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January 27, 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 December 2019.

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 27th day of January 2020 to the following:

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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: December 2019

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
1. Fuel Cost of System Net Generation (A3)	38,938,646	44,322,631	(5,383,985)	-12.1%	1,441,903	1,528,830	(86,927)	-5.7%	2.70050	2.89912	(0.19862)	-6.9%
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	360,100	359,827	273	0.1%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	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)	39,298,746	44,682,458	(5,383,712)	-12.0%	1,441,903	1,528,830	(86,927)	-5.7%	2.72548	2.92266	(0.19718)	-6.7%
6. Fuel Cost of Purchased Power - Firm (A7)	3,051	0	3,051	0.0%	140	0	140	0.0%	2.17929	0.00000	2.17929	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	386,875	1,008,830	(621,955)	-61.7%	4,653	25,490	(20,837)	-81.7%	8.31453	3.95775	4.35678	110.1%
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)	245,117	194,890	50,227	25.8%	11,349	7,590	3,759	49.5%	2.15981	2.56772	(0.40791)	-15.9%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	635,043	1,203,720	(568,677)	-47.2%	16,142	33,080	(16,938)	-51.2%	3.93410	3.63881	0.29529	8.1%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,458,045	1,561,910	(103,865)	-6.6%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	70,402	16,130	54,272	336.5%	3,248	590	2,658	450.5%	2.16755	2.73390	(0.56635)	-20.7%
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)	45,926	42,850	3,076	7.2%	2,141	1,200	941	78.4%	2.14507	3.57083	(1.42576)	-39.9%
18. Gains on Sales	16,319	5,099	11,220	220.0%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	132,647	64,079	68,568	107.0%	5,389	1,790	3,599	201.1%	2.46144	3.57983	(1.11839)	-31.2%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					343	0	343	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					352	0	352	0.0%				
22. Interchange and Wheeling Losses					480	38	442	1156.3%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	39,801,142	45,822,099	(6,020,957)	-13.1%	1,452,871	1,560,082	(107,211)	-6.9%	2.73948	2.93716	(0.19768)	-6.7%
(LINE 5 + 12 + 19 + 20 + 21 - 22)												
24. Net Unbilled	(396,157) (a)	1,497,540 (a)	(1,893,697)	-126.5%	(14,461)	50,986	(65,447)	-128.4%	2.73949	2.93716	(0.19767)	-6.7%
25. Company Use	86,075 (a)	91,052 (a)	(4,977)	-5.5%	3,142	3,100	42	1.4%	2.73950	2.93716	(0.19766)	-6.7%
26. T & D Losses	2,352,119 (a)	1,601,627 (a)	750,492	46.9%	85,860	54,530	31,330	57.5%	2.73948	2.93716	(0.19768)	-6.7%
27. System KWH Sales	39,801,142	45,822,099	(6,020,957)	-13.1%	1,378,330	1,451,466	(73,136)	-5.0%	2.88764	3.15695	(0.26932)	-8.5%
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	39,801,142	45,822,099	(6,020,957)	-13.1%	1,378,330	1,451,466	(73,136)	-5.0%	2.88764	3.15695	(0.26932)	-8.5%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	39,801,142	45,822,099	(6,020,957)	-13.1%	1,378,330	1,451,466	(73,136)	-5.0%	2.88764	3.15695	(0.26932)	-8.5%
32. Adjustment-BB Unit 2 Outage Replacement Power Cost T-up	0	0	0	0.0%	1,378,330	1,451,466	(73,136)	-5.0%	0.00000	0.00000	0.00000	0.0%
33. True-up *	3,949,494	3,949,494	0	0.0%	1,378,330	1,451,466	(73,136)	-5.0%	0.28654	0.27210	0.01444	5.3%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	43,750,636	49,771,593	(6,020,957)	-12.1%	1,378,330	1,451,466	(73,136)	-5.0%	3.17418	3.42906	(0.25488)	-7.4%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	43,782,136	49,807,429	(6,025,293)	-12.1%	1,378,330	1,451,466	(73,136)	-5.0%	3.17646	3.43153	(0.25507)	-7.4%
37. GPIF * (Already Adjusted for Taxes)	(188,421)	(188,421)	0	0.0%	1,378,330	1,451,466	(73,136)	-5.0%	(0.01367)	(0.01298)	(0.00069)	5.3%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	43,593,715	49,619,008	(6,025,293)	-12.1%	1,378,330	1,451,466	(73,136)	-5.0%	3.16279	3.41855	(0.25576)	-7.5%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.163	3.419	(0.256)	-7.5%

