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December 21, 2018
ELECTRONIC FILING

Ms. Carlotta Stauffer, Director
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. 20180001-EI

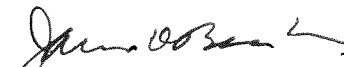
Dear Ms. Stauffer:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of November 2018 as well as the following revised pages:

Schedule A4	October 2018	2 Pages
Schedule A4	August 2018	2 Pages
Schedule A4	July 2018	2 Pages
Schedule A4	June 2018	2 Pages
Schedule A4	May 2018	2 Pages
Schedule A4	April 2018	2 Pages
Schedule A4	March 2018	2 Pages
Schedule A4	February 2018	2 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 21st day of December, 2018 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: November 2018

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	46,495,072	42,752,770	3,742,302	8.8%	1,460,391	1,374,210	86,181	6.3%	3.18374	3.11108	0.07266	2.3%
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	388,216	394,980	(6,764)	-1.7%	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)	46,883,288	43,147,750	3,735,538	8.7%	1,460,391	1,374,210	86,181	6.3%	3.21032	3.13982	0.07050	2.2%
6. Fuel Cost of Purchased Power - Firm (A7)	566,531	423,770	142,761	33.7%	10,722	10,470	252	2.4%	5.28382	4.04747	1.23635	30.5%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	904,635	595,610	309,025	51.9%	17,449	21,320	(3,871)	-18.2%	5.18445	2.79367	2.39078	85.6%
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)	524,602	220,790	303,812	137.6%	18,563	7,400	11,163	150.9%	2.82606	2.98365	(0.15759)	-5.3%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	1,995,768	1,240,170	755,598	60.9%	46,734	39,190	7,544	19.2%	4.27048	3.16451	1.10598	34.9%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,507,125	1,413,400	93,725	6.6%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	85,089	16,680	68,409	410.1%	3,210	650	2,560	393.8%	2.65075	2.56615	0.08459	3.3%
15. Fuel Cost of Sch. C/CB Sales (A6)	1,370	0	1,370	0.0%	50	0	50	0.0%	2.74000	0.00000	2.74000	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)	78,305	18,998	59,307	312.2%	2,554	700	1,854	264.9%	3.06597	2.71400	0.35197	13.0%
18. Gains on Sales	23,657	3,036	20,621	679.2%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	188,421	38,714	149,707	386.7%	5,814	1,350	4,464	330.7%	3.24082	2.86770	0.37311	13.0%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(61)	0	(61)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					2,500	0	2,500	0.0%				
22. Interchange and Wheeling Losses					2,635	(37)	2,672	-7299.5%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	48,690,635	44,349,206	4,341,429	9.8%	1,501,115	1,412,087	89,028	6.3%	3.24363	3.14069	0.10295	3.3%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(5,821,994) (a)	(3,431,796) (a)	(2,390,198)	69.6%	(179,490)	(109,269)	(70,221)	64.3%	3.24363	3.14069	0.10295	3.3%
25. Company Use	103,083 (a)	91,080 (a)	12,003	13.2%	3,178	2,900	278	9.6%	3.24364	3.14069	0.10295	3.3%
26. T & D Losses	2,568,372 (a)	1,912,445 (a)	655,927	34.3%	79,182	60,893	18,289	30.0%	3.24363	3.14069	0.10295	3.3%
27. System KWH Sales	48,690,635	44,349,206	4,341,429	9.8%	1,598,245	1,457,563	140,682	9.7%	3.04651	3.04270	0.00381	0.1%
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	48,690,635	44,349,206	4,341,429	9.8%	1,598,245	1,457,563	140,682	9.7%	3.04651	3.04270	0.00381	0.1%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	48,690,635	44,349,206	4,341,429	9.8%	1,598,245	1,457,563	140,682	9.7%	3.04651	3.04270	0.00381	0.1%
32. Adjustment - Jan thru Apr 2018 Adj for Big Bend and Polk Assets Due to Tax Reform Including Interest	0	0	0	0.0%	1,598,245	1,457,563	140,682	9.7%	0.00000	0.00000	0.00000	0.0%
33. True-up *	(1,423,428)	(1,423,428)	0	0.0%	1,598,245	1,457,563	140,682	9.7%	(0.08906)	(0.09766)	0.00860	-8.8%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	47,267,207	42,925,778	4,341,429	10.1%	1,598,245	1,457,563	140,682	9.7%	2.95744	2.94504	0.01241	0.4%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	47,301,239	42,956,685	4,344,554	10.1%	1,598,245	1,457,563	140,682	9.7%	2.95957	2.94716	0.01241	0.4%
37. GPIF * (Already Adjusted for Taxes)	3,949	3,949	0	0.0%	1,598,245	1,457,563	140,682	9.7%	0.00025	0.00027	(0.00002)	-8.8%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	47,305,188	42,960,634	4,344,554	10.1%	1,598,245	1,457,563	140,682	9.7%	2.95982	2.94743	0.01239	0.4%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.960	2.947	0.013	0.4%

* 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: November 2018

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	573,163,569	561,985,602	11,177,967	2.0%	18,292,522	18,566,460	(273,938)	-1.5%	3.13332	3.02689	0.10644	3.5%
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	4,430,722	4,485,341	(54,619)	-1.2%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	1,650,329	1,650,886	(557)	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)	579,244,620	568,121,829	11,122,791	2.0%	18,292,522	18,566,460	(273,938)	-1.5%	3.16657	3.05994	0.10663	3.5%
6. Fuel Cost of Purchased Power - Firm (A7)	4,680,581	2,543,790	2,136,791	84.0%	93,677	64,260	29,417	45.8%	4.99651	3.95859	1.03792	26.2%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	35,687,387	8,995,910	26,691,477	296.7%	929,358	285,900	643,458	225.1%	3.84000	3.14652	0.69348	22.0%
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)	4,043,778	2,389,610	1,654,168	69.2%	166,509	82,540	83,969	101.7%	2.42856	2.89509	(0.46653)	-16.1%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	44,411,746	13,929,310	30,482,436	218.8%	1,189,544	432,700	756,844	174.9%	3.73351	3.21916	0.51435	16.0%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					19,482,066	18,999,160	482,906	2.5%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	551,727	255,330	296,397	116.1%	24,443	9,750	14,693	150.7%	2.25720	2.61877	(0.36157)	-13.8%
15. Fuel Cost of Sch. C/CB Sales (A6)	106,710	0	106,710	0.0%	5,916	0	5,916	0.0%	1.80375	0.00000	1.80375	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)	6,360,006	332,565	6,027,441	1812.4%	243,623	10,820	232,803	2151.6%	2.61059	3.07361	(0.46302)	-15.1%
18. Gains on Sales	2,524,134	50,654	2,473,480	4883.1%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	9,542,577	638,549	8,904,028	1394.4%	273,982	20,570	253,412	1231.9%	3.48292	3.10427	0.37865	12.2%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(153)	0	(153)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					43,379	0	43,379	0.0%				
22. Interchange and Wheeling Losses					49,122	(555)	49,677	-8953.1%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	614,113,789	581,412,590	32,701,199	5.6%	19,202,188	18,979,145	223,043	1.2%	3.19814	3.06343	0.13472	4.4%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(1,447,945) (a)	(1,639,908) (a)	191,963	-11.7%	(34,316)	(45,004)	10,688	-23.7%	4.21945	3.64392	0.57553	15.8%
25. Company Use	1,153,118 (a)	983,017 (a)	170,101	17.3%	35,948	31,900	4,048	12.7%	3.20774	3.08156	0.12618	4.1%
26. T & D Losses	31,521,759 (a)	26,948,958 (a)	4,572,801	17.0%	985,246	883,539	101,707	11.5%	3.19938	3.05012	0.14926	4.9%
27. System KWH Sales	614,113,789	581,412,590	32,701,199	5.6%	18,215,310	18,108,710	106,600	0.6%	3.37142	3.21068	0.16074	5.0%
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	614,113,789	581,412,590	32,701,199	5.6%	18,215,310	18,108,710	106,600	0.6%	3.37142	3.21068	0.16074	5.0%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	614,113,789	581,412,590	32,701,199	5.6%	18,215,310	18,108,710	106,600	0.6%	3.37142	3.21068	0.16074	5.0%
32. Adjustments - Schedule A2, page 2, lines 6c, 7a and 8b	147,348	0	147,348	0.0%	18,215,310	18,108,710	106,600	0.6%	0.00081	0.00000	0.00081	0.0%
33. True-up *	(15,657,708)	(15,657,708)	0	0.0%	18,215,310	18,108,710	106,600	0.6%	(0.08596)	(0.08647)	0.00051	-0.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	598,603,429	565,754,882	32,848,547	5.8%	18,215,310	18,108,710	106,600	0.6%	3.28627	3.12421	0.16205	5.2%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	599,034,423	566,162,225	32,872,198	5.8%	18,215,310	18,108,710	106,600	0.6%	3.28863	3.12646	0.16217	5.2%
37. GPIF * (Already Adjusted for Taxes)	43,439	43,439	0	0.0%	18,215,310	18,108,710	106,600	0.6%	0.00024	0.00024	(0.00000)	-0.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	599,077,862	566,205,664	32,872,198	5.8%	18,215,310	18,108,710	106,600	0.6%	3.28887	3.12670	0.16217	5.2%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.289	3.127	0.162	5.2%

* 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: November 2018

	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	46,495,072	42,752,770	3,742,302	8.8%	573,163,569	561,985,602	11,177,967	2.0%	
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%	
2. FUEL COST OF POWER SOLD	164,764	35,678	129,086	361.8%	7,018,443	587,895	6,430,548	1093.8%	
2a. GAINS FROM SALES	23,657	3,036	20,621	679.2%	2,524,134	50,654	2,473,480	4883.1%	
3. FUEL COST OF PURCHASED POWER	566,531	423,770	142,761	33.7%	4,680,581	2,543,790	2,136,791	84.0%	
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%	
3b. PAYMENT TO QUALIFIED FACILITIES	524,602	220,790	303,812	137.6%	4,043,778	2,389,610	1,654,168	69.2%	
4. ENERGY COST OF ECONOMY PURCHASES	904,635	595,610	309,025	51.9%	35,687,387	8,995,910	26,691,477	296.7%	
5. TOTAL FUEL & NET POWER TRANSACTION	48,302,419	43,954,226	4,348,193	9.9%	608,032,738	575,276,363	32,756,375	5.7%	
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	388,216	394,980	(6,764)	-1.7%	4,430,722	4,485,341	(54,619)	-1.2%	
6b. ADJ. - POLK 1 CONVERSION DEPRECIATION & ROI	0	0	0	0.0%	1,650,329	1,650,886	(557)	0.0%	
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	48,690,635	44,349,206	4,341,429	9.8%	614,113,789	581,412,590	32,701,199	5.6%	
B. MWH SALES									
1. JURISDICTIONAL SALES	1,598,245	1,457,563	140,682	9.7%	18,215,310	18,108,710	106,600	0.6%	
2. NONJURISDICTIONAL SALES	0	0	0	0.0%	0	0	0	0.0%	
3. TOTAL SALES	1,598,245	1,457,563	140,682	9.7%	18,215,310	18,108,710	106,600	0.6%	
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: November 2018

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	49,609,585	44,926,687	4,682,898	10.4%	569,309,483	566,080,285	3,229,198	0.6%	
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0%	0	0	0	0.0%	
2a. TRUE-UP PROVISION	1,423,428	1,423,428	0	0.0%	15,657,708	15,657,708	0	0.0%	
2b. INCENTIVE PROVISION	(3,949)	(3,949)	0	0.0%	(43,439)	(43,439)	0	0.0%	
2c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	51,029,064	46,346,166	4,682,898	10.1%	584,923,752	581,694,554	3,229,198	0.6%	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	48,690,635	44,349,206	4,341,429	9.8%	614,113,789	581,412,590	32,701,199	5.6%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	1.0000000	1.0000000	0.0000000	0.0%	-	-	-	-	
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	48,690,635	44,349,206	4,341,429	9.8%	614,113,789	581,412,590	32,701,199	5.6%	
6a. JURISDIC. LOSS MULTIPLIER	1.00000	1.00000	0.00000	0.0%	-	-	-	-	
6b. (LINE C6 x LINE C6a)	48,690,635	44,349,206	4,341,429	9.8%	614,113,789	581,412,590	32,701,199	5.6%	
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	48,690,635	44,349,206	4,341,429	9.8%	614,113,789	581,412,590	32,701,199	5.6%	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	2,338,429	1,996,960	341,469	17.1%	(29,190,037)	281,964	(29,472,001)	-10452.4%	
7a. ADJ-BB UNIT 2 OUTAGE REPLACEMENT POWER COST T-Up	0	0	0	0.0%	(190,412)	0	(190,412)	0.0%	
8. INTEREST PROVISION FOR THE MONTH	(40,391)	2,627	(43,018)	-1637.5%	(129,960)	19,723	(149,683)	-758.9%	
8a. ADJ-DEC 2017 INTEREST ADJUSTMENT FOR BB UNIT 2 OUTAGE REPLACEMENT POWER COST	0	0	0	0.0%	2,670	0	2,670	0.0%	
8b. ADJ - JAN THRU APR 2018 ADJUSTMENT FOR BIG BEND AND POLK ASSETS DUE TO TAX REFORM INCLUDING INTEREST	0	0	0	0.0%	43,064	0	43,064	0.0%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(21,715,949)	1,148,957	(22,864,906)	-1990.1%	-----NOT APPLICABLE-----				
10. TRUE-UP COLLECTED (REFUNDED)	(1,423,428)	(1,423,428)	0	0.0%	-----NOT APPLICABLE-----				
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	(20,841,339)	1,725,116	(22,566,455)	-1308.1%	-----NOT APPLICABLE-----				

