. GPIF * (Already Adjusted for Taxes)	345,111	345,111	0	0.0%	1,359,170	1,325,733	33,437	2.5%	0.02539	0.02603	(0.00064)	-2.5%
39. Fuel Cost Adjusted for Taxes (Incl. GPIF)	35,062,652	42,406,308	(7,343,656)	-17.3%	1,359,170	1,325,733	33,437	2.5%	2.57971	3.19870	(0.61899)	-19.4%
40. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.580	3.199	(0.619)	-19.3%

* Based on Jurisdictional Sales (a) included for informational purposes only

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
PERIOD TO DATE THROUGH: March 2020

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	95,866,381	121,535,134	(25,668,753)	-21.1%	4,516,191	4,268,027	248,164	5.8%	2.12273	2.84757	(0.72485)	-25.5%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments - Big Bend Units 1-4 Igniters Conversion Project	1,066,882	1,067,065	(183)	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	96,933,263	122,602,199	(25,668,936)	-20.9%	4,516,191	4,268,027	248,164	5.8%	2.14635	2.87257	(0.72622)	-25.3%
6. Fuel Cost of Purchased Power - Firm (A7)	(1,050)	0	(1,050)	0.0%	(180)	0	(180)	0.0%	0.58333	0.00000	0.58333	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	1,018,136	293,890	724,246	246.4%	29,101	7,270	21,831	300.3%	3.49863	4.04250	(0.54387)	-13.5%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	551,235	842,440	(291,205)	-34.6%	31,316	30,880	436	1.4%	1.76023	2.72811	(0.96787)	-35.5%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	1,568,321	1,136,330	431,991	38.0%	60,237	38,150	22,087	57.9%	2.60358	2.97858	(0.37500)	-12.6%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					4,576,428	4,306,177	270,251	6.3%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	188,347	47,290	141,057	298.3%	10,966	1,700	9,266	545.1%	1.71755	2.78176	(1.06421)	-38.3%
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	177,487	0	177,487	0.0%	10,996	0	10,996	0.0%	1.61411	0.00000	1.61411	0.0%
18. Gains on Sales	125,385	2,824	122,561	4340.0%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	491,219	50,114	441,105	880.2%	21,962	1,700	20,262	1191.9%	2.23668	2.94788	(0.71121)	-24.1%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					232	0	232	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					1,976	0	1,976	0.0%				
22. Interchange and Wheeling Losses					2,498	75	2,423	3209.5%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	98,010,365	123,688,415	(25,678,050)	-20.8%	4,554,176	4,304,402	249,774	5.8%	2.15210	2.87353	(0.72143)	-25.1%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	3,322,341 (a)	(2,041,238) (a)	5,363,579	-262.8%	170,378	(62,759)	233,137	-371.5%	1.94998	3.25250	(1.30252)	-40.0%
25. Company Use	188,245 (a)	267,180 (a)	(78,935)	-29.5%	8,731	9,300	(569)	-6.1%	2.15605	2.87290	(0.71685)	-25.0%
26. T & D Losses	3,786,856 (a)	5,387,762 (a)	(1,600,906)	-29.7%	181,303	185,063	(3,760)	-2.0%	2.08869	2.91132	(0.82263)	-28.3%
27. System KWH Sales	98,010,365	123,688,415	(25,678,050)	-20.8%	4,193,764	4,172,798	20,966	0.5%	2.33705	2.96416	(0.62711)	-21.2%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	98,010,365	123,688,415	(25,678,050)	-20.8%	4,193,764	4,172,798	20,966	0.5%	2.33705	2.96416	(0.62711)	-21.2%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	98,010,365	123,688,415	(25,678,050)	-20.8%	4,193,764	4,172,798	20,966	0.5%	2.33705	2.96416	(0.62711)	-21.2%
32. 2018 Optimization Mechanism Gain	280,089	280,089	0	0.0%	4,193,764	4,172,798	20,966	0.5%	0.00668	0.00671	(0.00003)	-0.5%
33. True-up *	7,685,508	7,685,508	0	0.0%	4,193,764	4,172,798	20,966	0.5%	0.18326	0.18418	(0.00092)	-0.5%
34. Fuel savings credit for Lake Hancock generation per Second SoBRA stipulation	(236,322)	0	(236,322)	0.0%	4,193,764	4,172,798	20,966	0.5%	(0.00564)	0.00000	(0.00564)	0.0%
35. Total Jurisdictional Fuel Cost (Excl. GPIF)	105,739,640	131,654,012	(25,914,372)	-19.7%	4,193,764	4,172,798	20,966	0.5%	2.52135	3.15505	(0.63370)	-20.1%
36. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
37. Fuel Cost Adjusted for Taxes (Excl. GPIF)	105,815,773	131,748,803	(25,933,030)	-19.7%	4,193,764	4,172,798	20,966	0.5%	2.52317	3.15733	(0.63416)	-20.1%
38. GPIF * (Already Adjusted for Taxes)	1,035,333	1,035,333	0	0.0%	4,193,764	4,172,798	20,966	0.5%	0.02469	0.02481	(0.00012)	-0.5%
39. Fuel Cost Adjusted for Taxes (Incl. GPIF)	106,851,106	132,784,136	(25,933,030)	-19.5%	4,193,764	4,172,798	20,966	0.5%	2.54786	3.18214	(0.63428)	-19.9%
40. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.548	3.182	(0.634)	-19.9%

* Based on Jurisdictional Sales (a) included for informational purposes only

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CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	
A. FUEL COST & NET POWER TRANSACTION									
1. FUEL COST OF SYSTEM NET GENERATION	31,379,547	38,521,895	(7,142,348)	-18.5%	95,866,381	121,535,134	(25,668,753)	-21.1%	
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%	
2. FUEL COST OF POWER SOLD	205,348	15,110	190,238	1259.0%	365,834	47,290	318,544	673.6%	
2a. GAINS FROM SALES	104,702	902	103,800	11507.8%	125,385	2,824	122,561	4340.0%	
3. FUEL COST OF PURCHASED POWER	0	0	0	0.0%	(1,050)	0	(1,050)	0.0%	
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%	
3b. PAYMENT TO QUALIFIED FACILITIES	171,179	286,020	(114,841)	-40.2%	551,235	842,440	(291,205)	-34.6%	
4. ENERGY COST OF ECONOMY PURCHASES	<u>443,296</u>	<u>230,400</u>	<u>212,896</u>	<u>92.4%</u>	<u>1,018,136</u>	<u>293,890</u>	<u>724,246</u>	<u>246.4%</u>	
5. TOTAL FUEL & NET POWER TRANSACTION	31,683,972	39,022,303	(7,338,331)	-18.8%	96,943,483	122,621,350	(25,677,867)	-20.9%	
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	353,391	353,433	(42)	0.0%	1,066,882	1,067,065	(183)	0.0%	
6b. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
6c. ADJUSTMENT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	<u>32,037,363</u>	<u>39,375,736</u>	<u>(7,338,373)</u>	<u>-18.6%</u>	<u>98,010,365</u>	<u>123,688,415</u>	<u>(25,678,050)</u>	<u>-20.8%</u>	
B. MWH SALES									
1. JURISDICTIONAL SALES	1,359,170	1,325,733	33,437	2.5%	4,193,764	4,172,798	20,966	0.5%	
2. NONJURISDICTIONAL SALES	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	
3. TOTAL SALES	<u>1,359,170</u>	<u>1,325,733</u>	<u>33,437</u>	<u>2.5%</u>	<u>4,193,764</u>	<u>4,172,798</u>	<u>20,966</u>	<u>0.5%</u>	
4. JURISDIC. SALES-% TOTAL MWH SALES	1.0000000	1.0000000	0.0000000	0.0%	1.0000000	1.0000000	0.0000000	0.0%	