* 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: December 2019

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	525,783,664	574,179,130	(48,395,466)	-8.4%	19,464,414	19,485,150	(20,736)	-0.1%	2.70126	2.94675	(0.24550)	-8.3%
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	4,462,962	4,462,045	917	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	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)	530,246,626	578,641,175	(48,394,549)	-8.4%	19,464,414	19,485,150	(20,736)	-0.1%	2.72418	2.96965	(0.24547)	-8.3%
6. Fuel Cost of Purchased Power - Firm (A7)	347,608	0	347,608	0.0%	10,270	0	10,270	0.0%	3.38469	0.00000	3.38469	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	43,757,439	32,887,040	10,870,399	33.1%	1,234,844	894,370	340,474	38.1%	3.54356	3.67712	(0.13356)	-3.6%
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)	4,685,865	2,641,870	2,043,995	77.4%	221,747	90,120	131,627	146.1%	2.11316	2.93150	(0.81834)	-27.9%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	48,790,912	35,528,910	13,262,002	37.3%	1,466,861	984,490	482,371	49.0%	3.32621	3.60886	(0.28265)	-7.8%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					20,931,275	20,469,640	461,635	2.3%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	646,314	271,470	374,844	138.1%	32,666	10,330	22,336	216.2%	1.97855	2.62798	(0.64942)	-24.7%
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)	2,781,388	453,055	2,328,333	513.9%	122,535	11,990	110,545	922.0%	2.26987	3.77861	(1.50873)	-39.9%
18. Gains on Sales	1,539,956	58,965	1,480,991	2511.6%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	4,967,658	783,490	4,184,168	534.0%	155,201	22,320	132,881	595.3%	3.20079	3.51026	(0.30947)	-8.8%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					137	0	137	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					32,391	0	32,391	0.0%				
22. Interchange and Wheeling Losses					36,067	524	35,543	6781.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	574,069,880	613,386,595	(39,316,715)	-6.4%	20,772,535	20,446,796	325,739	1.6%	2.76360	2.99992	(0.23631)	-7.9%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(2,754,691) (a)	(583,069) (a)	(2,171,622)	372.4%	(73,907)	14,441	(88,348)	-611.8%	3.72724	(4.03759)	7.76483	-192.3%
25. Company Use	1,050,461 (a)	1,127,927 (a)	(77,466)	-6.9%	37,790	37,200	590	1.6%	2.77973	3.03206	(0.25233)	-8.3%
26. T & D Losses	28,267,619 (a)	27,654,738 (a)	612,881	2.2%	1,025,086	912,723	112,363	12.3%	2.75759	3.02992	(0.27233)	-9.0%
27. System KWH Sales	574,069,880	613,386,595	(39,316,715)	-6.4%	19,783,566	19,482,432	301,134	1.5%	2.90175	3.14841	(0.24666)	-7.8%
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	574,069,880	613,386,595	(39,316,715)	-6.4%	19,783,566	19,482,432	301,134	1.5%	2.90175	3.14841	(0.24666)	-7.8%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	574,069,880	613,386,595	(39,316,715)	-6.4%	19,783,566	19,482,432	301,134	1.5%	2.90175	3.14841	(0.24666)	-7.8%
32. Adjustments - Schedule A2, page 2, lines 6c and 7a	0	0	0	0.0%	19,783,566	19,482,432	301,134	1.5%	0.00000	0.00000	0.00000	0.0%
33. True-up *	33,791,590	33,791,590	0	0.0%	19,783,566	19,482,432	301,134	1.5%	0.17081	0.17345	(0.00264)	-1.5%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	607,861,470	647,178,185	(39,316,715)	-6.1%	19,783,566	19,482,432	301,134	1.5%	3.07256	3.32186	(0.24930)	-7.5%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	608,299,130	647,644,153	(39,345,023)	-6.1%	19,783,566	19,482,432	301,134	1.5%	3.07477	3.32425	(0.24948)	-7.5%
37. GPIF * (Already Adjusted for Taxes)	(2,261,019)	(2,261,019)	0	0.0%	19,783,566	19,482,432	301,134	1.5%	(0.01143)	(0.01161)	0.00018	-1.5%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	606,038,111	645,383,134	(39,345,023)	-6.1%	19,783,566	19,482,432	301,134	1.5%	3.06334	3.31264	(0.24930)	-7.5%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.063	3.313	(0.250)	-7.5%