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	(21,715,949)	1,148,957	(22,864,906)	-1990.1%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	<u>(20,800,948)</u>	<u>1,722,489</u>	<u>(22,523,437)</u>	<u>-1307.6%</u>	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(42,516,897)</u>	<u>2,871,446</u>	<u>(45,388,343)</u>	<u>-1580.7%</u>	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(21,258,449)	1,435,723	(22,694,172)	-1580.7%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	2.270	2.200	0.070	3.2%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>2.300</u>	<u>2.200</u>	<u>0.100</u>	<u>4.5%</u>	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	<u>4.570</u>	<u>4.400</u>	<u>0.170</u>	<u>3.9%</u>	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	2.285	2.200	0.085	3.9%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.190	0.183	0.007	3.8%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(40,391)</u>	<u>2,627</u>	<u>(43,018)</u>	<u>-1637.5%</u>	NOT APPLICABLE			

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018

	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	40,795	(40,795)	-100.0%	51,583	622,118	(570,535)	-91.7%
3 COAL	1,893,879	15,849,558	(13,955,679)	-88.1%	119,395,697	156,700,942	(37,305,245)	-23.8%
4 NATURAL GAS	44,601,193	26,862,417	17,738,776	66.0%	453,716,289	404,662,542	49,053,747	12.1%
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 (\$)	46,495,072	42,752,770	3,742,302	8.8%	573,163,569	561,985,602	11,177,967	2.0%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	180	(180)	-100.0%	173	2,640	(2,467)	-93.4%
10 COAL	43,517	503,610	(460,093)	-91.4%	3,351,386	5,011,200	(1,659,814)	-33.1%
11 NATURAL GAS	1,393,061	844,760	548,301	64.9%	14,845,768	13,433,400	1,412,368	10.5%
12 SOLAR	23,813	25,660	(1,847)	-7.2%	95,195	119,220	(24,025)	-20.2%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,460,391	1,374,210	86,181	6.3%	18,292,522	18,566,460	(273,938)	-1.5%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	0	320	(320)	-100.0%	405	4,880	(4,475)	-91.7%
17 COAL (TON)	23,718	215,060	(191,342)	-89.0%	1,531,513	2,150,870	(619,357)	-28.8%
18 NATURAL GAS (MCF)	10,702,152	6,349,920	4,352,232	68.5%	112,506,580	97,193,930	15,312,650	15.8%
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	1,820	(1,820)	-100.0%	1,349	28,300	(26,951)	-95.2%
23 COAL	538,731	5,211,620	(4,672,889)	-89.7%	36,749,744	51,886,350	(15,136,606)	-29.2%
24 NATURAL GAS	10,972,451	6,506,600	4,465,851	68.6%	114,955,507	99,579,190	15,376,317	15.4%
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)	11,511,182	11,720,040	(208,858)	-1.8%	151,706,600	151,493,840	212,760	0.1%
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%	0.01%	-0.01%	-100.0%	0.00%	0.01%	-0.01%	-93.3%
30 COAL	2.98%	36.65%	-33.67%	-91.9%	18.32%	26.99%	-8.67%	-32.1%
31 NATURAL GAS	95.39%	61.47%	33.92%	55.2%	81.16%	72.35%	8.80%	12.2%
32 SOLAR	1.63%	1.87%	-0.24%	-12.7%	0.52%	0.64%	-0.12%	-19.0%
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	127.48	(127.48)	-100.0%	127.37	127.48	(0.12)	-0.1%
37 COAL (\$/TON)	79.85	73.70	6.15	8.3%	77.96	72.85	5.10	7.0%
38 NATURAL GAS (\$/MCF)	4.17	4.23	(0.06)	-1.5%	4.03	4.16	(0.13)	-3.1%
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	22.41	(22.41)	-100.0%	38.24	21.98	16.25	73.9%
43 COAL	3.52	3.04	0.47	15.6%	3.25	3.02	0.23	7.6%
44 NATURAL GAS	4.06	4.13	(0.06)	-1.5%	3.95	4.06	(0.12)	-2.9%
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)	4.04	3.65	0.39	10.7%	3.78	3.71	0.07	1.8%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018

	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	10,111	(10,111)	-100.0%	7,798	10,720	(2,922)	-27.3%
50 COAL	12,380	10,349	2,031	19.6%	10,966	10,354	612	5.9%
51 NATURAL GAS	7,877	7,702	175	2.3%	7,743	7,413	330	4.5%
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)	7,882	8,529	(647)	-7.6%	8,293	8,160	133	1.6%
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	22.66	(22.66)	-100.0%	29.82	23.57	6.25	26.5%
57 COAL	4.35	3.15	1.20	38.1%	3.56	3.13	0.43	13.7%
58 NATURAL GAS	3.20	3.18	0.02	0.6%	3.06	3.01	0.05	1.7%
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)	3.18	3.11	0.07	2.3%	3.13	3.03	0.10	3.3%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018

(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	211	18.3	-	41.9	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	2,562	18.4	-	43.0	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	139	12.9	-	28.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	9,987	19.7	-	46.6	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	8,493	15.8	-	42.6	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	2,421	4.5	-	18.5	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	241.7	23,813	13.7	-	30.4	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	(4) 305	35,492	16.1	96.8	48.5	-	GAS	418,288	1,023,000	427,908.6	1,751,000	4.93	4.19
B.B.#1 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	305	35,492	16.1	96.8	48.5	12,056	-	-	-	427,908.6	1,751,000	4.93	-
B.B.#2 (GAS)	(4) 340	30,668	12.5	99.9	42.6	-	GAS	339,756	1,023,000	347,570.5	1,422,580	4.64	4.19
B.B.#2 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	30,668	12.5	99.9	42.6	11,333	-	-	-	347,570.5	1,422,580	4.64	-
B.B.#3 (GAS)	(4) 345	149,843	60.2	99.5	60.2	-	GAS	1,670,526	1,023,000	1,708,948.0	6,967,668	4.65	4.17
B.B.#3 (COAL)	345	0	0.0	99.5	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	345	149,843	60.2	99.5	60.2	11,405	-	-	-	1,708,948.0	6,967,668	4.65	-
B.B.#4 (GAS)	(4) 185	338	0.3	23.9	6.5	-	GAS	3,916	1,023,000	4,006.6	16,468	4.87	4.21
B.B.#4 (COAL)	437	45,986	14.6	18.5	64.2	-	COAL	23,718	22,714,000	538,730.7	1,762,576	3.83	74.31
BIG BEND #4 TOTAL	437	46,324	14.7	18.5	64.2	11,716	-	-	-	542,737.3	1,779,044	3.84	-
B.B. IGNITION	(4) -	-	-	-	-	-	GAS	31,410	1,023,000	32,132.0	131,279	-	4.18
BIG BEND 1-4 COAL TOTAL	437	45,986	14.6	18.5	64.2	11,715	COAL	23,718	22,714,000	538,730.7	1,762,576	3.83	74.31
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	(4) 56	452	1.1	64.3	75.3	12,912	GAS	5,705	1,023,000	5,836.3	23,990	5.31	4.21
BIG BEND CT #4 TOTAL	56	452	1.1	64.3	75.3	12,912	-	-	-	5,836.3	23,990	5.31	-
BIG BEND STATION TOTAL	1,483	262,779	24.6	73.8	24.6	11,542	-	-	-	3,033,000.7	12,075,561	4.60	-
POLK #1 GASIFIER	(3),(4) 245	(2,469)	0.0	0.0	0.0	0	COAL	0	0	0.0	24	(0.00)	0.00
POLK #1 CT (GAS)	(3),(4) 195	(46)	0.0	0.0	0.0	0	GAS	0	0	0.0	9,249	(20.11)	0.00
POLK #1 TOTAL	245	(2,515)	0.0	0.0	0.0	0	-	-	-	0.0	9,273	(0.37)	-
POLK #2 ST DUCT FIRING	(4) 120	18,592	21.5	-	93.4	8,400	GAS	152,662	1,023,000	230,941.0	639,560	3.44	4.19
POLK #2 ST W/O DUCT FIRING	(4) 341	203,578	82.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	222,170	66.8	85.6	75.9	-	GAS	-	-	230,941.0	639,560	0.29	-
POLK #2 CT (GAS)	(4) 150	84,940	78.5	100.0	94.8	11,008	GAS	913,971	1,023,000	934,992.0	3,827,155	4.51	4.19
POLK #2 CT (OIL)	159	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	84,940	78.5	100.0	94.8	11,008	-	-	-	934,992.0	3,827,155	4.51	-
POLK #3 CT (GAS)	(4) 150	83,953	77.6	83.2	98.1	10,877	GAS	892,624	1,023,000	913,154.0	3,738,068	4.45	4.19
POLK #3 CT (OIL)	159	0	0.0	83.2	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	83,953	77.6	83.2	98.1	10,877	-	-	-	913,154.0	3,738,068	4.45	-
POLK #4 (GAS)	(4) 150	88,879	82.2	82.9	99.1	10,472	GAS	909,806	1,023,000	930,732.0	3,809,989	4.29	4.19
POLK #5 (GAS)	(4) 150	91,389	84.5	100.0	99.2	10,830	GAS	967,495	1,023,000	989,747.0	4,050,396	4.43	4.19
POLK #2 CC TOTAL	1,061	571,331	74.7	88.9	75.6	6,870	GAS	-	-	3,999,566.0	16,065,168	2.81	-
POLK STATION TOTAL	1,306	568,816	60.4	72.3	61.2	6,900	-	-	-	3,999,566.0	16,074,441	2.83	-



**SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018**

SCHEDULE A4
PAGE 2 OF 2

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	89,349	53.2	73.6	53.9	-		-	-	-	-	-	-
BAYSIDE CT1A	156	43,441	38.6	61.9	83.8	11,268	GAS	478,507	1,023,000	472,640.0	1,954,211	4.50	4.08
BAYSIDE CT1B	156	43,419	38.6	62.9	81.4	11,562	GAS	490,704	1,023,000	485,117.0	2,004,023	4.62	4.08
BAYSIDE CT1C	156	79,660	70.8	100.0	82.1	11,259	GAS	876,714	1,023,000	880,005.0	3,580,479	4.49	4.08
BAYSIDE UNIT 1 TOTAL	⁽⁴⁾ 701	255,869	50.6	90.3	51.3	7,380	GAS	1,845,925	1,023,000	1,837,762.0	7,538,713	2.95	4.08
BAYSIDE ST 2	305	118,998	54.1	76.5	54.1	-		-	-	-	-	-	-
BAYSIDE CT2A	156	49,429	43.9	84.7	84.0	11,144	GAS	538,449	1,023,000	550,834.0	2,252,418	4.56	4.18
BAYSIDE CT2B	156	55,787	49.6	81.9	84.1	11,393	GAS	621,316	1,023,000	635,606.0	2,599,063	4.66	4.18
BAYSIDE CT2C	156	55,676	49.5	64.5	82.3	11,710	GAS	637,317	1,023,000	651,975.0	2,665,998	4.79	4.18
BAYSIDE CT2D	156	68,865	61.2	76.6	81.4	11,573	GAS	779,070	1,023,000	796,989.0	3,258,973	4.73	4.18
BAYSIDE UNIT 2 TOTAL	⁽⁴⁾ 929	348,755	52.1	92.1	52.1	7,557	GAS	2,576,152	1,023,000	2,635,404.0	10,776,452	3.09	4.18
BAYSIDE UNIT 3 TOTAL	⁽⁴⁾ 56	146	0.4	98.0	83.2	13,932	GAS	1,988	1,023,000	2,034.0	8,637	5.92	4.34
BAYSIDE UNIT 4 TOTAL	^{(3),(4)} 56	(14)	0.0	94.7	0.0	0	GAS	0	0	0.0	292	(2.09)	0.00
BAYSIDE UNIT 5 TOTAL	⁽⁴⁾ 56	183	0.5	95.7	69.5	15,350	GAS	2,746	1,023,000	2,809.0	18,390	10.05	6.70
BAYSIDE UNIT 6 TOTAL	⁽⁴⁾ 56	44	0.1	97.0	61.2	13,773	GAS	592	1,023,000	606.0	2,586	5.88	4.37
BAYSIDE STATION TOTAL	1,854	604,983	45.3	91.9	45.3	7,487	GAS	4,427,403	1,023,000	4,478,615.0	18,345,070	3.03	4.14
							LGT.OIL						
SYSTEM	4,885	1,460,391	41.5	80.6	42.8	7,866	-	-	-	11,511,181.7	46,495,072	3.18	-

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⁾ Includes February through October 2018 adjustments to Big Bend, Polk and Bayside Stations, also includes adjustments to Polk and Big Bend ignition for February through August 2018. Details on Schedule A5 page 2.

