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May 26, 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

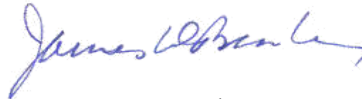
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor FPSC Docket No. 20200001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of April 2020.

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 26th day of May 2020 to the following:

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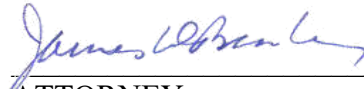
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ATTORNEY



TAMPA ELECTRIC COMPANY

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

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	25,492,298	38,369,419	(12,877,121)	-33.6%	1,437,953	1,556,840	(118,887)	-7.6%	1.77282	2.46457	(0.69175)	-28.1%
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	351,154	351,177	(23)	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)	25,843,452	38,720,596	(12,877,144)	-33.3%	1,437,953	1,556,840	(118,887)	-7.6%	1.79724	2.48713	(0.68989)	-27.7%
6. Fuel Cost of Purchased Power - Firm (A7)	129,561	0	129,561	0.0%	4,552	0	4,552	0.0%	2.84624	0.00000	2.84624	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	3,913,922	124,990	3,788,932	3031.4%	144,703	3,300	141,403	4284.9%	2.70480	3.78758	(1.08278)	-28.6%
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)	218,027	293,010	(74,983)	-25.6%	17,380	10,280	7,100	69.1%	1.25447	2.85029	(1.59582)	-56.0%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	4,261,510	418,000	3,843,510	919.5%	166,635	13,580	153,055	1127.1%	2.55739	3.07806	(0.52066)	-16.9%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,604,588	1,570,420	34,168	2.2%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	31,045	16,780	14,265	85.0%	2,824	600	2,224	370.7%	1.09933	2.79667	(1.69734)	-60.7%
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)	11,887	0	11,887	0.0%	925	0	925	0.0%	1.28508	0.00000	1.28508	0.0%
18. Gains on Sales	(6,819)	1,002	(7,821)	-780.5%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	36,113	17,782	18,331	103.1%	3,749	600	3,149	524.8%	0.96327	2.96367	(2.00040)	-67.5%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(429)	0	(429)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					1,511	0	1,511	0.0%				
22. Interchange and Wheeling Losses					1,600	27	1,573	5906.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	30,068,849	39,120,814	(9,051,965)	-23.1%	1,600,321	1,569,793	30,528	1.9%	1.87893	2.49210	(0.61317)	-24.6%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(106,084) (a)	2,148,165 (a)	(2,254,249)	-104.9%	(5,646)	86,199	(91,845)	-106.5%	1.87892	2.49210	(0.61318)	-24.6%
25. Company Use	55,729 (a)	77,255 (a)	(21,526)	-27.9%	2,966	3,100	(134)	-4.3%	1.87893	2.49210	(0.61317)	-24.6%
26. T & D Losses	1,282,010 (a)	1,470,821 (a)	(188,811)	-12.8%	68,231	59,019	9,212	15.6%	1.87893	2.49210	(0.61317)	-24.6%
27. System KWH Sales	30,068,849	39,120,814	(9,051,965)	-23.1%	1,534,770	1,421,475	113,295	8.0%	1.95918	2.75213	(0.79295)	-28.8%
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	30,068,849	39,120,814	(9,051,965)	-23.1%	1,534,770	1,421,475	113,295	8.0%	1.95918	2.75213	(0.79295)	-28.8%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	30,068,849	39,120,814	(9,051,965)	-23.1%	1,534,770	1,421,475	113,295	8.0%	1.95918	2.75213	(0.79295)	-28.8%
32. 2018 Optimization Mechanism Gain	93,363	93,363	0	0.0%	1,534,770	1,421,475	113,295	8.0%	0.00608	0.00657	(0.00048)	-7.4%
33. True-up *	2,561,836	2,561,836	0	0.0%	1,534,770	1,421,475	113,295	8.0%	0.16692	0.18022	(0.01330)	-7.4%
34. Fuel savings credit for Lake Hancock generation per Second SoBRA stipulation	0	0	0	0.0%	1,534,770	1,421,475	113,295	8.0%	0.00000	0.00000	0.00000	0.0%
35. Total Jurisdictional Fuel Cost (Excl. GPIF)	32,724,048	41,776,013	(9,051,965)	-21.7%	1,534,770	1,421,475	113,295	8.0%	2.13218	2.93892	(0.80674)	-27.5%
36. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
37. Fuel Cost Adjusted for Taxes (Excl. GPIF)	32,747,609	41,806,092	(9,058,483)	-21.7%	1,534,770	1,421,475	113,295	8.0%	2.13371	2.94104	(0.80733)	-27.5%
38. GPIF * (Already Adjusted for Taxes)	345,111	345,111	0	0.0%	1,534,770	1,421,475	113,295	8.0%	0.02249	0.02428	(0.00179)	-7.4%
39. Fuel Cost Adjusted for Taxes (Incl. GPIF)	33,092,720	42,151,203	(9,058,483)	-21.5%	1,534,770	1,421,475	113,295	8.0%	2.15620	2.96532	(0.80912)	-27.3%
40. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.156	2.965	(0.809)	-27.3%