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	40,003,085	39,102,131	900,954	2.3%	123,692,735	123,743,391	(50,656)	0.0%	
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0%	0	0	0	0.0%	
2a. TRUE-UP PROVISION	(2,561,836)	(2,561,836)	0	0.0%	(7,685,508)	(7,685,508)	0	0.0%	
2b. GPIF PROVISION	(345,111)	(345,111)	0	0.0%	(1,035,333)	(1,035,333)	0	0.0%	
2c. 2018 OPTIMIZATION MECHANISM GAIN	(93,363)	(93,363)	0	0.0%	(280,089)	(280,089)	0	0.0%	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	<u>37,002,775</u>	<u>36,101,821</u>	<u>900,954</u>	<u>2.5%</u>	<u>114,691,805</u>	<u>114,742,461</u>	<u>(50,656)</u>	<u>0.0%</u>	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	32,037,363	39,375,736	(7,338,373)	-18.6%	98,010,365	123,688,415	(25,678,050)	-20.8%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	<u>1.0000000</u>	<u>1.0000000</u>	<u>0.0000000</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	32,037,363	39,375,736	(7,338,373)	-18.6%	98,010,365	123,688,415	(25,678,050)	-20.8%	
6a. JURISDIC. LOSS MULTIPLIER	<u>1.00000</u>	<u>1.00000</u>	<u>0.00000</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
6b. (LINE C6 x LINE C6a)	32,037,363	39,375,736	(7,338,373)	-18.6%	98,010,365	123,688,415	(25,678,050)	-20.8%	
6c. ADJUSTMENT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	<u>32,037,363</u>	<u>39,375,736</u>	<u>(7,338,373)</u>	<u>-18.6%</u>	<u>98,010,365</u>	<u>123,688,415</u>	<u>(25,678,050)</u>	<u>-20.8%</u>	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	4,965,412	(3,273,915)	8,239,327	-251.7%	16,681,440	(8,945,954)	25,627,394	-286.5%	
8. INTEREST PROVISION FOR THE MONTH	40,744	(59,723)	100,467	-168.2%	73,529	(180,615)	254,144	-140.7%	
9. FUEL SAVINGS CREDIT FOR LAKE HANCOCK GENERATION PER SECOND SoBRA STIPULATION	0	0	0	0.0%	236,322	0	236,322	0.0%	
10. TRUE-UP & INT. PROV. BEG. OF MONTH	22,187,879	(31,411,285)	53,599,164	-170.6%	-----NOT APPLICABLE-----				
11. TRUE-UP COLLECTED (REFUNDED)	<u>2,561,836</u>	<u>2,561,836</u>	<u>0</u>	<u>0.0%</u>	-----NOT APPLICABLE-----				
12. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C11)	<u>29,755,871</u>	<u>(32,183,087)</u>	<u>61,938,958</u>	<u>-192.5%</u>	-----NOT APPLICABLE-----				

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	
D. INTEREST PROVISION									
1. BEGINNING TRUE-UP AMOUNT (LINE C10)	22,187,879	(31,411,285)	53,599,164	-170.6%	-----NOT APPLICABLE-----				
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10 + C11)	<u>29,715,127</u>	<u>(32,123,364)</u>	<u>61,838,491</u>	<u>-192.5%</u>	-----NOT APPLICABLE-----				
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>51,903,006</u>	<u>(63,534,649)</u>	<u>115,437,655</u>	<u>-181.7%</u>	-----NOT APPLICABLE-----				
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	25,951,503	(31,767,325)	57,718,828	-181.7%	-----NOT APPLICABLE-----				
5. INT. RATE-FIRST DAY REP. BUS. MONTH	1.560	2.300	(0.740)	-32.2%	-----NOT APPLICABLE-----				
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>2.210</u>	<u>2.200</u>	<u>0.010</u>	<u>0.5%</u>	-----NOT APPLICABLE-----				
7. TOTAL (LINE D5 + LINE D6)	<u>3.770</u>	<u>4.500</u>	<u>(0.730)</u>	<u>-16.2%</u>	-----NOT APPLICABLE-----				
8. AVERAGE INT. RATE (50% OF LINE D7)	1.885	2.250	(0.365)	-16.2%	-----NOT APPLICABLE-----				
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.157	0.188	(0.031)	-16.5%	-----NOT APPLICABLE-----				
10. INT. PROVISION (LINE D4 x LINE D9)	<u>40,744</u>	<u>(59,723)</u>	<u>100,467</u>	<u>-168.2%</u>	-----NOT APPLICABLE-----				