* 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: December 2019

	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	38,938,646	44,322,631	(5,383,985)	-12.1%	525,783,664	574,179,130	(48,395,466)	-8.4%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	116,328	58,980	57,348	97.2%	3,427,702	724,525	2,703,177	373.1%
2a. GAINS FROM SALES	16,319	5,099	11,220	220.0%	1,539,956	58,965	1,480,991	2511.6%
3. FUEL COST OF PURCHASED POWER	3,051	0	3,051	0.0%	347,608	0	347,608	0.0%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	245,117	194,890	50,227	25.8%	4,685,865	2,641,870	2,043,995	77.4%
4. ENERGY COST OF ECONOMY PURCHASES	<u>386,875</u>	<u>1,008,830</u>	<u>(621,955)</u>	<u>-61.7%</u>	<u>43,757,439</u>	<u>32,887,040</u>	<u>10,870,399</u>	<u>33.1%</u>
5. TOTAL FUEL & NET POWER TRANSACTION	39,441,042	45,462,272	(6,021,230)	-13.2%	569,606,918	608,924,550	(39,317,632)	-6.5%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	360,100	359,827	273	0.1%	4,462,962	4,462,045	917	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>39,801,142</u>	<u>45,822,099</u>	<u>(6,020,957)</u>	<u>-13.1%</u>	<u>574,069,880</u>	<u>613,386,595</u>	<u>(39,316,715)</u>	<u>-6.4%</u>
B. MWH SALES								
1. JURISDICTIONAL SALES	1,378,330	1,451,466	(73,136)	-5.0%	19,783,566	19,482,432	301,134	1.5%
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>1,378,330</u>	<u>1,451,466</u>	<u>(73,136)</u>	<u>-5.0%</u>	<u>19,783,566</u>	<u>19,482,432</u>	<u>301,134</u>	<u>1.5%</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: December 2019

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	43,513,445	45,990,470	(2,477,025)	-5.4%	614,741,063	605,688,614	9,052,449	1.5%
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0%	0	0	0	0.0%
2a. TRUE-UP PROVISION	(3,949,494)	(3,949,494)	0	0.0%	(33,791,590)	(33,791,590)	0	0.0%
2b. GPIF PROVISION	188,421	188,421	0	0.0%	2,261,019	2,261,019	0	0.0%
2c. 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>
3. JURIS. FUEL REVENUE APPL. TO PERIOD	<u>39,752,372</u>	<u>42,229,397</u>	<u>(2,477,025)</u>	<u>-5.9%</u>	<u>583,210,492</u>	<u>574,158,043</u>	<u>9,052,449</u>	<u>1.6%</u>
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	39,801,142	45,822,099	(6,020,957)	-13.1%	574,069,880	613,386,595	(39,316,715)	-6.4%
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.	39,801,142	45,822,099	(6,020,957)	-13.1%	574,069,880	613,386,595	(39,316,715)	-6.4%
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)	39,801,142	45,822,099	(6,020,957)	-13.1%	574,069,880	613,386,595	(39,316,715)	-6.4%
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>39,801,142</u>	<u>45,822,099</u>	<u>(6,020,957)</u>	<u>-13.1%</u>	<u>574,069,880</u>	<u>613,386,595</u>	<u>(39,316,715)</u>	<u>-6.4%</u>
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	(48,770)	(3,592,702)	3,543,932	-98.6%	9,140,612	(39,228,552)	48,369,164	-123.3%
8. INTEREST PROVISION FOR THE MONTH	4,312	1,987	2,325	117.0%	(882,221)	(653,962)	(228,259)	34.9%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	1,174,036	565,782	608,254	107.5%	NOT APPLICABLE			
10. TRUE-UP COLLECTED (REFUNDED)	<u>3,949,494</u>	<u>3,949,494</u>	<u>0</u>	<u>0.0%</u>	NOT APPLICABLE			
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	<u>5,079,072</u>	<u>924,561</u>	<u>4,154,511</u>	<u>449.3%</u>	NOT APPLICABLE			

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	1,174,036	565,782	608,254	107.5%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	<u>5,074,760</u>	<u>922,574</u>	<u>4,152,186</u>	<u>450.1%</u>	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>6,248,796</u>	<u>1,488,356</u>	<u>4,760,440</u>	<u>319.8%</u>	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	3,124,398	744,178	2,380,220	319.8%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	1.600	3.200	(1.600)	-50.0%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>1.710</u>	<u>3.200</u>	<u>(1.490)</u>	<u>-46.6%</u>	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	<u>3.310</u>	<u>6.400</u>	<u>(3.090)</u>	<u>-48.3%</u>	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	1.655	3.200	(1.545)	-48.3%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.138	0.267	(0.129)	-48.3%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>4,312</u>	<u>1,987</u>	<u>2,325</u>	<u>117.0%</u>	NOT APPLICABLE			