* 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: April 2020

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	121,358,679	159,904,553	(38,545,874)	-24.1%	5,954,144	5,824,867	129,277	2.2%	2.03822	2.74521	(0.70698)	-25.8%
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	1,418,036	1,418,242	(206)	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)	122,776,715	161,322,795	(38,546,080)	-23.9%	5,954,144	5,824,867	129,277	2.2%	2.06204	2.76955	(0.70752)	-25.5%
6. Fuel Cost of Purchased Power - Firm (A7)	128,511	0	128,511	0.0%	4,372	0	4,372	0.0%	2.93941	0.00000	2.93941	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	4,932,058	418,880	4,513,178	1077.4%	173,804	10,570	163,234	1544.3%	2.83771	3.96291	(1.12520)	-28.4%
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)	769,262	1,135,450	(366,188)	-32.3%	48,696	41,160	7,536	18.3%	1.57972	2.75862	(1.17890)	-42.7%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	5,829,831	1,554,330	4,275,501	275.1%	226,872	51,730	175,142	338.6%	2.56966	3.00470	(0.43504)	-14.5%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					6,181,016	5,876,597	304,419	5.2%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	219,392	64,070	155,322	242.4%	13,790	2,300	11,490	499.6%	1.59095	2.78565	(1.19470)	-42.9%
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)	189,374	0	189,374	0.0%	11,921	0	11,921	0.0%	1.58857	0.00000	1.58857	0.0%
18. Gains on Sales	118,566	3,826	114,740	2999.0%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	527,332	67,896	459,436	676.7%	25,711	2,300	23,411	1017.9%	2.05100	2.95200	(0.90100)	-30.5%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(197)	0	(197)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					3,487	0	3,487	0.0%				
22. Interchange and Wheeling Losses					4,098	102	3,996	3912.9%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	128,079,214	162,809,229	(34,730,015)	-21.3%	6,154,497	5,874,195	280,302	4.8%	2.08107	2.77160	(0.69053)	-24.9%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	3,216,257 (a)	106,927 (a)	3,109,330	2907.9%	164,732	23,440	141,292	602.8%	1.95242	0.45617	1.49624	328.0%
25. Company Use	243,974 (a)	344,435 (a)	(100,461)	-29.2%	11,697	12,400	(703)	-5.7%	2.08578	2.77770	(0.69192)	-24.9%
26. T & D Losses	5,068,866 (a)	6,858,583 (a)	(1,789,717)	-26.1%	249,534	244,082	5,452	2.2%	2.03133	2.80995	(0.77862)	-27.7%
27. System KWH Sales	128,079,214	162,809,229	(34,730,015)	-21.3%	5,728,534	5,594,273	134,261	2.4%	2.23581	2.91028	(0.67447)	-23.2%
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	128,079,214	162,809,229	(34,730,015)	-21.3%	5,728,534	5,594,273	134,261	2.4%	2.23581	2.91028	(0.67447)	-23.2%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	128,079,214	162,809,229	(34,730,015)	-21.3%	5,728,534	5,594,273	134,261	2.4%	2.23581	2.91028	(0.67447)	-23.2%
32. 2018 Optimization Mechanism Gain	373,452	373,452	0	0.0%	5,728,534	5,594,273	134,261	2.4%	0.00652	0.00668	(0.00016)	-2.3%
33. True-up *	10,247,344	10,247,344	0	0.0%	5,728,534	5,594,273	134,261	2.4%	0.17888	0.18318	(0.00429)	-2.3%
34. Fuel savings credit for Lake Hancock generation per Second SoBRA stipulation	(236,322)	0	(236,322)	0.0%	5,728,534	5,594,273	134,261	2.4%	(0.00413)	0.00000	(0.00413)	0.0%
35. Total Jurisdictional Fuel Cost (Excl. GPIF)	138,463,688	173,430,025	(34,966,337)	-20.2%	5,728,534	5,594,273	134,261	2.4%	2.41709	3.10014	(0.68305)	-22.0%
36. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
37. Fuel Cost Adjusted for Taxes (Excl. GPIF)	138,563,382	173,554,895	(34,991,513)	-20.2%	5,728,534	5,594,273	134,261	2.4%	2.41883	3.10237	(0.68354)	-22.0%
38. GPIF * (Already Adjusted for Taxes)	1,380,444	1,380,444	0	0.0%	5,728,534	5,594,273	134,261	2.4%	0.02410	0.02468	(0.00058)	-2.3%
39. Fuel Cost Adjusted for Taxes (Incl. GPIF)	139,943,826	174,935,339	(34,991,513)	-20.0%	5,728,534	5,594,273	134,261	2.4%	2.44293	3.12705	(0.68412)	-21.9%
40. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.443	3.127	(0.684)	-21.9%