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018**

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	320	(320)	-100.0%	405	4,880	(4,475)	-91.7%	
21 UNIT COST (\$/BBL)	0.00	127.48	(127.48)	-100.0%	127.37	127.48	(0.12)	-0.1%	
22 AMOUNT (\$)	0	40,795	(40,795)	-100.0%	51,583	622,118	(570,535)	-91.7%	
23 ENDING INVENTORY:									
24 UNITS (BBL)	43,998	36,928	7,070	19.1%	43,998	36,928	7,070	19.1%	
25 UNIT COST (\$/BBL)	127.48	127.48	0.00	0.0%	127.48	127.48	0.00	0.0%	
26 AMOUNT (\$)	5,609,055	4,707,691	901,364	19.1%	5,609,055	4,707,691	901,364	19.1%	
27									
28 DAYS SUPPLY: NORMAL	2,974	2,496	478	20.0%	-	-	-	-	
29 DAYS SUPPLY: EMERGENCY	6	5	1	20.0%	-	-	-	-	
COAL⁽²⁾									
30 PURCHASES:									
31 UNITS (TONS)	13,110	157,000	(143,890)	-91.6%	1,447,810	2,032,010	(584,200)	-28.7%	
32 UNIT COST (\$/TON)	146.62	69.64	76.97	110.5%	74.67	72.31	2.36	3.3%	
33 AMOUNT (\$)	1,922,130	10,934,049	(9,011,919)	-82.4%	108,111,923	146,943,129	(38,831,206)	-26.4%	
34 BURNED:									
35 UNITS (TONS)	23,718	215,060	(191,342)	-89.0%	1,531,513	2,150,870	(619,357)	-28.8%	
36 UNIT COST (\$/TON)	79.85	73.70	6.15	8.3%	77.96	72.85	5.10	7.0%	
37 AMOUNT (\$)	* 1,893,879	15,849,558	(13,955,679)	-88.1%	119,395,697	156,700,942	(37,305,245)	-23.8%	
38 ENDING INVENTORY:									
39 UNITS (TONS)	341,463	495,838	(154,375)	-31.1%	341,463	495,838	(154,375)	-31.1%	
40 UNIT COST (\$/TON)	72.92	65.45	7.46	11.4%	72.92	65.45	7.46	11.4%	
41 AMOUNT (\$)	24,899,003	32,454,605	(7,555,602)	-23.3%	24,899,003	32,454,605	(7,555,602)	-23.3%	
42									
43 DAYS SUPPLY:	50	72	(22)	-30.0%	-	-	-	-	
NATURAL GAS⁽³⁾									
44 PURCHASES:									
45 UNITS (MCF)	10,741,045	6,058,091	4,682,954	77.3%	112,070,075	97,339,845	14,730,230	15.1%	
46 UNIT COST (\$/MCF)	3.97	4.31	(0.34)	-7.9%	3.99	4.17	(0.18)	-4.3%	
47 AMOUNT (\$)	42,625,640	26,111,141	16,514,499	63.2%	447,330,063	406,018,663	41,311,400	10.2%	
48 BURNED:									
49 UNITS (MCF)	** 10,702,152	6,349,920	4,352,232	68.5%	112,506,580	97,193,930	15,312,650	15.8%	
50 UNIT COST (\$/MCF)	4.17	4.23	(0.06)	-1.5%	4.03	4.16	(0.13)	-3.1%	
51 AMOUNT (\$)	** 44,601,193	26,862,417	17,738,776	66.0%	453,716,289	404,662,542	49,053,747	12.1%	
52 ENDING INVENTORY:									
53 UNITS (MCF)	321,638	875,486	(553,848)	-63.3%	321,638	875,486	(553,848)	-63.3%	
54 UNIT COST (\$/MCF)	3.12	3.07	0.04	1.4%	3.12	3.07	0.04	1.4%	
55 AMOUNT (\$)	1,002,154	2,690,100	(1,687,946)	-62.7%	1,002,154	2,690,100	(1,687,946)	-62.7%	
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: November 2018**

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%	-	-	-	-

* Includes adjustment to Polk ignition of \$24.07 and to Big Bend ignition of \$393.55 for the months of February 2018 through August 2018.

** Includes February through October 2018 consumption adjustments to gas of:

	Units	Dollars	mmbtu's
Big Bend #1	(745)	7,974	
Big Bend #2	(726)	6,800	
Big Bend #3	(1,137)	6,514	
Big Bend #4	(52)	146	
Big Bend CT4		218	
Polk #1		9,249	
Polk #2 Duct Firing	73,058	3,412	74,768.0
Polk #2	(1,074)	18,599	
Polk #3	(1,061)	18,466	
Polk #4	(1,069)	18,785	
Polk #5	(870)	18,803	
Bayside #1	(51,159)	(155,533)	(50,619.0)
Bayside #2	(2,993)	38,446	
Bayside #3	(1)	350	
Bayside #4	(1)	292	
Bayside #5	(3)	6,944	
Bayside #6	(4)	116	
Total	12,162	(418)	24,149.0

(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	11,589
NON-INV EXPENSE	356,118
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	131,279
POLK NG IGNITION	24
AERIAL SURVEY ADJ	0
ADDITIVES	0
TOTAL	499,010

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		(131,279)
POLK NG IGNITION		0
INVENTORY ADJ	0	2,242,619
TOTAL	0	2,111,340

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018

(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	650.0	0.0	650.0	2.566	2.741	16,680.00	17,814.00	1,134.00
VARIOUS	JURISD.	MKT.BASE	700.0	0.0	700.0	2.714	2.986	18,998.10	20,900.00	1,901.90
TOTAL			1,350.0	0.0	1,350.0	2.643	2.868	35,678.10	38,714.00	3,035.90
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	3,210.0	0.0	3,210.0	2.631	2.894	84,465.39	92,911.93	5,002.87
REEDY CREEK		SCH. - CB	50.0	0.0	50.0	2.739	3.141	1,369.60	1,570.60	142.80
EXGEN		SCH. - MA	552.0	0.0	552.0	3.759	4.436	20,751.34	24,484.23	2,904.93
DUKE ENERGY FLORIDA		SCH. - MA	100.0	0.0	100.0	2.293	2.679	2,292.50	2,679.48	321.98
ORLANDO UTILITIES		SCH. - MA	75.0	0.0	75.0	2.102	2.626	1,576.50	1,969.31	344.06
REEDY CREEK		SCH. - MA	480.0	0.0	480.0	1.917	2.624	9,201.60	12,594.80	3,081.20
THE ENERGY AUTHORITY		SCH. - MA	522.0	0.0	522.0	2.974	3.656	15,524.72	19,086.06	3,160.40
EDF TRADING		SCH. - MA	825.0	0.0	825.0	3.510	4.676	28,958.19	38,580.99	8,698.66
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								0.00
SUB-TOTAL CURRENT MONTH			5,814.0	0.0	5,814.0	2.823	3.335	164,139.84	193,877.40	23,656.90
ADJUSTMENTS TO PRIOR MONTHS:										
SEMINOLE ELEC. PRECO-1	Feb 2018	SCH. - D	(2,142.0)	(14.0)	(2,128.0)	1.906	2.099	(40,557.46)	(44,675.61)	(1,062.84)
SEMINOLE ELEC. PRECO-1	Feb 2018	SCH. - D	2,142.0	14.0	2,128.0	1.935	2.129	41,181.54	45,299.69	1,062.84
SUB-TOTAL ADJUSTMENTS			0.0	0.0	0.0	0.000	0.000	624.08	624.08	0.00
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			3,210.0	0.0	3,210.0	2.651	2.914	85,089.47	93,536.01	5,002.87
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			50.0	0.0	50.0	2.739	3.141	1,369.60	1,570.60	142.80
SUB-TOTAL SCHEDULE MA POWER SALES-JURISD.			2,554.0	0.0	2,554.0	3.066	3.892	78,304.85	99,394.87	18,511.23
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			5,814.0	0.0	5,814.0	2.834	3.345	164,763.92	194,501.48	23,656.90
CURRENT MONTH:										
DIFFERENCE			4,464.0	0.0	4,464.0	0.191	0.477	129,085.82	155,787.48	20,621.00
DIFFERENCE %			330.7%	0.0%	330.7%	7.2%	16.6%	361.8%	402.4%	679.2%
PERIOD TO DATE:										
ACTUAL			274,000.0	18.0	273,982.0	2.562	3.622	7,018,444.25	9,922,859.05	2,524,133.11
ESTIMATED			20,570.0	0.0	20,570.0	2.858	3.104	587,896.74	638,549.00	50,652.26
DIFFERENCE			253,430.0	18.0	253,412.0	(0.296)	0.518	6,430,547.51	9,284,310.05	2,473,480.85
DIFFERENCE %			1232.0%	0.0%	1231.9%	-10.4%	16.7%	1093.8%	1454.0%	4883.3%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018**

(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:								
PASCO COGEN	SCH. - D	10,470.0	0.0	0.0	10,470.0	4.047	4.047	423,770.00
TOTAL		10,470.0	0.0	0.0	10,470.0	4.047	4.047	423,770.00
ACTUAL:								
PASCO COGEN	SCH. - D	9,673.0	0.0	0.0	9,673.0	5.539	5.539	535,759.82
DUKE ENERGY FLORIDA	OATT	1,049.0	0.0	0.0	1,049.0	2.933	2.933	30,771.73
SUB-TOTAL CURRENT MONTH		10,722.0	0.0	0.0	10,722.0	5.284	5.284	566,531.55
NO ADJUSTMENTS TO PRIOR MONTHS								
SUB-TOTAL SCHEDULE D PURCHASED POWER		9,673.0	0.0	0.0	9,673.0	5.539	5.539	535,759.82
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		1,049.0	0.0	0.0	1,049.0	2.933	2.933	30,771.73
TOTAL		10,722.0	0.0	0.0	10,722.0	5.284	5.284	566,531.55
CURRENT MONTH:								
DIFFERENCE		252.0	0.0	0.0	252.0	1.237	1.237	142,761.55
DIFFERENCE %		2.4%	0.0%	0.0%	2.4%	30.6%	30.6%	33.7%
PERIOD TO DATE:								
ACTUAL		93,677.0	0.0	0.0	93,677.0	4.997	4.997	4,680,581.11
ESTIMATED		64,260.0	0.0	0.0	64,260.0	3.959	3.959	2,543,790.00
DIFFERENCE		29,417.0	0.0	0.0	29,417.0	1.038	1.038	2,136,791.11
DIFFERENCE %		45.8%	0.0%	0.0%	45.8%	26.2%	26.2%	84.0%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018

(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.	7,400.0	0.0	0.0	7,400.0	2.984	2.984	220,790.00
TOTAL		7,400.0	0.0	0.0	7,400.0	2.984	2.984	220,790.00
ACTUAL:								
	AS AVAILABLE							
CARGILL RIDGEWOOD	COGEN.	644.0	0.0	0.0	644.0	2.838	2.838	18,274.52
CARGILL MILLPOINT	COGEN.	361.0	0.0	0.0	361.0	2.653	2.653	9,577.70
IMC-AGRICO-S. PIERCE	COGEN.	17,557.0	0.0	0.0	17,557.0	2.829	2.829	496,725.95
SUB-TOTAL CURRENT MONTH		18,562.0	0.0	0.0	18,562.0	2.826	2.826	524,578.17
NET METERING		1.0	0.0	0.0	1.0	2.285	2.285	23.92
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		18,563.0	0.0	0.0	18,563.0	2.826	2.826	524,602.09
CURRENT MONTH:								
DIFFERENCE		11,163.0	0.0	0.0	11,163.0	(0.158)	(0.158)	303,812.09
DIFFERENCE %		150.9%	0.0%	0.0%	150.9%	-5.3%	-5.3%	137.6%
PERIOD TO DATE:								
ACTUAL		166,510.1	0.0	0.0	166,510.1	2.429	2.429	4,043,777.39
ESTIMATED		82,540.0	0.0	0.0	82,540.0	2.895	2.895	2,389,610.00
DIFFERENCE		83,970.1	0.0	0.0	83,970.1	(0.467)	(0.467)	1,654,167.39
DIFFERENCE %		101.7%	0.0%	0.0%	101.7%	-16.1%	-16.1%	69.2%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018