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019

	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	0	0	0.0%	183,150	142,781	40,369	28.3%
3 COAL	4,508,147	6,408,571	(1,900,424)	-29.7%	45,241,314	54,181,245	(8,939,931)	-16.5%
4 NATURAL GAS	34,430,499	37,914,060	(3,483,561)	-9.2%	480,359,200	519,855,104	(39,495,904)	-7.6%
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 (\$)	38,938,646	44,322,631	(5,383,985)	-12.1%	525,783,664	574,179,130	(48,395,466)	-8.4%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	0	0	0.0%	582	600	(18)	-3.0%
10 COAL	123,384	200,550	(77,166)	-38.5%	1,194,254	1,639,120	(444,866)	-27.1%
11 NATURAL GAS	1,273,899	1,268,580	5,319	0.4%	17,513,363	16,822,800	690,563	4.1%
12 SOLAR	44,620	59,700	(15,080)	-25.3%	756,215	1,022,630	(266,415)	-26.1%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,441,903	1,528,830	(86,927)	-5.7%	19,464,414	19,485,150	(20,736)	-0.1%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	0	0	0	0.0%	1,436	1,120	316	28.2%
17 COAL (TON)	61,458	93,500	(32,042)	-34.3%	570,012	801,550	(231,538)	-28.9%
18 NATURAL GAS (MCF)	10,306,952	8,875,380	1,431,572	16.1%	137,873,625	120,753,150	17,120,475	14.2%
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	0	0	0.0%	8,362	6,460	1,902	29.4%
23 COAL	1,404,830	2,103,700	(698,870)	-33.2%	13,177,799	18,034,930	(4,857,131)	-26.9%
24 NATURAL GAS	10,544,011	9,115,320	1,428,691	15.7%	140,983,651	123,906,740	17,076,911	13.8%
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)	11,948,841	11,219,020	729,821	6.5%	154,169,812	141,948,130	12,221,682	8.6%
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%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	-2.9%
30 COAL	8.56%	13.12%	-4.56%	-34.8%	6.14%	8.41%	-2.28%	-27.1%
31 NATURAL GAS	88.35%	82.98%	5.37%	6.5%	89.98%	86.34%	3.64%	4.2%
32 SOLAR	3.09%	3.90%	-0.81%	-20.8%	3.89%	5.25%	-1.36%	-26.0%
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	0.00	0.00	0.0%	127.54	127.48	0.06	0.0%
37 COAL (\$/TON)	73.35	68.54	4.81	7.0%	79.37	67.60	11.77	17.4%
38 NATURAL GAS (\$/MCF)	3.34	4.27	(0.93)	-21.8%	3.48	4.31	(0.82)	-19.1%
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	0.00	0.00	0.0%	21.90	22.10	(0.20)	-0.9%
43 COAL	3.21	3.05	0.16	5.3%	3.43	3.00	0.43	14.3%
44 NATURAL GAS	3.27	4.16	(0.89)	-21.5%	3.41	4.20	(0.79)	-18.8%
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)	3.26	3.95	(0.69)	-17.5%	3.41	4.04	(0.63)	-15.7%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019

	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	0	0	0.0%	14,368	10,767	3,601	33.4%
50 COAL	11,386	10,490	896	8.5%	11,034	11,003	31	0.3%
51 NATURAL GAS	8,277	7,185	1,092	15.2%	8,050	7,365	685	9.3%
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)	8,287	7,338	949	12.9%	7,921	7,285	636	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	0.00	0.00	0.0%	31.47	23.80	7.67	32.2%
57 COAL	3.65	3.20	0.45	14.1%	3.79	3.31	0.48	14.5%
58 NATURAL GAS	2.70	2.99	(0.29)	-9.7%	2.74	3.09	(0.35)	-11.3%
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)	2.70	2.90	(0.20)	-6.9%	2.70	2.95	(0.25)	-8.5%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019