* 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: April 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	25,492,298	38,369,419	(12,877,121)	-33.6%	121,358,679	159,904,553	(38,545,874)	-24.1%	
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%	
2. FUEL COST OF POWER SOLD	42,932	16,780	26,152	155.9%	408,766	64,070	344,696	538.0%	
2a. GAINS FROM SALES	(6,819)	1,002	(7,821)	-780.5%	118,566	3,826	114,740	2999.0%	
3. FUEL COST OF PURCHASED POWER	129,561	0	129,561	0.0%	128,511	0	128,511	0.0%	
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%	
3b. PAYMENT TO QUALIFIED FACILITIES	218,027	293,010	(74,983)	-25.6%	769,262	1,135,450	(366,188)	-32.3%	
4. ENERGY COST OF ECONOMY PURCHASES	<u>3,913,922</u>	<u>124,990</u>	<u>3,788,932</u>	<u>3031.4%</u>	<u>4,932,058</u>	<u>418,880</u>	<u>4,513,178</u>	<u>1077.4%</u>	
5. TOTAL FUEL & NET POWER TRANSACTION	29,717,695	38,769,637	(9,051,942)	-23.3%	126,661,178	161,390,987	(34,729,809)	-21.5%	
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	351,154	351,177	(23)	0.0%	1,418,036	1,418,242	(206)	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>30,068,849</u>	<u>39,120,814</u>	<u>(9,051,965)</u>	<u>-23.1%</u>	<u>128,079,214</u>	<u>162,809,229</u>	<u>(34,730,015)</u>	<u>-21.3%</u>	
B. MWH SALES									
1. JURISDICTIONAL SALES	1,534,770	1,421,475	113,295	8.0%	5,728,534	5,594,273	134,261	2.4%	
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>1,534,770</u>	<u>1,421,475</u>	<u>113,295</u>	<u>8.0%</u>	<u>5,728,534</u>	<u>5,594,273</u>	<u>134,261</u>	<u>2.4%</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: April 2020

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	45,869,774	42,192,857	3,676,917	8.7%	169,562,509	165,936,248	3,626,261	2.2%
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%	(10,247,344)	(10,247,344)	0	0.0%
2b. GPIF PROVISION	(345,111)	(345,111)	0	0.0%	(1,380,444)	(1,380,444)	0	0.0%
2c. 2018 OPTIMIZATION MECHANISM GAIN	(93,363)	(93,363)	0	0.0%	(373,452)	(373,452)	0	0.0%
3. JURIS. FUEL REVENUE APPL. TO PERIOD	42,869,464	39,192,547	3,676,917	9.4%	157,561,269	153,935,008	3,626,261	2.4%
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	30,068,849	39,120,814	(9,051,965)	-23.1%	128,079,214	162,809,229	(34,730,015)	-21.3%
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	1.0000000	1.0000000	0.0000000	0.0%	-	-	-	-
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	30,068,849	39,120,814	(9,051,965)	-23.1%	128,079,214	162,809,229	(34,730,015)	-21.3%
6a. JURISDIC. LOSS MULTIPLIER	1.00000	1.00000	0.00000	0.0%	-	-	-	-
6b. (LINE C6 x LINE C6a)	30,068,849	39,120,814	(9,051,965)	-23.1%	128,079,214	162,809,229	(34,730,015)	-21.3%
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	30,068,849	39,120,814	(9,051,965)	-23.1%	128,079,214	162,809,229	(34,730,015)	-21.3%
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	12,800,615	71,733	12,728,882	17744.8%	29,482,055	(8,874,221)	38,356,276	-432.2%
8. INTEREST PROVISION FOR THE MONTH	35,565	(56,485)	92,050	-163.0%	109,094	(237,100)	346,194	-146.0%
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	29,755,871	(32,183,087)	61,938,958	-192.5%	NOT APPLICABLE			
11. TRUE-UP COLLECTED (REFUNDED)	2,561,836	2,561,836	0	0.0%	NOT APPLICABLE			
12. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C11)	45,153,887	(29,606,003)	74,759,890	-252.5%	NOT APPLICABLE			

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C10)	29,755,871	(32,183,087)	61,938,958	-192.5%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10 + C11)	<u>45,118,322</u>	<u>(29,549,518)</u>	<u>74,667,840</u>	<u>-252.7%</u>	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>74,874,193</u>	<u>(61,732,605)</u>	<u>136,606,798</u>	<u>-221.3%</u>	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	37,437,097	(30,866,303)	68,303,400	-221.3%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	2.210	2.200	0.010	0.5%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>0.080</u>	<u>2.200</u>	<u>(2.140)</u>	<u>-97.3%</u>	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	<u>2.270</u>	<u>4.400</u>	<u>(2.130)</u>	<u>-48.4%</u>	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	1.135	2.200	(1.065)	-48.4%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.095	0.183	(0.088)	-48.1%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>35,565</u>	<u>(56,485)</u>	<u>92,050</u>	<u>-163.0%</u>	NOT APPLICABLE			