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
FUEL COST OF SYSTEM NET GENERATION (\$)								
1 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
2 LIGHT OIL	0	317,757	(317,757)	-100.0%	0	932,771	(932,771)	-100.0%
3 COAL	1,258,618	0	1,258,618	0.0%	8,279,504	5,070,697	3,208,807	63.3%
4 NATURAL GAS	30,120,929	38,204,138	(8,083,209)	-21.2%	87,586,877	115,531,666	(27,944,789)	-24.2%
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 (\$)	31,379,547	38,521,895	(7,142,348)	-18.5%	95,866,381	121,535,134	(25,668,753)	-21.1%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	1,328	(1,328)	-100.0%	0	3,898	(3,898)	-100.0%
10 COAL	(664)	0	(664)	0.0%	178,075	117,100	60,975	52.1%
11 NATURAL GAS	1,521,132	1,308,921	212,211	16.2%	4,104,206	3,837,919	266,287	6.9%
12 SOLAR	104,627	122,030	(17,403)	-14.3%	233,910	309,110	(75,200)	-24.3%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,625,095	1,432,279	192,816	13.5%	4,516,191	4,268,027	248,164	5.8%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	0	2,492	(2,492)	-100.0%	0	7,316	(7,316)	-100.0%
17 COAL (TON)	(2,255)	0	(2,255)	0.0%	80,075	66,210	13,865	20.9%
18 NATURAL GAS (MCF)	11,701,767	9,459,532	2,242,235	23.7%	31,827,066	27,702,226	4,124,840	14.9%
19 SOLAR (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
20 OTHER (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
BTUS BURNED (MMBTU)								
21 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
22 LIGHT OIL	0	14,614	(14,614)	-100.0%	0	42,900	(42,900)	-100.0%
23 COAL	(51,555)	0	(51,555)	0.0%	1,849,000	1,489,800	359,200	24.1%
24 NATURAL GAS	11,991,164	9,692,236	2,298,928	23.7%	32,605,055	28,418,330	4,186,725	14.7%
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)	11,939,609	9,706,850	2,232,759	23.0%	34,454,055	29,951,030	4,503,025	15.0%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
29 LIGHT OIL	0.00%	0.09%	-0.09%	-100.0%	0.00%	0.09%	-0.09%	-100.0%
30 COAL	-0.04%	0.00%	-0.04%	0.0%	3.94%	2.74%	1.20%	43.7%
31 NATURAL GAS	93.60%	91.39%	2.22%	2.4%	90.88%	89.92%	0.96%	1.1%
32 SOLAR	6.44%	8.52%	-2.08%	-24.4%	5.18%	7.24%	-2.06%	-28.5%
33 OTHER	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
34 TOTAL (%)	100.00%	100.00%	0.00%	0.0%	100.00%	100.00%	0.00%	0.0%
FUEL COST PER UNIT								
35 HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
36 LIGHT OIL (\$/BBL)	0.00	127.51	(127.51)	-100.0%	0.00	127.50	(127.50)	-100.0%
37 COAL (\$/TON)	(558.15)	0.00	(558.15)	0.0%	103.40	76.59	26.81	35.0%
38 NATURAL GAS (\$/MCF)	2.57	4.04	(1.46)	-36.3%	2.75	4.17	(1.42)	-34.0%
39 SOLAR (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
40 OTHER (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
FUEL COST PER MMBTU (\$/MMBTU)								
41 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
42 LIGHT OIL	0.00	21.74	(21.74)	-100.0%	0.00	21.74	(21.74)	-100.0%
43 COAL	(24.41)	0.00	(24.41)	0.0%	4.48	3.40	1.07	31.6%
44 NATURAL GAS	2.51	3.94	(1.43)	-36.3%	2.69	4.07	(1.38)	-33.9%
45 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
46 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
47 TOTAL (\$/MMBTU)	2.63	3.97	(1.34)	-33.8%	2.78	4.06	(1.28)	-31.4%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
BTU BURNED PER KWH (BTU/KWH)									
48 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%	
49 LIGHT OIL	0	11,005	(11,005)	-100.0%	0	11,006	(11,006)	-100.0%	
50 COAL	77,643	0	77,643	0.0%	10,383	12,722	(2,339)	-18.4%	
51 NATURAL GAS	7,883	7,405	478	6.5%	7,944	7,405	539	7.3%	
52 SOLAR	0	0	0	0.0%	0	0	0	0.0%	
53 OTHER	0	0	0	0.0%	0	0	0	0.0%	
54 TOTAL (BTU/KWH)	7,347	6,777	570	8.4%	7,629	7,018	611	8.7%	
GENERATED FUEL COST PER KWH (cents/KWH)									
55 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
56 LIGHT OIL	0.00	23.93	(23.93)	-100.0%	0.00	23.93	(23.93)	-100.0%	
57 COAL	(189.55)	0.00	(189.55)	0.0%	4.65	4.33	0.32	7.4%	
58 NATURAL GAS	1.98	2.92	(0.94)	-32.2%	2.13	3.01	(0.88)	-29.2%	
59 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
60 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
61 TOTAL (cents/KWH)	1.93	2.69	(0.76)	-28.3%	2.12	2.85	(0.73)	-25.6%	

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	262	22.0	-	52.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,689	25.6	-	53.9	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	187	18.0	-	37.4	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	14,145	27.1	-	57.2	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	14,250	25.8	-	54.7	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	14,906	26.9	-	57.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	11,320	24.9	-	55.6	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	9,992	24.3	-	50.7	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	6,233	22.4	-	46.3	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	6,666	18.1	-	50.2	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.8	6,316	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	16,661	30.1	-	66.4	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	594.4	104,627	23.7	-	49.0	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	315	14,427	6.7	99.7	41.6	13,393	GAS	188,329	1,026,000	193,225.6	499,273	3.46	2.65
BIG BEND #2 TOTAL	350	53,041	20.3	100.0	37.4	12,710	GAS	657,075	1,026,000	674,159.4	1,741,951	3.28	2.65
B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	355	136,445	51.6	88.2	58.6	-	GAS	1,524,951	1,026,000	1,564,602.1	4,042,754	2.96	2.65
BIG BEND #3 TOTAL	355	136,445	51.6	88.2	58.6	11,467	-	-	-	1,564,602.1	4,042,754	2.96	-
B.B.#4 (COAL)	(4) 442	0	0.0	0.0	0.0	-	COAL	(2,255)	0	(51,555.4)	1,258,618	0.00	(558.15)
B.B.#4 (GAS)	195	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #4 TOTAL	442	0	0.0	0.0	0.0	0	-	-	-	(51,555.4)	1,258,618	0.00	-
B.B. IGNITION	-	-	-	-	-	-	GAS	14,473	1,026,000	14,849.0	38,368	-	2.65
BIG BEND CT #4 TOTAL	61	123	0.3	76.6	51.4	22,380	GAS	2,683	1,026,000	2,752.8	7,113	5.78	2.65
BIG BEND STATION TOTAL	1,523	204,036	16.9	71.7	25.3	11,933	-	-	-	2,383,184.6	7,588,077	3.72	-
POLK #1 GASIFIER	(3) 157	(664)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	177	74,207	63.1	89.3	70.7	11,822	GAS	855,041	1,026,000	877,272.1	2,121,712	2.07	2.48
POLK #1 ST	85	28,394	44.6	88.9	50.2	-	-	-	-	-	-	-	-
POLK #1 TOTAL	245	101,937	56.6	89.2	63.4	8,606	-	-	-	877,272.1	2,121,712	2.08	-
POLK #2 ST DUCT FIRING	120	17,450	19.6	-	89.7	8,400	GAS	142,865	1,026,000	146,579.1	354,507	2.03	2.48
POLK #2 ST W/O DUCT FIRING	360	239,795	89.6	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	257,245	72.0	98.7	89.7	-	GAS	-	-	146,579.1	354,507	0.14	-
POLK #2 CT (GAS)	180	96,687	72.2	100.0	79.0	11,151	GAS	1,050,877	1,026,000	1,078,199.9	2,607,661	2.70	2.48
POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LG.T.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	180	96,687	72.2	100.0	79.0	11,151	-	-	-	1,078,199.9	2,607,661	2.70	-
POLK #3 CT (GAS)	180	102,583	76.6	100.0	80.9	10,850	GAS	1,084,862	1,026,000	1,113,068.7	2,691,993	2.62	2.48
POLK #3 CT (OIL)	187	0	0.0	100.0	0.0	0	LG.T.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	180	102,583	76.6	100.0	80.9	10,850	-	-	-	1,113,068.7	2,691,993	2.62	-
POLK #4 TOTAL	180	104,894	78.3	98.7	83.2	10,697	GAS	1,093,645	1,026,000	1,122,079.3	2,713,786	2.59	2.48
POLK #5 TOTAL	180	103,923	77.6	100.0	82.8	10,712	GAS	1,084,992	1,026,000	1,113,202.0	2,692,314	2.59	2.48
POLK #2 CC TOTAL	1,200	665,332	74.5	99.3	75.5	6,873	GAS	-	-	4,573,128.9	11,060,261	1.66	-
POLK STATION TOTAL	1,445	767,269	54.9	96.1	54.9	7,104	-	-	-	5,450,401.0	13,181,973	1.72	-