(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	21,320.0	0.0	21,320.0	2.794	595,610.00	4.528	965,290.00	369,680.00
TOTAL		21,320.0	0.0	21,320.0	2.794	595,610.00	4.528	965,290.00	369,680.00
ACTUAL:									
FLA. POWER & LIGHT	SCH. - J	2,550.0	0.0	2,550.0	4.804	122,500.00	11.967	305,167.00	182,667.00
ORLANDO UTIL. COMM.	SCH. - J	1,325.0	0.0	1,325.0	6.962	92,250.00	7.129	94,455.75	2,205.75
THE ENERGY AUTHORITY	SCH. - J	7,419.0	0.0	7,419.0	5.719	424,260.00	13.211	980,129.30	555,869.30
EDF TRADING	SCH. - J	65.0	0.0	65.0	3.500	2,275.00	5.236	3,403.40	1,128.40
EXGEN	SCH. - J	3,858.0	0.0	3,858.0	4.086	157,650.00	12.322	475,367.10	317,717.10
SOUTHERN COMPANY	SCH. - J	2,232.0	0.0	2,232.0	4.736	105,700.00	10.626	237,165.50	131,465.50
SUB-TOTAL CURRENT MONTH		17,449.0	0.0	17,449.0	5.184	904,635.00	12.010	2,095,688.05	1,191,053.05
NO ADJUSTMENTS TO PRIOR MONTHS									
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		17,449.0	0.0	17,449.0	5.184	904,635.00	12.010	2,095,688.05	1,191,053.05
TOTAL		17,449.0	0.0	17,449.0	5.184	904,635.00	12.010	2,095,688.05	1,191,053.05
CURRENT MONTH:									
DIFFERENCE		(3,871.0)	0.0	(3,871.0)	2.391	309,025.00	7.483	1,130,398.05	821,373.05
DIFFERENCE %		-18.2%	0.0%	-18.2%	85.6%	51.9%	165.3%	117.1%	222.2%
PERIOD TO DATE:									
ACTUAL		929,785.9	427.8	929,358.1	3.840	35,687,387.59	4.420	41,081,206.96	5,393,819.37
ESTIMATED		285,900.0	0.0	285,900.0	3.147	8,995,910.00	4.983	14,245,210.00	5,249,300.00
DIFFERENCE		643,885.9	427.8	643,458.1	0.693	26,691,477.59	(0.562)	26,835,996.96	144,519.37
DIFFERENCE %		225.2%	0.0%	225.1%	22.0%	296.7%	-11.3%	188.4%	2.8%

**CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: November 2018**

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
PASCO COGEN LTD	1/1/2009	12/31/2018	LT	QF = QUALIFYING FACILITY
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	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
PASCO COGEN LTD	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0
SEMINOLE ELECTRIC	10.3	7.1	5.9	5.6	0.9	1.9	2.1	2.3	2.1	8.9	2.1	

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
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TOTAL PURCHASES AND (SALES)	\$	583,902	\$	872,960	\$	668,109	\$	639,970	\$	1,074,286	\$	1,142,022	\$	1,183,470	\$	1,251,270	\$	1,248,984	\$	1,204,852	\$	855,876	\$	-	\$	10,725,701
TOTAL CAPACITY	\$	583,902	\$	872,960	\$	668,109	\$	639,970	\$	1,074,286	\$	1,142,022	\$	1,183,470	\$	1,251,270	\$	1,248,984	\$	1,204,852	\$	855,876	\$	-	\$	10,725,701

**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

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

SCHEDULE A4
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(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	264	22.2	-	43.5	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,482	24.2	-	52.7	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	178	15.9	-	34.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	8,981	17.2	-	37.7	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	8,235	14.9	-	32.7	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	167.2	21,140	17.0	-	33.4	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	305	66,020	29.1	95.5	47.5	-	GAS	761,211	1,022,000	777,196.8	3,078,409	4.66	4.04
B.B.#1 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	305	66,020	29.1	95.5	47.5	11,772	-	-	-	777,196.8	3,078,409	4.66	-
B.B.#2 (GAS)	340	61,799	24.4	100.0	38.2	-	GAS	742,066	1,022,000	757,649.2	3,000,981	4.86	4.04
B.B.#2 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	61,799	24.4	100.0	38.2	12,260	-	-	-	757,649.2	3,000,981	4.86	-
B.B.#3 (GAS)	345	106,431	41.5	90.4	56.5	-	GAS	1,161,912	1,022,000	1,186,312.3	4,698,878	4.41	4.04
B.B.#3 (COAL)	345	0	0.0	90.4	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	345	106,431	41.5	90.4	56.5	11,146	-	-	-	1,186,312.3	4,698,878	4.41	-
B.B.#4 (GAS)	185	5,607	4.1	99.3	42.1	-	GAS	53,544	1,022,000	54,668.4	216,535	3.86	4.04
B.B.#4 (COAL)	437	186,957	57.5	81.0	79.5	-	COAL	79,567	22,616,000	1,799,487.3	5,807,088	3.11	72.98
BIG BEND #4 TOTAL	437	192,564	59.2	81.0	72.2	9,629	-	-	-	1,854,155.7	6,023,623	3.13	-
B.B. IGNITION	-	-	-	-	-	-	GAS	22,313	1,022,000	22,782.0	90,238	-	4.04
BIG BEND 1-4 COAL TOTAL	437	186,957	57.5	81.0	79.5	9,625	COAL	79,567	22,616,000	1,799,487.3	5,807,088	3.11	72.98
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	(3)	(78)	0.0	47.8	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND CT #4 TOTAL	56	(78)	0.0	47.8	0.0	0	-	-	-	0.0	0	0.00	-
BIG BEND STATION TOTAL	1,483	426,736	38.7	89.3	47.1	10,722	-	-	-	4,575,314.0	16,892,129	3.96	-
POLK #1 GASIFIER	(3),(4)	(2,556)	0.0	0.0	0.0	0	COAL	0	0	0.0	50,535	(1.98)	0.00
POLK #1 CT (GAS)	(3)	(32)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
POLK #1 TOTAL	245	(2,588)	0.0	0.0	0.0	0	-	-	-	-	50,535	(1.95)	-
POLK #2 ST DUCT FIRING	120	21,353	23.9	-	88.7	8,400	GAS	102,449	1,022,000	104,600.0	710,461	3.33	6.93
POLK #2 ST W/O DUCT FIRING	341	228,386	90.0	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	249,739	72.8	95.1	72.8	-	GAS	-	-	104,600.0	710,461	0.28	-
POLK #2 CT (GAS)	150	100,269	89.8	99.5	93.6	11,172	GAS	1,097,186	1,022,000	1,120,227.0	4,437,121	4.43	4.04
POLK #2 CT (OIL)	159	92	0.1	99.5	0.0	0	LGT.OIL	172	0	0.0	21,881	23.78	127.48
POLK #2 TOTAL	150	100,361	89.9	99.5	93.7	11,162	-	-	-	1,120,227.0	4,459,002	4.44	-
POLK #3 CT (GAS)	150	101,450	90.9	100.0	97.5	10,916	GAS	1,084,650	1,022,000	1,107,427.0	4,386,421	4.32	4.04
POLK #3 CT (OIL)	159	0	0.00	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	101,450	90.9	100.0	97.5	10,916	-	-	-	1,107,427.0	4,386,421	4.32	-
POLK #4 (GAS)	150	103,164	92.4	100.0	97.6	10,813	GAS	1,092,611	1,022,000	1,115,556.0	4,418,620	4.28	4.04
POLK #5 (GAS)	150	84,007	75.3	79.3	98.2	10,811	GAS	889,507	1,022,000	908,187.0	3,597,249	4.28	4.04
POLK #2 CC TOTAL	1,061	638,721	80.9	94.9	85.8	6,937	GAS	-	-	4,355,997.0	17,571,753	2.75	-
POLK STATION TOTAL	1,306	636,133	65.5	77.1	69.4	6,965	-	-	-	4,355,997.0	17,622,288	2.77	-



SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

SCHEDULE A4
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(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	76,239	44.0	77.4	56.0	-		-	-	-	-	-	-
BAYSIDE CT1A	156	50,447	43.5	71.9	78.3	11,667	GAS	576,464	1,022,000	588,570.0	2,332,141	4.62	4.05
BAYSIDE CT1B	156	37,022	31.9	71.5	82.9	11,821	GAS	428,639	1,022,000	437,640.0	1,734,101	4.68	4.05
BAYSIDE CT1C	156	54,060	46.6	80.0	77.6	11,601	GAS	614,253	1,022,000	627,152.0	2,485,020	4.60	4.05
BAYSIDE UNIT 1 TOTAL	701	217,768	41.8	77.9	53.4	7,592	GAS	1,619,356	1,022,000	1,653,362.0	6,551,262	3.01	4.05
BAYSIDE ST 2	305	144,869	63.8	94.5	63.8	-		-	-	-	-	-	-
BAYSIDE CT2A	156	49,591	42.7	98.8	80.4	11,419	GAS	554,653	1,022,000	566,301.0	2,243,903	4.52	4.05
BAYSIDE CT2B	156	55,410	47.7	100.0	82.1	11,658	GAS	632,660	1,022,000	645,946.0	2,559,488	4.62	4.05
BAYSIDE CT2C	156	69,939	60.3	78.2	80.0	11,826	GAS	810,077	1,022,000	827,088.0	3,277,246	4.69	4.05
BAYSIDE CT2D	156	92,420	79.6	100.0	79.6	11,726	GAS	1,061,427	1,022,000	1,083,717.0	4,294,107	4.65	4.05
BAYSIDE UNIT 2 TOTAL	929	412,229	59.6	98.2	59.6	7,576	GAS	3,058,817	1,022,000	3,123,052.0	12,374,744	3.00	4.05
BAYSIDE UNIT 3 TOTAL	56	83	0.2	100.0	68.4	14,398	GAS	1,170	1,022,000	1,195.0	4,735	5.70	4.05
BAYSIDE UNIT 4 TOTAL	56	49	0.1	94.6	65.6	13,714	GAS	658	1,022,000	672.0	2,663	5.43	4.05
BAYSIDE UNIT 5 TOTAL	56	280	0.7	100.0	75.8	12,336	GAS	3,383	1,022,000	3,454.0	6,859	2.45	2.03
BAYSIDE UNIT 6 TOTAL	56	372	0.9	92.5	83.6	12,013	GAS	4,377	1,022,000	4,469.0	17,708	4.76	4.05
BAYSIDE STATION TOTAL	1,854	630,781	45.7	90.4	45.7	7,588	GAS	4,687,761	1,022,000	4,786,204.0	18,957,971	3.01	4.04
B.B. IGNITION							LGT.OIL				0		
SYSTEM	4,810	1,714,790	47.9	86.3	52.5	8,043	-	-	-	13,717,515.0	53,472,388	3.12	-

LEGEND:

B.B. = BIG BEND

CT = COMBUSTION TURBINE

Footnotes:

⁽¹⁾ As burned fuel cost system total includes ignition.

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

⁽³⁾ Station Service

⁽⁴⁾ Includes adjustment to Polk Coal of \$50,534.68 for the months of July 2018 through September 2018.

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: August 2018

SCHEDULE A4
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(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	23.0	-	43.4	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,791	26.3	-	53.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	213	19.1	-	38.7	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	4,086	7.8	-	16.2	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	(3) 74.4	(3)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	167.2	8,361	6.7	-	12.7	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	305	66,585	29.3	69.5	43.3	-	GAS	814,994	1,021,000	832,108.6	3,165,005	4.75	3.88
B.B.#1 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	305	66,585	29.3	69.5	43.3	12,497	-	-	-	832,108.6	3,165,005	4.75	-
B.B.#2 (GAS)	340	47,786	18.9	89.1	39.5	-	GAS	575,800	1,021,000	587,892.0	2,236,103	4.68	3.88
B.B.#2 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	47,786	18.9	89.1	39.5	12,303	-	-	-	587,892.0	2,236,103	4.68	-
B.B.#3 (GAS)	345	100,627	39.2	94.3	39.4	-	GAS	1,188,250	1,021,000	1,213,203.2	4,614,532	4.59	3.88
B.B.#3 (COAL)	345	0	0.0	94.3	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	345	100,627	39.2	94.3	39.4	12,056	-	-	-	1,213,203.2	4,614,532	4.59	-
B.B.#4 (GAS)	185	756	0.5	100.0	9.1	-	GAS	8,122	1,021,000	8,293.1	31,543	4.17	3.88
B.B.#4 (COAL)	437	246,563	75.8	78.5	84.0	-	COAL	114,346	23,368,841	2,672,133.5	8,385,471	3.40	73.33
BIG BEND #4 TOTAL	437	247,319	76.1	78.5	76.1	10,838	-	-	-	2,680,426.6	8,417,014	3.40	-
B.B. IGNITION	-	-	-	-	-	-	GAS	14,221	1,021,000	14,520.0	55,228	-	3.88
BIG BEND 1-4 COAL TOTAL	437	246,563	75.8	78.5	84.0	10,838	COAL	114,346	23,368,841	2,672,133.5	8,385,471	3.40	73.33
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	(3) 56	(12)	0.0	98.8	0.0	0	GAS	907	1,021,000	925.8	3,522	(29.35)	3.88
BIG BEND CT #4 TOTAL	56	(12)	0.0	98.8	0.0	0	-	-	-	925.8	3,522	(29.35)	-
BIG BEND STATION TOTAL	1,483	462,305	41.9	83.5	41.9	11,496	-	-	-	5,314,556.2	18,491,404	4.00	-
POLK #1 GASIFIER	245	133,832	73.4	92.3	78.5	11,458	COAL	55,253	27,752,000	1,533,384.9	3,683,800	2.75	66.67
POLK #1 CT (GAS)	195	33,384	23.0	99.5	24.3	6,805	GAS	222,517	1,021,000	227,190.0	864,139	2.59	3.88
POLK #1 TOTAL	245	167,216	91.7	97.1	92.2	10,529	-	-	-	1,760,574.9	4,547,939	2.72	-
POLK #2 ST DUCT FIRING	120	19,009	21.3	-	88.4	8,400	GAS	156,395	1,021,000	159,679.0	607,354	3.20	3.88
POLK #2 ST W/O DUCT FIRING	341	226,785	89.4	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	245,794	71.7	99.5	71.9	-	GAS	-	-	159,679.0	607,354	0.25	-
POLK #2 CT (GAS)	150	97,271	87.2	100.0	91.9	11,126	GAS	1,059,946	1,021,000	1,082,205.0	4,116,269	4.23	3.88
POLK #2 CT (OIL)	159	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	97,271	87.2	100.0	91.9	11,126	-	-	-	1,082,205.0	4,116,269	4.23	-
POLK #3 CT (GAS)	150	99,211	88.9	99.8	94.5	10,927	GAS	1,061,773	1,021,000	1,084,070.0	4,123,363	4.16	3.88
POLK #3 CT (OIL)	159	0	0.00	99.8	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	99,211	88.9	99.8	94.5	10,927	-	-	-	1,084,070.0	4,123,363	4.16	-
POLK #4 (GAS)	150	100,988	90.5	99.7	95.2	10,784	GAS	1,066,668	1,021,000	1,089,068.0	4,142,373	4.10	3.88
POLK #5 (GAS)	150	91,562	82.0	100.0	95.0	10,804	GAS	968,929	1,021,000	989,276.0	3,762,805	4.11	3.88
POLK #2 CC TOTAL	1,061	634,826	80.4	99.7	80.7	6,938	GAS	-	-	4,404,298.0	16,752,164	2.64	-
POLK STATION TOTAL	1,306	802,042	82.5	99.2	82.9	7,686	-	-	-	6,164,872.9	21,300,103	2.66	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: August 2018