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	240,881	(240,881)	-100.0%	0	1,173,652	(1,173,652)	-100.0%
3 COAL	355,640	824,594	(468,954)	-56.9%	8,635,144	5,895,291	2,739,853	46.5%
4 NATURAL GAS	25,136,658	37,303,944	(12,167,286)	-32.6%	112,723,535	152,835,610	(40,112,075)	-26.2%
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 (\$)	25,492,298	38,369,419	(12,877,121)	-33.6%	121,358,679	159,904,553	(38,545,874)	-24.1%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	1,007	(1,007)	-100.0%	0	4,905	(4,905)	-100.0%
10 COAL	(398)	19,440	(19,838)	-102.0%	177,677	136,540	41,137	30.1%
11 NATURAL GAS	1,337,908	1,388,433	(50,525)	-3.6%	5,442,114	5,226,352	215,762	4.1%
12 SOLAR	100,443	147,960	(47,517)	-32.1%	334,353	457,070	(122,717)	-26.8%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,437,953	1,556,840	(118,887)	-7.6%	5,954,144	5,824,867	129,277	2.2%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	0	1,890	(1,890)	-100.0%	0	9,206	(9,206)	-100.0%
17 COAL (TON)	0	10,610	(10,610)	-100.0%	80,075	76,820	3,255	4.2%
18 NATURAL GAS (MCF)	9,429,039	10,268,582	(839,543)	-8.2%	41,256,105	37,970,808	3,285,297	8.7%
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	11,079	(11,079)	-100.0%	0	53,978	(53,978)	-100.0%
23 COAL	0	238,710	(238,710)	-100.0%	1,849,000	1,728,510	120,490	7.0%
24 NATURAL GAS	9,682,959	10,530,361	(847,402)	-8.0%	42,288,014	38,948,691	3,339,323	8.6%
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)	9,682,959	10,780,150	(1,097,191)	-10.2%	44,137,014	40,731,180	3,405,834	8.4%
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%	0.06%	-0.06%	-100.0%	0.00%	0.08%	-0.08%	-100.0%
30 COAL	-0.03%	1.25%	-1.28%	-102.2%	2.98%	2.34%	0.64%	27.3%
31 NATURAL GAS	93.04%	89.18%	3.86%	4.3%	91.40%	89.72%	1.68%	1.9%
32 SOLAR	6.99%	9.50%	-2.52%	-26.5%	5.62%	7.85%	-2.23%	-28.4%
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	127.45	(127.45)	-100.0%	0.00	127.49	(127.49)	-100.0%
37 COAL (\$/TON)	0.00	77.72	(77.72)	-100.0%	107.84	76.74	31.10	40.5%
38 NATURAL GAS (\$/MCF)	2.67	3.63	(0.97)	-26.6%	2.73	4.03	(1.29)	-32.1%
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	3.45	(3.45)	-100.0%	4.67	3.41	1.26	36.9%
44 NATURAL GAS	2.60	3.54	(0.95)	-26.7%	2.67	3.92	(1.26)	-32.1%
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	3.56	(0.93)	-26.0%	2.75	3.93	(1.18)	-30.0%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	11,001	(11,001)	-100.0%	0	11,005	(11,005)	-100.0%	
50 COAL	0	12,279	(12,279)	-100.0%	10,407	12,659	(2,252)	-17.8%	
51 NATURAL GAS	7,237	7,584	(347)	-4.6%	7,771	7,452	319	4.3%	
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)	6,734	6,924	(190)	-2.7%	7,413	6,993	420	6.0%	
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	23.92	(23.92)	-100.0%	0.00	23.93	(23.93)	-100.0%	
57 COAL	(89.36)	4.24	(93.60)	-2207.5%	4.86	4.32	0.54	12.5%	
58 NATURAL GAS	1.88	2.69	(0.81)	-30.1%	2.07	2.92	(0.85)	-29.1%	
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)	1.77	2.46	(0.69)	-28.0%	2.04	2.75	(0.71)	-25.8%	