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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	243	49,480	27.4	50.3	58.2	-		-	-	-	-	-	-
BAYSIDE CT1A	183	24,396	17.9	44.8	68.6	11,569	GAS	275,077	1,026,000	282,228.5	729,247	2.99	2.65
BAYSIDE CT1B	183	32,334	23.7	48.1	68.2	11,587	GAS	365,161	1,026,000	374,655.6	968,066	2.99	2.65
BAYSIDE CT1C	183	34,565	25.4	48.1	66.5	11,393	GAS	383,830	1,026,000	393,809.4	1,017,559	2.94	2.65
BAYSIDE UNIT 1 TOTAL	792	140,774	23.9	48.0	50.8	7,464	GAS	1,024,068	1,026,000	1,050,693.5	2,714,872	1.93	2.65
BAYSIDE ST 2	315	141,605	60.4	99.9	60.4	-		-	-	-	-	-	-
BAYSIDE CT2A	183	81,472	59.9	100.0	68.1	11,315	GAS	898,469	1,026,000	921,829.5	2,381,901	2.92	2.65
BAYSIDE CT2B	183	65,812	48.3	99.5	68.6	11,533	GAS	739,747	1,026,000	758,980.6	1,961,119	2.98	2.65
BAYSIDE CT2C	183	60,650	44.5	100.0	69.0	11,551	GAS	682,799	1,026,000	700,551.4	1,810,146	2.98	2.65
BAYSIDE CT2D	183	57,308	42.1	100.0	69.4	11,466	GAS	640,437	1,026,000	657,087.9	1,697,841	2.96	2.65
BAYSIDE UNIT 2 TOTAL	1,047	406,847	52.2	99.9	52.2	7,468	GAS	2,961,452	1,026,000	3,038,449.4	7,851,007	1.93	2.65
BAYSIDE UNIT 3 TOTAL	61	185	0.4	100.0	84.3	11,045	GAS	1,993	1,026,000	2,044.6	5,283	2.86	2.65
BAYSIDE UNIT 4 TOTAL	61	538	1.2	100.0	89.3	10,791	GAS	5,661	1,026,000	5,807.4	15,006	2.79	2.65
BAYSIDE UNIT 5 TOTAL	61	583	1.3	100.0	81.5	11,085	GAS	6,299	1,026,000	6,462.8	16,699	2.86	2.65
BAYSIDE UNIT 6 TOTAL	61	236	0.5	100.0	83.1	10,887	GAS	2,501	1,026,000	2,565.9	6,630	2.81	2.65
BAYSIDE STATION TOTAL	2,083	549,163	37.0	70.2	37.0	7,477	GAS	4,001,974	1,026,000	4,106,023.5	10,609,497	1.93	2.65
SYSTEM	5,645	1,625,095	38.7	78.0	45.3	7,379	-	-	-	11,939,609.1	31,379,547	1.93	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:

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

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

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020**

**SCHEDULE A5
PAGE 1 OF 2**

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
HEAVY OIL									
1 PURCHASES:									
2 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%	
3 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
4 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
5 BURNED:									
6 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%	
7 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
8 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
9 ENDING INVENTORY:									
10 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%	
11 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
12 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
13									
14 DAYS SUPPLY:	0	0	0	0.0%	-	-	-	-	
LIGHT OIL⁽¹⁾									
15 PURCHASES:									
16 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%	
17 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
18 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
19 BURNED:									
20 UNITS (BBL)	0	2,492	(2,492)	-100.0%	0	7,316	(7,316)	-100.0%	
21 UNIT COST (\$/BBL)	0.00	127.51	(127.51)	-100.0%	0.00	127.50	(127.50)	-100.0%	
22 AMOUNT (\$)	0	317,757	(317,757)	-100.0%	0	932,771	(932,771)	-100.0%	
23 ENDING INVENTORY:									
24 UNITS (BBL)	42,562	22,222	20,340	91.5%	42,562	22,222	20,340	91.5%	
25 UNIT COST (\$/BBL)	127.48	127.48	(0.00)	0.0%	127.48	127.48	(0.00)	0.0%	
26 AMOUNT (\$)	5,425,905	2,832,927	2,592,978	91.5%	5,425,905	2,832,927	2,592,978	91.5%	
27									
28 DAYS SUPPLY: NORMAL	575	300,231	(299,656)	-100.0%	-	-	-	-	
29 DAYS SUPPLY: EMERGENCY	6	3	3	100.0%	-	-	-	-	
COAL⁽²⁾									
30 PURCHASES:									
31 UNITS (TONS)	0	0	0	0.0%	2,587	0	2,587	0.0%	
32 UNIT COST (\$/TON)	0.00	0.00	0.00	0.0%	2.57	0.00	2.57	0.0%	
33 AMOUNT (\$)	0	0	0	0.0%	6,638	0	6,638	0.0%	
34 BURNED:									
35 UNITS (TONS)	*	(2,255)	0	(2,255)	0.0%	80,075	66,210	13,865	20.9%
36 UNIT COST (\$/TON)		(558.15)	0.00	(558.15)	0.0%	103.40	76.59	26.81	35.0%
37 AMOUNT (\$)	*	1,258,618	0	1,258,618	0.0%	8,279,504	5,070,697	3,208,807	63.3%
38 ENDING INVENTORY:									
39 UNITS (TONS)		202,284	364,162	(161,878)	-44.5%	202,284	364,162	(161,878)	-44.5%
40 UNIT COST (\$/TON)		70.67	70.19	0.48	0.7%	70.67	70.19	0.48	0.7%
41 AMOUNT (\$)		14,294,650	25,560,286	(11,265,636)	-44.1%	14,294,650	25,560,286	(11,265,636)	-44.1%
42									
43 DAYS SUPPLY:	1,495	2,691	(1,196)	-40.0%	-	-	-	-	
NATURAL GAS⁽³⁾									
44 PURCHASES:									
45 UNITS (MCF)	11,700,794	9,459,532	2,241,262	23.7%	31,848,991	27,702,226	4,146,765	15.0%	
46 UNIT COST (\$/MCF)	2.57	4.03	(1.47)	-36.3%	2.75	4.17	(1.42)	-34.0%	
47 AMOUNT (\$)	30,063,433	38,164,838	(8,101,405)	-21.2%	87,603,519	115,496,266	(27,892,747)	-24.2%	
48 BURNED:									
49 UNITS (MCF)	11,701,767	9,459,532	2,242,235	23.7%	31,827,066	27,702,226	4,124,840	14.9%	
50 UNIT COST (\$/MCF)	2.57	4.04	(1.46)	-36.3%	2.75	4.17	(1.42)	-34.0%	
51 AMOUNT (\$)	30,120,929	38,204,138	(8,083,209)	-21.2%	87,586,877	115,531,666	(27,944,789)	-24.2%	
52 ENDING INVENTORY:									
53 UNITS (MCF)	395,548	291,829	103,719	35.5%	395,548	291,829	103,719	35.5%	
54 UNIT COST (\$/MCF)	2.47	3.03	(0.56)	-18.4%	2.47	3.03	(0.56)	-18.4%	
55 AMOUNT (\$)	978,806	884,700	94,106	10.6%	978,806	884,700	94,106	10.6%	
56									
57 DAYS SUPPLY:	1	1	0	0.0%	-	-	-	-	
NUCLEAR									
58 BURNED:									
59 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%	
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
61 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	

SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

SCHEDULE A5
PAGE 2 OF 2

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
OTHER									
62 PURCHASES:									
63 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%	
64 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
65 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
66 BURNED:									
67 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%	
68 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
69 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
70 ENDING INVENTORY:									
71 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%	
72 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
73 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
74 DAYS SUPPLY:	0	0	0	0.0%	-	-	-	-	

* Consists of fixed costs and aerial survey adjustment in addition to prior month adjustments to Big Bend 4 Coal of:

	Units	Dollars	mmbtu's
November 2019	(146)	(10,584)	(3,370.9)
December 2019	(2,233)	(7,323)	(51,042.8)
January 2020	124	191,421	2,858.3
Total	(2,255)	173,514	(51,555.4)

(1) RECONCILIATION - LIGHT OIL

DIFFERENCE IN ENDING INVENTORY UNITS AND DOLLARS DUE TO:

	UNITS	DOLLARS
BB GYPSUM	0	0
BB COAL FIELD	0	0
BB OTHER PLANT	0	0
PK OTHER PLANT	0	0
TOTAL	<u>0</u>	<u>0</u>

(2) RECONCILIATION - COAL

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
FUEL ANALYSIS		28,822
NON-INV EXPENSE		391,510
BIG BEND #2 IGNITION		0
POLK NG IGNITION		0
AERIAL SURVEY ADJ		664,773
ADDITIVES	(4,715)	0
TOTAL	<u>(4,715)</u>	<u>1,085,105</u>

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		0
POLK NG IGNITION		0
INVENTORY ADJ	0	0
TOTAL	<u>0</u>	<u>0</u>

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

(1) SOLD TO	(2) TYPE & SCHEDULE	(3) TOTAL MWH SOLD	(4) MWH WHEELED OTHER SYSTEM	(5) MWH FROM OWN GENERATION	(6) CENTS/KWH		(7) TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	(8) TOTAL \$ FOR TOTAL COST (5)X(6B)	(9) GAINS ON MARKET BASED SALES	
					(A) FUEL COST	(B) TOTAL COST				
ESTIMATED:										
SEMINOLE	JURISD. SCH. - D	530.0	0.0	530.0	2.851	3.021	15,110.00	16,012.00	902.00	
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	2.851	3.021	15,110.00	16,012.00	902.00	
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD. SCH. - D	3,341.0	0.0	3,341.0	1.441	1.585	48,146.46	52,961.11	3,804.28	
DUKE ENERGY FLORIDA	SCH. - MA	5,350.0	0.0	5,350.0	1.596	2.722	85,372.00	145,604.52	50,110.52	
ORLANDO UTILITIES	SCH. - MA	4,090.0	0.0	4,090.0	1.574	2.864	64,377.00	117,146.07	44,002.77	
THE ENERGY AUTHORITY	SCH. - MA	506.0	0.0	506.0	1.473	3.047	7,452.09	15,420.14	6,784.67	
SUB-TOTAL CURRENT MONTH		13,287.0	0.0	13,287.0	1.545	2.492	205,347.55	331,131.84	104,702.24	
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.		3,341.0	0.0	3,341.0	1.441	1.585	48,146.46	52,961.11	3,804.28	
SUB-TOTAL SCHEDULE C POWER SALES		0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00	
SUB-TOTAL SCHEDULE CB POWER SALES		0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00	
SUB-TOTAL SCHEDULE MA/MB POWER SALES-JURISD.		9,946.0	0.0	9,946.0	1.581	2.797	157,201.09	278,170.73	100,897.96	
SUB-TOTAL OATT POWER SALES		0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00	
TOTAL		13,287.0	0.0	13,287.0	1.545	2.492	205,347.55	331,131.84	104,702.24	
CURRENT MONTH:										
DIFFERENCE		12,757.0	0.0	12,757.0	(1.306)	(0.529)	190,237.55	315,119.84	103,800.24	
DIFFERENCE %		2407.0%	0.0%	2407.0%	-45.8%	-17.5%	1259.0%	1968.0%	11507.8%	
PERIOD TO DATE:										
ACTUAL		21,962.0	0.0	21,962.0	1.666	2.362	365,832.92	518,679.06	125,384.86	
ESTIMATED		1,700.0	0.0	1,700.0	2.782	2.948	47,290.00	50,114.00	2,824.00	
DIFFERENCE		20,262.0	0.0	20,262.0	(1.116)	(0.586)	318,542.92	468,565.06	122,560.86	
DIFFERENCE %		1191.9%	0.0%	1191.9%	-40.1%	-19.9%	673.6%	935.0%	4340.0%	

PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FROM OTHER UTILITIES	MWH FOR INTER-RUPTIBLE	MWH FOR FIRM	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
						(A) FUEL COST	(B) TOTAL COST	
ESTIMATED:								
VARIOUS		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
ACTUAL:								
DUKE ENERGY FLORIDA	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL CURRENT MONTH		0.0	0.0	0.0	0.0	0.000	0.000	0.00
NO ADJUSTMENTS TO PRIOR MONTHS								
SUB-TOTAL SCHEDULE D PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL EMERGENCY A PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		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
CURRENT MONTH:								
DIFFERENCE		0.0	0.0	0.0	0.0	0.000	0.000	0.00
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PERIOD TO DATE:								
ACTUAL		(180.0)	0.0	0.0	(180.0)	0.583	0.583	(1,049.50)
ESTIMATED		0.0	0.0	0.0	0.0	0.000	0.000	0.00
DIFFERENCE		(180.0)	0.0	0.0	(180.0)	0.583	0.583	(1,049.50)
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FROM OTHER UTILITIES	MWH FOR INTER-RUPTIBLE	MWH FOR FIRM	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
						(A) FUEL COST	(B) TOTAL COST	
ESTIMATED:								
VARIOUS								
	COGEN.							
	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
ACTUAL:								
AS AVAILABLE								
McKAY BAY REFUSE	COGEN.	1.0	0.0	0.0	1.0	1.443	1.443	14.43
CARGILL RIDGEWOOD	COGEN.	308.0	0.0	0.0	308.0	1.232	1.232	3,795.65
CARGILL MILLPOINT	COGEN.	2,187.0	0.0	0.0	2,187.0	1.657	1.657	36,242.28
IMC-AGRICO-NEW WALES	COGEN.	55.0	0.0	0.0	55.0	1.138	1.138	626.01
IMC-AGRICO-S. PIERCE	COGEN.	8,228.0	0.0	0.0	8,228.0	1.583	1.583	130,288.30
SUB-TOTAL CURRENT MONTH		10,779.0	0.0	0.0	10,779.0	1.586	1.586	170,966.67
NET METERING		9.6	0.0	0.0	9.6	2.208	2.208	211.43
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		10,788.6	0.0	0.0	10,788.6	1.587	1.587	171,178.10
CURRENT MONTH:								
DIFFERENCE		428.6	0.0	0.0	428.6	(1.174)	(1.174)	(114,841.90)
DIFFERENCE %		4.1%	0.0%	0.0%	4.1%	-42.5%	-42.5%	-40.2%
PERIOD TO DATE:								
ACTUAL		31,315.8	0.0	0.0	31,315.8	1.760	1.760	551,233.74
ESTIMATED		30,880.0	0.0	0.0	30,880.0	2.728	2.728	842,440.00
DIFFERENCE		435.8	0.0	0.0	435.8	(0.968)	(0.968)	(291,206.26)
DIFFERENCE %		1.4%	0.0%	0.0%	1.4%	-35.5%	-35.5%	-34.6%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: March 2020