SCHEDULE A4
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(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	99,042	57.1	95.2	57.9	-		-	-	-	-	-	-
BAYSIDE CT1A	156	56,444	48.6	93.3	80.0	11,463	GAS	635,523	1,021,000	648,869.0	2,468,802	4.37	3.88
BAYSIDE CT1B	156	65,629	56.5	97.8	81.2	11,538	GAS	743,480	1,021,000	759,093.0	2,888,180	4.40	3.88
BAYSIDE CT1C	156	60,063	51.8	98.7	80.0	11,240	GAS	663,075	1,021,000	677,000.0	2,575,832	4.29	3.88
BAYSIDE UNIT 1 TOTAL	701	281,178	53.9	97.5	54.6	7,395	GAS	2,042,078	1,021,000	2,084,962.0	7,932,814	2.82	3.88
BAYSIDE ST 2	305	135,816	59.9	93.1	60.5	-		-	-	-	-	-	-
BAYSIDE CT2A	156	43,046	37.1	91.3	83.5	11,107	GAS	468,275	1,021,000	478,109.0	1,819,097	4.23	3.88
BAYSIDE CT2B	156	50,151	43.2	99.1	82.6	11,304	GAS	555,254	1,021,000	566,914.0	2,156,982	4.30	3.88
BAYSIDE CT2C	156	91,832	79.1	99.8	81.2	11,430	GAS	1,028,014	1,021,000	1,049,602.0	3,993,502	4.35	3.88
BAYSIDE CT2D	156	71,555	61.7	84.0	81.3	11,356	GAS	795,837	1,021,000	812,550.0	3,091,569	4.32	3.88
BAYSIDE UNIT 2 TOTAL	929	392,400	56.8	97.1	57.4	7,409	GAS	2,847,380	1,021,000	2,907,175.0	11,061,150	2.82	3.88
BAYSIDE UNIT 3 TOTAL	56	630	1.5	99.1	15.3	11,868	GAS	7,323	1,021,000	7,477.0	28,448	4.52	3.88
BAYSIDE UNIT 4 TOTAL	56	109	0.3	100.0	68.3	12,881	GAS	1,375	1,021,000	1,404.0	5,342	4.90	3.89
BAYSIDE UNIT 5 TOTAL	56	195	0.5	100.0	60.7	14,062	GAS	2,686	1,021,000	2,742.0	10,433	5.35	3.88
BAYSIDE UNIT 6 TOTAL	56	87	0.2	100.0	54.8	14,345	GAS	1,222	1,021,000	1,248.0	4,748	5.46	3.89
BAYSIDE STATION TOTAL	1,854	674,599	48.9	97.5	49.4	7,411	GAS	4,902,064	1,021,000	5,005,008.0	19,042,935	2.82	3.88
B.B. IGNITION							LGT.OIL				0		
SYSTEM	4,810	1,947,307	54.4	93.5	55.6	8,462	-	-	-	16,484,437.1	58,834,442	3.02	-

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

CC = COMBINED CYCLE
ST = STEAM TURBINE

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

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: July 2018

(A)	(B) NET CAP- ABILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) NET AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE BTU/KWH	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) ⁽²⁾	(L) AS BURNED FUEL COST (\$) ⁽¹⁾	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	228	19.2	-	33.5	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,900	27.1	-	48.7	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	210	18.8	-	33.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	864	1.7	-	6.7	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	-	-	-	-	-	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	92.8	5,202	7.5	-	13.2	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	305	83,604	36.8	84.3	45.9	-	GAS	927,892	1,021,000	947,378.0	3,736,610	4.47	4.03
B.B.#1 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	305	83,604	36.8	84.3	45.9	11,332	-	-	-	947,378.0	3,736,610	4.47	-
B.B.#2 (GAS)	340	19,643	7.8	90.1	38.3	-	GAS	219,433	1,021,000	224,041.0	883,654	4.50	4.03
B.B.#2 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	19,643	7.8	90.1	38.3	11,406	-	-	-	224,041.0	883,654	4.50	-
B.B.#3 (GAS)	345	87,639	34.1	95.7	38.3	-	GAS	970,952	1,021,000	991,342.0	3,910,012	4.46	4.03
B.B.#3 (COAL)	345	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	345	87,639	34.1	95.7	38.3	11,312	-	-	-	991,342.0	3,910,012	4.46	-
B.B.#4 (GAS)	185	380	0.3	77.2	4.6	-	GAS	4,178	1,021,000	4,266.0	16,826	4.43	4.03
B.B.#4 (COAL)	437	249,266	76.7	80.3	81.6	-	COAL	120,442	22,937,348	2,762,620.0	8,882,488	3.56	73.75
BIG BEND #4 TOTAL	437	249,646	76.8	80.3	76.8	11,083	-	-	-	2,766,886.0	8,899,314	3.56	-
B.B. IGNITION	-	-	-	-	-	-	GAS	15,277	1,021,000	15,598.0	61,521	-	4.03
BIG BEND 1-4 COAL TOTAL	437	249,266	76.7	80.3	81.6	11,083	COAL	120,442	22,937,347	2,762,620.0	8,882,488	3.56	73.75
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	(4) 56	(87)	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND CT #4 TOTAL	56	(87)	0.0	100.0	0.0	0	-	-	-	0.0	0	0.00	-
BIG BEND STATION TOTAL	1,483	440,445	39.9	87.7	55.9	11,192	-	-	-	4,929,647.0	17,491,111	3.97	-
POLK #1 GASIFIER	245	96,351	52.9	63.0	79.9	10,992	COAL	39,397	26,881,033	1,059,043.1	3,455,910	3.59	87.72
POLK #1 CT (GAS)	195	45,354	31.3	95.2	35.4	8,291	GAS	368,284	1,021,000	376,018.0	1,483,075	3.27	4.03
POLK #1 TOTAL	245	141,705	77.7	89.1	81.7	10,127	-	-	-	1,435,061.1	4,938,985	3.49	-
POLK #2 ST DUCT FIRING	120	23,364	26.2	-	91.4	8,400	GAS	192,219	1,021,000	196,255.0	774,061	3.31	4.03
POLK #2 ST W/O DUCT FIRING	341	240,163	94.7	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	263,527	76.8	99.6	76.8	-	GAS	-	-	196,255.0	774,061	0.29	-
POLK #2 CT (GAS)	150	103,658	92.9	100.0	92.9	11,173	GAS	1,134,387	1,021,000	1,158,209.0	4,568,162	4.41	4.03
POLK #2 CT (OIL)	(3) 159	0	0.0	100.0	0.0	0	LGT.OIL	230	0	0.0	29,354	0.00	127.48
POLK #2 TOTAL	150	103,658	92.9	100.0	92.9	11,173	-	-	-	1,158,209.0	4,597,516	4.44	-
POLK #3 CT (GAS)	150	98,656	88.4	100.0	95.7	10,909	GAS	1,054,121	1,021,000	1,076,257.0	4,244,930	4.30	4.03
POLK #3 CT (OIL)	(3) 159	0	0.00	100.0	0.0	0	LGT.OIL	1	0	0.0	134	0.00	127.62
POLK #3 TOTAL	150	98,656	88.4	100.0	95.7	10,909	-	-	-	1,076,257.0	4,245,064	4.30	-
POLK #4 (GAS)	150	105,699	94.7	100.0	96.0	10,838	GAS	1,121,962	1,021,000	1,145,523.0	4,518,126	4.27	4.03
POLK #5 (GAS)	150	102,849	92.2	100.0	95.9	10,856	GAS	1,093,598	1,021,000	1,116,564.0	4,403,907	4.28	4.03
POLK #2 CC TOTAL	1,061	674,389	85.4	99.8	85.4	6,959	GAS	-	-	4,692,808.0	18,538,674	2.75	-
POLK STATION TOTAL	1,306	816,094	84.0	97.8	84.0	7,509	-	-	-	6,127,869.1	23,477,659	2.88	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: July 2018

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(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	108,023	62.3	100.0	62.3	-		-	-	-	-	-	-
BAYSIDE CT1A	156	61,730	53.2	100.0	90.1	11,415	GAS	692,812	1,021,000	707,361.0	2,791,074	4.52	4.03
BAYSIDE CT1B	156	73,368	63.2	100.0	83.9	11,467	GAS	826,691	1,021,000	844,051.0	3,330,422	4.54	4.03
BAYSIDE CT1C	156	64,173	55.3	100.0	85.1	11,171	GAS	704,773	1,021,000	719,573.0	2,839,261	4.42	4.03
BAYSIDE UNIT 1 TOTAL	701	307,294	58.9	100.0	58.9	7,364	GAS	2,224,276	1,021,000	2,270,985.0	8,960,757	2.92	4.03
BAYSIDE ST 2	305	122,070	53.8	92.6	53.9	-		-	-	-	-	-	-
BAYSIDE CT2A	156	58,067	50.0	100.0	81.6	11,172	GAS	635,386	1,021,000	648,729.0	2,559,728	4.41	4.03
BAYSIDE CT2B	156	63,084	54.4	91.6	77.3	11,392	GAS	703,884	1,021,000	718,666.0	2,835,681	4.50	4.03
BAYSIDE CT2C	156	57,172	49.3	78.2	80.5	11,486	GAS	643,165	1,021,000	656,671.0	2,591,067	4.53	4.03
BAYSIDE CT2D	156	49,224	42.4	65.8	80.9	11,391	GAS	549,177	1,021,000	560,710.0	2,212,425	4.49	4.03
BAYSIDE UNIT 2 TOTAL	929	349,617	50.6	97.5	50.7	7,393	GAS	2,531,612	1,021,000	2,584,776.0	10,198,901	2.92	4.03
BAYSIDE UNIT 3 TOTAL	56	79	0.2	92.1	72.3	15,228	GAS	1,178	1,021,000	1,203.0	4,747	6.01	4.03
BAYSIDE UNIT 4 TOTAL	56	293	0.7	100.0	86.2	11,628	GAS	3,337	1,021,000	3,407.0	13,443	4.59	4.03
BAYSIDE UNIT 5 TOTAL	56	34	0.1	100.0	40.0	24,471	GAS	815	1,021,000	832.0	3,283	9.66	4.03
BAYSIDE UNIT 6 TOTAL	56	45	0.1	100.0	63.4	15,689	GAS	691	1,021,000	706.0	2,786	6.19	4.03
BAYSIDE STATION TOTAL	1,854	657,362	47.7	98.5	54.2	7,384	GAS	4,761,909	1,021,000	4,861,909.0	19,183,917	2.92	4.03
B.B. IGNITION							LGT.OIL				0		
SYSTEM	4,736	1,919,103	54.5	94.9	54.9	8,291	-	-	-	15,919,425.1	60,152,687	3.13	-

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⁾ Fuel units burned and fuel cost dollars related to June 2018.
⁽⁴⁾ Station Service