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	274	23.8	-	53.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,459	24.8	-	50.8	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	172	17.1	-	34.4	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	11,993	23.7	-	50.0	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	12,550	23.4	-	49.6	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	12,236	22.8	-	48.0	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	9,589	21.8	-	45.8	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	8,777	22.0	-	45.7	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	6,058	22.4	-	45.5	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	7,746	21.7	-	45.8	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.8	13,460	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	14,129	26.3	-	55.5	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	594.4	100,443	23.5	-	47.3	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	^{(3),(5)} 305	(1)	(0.0)	95.1	0.0	0	GAS	0	0	0.0	(14,505)	1,450.50	0.00
BIG BEND #2 TOTAL	⁽⁵⁾ 340	0	0.0	100.0	0.0	0	GAS	0	0	0.0	(50,606)	0.00	0.00
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	⁽⁵⁾ 345	208	0.1	100.0	19.1	-	GAS	681	1,027,000	699.7	(115,632)	(55.59)	(169.80)
BIG BEND #3 TOTAL	345	208	0.1	100.0	19.1	3,364	-	-	-	699.7	(115,632)	(55.59)	-
B.B.#4 (COAL)	⁽⁴⁾ 437	0	0.0	0.0	0.0	-	COAL	0	0	0.0	355,640	0.00	0.00
B.B.#4 (GAS)	185	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #4 TOTAL	437	0	0.0	0.0	0.0	0	-	-	-	0.0	355,640	0.00	-
B.B. IGNITION	⁽⁵⁾ -	-	-	-	-	-	GAS	647	1,027,000	664.0	609	-	0.94
BIG BEND CT #4 TOTAL	⁽⁵⁾ 56	615	1.5	100.0	80.4	15,633	GAS	9,362	1,027,000	9,614.5	24,752	4.02	2.64
BIG BEND STATION TOTAL	1,483	822	0.1	74.0	4.3	12,548	-	-	-	10,314.2	200,258	24.36	-
POLK #1 GASIFIER	⁽³⁾ 220	(398)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	⁽⁵⁾ 150	45,317	41.7	63.0	68.4	12,250	GAS	540,533	1,027,000	555,127.0	1,520,199	2.41	2.81
POLK #1 ST	85	17,857	29.0	64.7	48.2	-	-	-	-	-	-	-	-
POLK #1 TOTAL	235	62,776	37.1	63.6	60.9	8,843	-	-	-	555,127.0	1,520,199	2.42	-
POLK #2 ST DUCT FIRING	⁽⁵⁾ 120	8,412	9.7	-	81.0	8,400	GAS	68,800	1,027,000	70,658.0	196,647	2.34	2.86
POLK #2 ST W/O DUCT FIRING	341	211,603	86.2	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	220,015	66.3	93.0	81.0	-	GAS	-	-	70,658.0	196,647	0.09	-
POLK #2 CT (GAS)	⁽⁵⁾ 150	90,385	83.7	99.2	92.9	11,255	GAS	990,550	1,027,000	1,017,295.0	2,738,034	3.03	2.76
POLK #2 CT (OIL)	159	0	0.0	99.2	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	90,385	83.7	99.2	92.9	11,255	-	-	-	1,017,295.0	2,738,034	3.03	-
POLK #3 CT (GAS)	⁽⁵⁾ 150	90,166	83.5	95.1	96.2	10,957	GAS	961,981	1,027,000	987,955.0	2,665,021	2.96	2.77
POLK #3 CT (OIL)	159	0	0.0	95.1	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	90,166	83.5	95.1	96.2	10,957	-	-	-	987,955.0	2,665,021	2.96	-
POLK #4 TOTAL	⁽⁵⁾ 150	82,315	76.2	99.9	99.0	10,753	GAS	861,859	1,027,000	885,129.0	2,398,918	2.91	2.78
POLK #5 TOTAL	⁽⁵⁾ 150	98,932	91.6	100.0	97.8	10,813	GAS	1,041,660	1,027,000	1,069,785.0	2,877,448	2.91	2.76
POLK #2 CC TOTAL	1,061	581,813	76.2	96.1	76.2	6,928	GAS	-	-	4,030,822.0	10,876,068	1.87	-
POLK STATION TOTAL	1,296	644,589	69.1	90.2	69.1	7,115	-	-	-	4,585,949.0	12,396,267	1.92	-

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	97,360	58.0	99.6	58.2	-		-	-	-	-	-	-
BAYSIDE CT1A	156	49,761	44.3	100.0	78.7	11,497	GAS	557,085	1,027,000	572,126.7	1,462,843	2.94	2.63
BAYSIDE CT1B	156	69,772	62.1	100.0	77.4	11,556	GAS	785,114	1,027,000	806,312.4	2,061,622	2.95	2.63
BAYSIDE CT1C	156	57,536	51.2	100.0	78.0	11,248	GAS	630,163	1,027,000	647,177.0	1,654,738	2.88	2.63
BAYSIDE UNIT 1 TOTAL	⁽⁵⁾ 701	274,428	54.4	99.9	54.6	7,381	GAS	1,972,362	1,027,000	2,025,616.1	5,179,203	1.89	2.63
BAYSIDE ST 2	305	148,198	67.5	98.5	67.5	-		-	-	-	-	-	-
BAYSIDE CT2A	156	82,645	73.6	100.0	78.9	11,199	GAS	901,220	1,027,000	925,552.6	2,333,464	2.82	2.59
BAYSIDE CT2B	156	62,301	55.5	100.0	79.1	11,398	GAS	691,464	1,027,000	710,133.6	1,790,358	2.87	2.59
BAYSIDE CT2C	156	63,241	56.3	100.0	79.2	11,463	GAS	705,865	1,027,000	724,923.6	1,827,645	2.89	2.59
BAYSIDE CT2D	156	60,901	54.2	94.0	79.1	11,419	GAS	677,152	1,027,000	695,435.0	1,753,301	2.88	2.59
BAYSIDE UNIT 2 TOTAL	⁽⁵⁾ 929	417,286	62.4	98.5	62.4	7,324	GAS	2,975,701	1,027,000	3,056,044.8	7,704,768	1.85	2.59
BAYSIDE UNIT 3 TOTAL	⁽⁵⁾ 56	51	0.1	100.0	73.5	13,145	GAS	647	1,027,000	664.8	1,572	3.08	2.43
BAYSIDE UNIT 4 TOTAL	⁽⁵⁾ 56	178	0.4	100.0	79.4	12,809	GAS	2,219	1,027,000	2,277.7	5,476	3.08	2.47
BAYSIDE UNIT 5 TOTAL	⁽⁵⁾ 56	109	0.3	100.0	70.5	13,411	GAS	1,427	1,027,000	1,465.9	3,320	3.05	2.33
BAYSIDE UNIT 6 TOTAL	⁽⁵⁾ 56	47	0.1	100.0	68.7	13,249	GAS	610	1,027,000	626.8	1,434	3.05	2.35
BAYSIDE STATION TOTAL	1,854	692,099	51.8	99.2	51.8	7,350	GAS	4,952,966	1,027,000	5,086,696.0	12,895,773	1.86	2.60
SYSTEM	5,227	1,437,953	38.2	88.6	57.5	6,734	-	-	-	9,682,959.2	25,492,298	1.77	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:

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

⁽⁴⁾ Consists of fixed costs

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

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	1,890	(1,890)	-100.0%	0	9,206	(9,206)	-100.0%
21 UNIT COST (\$/BBL)	0.00	127.45	(127.45)	-100.0%	0.00	127.49	(127.49)	-100.0%
22 AMOUNT (\$)	0	240,881	(240,881)	-100.0%	0	1,173,652	(1,173,652)	-100.0%
23 ENDING INVENTORY:								
24 UNITS (BBL)	42,562	20,332	22,230	109.3%	42,562	20,332	22,230	109.3%
25 UNIT COST (\$/BBL)	127.48	127.49	(0.00)	0.0%	127.48	127.49	(0.00)	0.0%
26 AMOUNT (\$)	5,425,905	2,592,047	2,833,858	109.3%	5,425,905	2,592,047	2,833,858	109.3%
27								
28 DAYS SUPPLY: NORMAL	575	274,696	(274,121)	-100.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	3	3	100.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	31,857	0	31,857	0.0%	34,444	0	34,444	0.0%
32 UNIT COST (\$/TON)	54.84	0.00	54.84	0.0%	50.91	0.00	50.91	0.0%
33 AMOUNT (\$)	1,746,915	0	1,746,915	0.0%	1,753,553	0	1,753,553	0.0%
34 BURNED:								
35 UNITS (TONS)	0	10,610	(10,610)	-100.0%	80,075	76,820	3,255	4.2%
36 UNIT COST (\$/TON)	0.00	77.72	(77.72)	-100.0%	107.84	76.74	31.10	40.5%
37 AMOUNT (\$)	* 355,640	824,594	(468,954)	-56.9%	8,635,144	5,895,291	2,739,853	46.5%
38 ENDING INVENTORY:								
39 UNITS (TONS)	229,426	353,552	(124,126)	-35.1%	229,426	353,552	(124,126)	-35.1%
40 UNIT COST (\$/TON)	69.92	70.26	(0.34)	-0.5%	69.92	70.26	(0.34)	-0.5%
41 AMOUNT (\$)	16,041,565	24,839,949	(8,798,384)	-35.4%	16,041,565	24,839,949	(8,798,384)	-35.4%
42								
43 DAYS SUPPLY:	516	795	(279)	-40.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	9,480,797	11,144,069	(1,663,272)	-14.9%	41,329,788	38,846,295	2,483,493	6.4%
46 UNIT COST (\$/MCF)	2.64	3.55	(0.91)	-25.7%	2.72	3.99	(1.27)	-31.7%
47 AMOUNT (\$)	25,011,657	39,544,044	(14,532,387)	-36.7%	112,615,176	155,040,310	(42,425,134)	-27.4%
48 BURNED:								
49 UNITS (MCF)	9,429,039	10,268,582	(839,543)	-8.2%	41,256,105	37,970,808	3,285,297	8.7%
50 UNIT COST (\$/MCF)	2.67	3.63	(0.97)	-26.6%	2.73	4.03	(1.29)	-32.1%
51 AMOUNT (\$)	** 25,136,658	37,303,944	(12,167,286)	-32.6%	112,723,535	152,835,610	(40,112,075)	-26.2%
52 ENDING INVENTORY:								
53 UNITS (MCF)	447,306	1,167,315	(720,009)	-61.7%	447,306	1,167,315	(720,009)	-61.7%
54 UNIT COST (\$/MCF)	1.91	2.68	(0.77)	-28.7%	1.91	2.68	(0.77)	-28.7%
55 AMOUNT (\$)	853,805	3,124,800	(2,270,995)	-72.7%	853,805	3,124,800	(2,270,995)	-72.7%
56								
57 DAYS SUPPLY:	1	3	(2)	-66.7%	-	-	-	-
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: April 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

** Includes natural gas adjustment to March 2020 of:

	Dollars
Bayside 1	\$ (78,871)
Bayside 2	\$ (228,084)
Bayside 3	\$ (153)
Bayside 4	\$ (436)
Bayside 5	\$ (485)
Bayside 6	\$ (193)
Big Bend 1	\$ (14,505)
Big Bend 2	\$ (50,606)
Big Bend 3	\$ (117,448)
Big Bend 4	\$ -
Big Bend CT4	\$ (207)
Big Bend Ignition	\$ (1,115)
Polk 1	\$ 79,206
Polk 2	\$ 97,349
Polk 2 Duct Firing	\$ 13,234
Polk 3	\$ 100,497
Polk 4	\$ 101,308
Polk 5	\$ 100,510
Total	<u>\$ 0</u>

⁽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		600
NON-INV EXPENSE		317,045
BIG BEND #2 IGNITION		0
POLK NG IGNITION		0
AERIAL SURVEY ADJ		0
LIMESTONE	(4,715)	0
ADDITIVES		37,995
TOTAL	<u>(4,715)</u>	<u>355,640</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: April 2020