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FOR INTERRUP- TIBLE	(5) MWH FOR FIRM	(6) TRANSACTION COSTS CENTS/KWH	(7) TOTAL \$ FOR FUEL ADJUSTMENT (5) X (6)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8B)-7	
							(A) CENTS PER KWH	(B) TOTAL COST		
ESTIMATED:										
VARIOUS	Economy	5,830.0	0.0	5,830.0	3.952	230,400.00	14.414	840,360.00	609,960.00	
TOTAL		5,830.0	0.0	5,830.0	3.952	230,400.00	14.414	840,360.00	609,960.00	
ACTUAL:										
FLA. POWER & LIGHT	SCH. - J	2,950.0	0.0	2,950.0	3.268	96,400.00	4.855	143,212.00	46,812.00	
CITY OF LAKELAND	SCH. - J	800.0	0.0	800.0	8.900	71,200.00	8.900	71,200.00	0.00	
ORLANDO UTIL. COMM.	SCH. - J	700.0	0.0	700.0	4.300	30,100.00	4.300	30,100.00	0.00	
THE ENERGY AUTHORITY	SCH. - J	258.0	0.0	258.0	6.000	15,480.00	6.000	15,480.00	0.00	
EDF TRADING	SCH. - J	575.0	0.0	575.0	3.739	21,500.00	3.739	21,500.00	0.00	
EXGEN	SCH. - J	4,445.0	0.0	4,445.0	3.272	145,450.00	3.272	145,450.00	0.00	
SOUTHERN COMPANY	SCH. - J	1,644.0	0.0	1,644.0	3.149	51,770.00	3.149	51,770.00	0.00	
MACQUARIE ENERGY LLC	SCH. - J	300.0	0.0	300.0	4.000	12,000.00	4.000	12,000.00	0.00	
SUB-TOTAL CURRENT MONTH		11,672.0	0.0	11,672.0	3.803	443,900.00	4.204	490,712.00	46,812.00	
ADJUSTMENTS TO PRIOR MONTHS:										
FMPA	Feb 2020	SCH. - J	(2,188.0)	0.0	(2,188.0)	2.590	(56,672.48)	2.590	(56,672.48)	0.00
FMPA	Feb 2020	SCH. - J	2,188.0	0.0	2,188.0	2.563	56,068.54	2.563	56,068.54	0.00
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.000	(603.94)	0.000	(603.94)	0.00	
SUB-TOTAL SCHEDULE REB ECONOMY PURCHASES		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00	
SUB-TOTAL SCHEDULE C ECONOMY PURCHASES		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00	
SUB-TOTAL SCHEDULE J ECONOMY PURCHASES		11,672.0	0.0	11,672.0	3.798	443,296.06	4.199	490,108.06	46,812.00	
TOTAL		11,672.0	0.0	11,672.0	3.798	443,296.06	4.199	490,108.06	46,812.00	
CURRENT MONTH:										
DIFFERENCE		5,842.0	0.0	5,842.0	(0.154)	212,896.06	(10.215)	(350,251.94)	(563,148.00)	
DIFFERENCE %		100.2%	0.0%	100.2%	-3.9%	92.4%	-70.9%	-41.7%	-92.3%	
PERIOD TO DATE:										
ACTUAL		29,101.0	0.0	29,101.0	3.499	1,018,135.48	3.711	1,079,936.43	61,800.95	
ESTIMATED		7,270.0	0.0	7,270.0	4.043	293,890.00	22.688	1,649,410.00	1,355,520.00	
DIFFERENCE		21,831.0	0.0	21,831.0	(0.544)	724,245.48	(18.977)	(569,473.57)	(1,293,719.05)	
DIFFERENCE %		300.3%	0.0%	300.3%	-13.5%	246.4%	-83.6%	-34.5%	-95.4%	

**LIST OF ACRONYMS
TAMPA ELECTRIC COMPANY**

ACRONYM	DESCRIPTION
ROI	Return on Investment
WGC	Warm Gas Cleanup
OATT	Open Access Transmission Tariff
T&D	Transmission & Distribution
GPIF	Generating Performance Incentive Factor

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: February 2020

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
FUEL COST OF SYSTEM NET GENERATION (\$)								
1 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
2 LIGHT OIL	0	297,257	(297,257)	-100.0%	0	615,014	(615,014)	-100.0%
3 COAL	1,044,084	274,531	769,553	280.3%	7,020,886	5,070,697	1,950,189	38.5%
4 NATURAL GAS	27,009,533	37,560,467	(10,550,934)	-28.1%	57,465,948	77,327,528	(19,861,580)	-25.7%
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 (\$)	28,053,617	38,132,255	(10,078,638)	-26.4%	64,486,834	83,013,239	(18,526,405)	-22.3%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	1,242	(1,242)	-100.0%	0	2,570	(2,570)	-100.0%
10 COAL	(1,208)	6,580	(7,788)	-118.4%	178,739	117,100	61,639	52.6%
11 NATURAL GAS	1,336,780	1,209,907	126,873	10.5%	2,583,074	2,528,998	54,076	2.1%
12 SOLAR	69,676	99,820	(30,144)	-30.2%	129,283	187,080	(57,797)	-30.9%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,405,248	1,317,549	87,699	6.7%	2,891,096	2,835,748	55,348	2.0%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	0	2,332	(2,332)	-100.0%	0	4,824	(4,824)	-100.0%
17 COAL (TON)	0	3,830	(3,830)	-100.0%	82,330	66,210	16,120	24.3%
18 NATURAL GAS (MCF)	10,067,881	8,907,432	1,160,449	13.0%	20,125,299	18,242,694	1,882,605	10.3%
19 SOLAR (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
20 OTHER (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
BTUS BURNED (MMBTU)								
21 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
22 LIGHT OIL	0	13,671	(13,671)	-100.0%	0	28,286	(28,286)	-100.0%
23 COAL	0	86,270	(86,270)	-100.0%	1,900,555	1,489,800	410,755	27.6%
24 NATURAL GAS	10,315,146	9,147,029	1,168,117	12.8%	20,613,891	18,726,094	1,887,797	10.1%
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)	10,315,146	9,246,970	1,068,176	11.6%	22,514,446	20,244,180	2,270,266	11.2%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
29 LIGHT OIL	0.00%	0.09%	-0.09%	-100.0%	0.00%	0.09%	-0.09%	-100.0%
30 COAL	-0.09%	0.50%	-0.59%	-117.2%	6.18%	4.13%	2.05%	49.7%
31 NATURAL GAS	95.13%	91.83%	3.30%	3.6%	89.35%	89.18%	0.16%	0.2%
32 SOLAR	4.96%	7.58%	-2.62%	-34.6%	4.47%	6.60%	-2.13%	-32.2%
33 OTHER	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
34 TOTAL (%)	100.00%	100.00%	0.00%	0.0%	100.00%	100.00%	0.00%	0.0%
FUEL COST PER UNIT								
35 HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
36 LIGHT OIL (\$/BBL)	0.00	127.47	(127.47)	-100.0%	0.00	127.49	(127.49)	-100.0%
37 COAL (\$/TON)	0.00	71.68	(71.68)	-100.0%	85.28	76.59	8.69	11.3%
38 NATURAL GAS (\$/MCF)	2.68	4.22	(1.53)	-36.4%	2.86	4.24	(1.38)	-32.6%
39 SOLAR (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
40 OTHER (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
FUEL COST PER MMBTU (\$/MMBTU)								
41 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
42 LIGHT OIL	0.00	21.74	(21.74)	-100.0%	0.00	21.74	(21.74)	-100.0%
43 COAL	0.00	3.18	(3.18)	-100.0%	3.69	3.40	0.29	8.5%
44 NATURAL GAS	2.62	4.11	(1.49)	-36.2%	2.79	4.13	(1.34)	-32.5%
45 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
46 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
47 TOTAL (\$/MMBTU)	2.72	4.12	(1.40)	-34.0%	2.86	4.10	(1.24)	-30.2%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: February 2020