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: June 2018

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(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	297	25.8	-	44.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	4,097	29.4	-	53.3	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	225	20.8	-	36.9	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	4,619	28.6	-	51.5	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	305	61,694	28.1	98.3	43.1	-	GAS	698,234	1,020,000	712,199.0	2,712,132	4.40	3.88
B.B.#1 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	305	61,694	28.1	98.3	43.1	11,544	-	-	-	712,199.0	2,712,132	4.40	-
B.B.#2 (GAS)	340	26,562	10.9	92.5	34.9	-	GAS	300,230	1,020,000	306,235.0	1,166,176	4.39	3.88
B.B.#2 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	26,562	10.9	92.5	34.9	11,529	-	-	-	306,235.0	1,166,176	4.39	-
B.B.#3 (GAS)	345	40,566	16.3	99.4	42.4	-	GAS	435,606	1,020,000	444,318.0	1,692,012	4.17	3.88
B.B.#3 (COAL)	395	178,525	62.8	95.6	108.9	-	COAL	81,873	23,393,418	1,915,289.3	6,320,015	3.54	77.19
BIG BEND #3 TOTAL	395	219,091	77.0	95.6	80.2	10,770	-	-	-	2,359,607.3	8,012,027	3.66	-
B.B.#4 (GAS)	185	469	0.4	72.7	5.3	-	GAS	5,078	1,020,000	5,179.0	19,722	4.21	3.88
B.B.#4 (COAL)	437	181,055	57.5	60.1	87.2	-	COAL	86,460	22,814,064	1,972,503.9	6,674,098	3.69	77.19
BIG BEND #4 TOTAL	437	181,524	57.7	60.1	79.4	10,895	-	-	-	1,977,682.9	6,693,820	3.69	-
B.B. IGNITION	-	-	-	-	-	-	GAS	31,795	1,020,000	32,431.0	123,501	-	3.88
BIG BEND 1-4 COAL TOTAL	1,477	359,580	60.0	77.0	49.9	10,812	COAL	168,333	23,095,847	3,887,793.2	12,994,113	3.61	77.19
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	56	615	1.5	100.0	75.7	13,069	GAS	7,880	1,020,000	8,037.3	30,606	4.98	3.88
BIG BEND CT #4 TOTAL	56	615	1.5	100.0	75.7	13,069	-	-	-	8,037.3	30,606	4.98	-
BIG BEND STATION TOTAL	1,533	489,486	44.3	85.5	67.8	10,958	-	-	-	5,363,761.5	18,738,262	3.83	-
POLK #1 GASIFIER	220	18,172	11.5	19.8	61.6	23,042	COAL	14,896	28,110,000	418,718.1	1,334,717	7.34	89.60
POLK #1 CT (GAS)	195	61,472	43.8	98.9	63.4	8,966	GAS	540,375	1,020,000	551,183.0	2,098,965	3.41	3.88
POLK #1 TOTAL	220	79,644	50.3	89.6	60.0	12,178	-	-	-	969,901.1	3,433,682	4.31	-
POLK #2 ST DUCT FIRING	120	22,678	26.2	-	90.4	8,397	GAS	186,701	1,020,000	190,435.0	725,197	3.20	3.88
POLK #2 ST W/O DUCT FIRING	341	231,263	94.2	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	253,941	76.5	99.7	76.5	-	GAS	-	-	190,435.0	725,197	0.29	-
POLK #2 CT (GAS)	150	96,202	89.1	100.0	93.0	11,209	GAS	1,057,228	1,020,000	1,078,372.0	4,106,559	4.27	3.88
POLK #2 CT (OIL)	(3) 159	79	0.1	100.0	36.3	16,991	LGT.OIL	0	5,829,601	1,342.3	0	0.00	0.00
POLK #2 TOTAL	150	96,281	89.1	100.0	92.9	11,214	-	-	-	1,079,714.3	4,106,559	4.27	-
POLK #3 CT (GAS)	150	93,964	87.0	100.0	95.6	10,856	GAS	1,000,044	1,020,000	1,020,045.0	3,884,443	4.13	3.88
POLK #3 CT (OIL)	(3) 159	2	0.00	100.0	12.6	3,050	LGT.OIL	0	5,829,600	6.1	0	0.00	0.00
POLK #3 TOTAL	150	93,966	87.0	100.0	95.5	10,856	-	-	-	1,020,051.1	3,884,443	4.13	-
POLK #4 (GAS)	150	100,677	93.2	100.0	95.7	10,875	GAS	1,073,440	1,020,000	1,094,909.0	4,169,533	4.14	3.88
POLK #5 (GAS)	150	103,538	95.9	100.0	95.9	10,890	GAS	1,105,390	1,020,000	1,127,498.0	4,293,636	4.15	3.88
POLK #2 CC TOTAL	1,061	648,403	84.9	99.9	84.9	6,960	GAS	-	-	4,512,607.4	17,179,368	2.65	-
POLK STATION TOTAL	1,281	728,047	78.9	98.1	81.2	7,530	-	-	-	5,482,508.5	20,613,050	2.83	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: June 2018

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(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	107,361	64.0	100.0	64.0	-		-	-	-	-	-	-
BAYSIDE CT1A	156	66,912	59.6	100.0	81.2	11,733	GAS	773,075	1,020,000	788,536.0	3,004,318	4.49	3.89
BAYSIDE CT1B	156	70,802	63.0	100.0	81.2	11,746	GAS	818,718	1,020,000	835,092.0	3,181,695	4.49	3.89
BAYSIDE CT1C	156	60,939	54.3	100.0	82.2	11,421	GAS	685,733	1,020,000	699,448.0	2,664,890	4.37	3.89
BAYSIDE UNIT 1 TOTAL	701	306,014	60.6	100.0	60.6	7,557	GAS	2,277,526	1,020,000	2,323,076.0	8,850,903	2.89	3.89
BAYSIDE ST 2	305	114,586	52.2	91.0	52.2	-		-	-	-	-	-	-
BAYSIDE CT2A	156	58,284	51.9	100.0	81.9	11,479	GAS	655,950	1,020,000	669,069.0	2,549,148	4.37	3.89
BAYSIDE CT2B	156	62,647	55.8	94.5	81.7	11,770	GAS	722,928	1,020,000	737,386.0	2,809,437	4.48	3.89
BAYSIDE CT2C	156	38,914	34.6	80.6	85.3	11,698	GAS	446,293	1,020,000	455,219.0	1,734,380	4.46	3.89
BAYSIDE CT2D	156	56,210	50.0	87.2	76.3	11,633	GAS	641,095	1,020,000	653,917.0	2,491,419	4.43	3.89
BAYSIDE UNIT 2 TOTAL	929	330,641	49.4	97.0	49.4	7,608	GAS	2,466,266	1,020,000	2,515,591.0	9,584,384	2.90	3.89
BAYSIDE UNIT 3 TOTAL	56	2,464	6.1	99.6	88.9	11,895	GAS	28,734	1,020,000	29,309.0	111,667	4.53	3.89
BAYSIDE UNIT 4 TOTAL	56	1,015	2.5	99.2	71.9	12,146	GAS	12,086	1,020,000	12,328.0	46,970	4.63	3.89
BAYSIDE UNIT 5 TOTAL	56	291	0.7	100.0	81.4	12,718	GAS	3,628	1,020,000	3,701.0	14,101	4.85	3.89
BAYSIDE UNIT 6 TOTAL	56	423	1.0	100.0	87.5	11,558	GAS	4,793	1,020,000	4,889.0	18,627	4.40	3.89
BAYSIDE STATION TOTAL	1,854	640,848	48.0	98.5	54.4	7,612	GAS	4,793,033	1,020,000	4,888,894.0	18,626,652	2.91	3.89
B.B. IGNITION							LGT.OIL				0		
SYSTEM	4,690	1,863,000	55.2	94.1	66.4	8,441	-	-	-	15,735,164.0	57,977,964	3.11	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE

Footnotes:

⁽¹⁾ As burned fuel cost system total includes ignition.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Fuel units burned and fuel cost dollars to be reported in July 2018.

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 2018

(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	265	22.3	-	40.5	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,304	22.9	-	42.9	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	184	16.5	-	30.9	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	3,753	22.5	-	41.9	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	305	8,739	3.9	67.1	47.6	-	GAS	90,372	1,021,000	92,270.0	363,250	4.16	4.02
B.B.#1 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	305	8,739	3.9	67.1	47.6	10,558	-	-	-	92,270.0	363,250	4.16	-
B.B.#2 (GAS)	340	0	0.0	0.3	0.0	-	GAS	0	0	0.0	0	0.00	0.00
B.B.#2 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	0	0.0	0.3	0.0	0	-	-	-	0.0	0	0.00	-
B.B.#3 (GAS)	345	3,412	1.3	91.1	5.6	-	GAS	36,201	1,021,000	36,961.0	145,509	4.26	4.02
B.B.#3 (COAL)	395	244,036	83.0	91.3	123.1	-	COAL	111,078	23,396,610	2,598,848.6	8,301,767	3.40	74.74
BIG BEND #3 TOTAL	395	247,448	84.2	91.3	92.2	10,652	-	-	-	2,635,809.6	8,447,276	3.41	-
B.B.#4 (GAS)	185	9	0.0	85.4	0.5	-	GAS	104	1,021,000	106.0	417	4.63	4.02
B.B.#4 (COAL)	437	213,930	65.8	68.2	78.2	-	COAL	104,643	22,912,365	2,397,618.6	7,820,827	3.66	74.74
BIG BEND #4 TOTAL	437	213,939	65.8	68.2	77.0	11,208	-	-	-	2,397,724.6	7,821,244	3.66	-
B.B. IGNITION	-	-	-	-	-	-	GAS	17,599	1,021,000	17,969.0	70,741	-	4.02
BIG BEND 1-4 COAL TOTAL	1,477	457,966	74.0	79.2	81.1	10,910	COAL	215,721	23,161,710	4,996,467.2	16,122,594	3.52	74.74
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	56	901	2.2	82.8	101.3	11,966	GAS	10,559	1,021,000	10,781.0	42,443	4.71	4.02
BIG BEND CT #4 TOTAL	56	901	2.2	82.8	101.3	11,966	-	-	-	10,781.0	42,443	4.71	-
BIG BEND STATION TOTAL	1,533	471,027	41.3	59.4	83.3	10,905	-	-	-	5,136,585.2	16,744,954	3.55	-
POLK #1 GASIFIER	(3) 220	(2,677)	0.0	0.0	0.0	0	COAL	0	0	0.0	4,562	(0.17)	0.00
POLK #1 CT (GAS)	195	70,669	48.7	93.6	64.6	8,914	GAS	617,008	1,021,000	629,965.0	2,480,057	3.51	4.02
POLK #1 TOTAL	220	67,992	41.5	82.9	47.6	9,265	-	-	-	629,965.0	2,484,619	3.65	-
POLK #2 ST DUCT FIRING	120	9,987	11.2	-	90.7	8,400	GAS	82,165	1,021,000	83,890.0	330,259	3.31	4.02
POLK #2 ST W/O DUCT FIRING	341	163,768	64.6	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	173,755	50.7	78.8	63.1	-	GAS	-	-	83,890.0	330,259	0.19	-
POLK #2 CT (GAS)	150	69,976	62.7	93.1	92.5	11,126	GAS	762,525	1,021,000	778,538.0	3,064,962	4.38	4.02
POLK #2 CT (OIL)	159	0	0.0	93.1	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	69,976	62.7	93.1	92.5	11,126	-	-	-	778,538.0	3,064,962	4.38	-
POLK #3 CT (GAS)	150	75,336	67.5	93.8	94.7	10,900	GAS	804,288	1,021,000	821,178.0	3,232,828	4.29	4.02
POLK #3 CT (OIL)	159	0	0.00	93.8	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	75,336	67.5	93.8	94.7	10,900	-	-	-	821,178.0	3,232,828	4.29	-
POLK #4 (GAS)	150	73,944	66.3	98.6	94.6	10,811	GAS	782,939	1,021,000	799,381.0	3,147,017	4.26	4.02
POLK #5 (GAS)	150	80,532	72.2	98.9	95.7	10,797	GAS	851,582	1,021,000	869,465.0	3,422,925	4.25	4.02
POLK #2 CC TOTAL	1,061	473,543	60.0	88.6	68.0	7,080	GAS	-	-	3,352,452.0	13,197,991	2.79	-
POLK STATION TOTAL	1,281	541,535	56.8	87.6	64.5	7,354	-	-	-	3,982,417.0	15,682,610	2.90	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 2018