(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	
SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	MWH WHEELED OTHER SYSTEM	MWH FROM OWN GENERATION	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	TOTAL \$ FOR TOTAL COST (5)X(6B)	GAINS ON MARKET BASED SALES	
					(A) FUEL COST	(B) TOTAL COST				
ESTIMATED:										
SEMINOLE	JURISD. SCH. - D	600.0	0.0	600.0	2.797	2.964	16,780.00	17,782.00	1,002.00	
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	2.797	2.964	16,780.00	17,782.00	1,002.00	
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD. SCH. - D	2,824.0	0.0	2,824.0	1.099	1.209	31,045.12	34,149.63	2,332.60	
DUKE ENERGY FLORIDA	SCH. - MA	50.0	0.0	50.0	1.345	(0.085)	672.50	(42.73)	(808.73)	
ORLANDO UTILITIES	SCH. - MA	325.0	0.0	325.0	1.132	0.744	3,678.75	2,419.39	(1,867.11)	
SOUTHERN COMPANY	SCH. - MA	100.0	0.0	100.0	1.370	0.067	1,370.00	66.62	(1,494.38)	
THE ENERGY AUTHORITY	SCH. - MA	250.0	0.0	250.0	1.370	0.632	3,425.00	1,580.02	(2,322.48)	
MORGAN STANLEY	SCH. - MA	200.0	0.0	200.0	1.370	0.232	2,740.00	463.46	(2,658.54)	
SUB-TOTAL CURRENT MONTH		3,749.0	0.0	3,749.0	1.145	1.031	42,931.37	38,636.39	(6,818.64)	
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.		2,824.0	0.0	2,824.0	1.099	1.209	31,045.12	34,149.63	2,332.60	
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 M/AMB POWER SALES-JURISD.		925.0	0.0	925.0	1.285	0.485	11,886.25	4,486.76	(9,151.24)	
SUB-TOTAL OATT POWER SALES		0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00	
TOTAL		3,749.0	0.0	3,749.0	1.145	1.031	42,931.37	38,636.39	(6,818.64)	
CURRENT MONTH:										
DIFFERENCE		3,149.0	0.0	3,149.0	(1.652)	(1.933)	26,151.37	20,854.39	(7,820.64)	
DIFFERENCE %		524.8%	0.0%	524.8%	-59.1%	-65.2%	155.8%	117.3%	-780.5%	
PERIOD TO DATE:										
ACTUAL		25,711.0	0.0	25,711.0	1.590	2.168	408,764.29	557,315.45	118,566.22	
ESTIMATED		2,300.0	0.0	2,300.0	2.786	2.952	64,070.00	67,896.00	3,826.00	
DIFFERENCE		23,411.0	0.0	23,411.0	(1.196)	(0.784)	344,694.29	489,419.45	114,740.22	
DIFFERENCE %		1017.9%	0.0%	1017.9%	-42.9%	-26.6%	538.0%	720.8%	2999.0%	