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
BTU BURNED PER KWH (BTU/KWH)								
48 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
49 LIGHT OIL	0	11,008	(11,008)	-100.0%	0	11,006	(11,006)	-100.0%
50 COAL	0	13,111	(13,111)	-100.0%	10,633	12,722	(2,089)	-16.4%
51 NATURAL GAS	7,716	7,560	156	2.1%	7,980	7,405	575	7.8%
52 SOLAR	0	0	0	0.0%	0	0	0	0.0%
53 OTHER	0	0	0	0.0%	0	0	0	0.0%
54 TOTAL (BTU/KWH)	7,340	7,018	322	4.6%	7,788	7,139	649	9.1%
GENERATED FUEL COST PER KWH (cents/KWH)								
55 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
56 LIGHT OIL	0.00	23.93	(23.93)	-100.0%	0.00	23.93	(23.93)	-100.0%
57 COAL	(86.43)	4.17	(90.60)	-2172.7%	3.93	4.33	(0.40)	-9.2%
58 NATURAL GAS	2.02	3.10	(1.08)	-34.8%	2.22	3.06	(0.84)	-27.5%
59 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
60 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
61 TOTAL (cents/KWH)	2.00	2.89	(0.89)	-30.8%	2.23	2.93	(0.70)	-23.9%

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	107	9.0	-	31.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	2,434	16.9	-	41.4	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	123	11.8	-	28.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	9,987	19.1	-	47.5	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	10,416	18.8	-	47.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	10,603	19.1	-	47.4	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	8,151	17.9	-	44.9	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	6,605	16.0	-	42.9	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	4,583	16.4	-	39.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	6,200	16.8	-	44.9	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	(3) 74.8	(11)	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	409	-	-	-	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	594.4	59,607	13.5	-	32.5	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	315	36,687	15.7	100.0	42.4	13,129	GAS	469,929	1,025,000	481,677.7	1,423,066	3.88	3.03
BIG BEND #2 TOTAL	350	81,100	31.1	46.9	71.5	11,351	GAS	898,078	1,025,000	920,530.2	2,719,609	3.35	3.03
B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	355	181,071	68.6	98.9	68.6	-	GAS	2,013,080	1,025,000	2,063,407.0	6,096,117	3.37	3.03
BIG BEND #3 TOTAL	355	181,071	68.6	98.9	68.6	11,396	-	-	-	2,063,407.0	6,096,117	3.37	-
B.B.#4 (COAL)	442	181,228	55.1	90.4	70.1	-	COAL	82,330	23,084,544	1,900,554.7	5,976,802	3.30	72.60
B.B.#4 (GAS)	195	6,934	4.8	90.4	82.7	-	GAS	71,983	1,025,000	73,782.2	217,982	3.14	3.03
BIG BEND #4 TOTAL	442	188,162	57.2	90.4	67.7	10,508	-	-	-	1,974,336.9	6,194,784	3.29	-
B.B. IGNITION	-	-	-	-	-	-	GAS	9,861	1,025,000	10,108.0	29,863	-	3.03
BIG BEND CT #4 TOTAL	(3) 61	(7)	0.0	77.1	0.0	0	GAS	2,625	1,025,000	2,690.5	7,950	(113.57)	3.03
BIG BEND STATION TOTAL	1,523	487,013	45.7	83.5	45.7	11,181	-	-	-	5,442,642.3	16,471,389	3.38	-
POLK #1 GASIFIER	(3) 157	(1,281)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	177	23,026	18.9	98.0	66.4	11,131	GAS	250,051	1,025,000	256,302.0	757,217	2.39	3.03
POLK #1 ST	85	8,681	13.2	97.8	47.2	-	-	-	-	-	-	-	-
POLK #1 TOTAL	245	30,426	16.9	97.9	59.3	8,424	-	-	-	256,302.0	757,217	2.49	-
POLK #2 ST DUCT FIRING	120	12,844	14.4	-	85.6	8,400	GAS	105,258	1,025,000	107,889.0	318,747	2.48	3.03
POLK #2 ST W/O DUCT FIRING	360	229,912	85.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	242,756	68.0	99.4	85.6	-	GAS	-	-	107,889.0	318,747	0.13	-
POLK #2 CT (GAS)	180	99,676	74.4	98.0	79.9	11,162	GAS	1,085,419	1,025,000	1,112,554.0	3,286,923	3.30	3.03
POLK #2 CT (OIL)	187	0	0.0	98.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	180	99,676	74.4	98.0	79.9	11,162	-	-	-	1,112,554.0	3,286,923	3.30	-
POLK #3 CT (GAS)	180	93,794	70.0	99.9	80.4	10,921	GAS	999,359	1,025,000	1,024,343.0	3,026,313	3.23	3.03
POLK #3 CT (OIL)	187	0	0.0	99.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	180	93,794	70.0	99.9	80.4	10,921	-	-	-	1,024,343.0	3,026,313	3.23	-
POLK #4 TOTAL	180	97,077	72.5	100.0	81.2	10,844	GAS	1,026,987	1,025,000	1,052,662.0	3,109,978	3.20	3.03
POLK #5 TOTAL	180	103,520	77.3	99.8	81.4	10,830	GAS	1,093,798	1,025,000	1,121,143.0	3,312,298	3.20	3.03
POLK #2 CC TOTAL	1,200	636,823	71.3	99.4	71.3	6,938	GAS	-	-	4,418,591.0	13,054,259	2.05	-
POLK STATION TOTAL	1,445	667,249	62.2	99.2	62.2	7,006	-	-	-	4,674,893.0	13,811,476	2.07	-