(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	123	10.3	-	36.4	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	1,880	13.0	-	32.0	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	102	9.1	-	22.1	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	7,790	14.9	-	37.1	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	7,676	13.9	-	35.0	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	8,006	14.4	-	35.8	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	6,233	13.7	-	34.3	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	4,969	12.1	-	32.3	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	3,272	11.7	-	28.2	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	4,571	12.4	-	33.1	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	(3) 74.8	(2)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	520.0	44,620	11.5	-	27.8	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	315	0	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	350	156,425	60.1	96.7	62.0	11,623	GAS	1,777,182	1,023,000	1,818,057.4	5,901,229	3.77	3.32
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	345	150,528	57.0	88.3	69.3	-	GAS	1,725,061	1,023,000	1,764,737.5	5,728,159	3.81	3.32
BIG BEND #3 TOTAL	345	150,528	57.0	88.3	69.3	11,724	-	-	-	1,764,737.5	5,728,159	3.81	-
B.B.#4 (COAL)	437	124,699	38.4	56.5	71.0	-	COAL	61,458	22,858,375	1,404,830.0	4,508,147	3.62	73.35
B.B.#4 (GAS)	185	3	0.0	56.5	0.1	-	GAS	39	1,023,000	39.2	127	4.23	3.26
BIG BEND #4 TOTAL	437	124,702	38.4	56.5	68.6	11,266	-	-	-	1,404,869.2	4,508,274	3.62	-
B.B. IGNITION	-	-	-	-	-	-	GAS	18,820	1,023,000	19,253.0	62,493	-	3.32
BIG BEND CT #4 TOTAL	61	391	0.9	97.9	68.8	15,540	GAS	5,940	1,023,000	6,076.1	19,722	5.04	3.32
BIG BEND STATION TOTAL	1,508	432,046	40.5	85.1	41.9	11,558	-	-	-	4,993,740.3	16,219,877	3.75	-
POLK #1 GASIFIER	(3) 220	(1,315)	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
POLK #1 CT (GAS)	150	20,933	17.1	82.9	73.1	11,930	GAS	244,119	1,023,000	249,734.0	810,611	2.87	3.32
POLK #1 ST	85	7,295	11.0	82.9	48.2	0	-	-	-	-	-	-	-
POLK #1 TOTAL	235	26,913	14.9	82.9	63.9	9,279	-	-	-	249,734.0	810,611	3.01	-
POLK #2 ST DUCT FIRING	120	13,120	14.7	-	76.0	8,400	GAS	107,727	1,023,000	110,205.0	357,714	2.73	3.32
POLK #2 ST W/O DUCT FIRING	341	218,717	86.2	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	231,837	64.9	92.9	76.0	-	GAS	-	-	110,205.0	357,714	0.15	-
POLK #2 CT (GAS)	150	97,338	72.7	99.9	81.1	11,063	GAS	1,052,650	1,023,000	1,076,861.0	3,495,380	3.59	3.32
POLK #2 CT (OIL)	159	0	0.0	99.9	0.0	0	LGTOIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	97,338	72.7	99.9	81.1	11,063	-	-	-	1,076,861.0	3,495,380	3.59	-
POLK #3 CT (GAS)	150	103,505	77.3	100.0	82.2	10,796	GAS	1,092,290	1,023,000	1,117,412.0	3,627,006	3.50	3.32
POLK #3 CT (OIL)	159	0	0.0	100.0	0.0	0	LGTOIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	103,505	77.3	100.0	82.2	10,796	-	-	-	1,117,412.0	3,627,006	3.50	-
POLK #4 TOTAL	180	105,354	78.7	100.0	83.0	10,745	GAS	1,106,543	1,023,000	1,131,994.0	3,674,337	3.49	3.32
POLK #5 TOTAL	180	73,254	54.7	72.8	80.9	10,807	GAS	773,859	1,023,000	791,658.0	2,569,641	3.51	3.32
POLK #2 CC TOTAL	1,121	611,288	68.5	93.0	68.5	6,917	GAS	-	-	4,228,130.0	13,724,078	2.25	-
POLK STATION TOTAL	1,356	638,201	59.5	91.3	59.5	7,016	-	-	-	4,477,864.0	14,534,689	2.28	-



SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019

(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	102,358	56.6	98.7	56.6	-		-	-	-	-	-	-
BAYSIDE CT1A	183	63,477	46.6	100.0	66.1	11,455	GAS	710,808	1,023,000	727,157.0	2,402,317	3.78	3.38
BAYSIDE CT1B	183	57,466	42.2	95.5	66.5	11,434	GAS	642,298	1,023,000	657,070.4	2,170,774	3.78	3.38
BAYSIDE CT1C	183	63,271	46.5	100.0	66.4	11,158	GAS	690,095	1,023,000	705,967.6	2,332,313	3.69	3.38
BAYSIDE UNIT 1 TOTAL	792	286,572	48.6	98.6	48.6	7,294	GAS	2,043,201	1,023,000	2,090,195.0	6,905,404	2.41	3.38
BAYSIDE ST 2	315	11,929	5.1	45.5	24.4	-		-	-	-	-	-	-
BAYSIDE CT2A	183	13,682	10.0	55.2	59.3	11,868	GAS	158,730	1,023,000	162,380.4	536,459	3.92	3.38
BAYSIDE CT2B	183	11,692	8.6	54.4	66.6	14,162	GAS	161,858	1,023,000	165,580.9	547,030	4.68	3.38
BAYSIDE CT2C	183	1,057	0.8	37.8	45.4	18,826	GAS	19,461	1,023,000	19,908.4	65,772	6.22	3.38
BAYSIDE CT2D	183	288	0.2	38.4	35.9	62,742	GAS	17,672	1,023,000	18,078.7	59,726	20.74	3.38
BAYSIDE UNIT 2 TOTAL	1,047	38,648	5.0	46.1	23.7	9,469	GAS	357,721	1,023,000	365,948.4	1,208,987	3.13	3.38
BAYSIDE UNIT 3 TOTAL	61	317	0.7	100.0	85.6	10,950	GAS	3,392	1,023,000	3,469.5	11,463	3.62	3.38
BAYSIDE UNIT 4 TOTAL	61	0	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 5 TOTAL	61	755	1.7	97.4	85.3	12,728	GAS	9,397	1,023,000	9,613.3	31,760	4.21	3.38
BAYSIDE UNIT 6 TOTAL	61	744	1.6	100.0	85.9	10,770	GAS	7,831	1,023,000	8,010.9	26,466	3.56	3.38
BAYSIDE STATION TOTAL	2,083	327,036	21.1	72.3	21.1	7,575	GAS	2,421,542	1,023,000	2,477,237.1	8,184,080	2.50	3.38
SYSTEM	5,467	1,441,903	35.4	81.4	37.9	8,287	-	-	-	11,948,841.4	38,938,646	2.70	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:

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

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019**

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	0	0	0.0%	1,436	1,120	316	28.2%
21 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	127.54	127.48	0.06	0.0%
22 AMOUNT (\$)	0	0	0	0.0%	183,150	142,781	40,369	28.3%
23 ENDING INVENTORY:								
24 UNITS (BBL)	42,562	42,878	(316)	-0.7%	42,562	42,878	(316)	-0.7%
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	5,466,274	(40,369)	-0.7%	5,425,905	5,466,274	(40,369)	-0.7%
27								
28 DAYS SUPPLY: NORMAL	6	6	0	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	65,863	55,000	10,863	19.8%	519,665	680,000	(160,335)	-23.6%
32 UNIT COST (\$/TON)	63.12	69.81	(6.70)	-9.6%	69.08	68.00	1.08	1.6%
33 AMOUNT (\$)	4,157,143	3,839,810	317,333	8.3%	35,898,216	46,238,893	(10,340,677)	-22.4%
34 BURNED:								
35 UNITS (TONS)	61,458	93,500	(32,042)	-34.3%	570,012	801,550	(231,538)	-28.9%
36 UNIT COST (\$/TON)	73.35	68.54	4.81	7.0%	79.37	67.60	11.77	17.4%
37 AMOUNT (\$)	4,508,147	6,408,571	(1,900,424)	-29.7%	45,241,314	54,181,245	(8,939,931)	-16.5%
38 ENDING INVENTORY:								
39 UNITS (TONS)	302,458	279,668	22,790	8.1%	302,458	279,668	22,790	8.1%
40 UNIT COST (\$/TON)	70.79	74.44	(3.65)	-4.9%	70.79	74.44	(3.65)	-4.9%
41 AMOUNT (\$)	21,410,520	20,818,864	591,656	2.8%	21,410,520	20,818,864	591,656	2.8%
42								
43 DAYS SUPPLY:	100	92	8	10.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	10,138,906	8,875,380	1,263,526	14.2%	137,816,314	120,759,241	17,057,073	14.1%
46 UNIT COST (\$/MCF)	3.35	4.29	(0.95)	-22.1%	3.40	4.30	(0.90)	-20.9%
47 AMOUNT (\$)	33,922,652	38,096,700	(4,174,048)	-11.0%	468,917,890	519,711,849	(50,793,959)	-9.8%
48 BURNED:								
49 UNITS (MCF)	10,306,952	8,875,380	1,431,572	16.1%	137,873,625	120,753,150	17,120,475	14.2%
50 UNIT COST (\$/MCF)	3.34	4.27	(0.93)	-21.8%	3.48	4.31	(0.82)	-19.1%
51 AMOUNT (\$)	34,430,499	37,914,060	(3,483,561)	-9.2%	480,359,200	519,855,104	(39,495,904)	-7.6%
52 ENDING INVENTORY:								
53 UNITS (MCF)	373,623	437,743	(64,120)	-14.6%	373,623	437,743	(64,120)	-14.6%
54 UNIT COST (\$/MCF)	2.58	3.31	(0.74)	-22.3%	2.58	3.31	(0.74)	-22.3%
55 AMOUNT (\$)	962,164	1,450,985	(488,821)	-33.7%	962,164	1,450,985	(488,821)	-33.7%
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: December 2019

	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%	-	-	-	-	-

(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	0	0

(2) RECONCILIATION - COAL

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	DOLLARS
FUEL ANALYSIS	0
NON-INV EXPENSE	331,498
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	0
POLK NG IGNITION	0
AERIAL SURVEY ADJ	0
ADDITIVES	0
TOTAL	331,498

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES	0	0
BIG BEND NG IGNITION	0	0
POLK NG IGNITION	0	0
INVENTORY ADJ	0	0
TOTAL	0	0