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

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FROM OTHER UTILITIES	(5) MWH FOR INTER- RUPTIBLE	(6) MWH FOR FIRM	(7) CENTS/KWH		(8) 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	583.0	0.0	0.0	583.0	4.315	4.315	25,158.40
SUB-TOTAL CURRENT MONTH		583.0	0.0	0.0	583.0	4.315	4.315	25,158.40
ADJUSTMENTS TO PRIOR MONTHS:								
FMPA	Feb 2020 SCH. - J	2,188.0	0.0	0.0	2,188.0	2.563	2.563	56,068.54
FMPA	Jan 2020 SCH. - J	1,306.0	0.0	0.0	1,306.0	2.666	2.666	34,822.66
FMPA	Dec 2019 SCH. - J	475.0	0.0	0.0	475.0	2.845	2.845	13,511.73
SUB-TOTAL CURRENT MONTH		3,969.0	0.0	0.0	3,969.0	2.630	2.630	104,402.93
SUB-TOTAL SCHEDULE D PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL SCHEDULE J PURCHASED POWER		3,969.0	0.0	0.0	3,969.0	2.630	2.630	104,402.93
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		583.0	0.0	0.0	583.0	4.315	4.315	25,158.40
TOTAL		4,552.0	0.0	0.0	4,552.0	2.846	2.846	129,561.33
CURRENT MONTH:								
DIFFERENCE		4,552.0	0.0	0.0	4,552.0	2.846	2.846	129,561.33
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PERIOD TO DATE:								
ACTUAL		4,372.0	0.0	0.0	4,372.0	2.939	2.939	128,511.83
ESTIMATED		0.0	0.0	0.0	0.0	0.000	0.000	0.00
DIFFERENCE		4,372.0	0.0	0.0	4,372.0	2.939	2.939	128,511.83
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: April 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.	10,280.0	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
ACTUAL:								
AS AVAILABLE								
CARGILL RIDGEWOOD	COGEN.	5,795.0	0.0	0.0	5,795.0	1.307	1.307	75,719.38
CARGILL MILLPOINT	COGEN.	1,395.0	0.0	0.0	1,395.0	1.122	1.122	15,656.22
IMC-AGRICO-NEW WALES	COGEN.	15.0	0.0	0.0	15.0	1.193	1.193	178.97
IMC-AGRICO-S. PIERCE	COGEN.	10,168.0	0.0	0.0	10,168.0	1.242	1.242	126,324.79
SUB-TOTAL CURRENT MONTH		17,373.0	0.0	0.0	17,373.0	1.254	1.254	217,879.36
NET METERING		6.7	0.0	0.0	6.7	2.208	2.208	147.89
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		17,379.7	0.0	0.0	17,379.7	1.254	1.254	218,027.25
CURRENT MONTH:								
DIFFERENCE		7,099.7	0.0	0.0	7,099.7	(1.596)	(1.596)	(74,982.75)
DIFFERENCE %		69.1%	0.0%	0.0%	69.1%	-56.0%	-56.0%	-25.6%
PERIOD TO DATE:								
ACTUAL		48,695.5	0.0	0.0	48,695.5	1.580	1.580	769,260.99
ESTIMATED		41,160.0	0.0	0.0	41,160.0	2.759	2.759	1,135,450.00
DIFFERENCE		7,535.5	0.0	0.0	7,535.5	(1.179)	(1.179)	(366,189.01)
DIFFERENCE %		18.3%	0.0%	0.0%	18.3%	-42.7%	-42.7%	-32.3%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	3,300.0	0.0	3,300.0	3.788	124,990.00	49.790	1,643,070.00	1,518,080.00	
TOTAL		3,300.0	0.0	3,300.0	3.788	124,990.00	49.790	1,643,070.00	1,518,080.00	
ACTUAL:										
DUKE ENERGY FLORIDA	SCH. - J	56,164.0	0.0	56,164.0	2.865	1,608,993.10	2.879	1,616,913.10	7,920.00	
FLA. POWER & LIGHT	SCH. - J	74,275.0	0.0	74,275.0	2.429	1,804,100.00	2.804	2,082,986.00	278,886.00	
ORLANDO UTIL. COMM.	SCH. - J	1,220.0	0.0	1,220.0	4.007	48,880.00	4.950	60,392.80	11,512.80	
THE ENERGY AUTHORITY	SCH. - J	8,930.0	0.0	8,930.0	3.276	292,582.50	4.050	361,707.30	69,124.80	
FMPA	SCH. - J	140.0	0.0	140.0	5.000	7,000.00	5.000	7,000.00	0.00	
EDF TRADING	SCH. - J	250.0	0.0	250.0	3.120	7,800.00	3.120	7,800.00	0.00	
EXGEN	SCH. - J	4,414.0	0.0	4,414.0	3.004	132,618.00	3.913	172,710.00	40,092.00	
SOUTHERN COMPANY	SCH. - J	2,951.0	0.0	2,951.0	3.587	105,855.00	3.587	105,855.00	0.00	
MACQUARIE ENERGY LLC	SCH. - J	328.0	0.0	328.0	3.200	10,496.00	3.200	10,496.00	0.00	
SUB-TOTAL CURRENT MONTH		148,672.0	0.0	148,672.0	2.703	4,018,324.60	2.977	4,425,860.20	407,535.60	
ADJUSTMENTS TO PRIOR MONTHS:										
FMPA reported in Mar 2020	Feb 2020	SCH. - J	(2,188.0)	0.0	(2,188.0)	2.563	(56,068.54)	2.563	(56,068.54)	0.00
FMPA reported in Feb 2020	Jan 2020	SCH. - J	(1,306.0)	0.0	(1,306.0)	2.666	(34,822.66)	2.686	(35,083.36)	(260.70)
FMPA reported in Jan 2020	Dec 2019	SCH. - J	(475.0)	0.0	(475.0)	2.845	(13,511.73)	2.845	(13,511.73)	0.00
SUB-TOTAL CURRENT MONTH		(3,969.0)	0.0	(3,969.0)	2.630	(104,402.93)	2.637	(104,663.63)	(260.70)	
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		144,703.0	0.0	144,703.0	2.705	3,913,921.67	2.986	4,321,196.57	407,274.90	
TOTAL		144,703.0	0.0	144,703.0	2.705	3,913,921.67	2.986	4,321,196.57	407,274.90	
CURRENT MONTH:										
DIFFERENCE		141,403.0	0.0	141,403.0	(1.083)	3,788,931.67	(46.804)	2,678,126.57	(1,110,805.10)	
DIFFERENCE %		4284.9%	0.0%	4284.9%	-28.6%	3031.4%	-94.0%	163.0%	-73.2%	
PERIOD TO DATE:										
ACTUAL		173,804.0	0.0	173,804.0	2.838	4,932,057.15	3.108	5,401,133.00	469,075.85	
ESTIMATED		10,570.0	0.0	10,570.0	3.963	418,880.00	31.149	3,292,480.00	2,873,600.00	
DIFFERENCE		163,234.0	0.0	163,234.0	(1.125)	4,513,177.15	(28.042)	2,108,653.00	(2,404,524.15)	
DIFFERENCE %		1544.3%	0.0%	1544.3%	-28.4%	1077.4%	-90.0%	64.0%	-83.7%	

**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