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	243	89,274	49.4	99.3	49.4	-		-	-	-	-	-	-
BAYSIDE CT1A	183	52,833	38.8	99.3	65.2	11,858	GAS	611,209	1,025,000	626,489.1	1,850,896	3.50	3.03
BAYSIDE CT1B	183	54,659	40.1	97.9	64.8	11,888	GAS	633,927	1,025,000	649,775.4	1,919,692	3.51	3.03
BAYSIDE CT1C	183	51,465	37.8	100.0	64.5	11,635	GAS	584,174	1,025,000	598,778.6	1,769,028	3.44	3.03
BAYSIDE UNIT 1 TOTAL	792	248,231	42.1	99.1	42.1	7,554	GAS	1,829,310	1,025,000	1,875,043.0	5,539,616	2.23	3.03
BAYSIDE ST 2	315	7,290	3.1	71.2	27.2	-		-	-	-	-	-	-
BAYSIDE CT2A	183	4,281	3.1	66.4	52.4	12,836	GAS	53,608	1,025,000	54,948.3	162,338	3.79	3.03
BAYSIDE CT2B	183	3,621	2.7	73.0	63.3	12,403	GAS	43,809	1,025,000	44,904.2	132,665	3.66	3.03
BAYSIDE CT2C	183	4,805	3.5	73.0	60.5	12,632	GAS	59,212	1,025,000	60,692.5	179,309	3.73	3.03
BAYSIDE CT2D	183	2,312	1.7	73.0	60.3	12,533	GAS	28,271	1,025,000	28,977.4	85,612	3.70	3.03
BAYSIDE UNIT 2 TOTAL	1,047	22,309	2.9	71.3	25.0	8,496	GAS	184,900	1,025,000	189,522.4	559,924	2.51	3.03
BAYSIDE UNIT 3 TOTAL	61	324	0.7	100.0	88.3	10,933	GAS	3,459	1,025,000	3,545.9	10,476	3.23	3.03
BAYSIDE UNIT 4 TOTAL	61	268	0.6	100.0	86.4	10,939	GAS	2,863	1,025,000	2,934.0	8,668	3.23	3.03
BAYSIDE UNIT 5 TOTAL	61	601	1.3	100.0	77.5	13,351	GAS	7,830	1,025,000	8,025.6	23,711	3.95	3.03
BAYSIDE UNIT 6 TOTAL	61	246	0.5	100.0	85.0	10,934	GAS	2,628	1,025,000	2,693.5	7,957	3.23	3.03
BAYSIDE STATION TOTAL	2,083	271,979	17.5	85.2	17.5	7,654	GAS	2,030,990	1,025,000	2,081,764.4	6,150,352	2.26	3.03
SYSTEM	5,645	1,485,848	35.4	88.7	37.7	8,212	-	-	-	12,199,299.8	36,433,217	2.45	-

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

CC = COMBINED CYCLE
ST = STEAM TURBINE

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

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: January 2020

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
FUEL COST OF SYSTEM NET GENERATION (\$)								
1 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
2 LIGHT OIL	0	317,757	(317,757)	-100.0%	0	317,757	(317,757)	-100.0%
3 COAL	5,976,802	4,796,166	1,180,636	24.6%	5,976,802	4,796,166	1,180,636	24.6%
4 NATURAL GAS	30,456,415	39,767,061	(9,310,646)	-23.4%	30,456,415	39,767,061	(9,310,646)	-23.4%
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 (\$)	36,433,217	44,880,984	(8,447,767)	-18.8%	36,433,217	44,880,984	(8,447,767)	-18.8%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	1,328	(1,328)	-100.0%	0	1,328	(1,328)	-100.0%
10 COAL	179,947	110,520	69,427	62.8%	179,947	110,520	69,427	62.8%
11 NATURAL GAS	1,246,294	1,319,091	(72,797)	-5.5%	1,246,294	1,319,091	(72,797)	-5.5%
12 SOLAR	59,607	87,260	(27,653)	-31.7%	59,607	87,260	(27,653)	-31.7%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,485,848	1,518,199	(32,351)	-2.1%	1,485,848	1,518,199	(32,351)	-2.1%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	0	2,492	(2,492)	-100.0%	0	2,492	(2,492)	-100.0%
17 COAL (TON)	82,330	62,380	19,950	32.0%	82,330	62,380	19,950	32.0%
18 NATURAL GAS (MCF)	10,057,418	9,335,262	722,156	7.7%	10,057,418	9,335,262	722,156	7.7%
19 SOLAR (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
20 OTHER (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
BTUS BURNED (MMBTU)								
21 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
22 LIGHT OIL	0	14,614	(14,614)	-100.0%	0	14,614	(14,614)	-100.0%
23 COAL	1,900,555	1,403,530	497,025	35.4%	1,900,555	1,403,530	497,025	35.4%
24 NATURAL GAS	10,298,745	9,579,066	719,679	7.5%	10,298,745	9,579,066	719,679	7.5%
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)	12,199,300	10,997,210	1,202,090	10.9%	12,199,300	10,997,210	1,202,090	10.9%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
29 LIGHT OIL	0.00%	0.09%	-0.09%	-100.0%	0.00%	0.09%	-0.09%	-100.0%
30 COAL	12.11%	7.28%	4.83%	66.4%	12.11%	7.28%	4.83%	66.4%
31 NATURAL GAS	83.88%	86.89%	-3.01%	-3.5%	83.88%	86.89%	-3.01%	-3.5%
32 SOLAR	4.01%	5.75%	-1.74%	-30.2%	4.01%	5.75%	-1.74%	-30.2%
33 OTHER	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
34 TOTAL (%)	100.00%	100.00%	0.00%	0.0%	100.00%	100.00%	0.00%	0.0%
FUEL COST PER UNIT								
35 HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
36 LIGHT OIL (\$/BBL)	0.00	127.51	(127.51)	-100.0%	0.00	127.51	(127.51)	-100.0%
37 COAL (\$/TON)	72.60	76.89	(4.29)	-5.6%	72.60	76.89	(4.29)	-5.6%
38 NATURAL GAS (\$/MCF)	3.03	4.26	(1.23)	-28.9%	3.03	4.26	(1.23)	-28.9%
39 SOLAR (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
40 OTHER (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
FUEL COST PER MMBTU (\$/MMBTU)								
41 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
42 LIGHT OIL	0.00	21.74	(21.74)	-100.0%	0.00	21.74	(21.74)	-100.0%
43 COAL	3.14	3.42	(0.27)	-8.0%	3.14	3.42	(0.27)	-8.0%
44 NATURAL GAS	2.96	4.15	(1.19)	-28.8%	2.96	4.15	(1.19)	-28.8%
45 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
46 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
47 TOTAL (\$/MMBTU)	2.99	4.08	(1.09)	-26.8%	2.99	4.08	(1.09)	-26.8%