SCHEDULE A4
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(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	100,670	58.1	97.6	58.1	-		-	-	-	-	-	-
BAYSIDE CT1A	156	58,728	50.6	100.0	77.3	11,497	GAS	665,803	1,021,000	679,785.0	2,676,701	4.56	4.02
BAYSIDE CT1B	156	71,464	61.6	98.9	80.9	11,566	GAS	814,005	1,021,000	831,099.0	3,272,512	4.58	4.02
BAYSIDE CT1C	156	54,615	47.1	94.0	78.3	11,269	GAS	607,277	1,021,000	620,030.0	2,441,411	4.47	4.02
BAYSIDE UNIT 1 TOTAL	701	285,477	54.7	99.2	54.7	7,416	GAS	2,087,085	1,021,000	2,130,914.0	8,390,624	2.94	4.02
BAYSIDE ST 2	305	120,223	53.0	92.5	56.1	-		-	-	-	-	-	-
BAYSIDE CT2A	156	60,423	52.1	94.3	82.8	11,238	GAS	665,065	1,021,000	679,032.0	2,673,734	4.43	4.02
BAYSIDE CT2B	156	56,911	49.0	89.2	82.0	11,531	GAS	642,731	1,021,000	656,228.0	2,583,945	4.54	4.02
BAYSIDE CT2C	156	54,807	47.2	95.1	81.7	11,564	GAS	620,773	1,021,000	633,809.0	2,495,668	4.55	4.02
BAYSIDE CT2D	156	55,362	47.7	94.7	81.9	11,491	GAS	623,107	1,021,000	636,192.0	2,505,052	4.52	4.02
BAYSIDE UNIT 2 TOTAL	929	347,726	50.3	93.9	52.9	7,492	GAS	2,551,676	1,021,000	2,605,261.0	10,258,399	2.95	4.02
BAYSIDE UNIT 3 TOTAL	56	1,245	3.0	98.9	94.6	11,202	GAS	13,660	1,021,000	13,947.0	54,917	4.41	4.02
BAYSIDE UNIT 4 TOTAL	56	1,005	2.4	100.0	93.9	10,996	GAS	10,824	1,021,000	11,051.0	43,514	4.33	4.02
BAYSIDE UNIT 5 TOTAL	56	353	0.8	88.2	85.8	12,252	GAS	4,236	1,021,000	4,325.0	17,030	4.82	4.02
BAYSIDE UNIT 6 TOTAL	56	1,231	3.0	85.5	94.8	11,039	GAS	13,309	1,021,000	13,589.0	53,508	4.35	4.02
BAYSIDE STATION TOTAL	1,854	637,037	46.2	95.8	53.8	7,480	GAS	4,680,790	1,021,000	4,779,087.0	18,817,992	2.95	4.02
B.B. IGNITION							LGT.OIL				0		
SYSTEM	4,690	1,653,352	47.4	81.6	63.7	8,398	-	-	-	13,898,089.2	51,245,556	3.10	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE

Footnotes:

⁽¹⁾ As burned fuel cost system total includes ignition.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Station Service net generation and adjustment to as burned fuel cost for January 2018 through March 2018.

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 2018

SCHEDULE A4
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(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	401	34.8	-	63.9	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	4,348	31.2	-	62.6	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	227	21.0	-	41.6	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	4,976	30.8	-	61.3	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	185	0	0.0	77.8	0.0	-	GAS	0	0	0.0	0	0.00	0.00
B.B.#1 (COAL)	385	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	385	0	0.0	63.6	0.0	0	-	-	-	0.0	0	0.00	-
B.B.#2 (GAS)	185	48,780	36.6	37.6	97.3	-	GAS	489,745	1,021,000	500,030.0	1,879,312	3.85	3.84
B.B.#2 (COAL)	385	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	385	48,780	17.6	33.5	46.8	10,251	-	-	-	500,030.0	1,879,312	3.85	-
B.B.#3 (GAS)	185	12,204	9.2	75.1	24.8	-	GAS	131,922	1,021,000	134,693.0	506,230	4.15	3.84
B.B.#3 (COAL)	395	168,878	59.4	66.2	155.5	-	COAL	77,046	23,759,455	1,830,570.9	6,090,198	3.61	79.05
BIG BEND #3 TOTAL	395	181,082	63.7	66.2	84.8	10,853	-	-	-	1,965,263.9	6,596,428	3.64	-
B.B.#4 (GAS)	175	1,172	0.9	99.9	5.5	-	GAS	12,288	1,021,000	12,546.0	47,153	4.02	3.84
B.B.#4 (COAL)	(3) 437	259,359	82.4	87.7	99.2	-	COAL	114,907	23,902,067	2,746,516.6	9,082,968	3.50	79.05
BIG BEND #4 TOTAL	437	260,531	82.8	87.7	82.8	10,575	-	-	-	2,759,062.6	9,130,121	3.50	-
B.B. IGNITION	-	-	-	-	-	-	GAS	19,800	1,021,000	20,216.0	75,980	-	3.84
BIG BEND 1-4 COAL TOTAL	1,602	428,237	37.1	40.3	67.7	10,679	COAL	191,953	23,844,775	4,577,087.5	15,173,166	3.54	79.05
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	56	2,252	5.6	94.5	92.6	10,914	GAS	24,073	1,021,000	24,579.0	92,378	4.10	3.84
BIG BEND CT #4 TOTAL	56	2,252	5.6	94.5	92.6	10,914	-	-	-	24,579.0	92,378	4.10	-
BIG BEND STATION TOTAL	1,658	492,645	41.3	64.6	77.6	10,646	-	-	-	5,248,935.5	17,774,219	3.61	-
POLK #1 GASIFIER	(4) 220	(3,261)	0.0	0.0	0.0	0	COAL	0	0	0.0	(757)	0.02	0.00
POLK #1 CT (GAS)	195	63,722	45.4	82.1	71.9	8,677	GAS	541,524	1,021,000	552,896.0	2,078,003	3.26	3.84
POLK #1 TOTAL	220	60,461	38.2	72.8	60.5	9,145	-	-	-	552,896.0	2,077,246	3.44	-
POLK #2 ST DUCT FIRING	120	32,256	37.3	-	91.7	8,400	GAS	265,377	1,021,000	270,950.0	1,018,338	3.16	3.84
POLK #2 ST W/O DUCT FIRING	341	221,880	90.4	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	254,136	76.6	98.9	76.6	-	GAS	-	-	270,950.0	1,018,338	0.40	-
POLK #2 CT (GAS)	150	100,928	93.5	100.0	95.4	11,036	GAS	1,090,911	1,021,000	1,113,820.0	4,186,179	4.15	3.84
POLK #2 CT (OIL)	159	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	100,928	93.5	100.0	95.4	11,036	-	-	-	1,113,820.0	4,186,179	4.15	-
POLK #3 CT (GAS)	150	95,885	88.8	100.0	98.1	10,789	GAS	1,013,225	1,021,000	1,034,503.0	3,888,074	4.05	3.84
POLK #3 CT (OIL)	159	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	95,885	88.8	100.0	98.1	10,789	-	-	-	1,034,503.0	3,888,074	4.05	-
POLK #4 (GAS)	150	99,683	92.3	97.6	98.6	10,700	GAS	1,044,643	1,021,000	1,066,580.0	4,008,632	4.02	3.84
POLK #5 (GAS)	150	83,944	77.7	98.1	98.9	10,751	GAS	883,953	1,021,000	902,516.0	3,392,014	4.04	3.84
POLK #2 CC TOTAL	1,061	634,576	83.1	98.9	83.1	6,915	GAS	-	-	4,388,369.0	16,493,237	2.60	-
POLK STATION TOTAL	1,281	695,037	75.4	94.4	80.5	7,109	-	-	-	4,941,265.0	18,570,483	2.67	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 2018

SCHEDULE A4
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REVISED 12/12/18

(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	57,432	34.2	54.3	58.5	-		-	-	-	-	-	-
BAYSIDE CT1A	156	34,564	30.8	53.8	80.0	11,578	GAS	393,856	1,021,000	402,127.0	1,512,850	4.38	3.84
BAYSIDE CT1B	156	35,195	31.3	57.7	80.2	11,569	GAS	400,709	1,021,000	409,124.0	1,539,173	4.37	3.84
BAYSIDE CT1C	156	35,711	31.8	61.3	77.0	11,483	GAS	403,548	1,021,000	412,022.0	1,550,078	4.34	3.84
BAYSIDE UNIT 1 TOTAL	701	162,902	32.3	57.2	55.1	7,473	GAS	1,198,113	1,021,000	1,223,273.0	4,602,101	2.83	3.84
BAYSIDE ST 2	305	64,736	29.5	53.6	54.5	-		-	-	-	-	-	-
BAYSIDE CT2A	156	30,054	26.8	59.3	80.0	11,348	GAS	334,024	1,021,000	341,038.0	1,283,027	4.27	3.84
BAYSIDE CT2B	156	25,725	22.9	53.2	80.4	11,569	GAS	291,483	1,021,000	297,604.0	1,119,622	4.35	3.84
BAYSIDE CT2C	156	34,219	30.5	59.7	80.0	11,642	GAS	390,174	1,021,000	398,368.0	1,498,706	4.38	3.84
BAYSIDE CT2D	156	32,428	28.9	57.2	75.1	11,752	GAS	373,249	1,021,000	381,087.0	1,433,695	4.42	3.84
BAYSIDE UNIT 2 TOTAL	929	187,162	28.0	55.2	49.7	7,577	GAS	1,388,930	1,021,000	1,418,097.0	5,335,050	2.85	3.84
BAYSIDE UNIT 3 TOTAL	56	2,736	6.8	77.7	97.8	10,931	GAS	29,293	1,021,000	29,908.0	112,517	4.11	3.84
BAYSIDE UNIT 4 TOTAL	56	2,015	5.0	77.5	97.7	11,031	GAS	21,770	1,021,000	22,227.0	83,621	4.15	3.84
BAYSIDE UNIT 5 TOTAL	56	1,422	3.5	93.0	95.2	11,275	GAS	15,703	1,021,000	16,033.0	60,318	4.24	3.84
BAYSIDE UNIT 6 TOTAL	56	352	0.9	70.8	75.4	10,330	GAS	3,561	1,021,000	3,636.0	13,679	3.89	3.84
BAYSIDE STATION TOTAL	1,854	356,589	26.7	58.9	52.5	7,592	GAS	2,657,370	1,021,000	2,713,174.0	10,207,286	2.86	3.84
B.B. IGNITION							LGT.OIL				0		
SYSTEM	4,815	1,549,247	44.7	70.4	70.9	8,322	-	-	-	12,903,374.5	46,551,988	3.00	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE

Footnotes:

- ⁽¹⁾ As burned fuel cost system total includes ignition.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Includes March 2018 adjustment to BB#4 coal of 169 tons burned, \$12,691.58 to as burned fuel cost and 4,041.2 to mmbtu's.
⁽⁴⁾ Station Service net generation and adjustment to as burned fuel cost for December 2017 through March 2018.

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: March 2018

SCHEDULE A4
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(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	320	26.9	-	54.5	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	4,029	28.0	-	56.7	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	236	21.2	-	42.9	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	4,585	27.5	-	55.6	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	(3) 185	6,948	5.1	98.0	79.9	-	GAS	104,955	1,023,000	107,369.0	402,383	5.79	3.83
B.B.#1 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	395	6,948	2.4	78.1	37.2	12,297	-	-	-	107,369.0	402,383	5.79	-
B.B.#2 (GAS)	(3) 185	105,001	76.4	100.0	76.4	-	GAS	1,243,387	1,023,000	1,271,985.0	4,572,255	4.35	3.68
B.B.#2 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	395	105,001	35.8	80.1	35.8	11,391	-	-	-	1,271,985.0	4,572,255	4.35	-
B.B.#3 (GAS)	(3) 185	7,564	5.5	51.8	10.6	-	GAS	97,083	1,023,000	99,316.0	358,599	4.74	3.69
B.B.#3 (COAL)	(3) 400	83,204	28.0	30.7	0.0	-	COAL	40,811	24,097,665	971,371.3	3,350,625	4.03	82.10
BIG BEND #3 TOTAL	400	90,768	30.5	30.7	59.0	11,943	-	-	-	1,070,687.3	3,709,224	4.09	-
B.B.#4 (GAS)	(3) 175	1,181	0.9	8.0	11.4	-	GAS	(90,862)	1,023,000	(92,952.0)	(440,936)	(37.34)	4.85
B.B.#4 (COAL)	(3) 442	14,667	4.5	8.0	0.0	-	COAL	8,632	23,912,000	205,938.9	708,696	4.83	82.10
BIG BEND #4 TOTAL	442	15,848	4.8	8.0	60.5	10,330	-	-	-	112,986.9	267,760	1.69	-
B.B. IGNITION	(3) -	-	-	-	-	-	GAS	10,283	1,023,000	10,519.0	37,138	-	3.61
BIG BEND 1-4 COAL TOTAL	1,632	97,871	8.1	9.7	19.9	11,684	COAL	49,443	24,072,926	1,177,310.2	4,059,321	4.15	82.10
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	(3) 61	1,085	2.4	91.0	82.2	12,686	GAS	13,455	1,023,000	13,764.0	48,594	4.48	3.61
BIG BEND CT #4 TOTAL	61	1,085	2.4	91.0	82.2	12,686	-	-	-	13,764.0	48,594	4.48	-
BIG BEND STATION TOTAL	1,693	219,650	17.5	49.5	44.5	11,578	-	-	-	2,576,792.2	9,037,354	4.11	-
POLK #1 GASIFIER	220	31,464	19.2	49.1	84.3	12,302	COAL	13,738	28,175,066	387,059.5	1,355,222	4.31	98.65
POLK #1 CT (GAS)	(3) 205	38,106	25.0	52.4	49.8	8,312	GAS	309,604	1,023,000	316,725.0	1,118,203	2.93	3.61
POLK #1 TOTAL	220	69,570	42.6	49.1	82.3	10,116	-	-	-	703,784.5	2,473,425	3.56	-
POLK #2 ST DUCT FIRING	(3) 120	39,639	44.5	-	92.7	8,400	GAS	325,479	1,023,000	332,965.0	1,175,538	2.97	3.61
POLK #2 ST W/O DUCT FIRING	360	250,902	93.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	290,541	81.5	96.2	81.5	-	GAS	-	-	332,965.0	1,175,538	0.40	-
POLK #2 CT (GAS)	(3) 180	107,527	80.4	100.0	83.4	10,929	GAS	1,148,731	1,023,000	1,175,152.0	4,148,893	3.86	3.61
POLK #2 CT (OIL)	187	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	180	107,527	80.4	100.0	83.4	10,929	-	-	-	1,175,152.0	4,148,893	3.86	-
POLK #3 CT (GAS)	(3) 180	107,626	80.5	95.5	85.3	10,659	GAS	1,121,415	1,023,000	1,147,208.0	4,050,236	3.76	3.61
POLK #3 CT (OIL)	187	0	0.00	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	180	107,626	80.5	95.5	85.3	10,659	-	-	-	1,147,208.0	4,050,236	3.76	-
POLK #4 (GAS)	(3) 180	108,053	80.8	95.0	86.3	10,606	GAS	1,120,292	1,023,000	1,146,059.0	4,046,180	3.74	3.61
POLK #5 (GAS)	(3) 180	115,234	86.2	100.0	86.2	10,640	GAS	1,198,571	1,023,000	1,226,138.0	4,328,900	3.76	3.61
POLK #2 CC TOTAL	1,200	728,981	81.8	97.1	81.8	6,897	GAS	-	-	5,027,522.0	17,749,747	2.43	-
POLK STATION TOTAL	1,420	798,551	75.7	89.6	81.8	7,177	-	-	-	5,731,306.5	20,223,172	2.53	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: March 2018