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019

(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	590.0	0.0	590.0	2.734	2.871	16,130.00	16,939.00	809.00
VARIOUS	JURISD. MKT.BASE	1,200.0	0.0	1,200.0	3.571	3.928	42,850.26	47,140.00	4,289.74
TOTAL		1,790.0	0.0	1,790.0	3.295	3.580	58,980.26	64,079.00	5,098.74
ACTUAL:									
SEMINOLE ELEC. PRECO-1	JURISD. SCH. - D	3,248.0	0.0	3,248.0	2.168	2.384	70,401.95	77,442.15	4,736.55
EXGEN	SCH. - MA	645.0	0.0	645.0	2.086	3.263	13,452.00	21,048.11	6,364.16
DUKE ENERGY FLORIDA	SCH. - MA	1,200.0	0.0	1,200.0	2.274	2.803	27,288.00	33,634.25	4,139.75
ORLANDO UTILITIES	SCH. - MA	296.0	0.0	296.0	1.752	2.313	5,185.92	6,845.85	1,078.67
LESS 20% - THRESHOLD EXCESS	SCH. - D								0.00
LESS 20% - THRESHOLD EXCESS	SCH. - C								0.00
LESS 20% - THRESHOLD EXCESS	SCH. - CB								0.00
LESS 20% - THRESHOLD EXCESS	SCH. - MA/MB								0.00
SUB-TOTAL CURRENT MONTH		5,389.0	0.0	5,389.0	2.159	2.579	116,327.87	138,970.36	16,319.13
NO ADJUSTMENTS TO PRIOR MONTHS									
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.		3,248.0	0.0	3,248.0	2.168	2.384	70,401.95	77,442.15	4,736.55
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.		2,141.0	0.0	2,141.0	2.145	2.874	45,925.92	61,528.21	11,582.58
SUB-TOTAL OATT POWER SALES		0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL		5,389.0	0.0	5,389.0	2.159	2.579	116,327.87	138,970.36	16,319.13
CURRENT MONTH:									
DIFFERENCE		3,599.0	0.0	3,599.0	(1.136)	(1.001)	57,347.61	74,891.36	11,220.39
DIFFERENCE %		201.1%	0.0%	201.1%	-34.5%	-28.0%	97.2%	116.9%	220.1%
PERIOD TO DATE:									
ACTUAL		155,202.2	1.2	155,201.0	2.209	3.332	3,427,700.55	5,171,160.04	1,539,959.40
ESTIMATED		22,320.0	0.0	22,320.0	3.246	3.510	724,524.69	783,490.00	58,965.31
DIFFERENCE		132,882.2	1.2	132,881.0	(1.037)	(0.178)	2,703,175.86	4,387,670.04	1,480,994.09
DIFFERENCE %		595.4%	0.0%	595.3%	-31.9%	-5.1%	373.1%	560.0%	2511.6%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019**

(1)	(2)	(3)	(4)	(5)	(6)	(7) CENTS/KWH		(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FROM OTHER UTILITIES	MWH FOR INTER- RUPTIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
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	140.0	0.0	0.0	140.0	2.180	2.180	3,051.36
SUB-TOTAL CURRENT MONTH		140.0	0.0	0.0	140.0	2.180	2.180	3,051.36
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		140.0	0.0	0.0	140.0	2.180	2.180	3,051.36
TOTAL		140.0	0.0	0.0	140.0	2.180	2.180	3,051.36
CURRENT MONTH:								
DIFFERENCE		140.0	0.0	0.0	140.0	2.180	2.180	3,051.36
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PERIOD TO DATE:								
ACTUAL		10,270.0	0.0	0.0	10,270.0	3.385	3.385	347,608.46
ESTIMATED		0.0	0.0	0.0	0.0	0.000	0.000	0.00
DIFFERENCE		10,270.0	0.0	0.0	10,270.0	3.385	3.385	347,608.46
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: December 2019