SCHEDULE A4
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(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	109,942	60.9	95.5	61.6	-		-	-	-	-	-	-
BAYSIDE CT1A	183	64,852	47.7	92.5	67.2	11,999	GAS	762,057	1,023,000	779,584.0	2,754,047	4.25	3.61
BAYSIDE CT1B	183	59,536	43.8	97.2	66.8	11,731	GAS	684,068	1,023,000	699,802.0	2,472,197	4.15	3.61
BAYSIDE CT1C	183	74,380	54.7	100.0	67.9	11,408	GAS	830,802	1,023,000	849,910.0	3,002,488	4.04	3.61
BAYSIDE UNIT 1 TOTAL	⁽³⁾ 792	308,710	52.5	97.8	52.5	7,532	GAS	2,276,927	1,023,000	2,329,296.0	8,228,732	2.67	3.61
BAYSIDE ST 2	⁽⁴⁾ 315	(3,411)	0.0	0.0	0.0	-		-	-	-	-	-	-
BAYSIDE CT2A	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT2B	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT2C	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT2D	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
BAYSIDE UNIT 2 TOTAL	^{(3),(4)} 1,047	(3,411)	0.0	0.0	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
BAYSIDE UNIT 3 TOTAL	⁽³⁾ 61	1,900	4.2	100.0	83.1	11,260	GAS	20,913	1,023,000	21,394.0	75,579	3.98	3.61
BAYSIDE UNIT 4 TOTAL	⁽³⁾ 61	3,077	6.8	100.0	93.3	10,858	GAS	32,658	1,023,000	33,409.0	118,024	3.84	3.61
BAYSIDE UNIT 5 TOTAL	61	768	1.7	97.4	69.3	11,980	GAS	8,994	1,023,000	9,201.0	32,504	4.23	3.61
BAYSIDE UNIT 6 TOTAL	61	152	0.3	46.9	43.7	11,658	GAS	1,732	1,023,000	1,772.0	6,260	4.12	3.61
BAYSIDE STATION TOTAL	2,083	311,196	20.1	47.3	52.3	7,683	GAS	2,341,224	1,023,000	2,395,072.0	8,461,098	2.72	3.61
B.B. IGNITION							LGT.OIL				0		
SYSTEM	5,218	1,333,982	34.4	59.6	64.3	7,995	-	-	-	10,703,170.7	37,721,624	2.83	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE

NG = NATURAL GAS
ST = STEAM

Footnotes:

- ⁽¹⁾ As burned fuel cost system total includes ignition.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Includes January & February 2018 adjustments to fuel units burned, as burned fuel cost & mmbtu's for Big Bend, Polk, & Bayside. Details on Schedule A5 page 2.
⁽⁴⁾ Station Service Net Generation

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: February 2018

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(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	235	21.9	-	48.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	2,845	21.9	-	48.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	174	17.3	-	38.4	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	3,254	21.6	-	47.8	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	(4) 185	93,408	75.1	82.7	116.3	-	GAS	988,185	1,023,000	1,010,913.0	4,253,565	4.55	4.30
B.B.#1 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	395	93,408	35.2	64.0	54.5	10,831	-	-	-	1,010,913.0	4,253,565	4.55	-
B.B.#2 (GAS)	(4) 185	94,369	75.9	87.2	92.9	-	GAS	983,523	1,023,000	1,006,144.0	4,227,828	4.48	4.30
B.B.#2 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	395	94,369	35.6	66.6	43.5	10,670	-	-	-	1,006,144.0	4,227,828	4.48	-
B.B.#3 (GAS)	(4) 185	12,297	9.9	61.6	17.0	-	GAS	140,518	1,023,000	143,750.0	603,376	4.91	4.29
B.B.#3 (COAL)	400	73,548	27.4	35.3	0.0	-	COAL	35,276	23,918,789	843,760.0	3,780,461	5.14	107.17
BIG BEND #3 TOTAL	400	85,845	31.9	35.3	55.0	11,504	-	-	-	987,510.0	4,383,837	5.11	-
B.B.#4 (GAS)	(4) 175	6,393	5.4	30.5	52.9	-	GAS	62,501	1,023,000	63,939.0	269,967	4.22	4.32
B.B.#4 (COAL)	442	7,077	2.4	13.1	0.0	-	COAL	0	23,722,000	0.0	0	0.00	0.00
BIG BEND #4 TOTAL	442	13,470	4.5	13.1	44.2	9,626	-	-	-	63,939.0	269,967	2.00	-
B.B. IGNITION	(3) -	-	-	-	-	-	GAS	36,700	1,023,000	37,544.0	158,082	-	4.31
BIG BEND 1-4 COAL TOTAL	1,632	80,625	7.4	12.2	14.0	11,300	COAL	35,276	23,904,130	843,760.0	3,780,461	4.69	107.17
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	(4) 61	2,663	6.5	99.5	68.1	10,534	GAS	27,421	1,023,000	28,052.0	118,312	4.44	4.31
BIG BEND CT #4 TOTAL	61	2,663	6.5	99.5	68.1	10,534	-	-	-	28,052.0	118,312	4.44	-
BIG BEND STATION TOTAL	1,693	289,755	25.5	45.8	50.1	10,919	-	-	-	3,096,558.0	13,411,591	4.63	-
POLK #1 GASIFIER	(3) 220	136,260	92.2	97.1	93.4	10,597	COAL	51,175	28,214,631	1,443,886.0	4,294,832	3.15	83.92
POLK #1 CT (GAS)	(4) 205	16,627	12.1	91.0	16.6	6,967	GAS	113,241	1,023,000	115,846.0	498,903	3.00	4.41
POLK #1 TOTAL	220	152,887	103.4	97.1	103.9	10,202	-	-	-	1,559,732.0	4,793,735	3.14	-
POLK #2 ST DUCT FIRING	(4) 120	27,009	33.5	-	92.0	8,400	GAS	221,773	1,023,000	226,874.0	958,289	3.55	4.32
POLK #2 ST W/O DUCT FIRING	360	186,573	77.1	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	213,582	66.2	87.7	66.2	-	GAS	-	-	226,874.0	958,289	0.45	-
POLK #2 CT (GAS)	(4) 180	68,660	56.8	82.7	79.3	11,053	GAS	741,844	1,023,000	758,906.0	3,219,318	4.69	4.34
POLK #2 CT (OIL)	187	0	0.0	82.7	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	180	68,660	56.8	82.7	79.3	11,053	-	-	-	758,906.0	3,219,318	4.69	-
POLK #3 CT (GAS)	(4) 180	91,590	75.7	100.0	83.6	10,611	GAS	949,997	1,023,000	971,847.0	4,112,438	4.49	4.33
POLK #3 CT (OIL)	187	0	0.00	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	180	91,590	75.7	100.0	83.6	10,611	-	-	-	971,847.0	4,112,438	4.49	-
POLK #4 (GAS)	(4) 180	85,555	70.7	89.4	83.8	10,641	GAS	889,886	1,023,000	910,353.0	3,853,402	4.50	4.33
POLK #5 (GAS)	(4) 180	78,746	65.1	81.0	84.3	10,690	GAS	822,864	1,023,000	841,790.0	3,562,038	4.52	4.33
POLK #2 CC TOTAL	1,200	538,133	66.7	88.1	66.7	6,894	GAS	-	-	3,709,770.0	15,705,485	2.92	-
POLK STATION TOTAL	1,420	691,020	72.4	89.5	72.5	7,626	-	-	-	5,269,502.0	20,499,220	2.97	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: February 2018

SCHEDULE A4
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(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	119,771	73.3	99.0	73.3	-		-	-	-	-	-	-
BAYSIDE CT1A	183	77,605	63.1	98.5	67.7	11,635	GAS	860,136	1,023,000	879,954.0	3,725,975	4.80	4.33
BAYSIDE CT1B	183	70,730	57.5	100.0	68.0	11,587	GAS	785,604	1,023,000	803,698.0	3,403,114	4.81	4.33
BAYSIDE CT1C	183	64,742	52.6	98.5	68.9	11,266	GAS	695,891	1,023,000	711,925.0	3,014,492	4.66	4.33
BAYSIDE UNIT 1 TOTAL	⁽⁴⁾ 792	332,848	62.5	99.7	62.5	7,366	GAS	2,341,631	1,023,000	2,395,577.0	10,143,581	3.05	4.33
BAYSIDE ST 2	⁽⁵⁾ 315	(3,128)	0.0	0.0	0.0	-		-	-	-	-	-	-
BAYSIDE CT2A	183	0	0.0	0.0	0.0	0	GAS	(6,599)	0	(6,744.0)	3,131	0.00	(0.47)
BAYSIDE CT2B	183	0	0.0	0.0	0.0	0	GAS	(8,890)	0	(9,086.0)	4,218	0.00	(0.47)
BAYSIDE CT2C	183	0	0.0	0.0	0.0	0	GAS	1,200	0	1,225.0	(569)	0.00	(0.47)
BAYSIDE CT2D	183	0	0.0	0.0	0.0	0	GAS	5,560	0	5,677.0	(2,638)	0.00	(0.47)
BAYSIDE UNIT 2 TOTAL	^{(4),(5)} 1,047	(3,128)	0.0	0.0	0.0	0	GAS	(8,729)	0	(8,928.0)	4,142	(0.13)	(0.47)
BAYSIDE UNIT 3 TOTAL	⁽⁴⁾ 61	2,343	5.7	100.0	85.7	11,240	GAS	25,167	1,023,000	25,747.0	108,550	4.63	4.31
BAYSIDE UNIT 4 TOTAL	⁽⁴⁾ 61	4,155	10.1	99.9	87.4	10,917	GAS	44,124	1,023,000	45,139.0	189,983	4.57	4.31
BAYSIDE UNIT 5 TOTAL	⁽⁴⁾ 61	1,030	2.5	100.0	81.1	11,609	GAS	11,319	1,023,000	11,580.0	48,867	4.74	4.32
BAYSIDE UNIT 6 TOTAL	⁽⁴⁾ 61	184	0.4	47.5	42.8	11,674	GAS	1,892	1,023,000	1,936.0	8,384	4.56	4.43
BAYSIDE STATION TOTAL	2,083	337,432	24.1	48.1	62.3	7,521	GAS	2,415,404	1,023,000	2,471,051.0	10,503,507	3.11	4.35
B.B. IGNITION							LGT.OIL				0		
SYSTEM	5,218	1,321,461	37.7	58.6	63.5	8,302	-	-	-	10,837,111.0	44,414,318	3.36	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE

NG = NATURAL GAS
ST = STEAM

Footnotes:

- ⁽¹⁾ As burned fuel cost system total includes ignition.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Includes October & November 2017 adj to Polk & Big Bend ignition of \$157 and \$495 respectively.
⁽⁴⁾ Includes October & November 2017 adj to fuel units burned & mmbtu's for Bayside 1 thru 6 and as burned fuel cost for gas at Big Bend, Polk, & Bayside. Details on Schedule A5 page 2.
⁽⁵⁾ Station Service Net Generation