(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.	7,590.0	0.0	0.0	7,590.0	2.568	2.568	194,890.00
TOTAL		<u>7,590.0</u>	<u>0.0</u>	<u>0.0</u>	<u>7,590.0</u>	<u>2.568</u>	<u>2.568</u>	<u>194,890.00</u>
ACTUAL:								
AS AVAILABLE								
CARGILL RIDGEWOOD	COGEN.	345.0	0.0	0.0	345.0	2.431	2.431	8,386.23
CARGILL MILLPOINT	COGEN.	2,950.0	0.0	0.0	2,950.0	2.208	2.208	65,135.00
IMC-AGRICO-NEW WALES	COGEN.	42.0	0.0	0.0	42.0	2.303	2.303	967.34
IMC-AGRICO-S. PIERCE	COGEN.	8,008.0	0.0	0.0	8,008.0	2.130	2.130	170,534.48
SUB-TOTAL CURRENT MONTH		<u>11,345.0</u>	<u>0.0</u>	<u>0.0</u>	<u>11,345.0</u>	<u>2.160</u>	<u>2.160</u>	<u>245,023.05</u>
NET METERING		3.7	0.0	0.0	3.7	2.530	2.530	93.65
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		<u>11,348.7</u>	<u>0.0</u>	<u>0.0</u>	<u>11,348.7</u>	<u>2.160</u>	<u>2.160</u>	<u>245,116.70</u>
CURRENT MONTH:								
DIFFERENCE		3,758.7	0.0	0.0	3,758.7	(0.408)	(0.408)	50,226.70
DIFFERENCE %		49.5%	0.0%	0.0%	49.5%	-15.9%	-15.9%	25.8%
PERIOD TO DATE:								
ACTUAL		221,744.5	0.0	0.0	221,744.5	2.113	2.113	4,685,866.62
ESTIMATED		90,120.0	0.0	0.0	90,120.0	2.932	2.932	2,641,870.00
DIFFERENCE		131,624.5	0.0	0.0	131,624.5	(0.818)	(0.818)	2,043,996.62
DIFFERENCE %		146.1%	0.0%	0.0%	146.1%	-27.9%	-27.9%	77.4%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FOR INTERRUPT- TABLE	(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	25,490.0	0.0	25,490.0	3.958	1,008,830.00	7.778	1,982,590.00	973,760.00
TOTAL		25,490.0	0.0	25,490.0	3.958	1,008,830.00	7.778	1,982,590.00	973,760.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	100.0	0.0	100.0	4.000	4,000.00	4.000	4,000.00	0.00
FLA. POWER & LIGHT	SCH. - J	3,184.0	0.0	3,184.0	3.168	100,865.00	3.191	101,592.00	727.00
ORLANDO UTIL. COMM.	SCH. - J	474.0	0.0	474.0	3.073	14,565.00	3.094	14,667.75	102.75
THE ENERGY AUTHORITY	SCH. - J	25.0	0.0	25.0	5.000	1,250.00	5.000	1,250.00	0.00
FMPA	SCH. - J	475.0	0.0	475.0	2.844	13,509.95	2.844	13,509.95	0.00
CITY OF TALLAHASSEE	SCH. - J	120.0	0.0	120.0	0.800	960.00	1.878	2,253.60	1,293.60
EXGEN	SCH. - J	275.0	0.0	275.0	3.164	8,700.00	3.164	8,700.00	0.00
SUB-TOTAL CURRENT MONTH		4,653.0	0.0	4,653.0	3.092	143,849.95	3.137	145,973.30	2,123.35
ADJUSTMENTS TO PRIOR MONTHS:									
DUKE ENERGY FLORIDA	Nov 2019 SCH. - J	(2,477.0)	0.0	(2,477.0)	12.782	(316,610.00)	12.782	(316,610.00)	0.00
DUKE ENERGY FLORIDA	Nov 2019 SCH. - J	2,477.0	0.0	2,477.0	22.593	559,635.20	27.027	669,459.10	109,823.90
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.000	243,025.20	0.000	352,849.10	109,823.90
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		4,653.0	0.0	4,653.0	8.315	386,875.15	10.720	498,822.40	111,947.25
TOTAL		4,653.0	0.0	4,653.0	8.315	386,875.15	10.720	498,822.40	111,947.25
CURRENT MONTH:									
DIFFERENCE		(20,837.0)	0.0	(20,837.0)	4.357	(621,954.85)	2.943	(1,483,767.60)	(861,812.75)
DIFFERENCE %		-81.7%	0.0%	-81.7%	110.1%	-61.7%	37.8%	-74.8%	-88.5%
PERIOD TO DATE:									
ACTUAL		1,234,988.0	143.8	1,234,844.2	3.544	43,757,439.75	4.372	53,985,846.32	10,228,406.57
ESTIMATED		894,370.0	0.0	894,370.0	3.677	32,887,040.00	4.358	38,976,438.00	6,089,398.00
DIFFERENCE		340,618.0	143.8	340,474.2	(0.134)	10,870,399.75	0.014	15,009,408.32	4,139,008.57
DIFFERENCE %		38.1%	0.0%	38.1%	-3.6%	33.1%	0.3%	38.5%	68.0%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: December 2019

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	QF = QUALIFYING FACILITY LT = LONG TERM ST = SHORT-TERM ** THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
SEMINOLE ELECTRIC	8.1	10.8	9.1	9.3	11.5	18.4	8.4	6.3	7.3	9.3	10.1	11.5

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
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TOTAL PURCHASES AND (SALES)	\$	(55,697)	\$	(79,999)	\$	(5,304)	\$	(34,891)	\$	(105,743)	\$	(33,906)	\$	(33,514)	\$	(72,756)	\$	(43,150)	\$	(375,827)	\$	(66,585)	\$	(95,168)	\$	(1,002,540)
TOTAL CAPACITY	\$	(55,697)	\$	(79,999)	\$	(5,304)	\$	(34,891)	\$	(105,743)	\$	(33,906)	\$	(33,514)	\$	(72,756)	\$	(43,150)	\$	(375,827)	\$	(66,585)	\$	(95,168)	\$	(1,002,540)

**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