EXHIBIT TO THE TESTIMONY OF

PENELOPE A. RUSK

DOCUMENT NO. 1

FUEL AND PURCHASED POWER COST RECOVERY

ACTUAL / ESTIMATED

JANUARY 2017 THROUGH DECEMBER 2017

TAMPA ELECTRIC COMPANY

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TAMPA ELECTRIC COMPANY
CALCULATION OF ESTIMATED TRUE-UP
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2017 THROUGH DECEMBER 2017

SCHEDULE E1-B

		ACTUAL						ESTIMATED						
		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL
A. 1.	Fuel Cost of System Net Generation	48,946,478	41,298,238	42,238,155	47,975,537	61,230,812	60,238,971	63,700,397	63,508,898	59,476,902	53,270,442	41,581,479	46,568,756	630,035,065
2.	Fuel Cost of Power Sold (1)	411,363	215,654	319,704	1,749,863	2,248,081	712,871	69,625	63,478	61,510	67,068	38,201	53,118	6,010,536
3.	Fuel Cost of Purchased Power	336,404	223,553	310,992	540,996	596,173	297,659	339,860	409,980	361,190	332,570	26,600	78,060	3,854,037
3a.	Demand and Non-Fuel Cost of Purchased Pwr	0	0	0	0	0	0	0	0	0	0	0	0	0
3b.	Payments to Qualifying Facilities	411,498	344,155	353,346	256,595	217,582	130,631	216,170	259,150	182,810	235,200	217,090	167,710	2,991,937
4.	Energy Cost of Economy Purchases	47,060	704,507	528,563	853,425	1,849,174	295,172	1,024,890	1,131,250	1,012,690	994,400	573,370	804,220	9,818,721
5.	Adj. Big Bend Units 1-4 Igniters Conversion Project	452,629	450,036	447,445	444,855	442,263	439,673	435,871	433,315	430,761	428,203	425,647	423,093	5,253,791
5a.	Adj. Polk 1 conversion depreciation & ROI	304,255	302,253	300,250	298,249	296,247	294,245	291,931	289,956	287,981	286,006	284,033	282,058	3,517,464
5b.	Adj. Polk Warm Gas Cleanup	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	**TOTAL FUEL & NET POWER TRANS.**	**50,086,961**	**43,107,088**	**43,859,047**	**48,619,794**	**62,384,170**	**60,983,480**	**65,939,494**	**65,969,071**	**61,690,824**	**55,479,753**	**43,070,018**	**48,270,779**	**649,460,479**
(1)	Includes Gains													
B. 1.	Jurisdictional MWH Sales	1,475,365	1,295,325	1,311,129	1,432,554	1,667,779	1,750,258	1,899,862	1,883,474	1,974,571	1,723,692	1,416,894	1,389,836	19,220,739
2.	Non-Jurisdictional MWH Sales	0	0	34	672	760	226	3,450	3,270	2,140	540	0	240	11,332
3.	**TOTAL SALES (LINE B1+B2)**	**1,475,365**	**1,295,325**	**1,311,163**	**1,433,226**	**1,668,539**	**1,750,484**	**1,903,312**	**1,886,744**	**1,976,711**	**1,724,232**	**1,416,894**	**1,390,076**	**19,232,071**
4.	**Jurisdictional % of Total Sales**	**1.0000000**	**1.0000000**	**0.9999695**	**0.9994472**	**0.9994922**	**0.9998635**	**0.9984445**	**0.9984480**	**0.9988545**	**0.9998254**	**1.0000000**	**0.9998203**	**-**
C. 1.	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	42,894,304	37,311,034	37,761,081	41,575,874	49,054,310	51,987,732	56,917,672	56,386,963	59,184,312	50,958,531	41,181,642	40,288,327	565,501,782
1a.	Adjustment to Fuel Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
2.	True-up Provision	10,219,983	10,219,983	10,219,983	10,219,983	10,219,983	10,219,983	10,219,983	10,219,983	10,219,983	10,219,983	10,219,983	10,219,983	122,639,796
2a.	Incentive Provision	(80,799)	(80,799)	(80,799)	(80,799)	(80,799)	(80,799)	(80,799)	(80,799)	(80,799)	(80,799)	(80,799)	(80,804)	(969,593)
3.	**FUEL REVENUE APPLICABLE TO PERIOD**	**53,033,488**	**47,450,218**	**47,900,265**	**51,715,058**	**59,193,494**	**62,126,916**	**67,056,856**	**66,526,147**	**69,323,496**	**61,097,715**	**51,320,826**	**50,427,506**	**687,171,985**
4.	Total Fuel and Net Power Transactions (Line A6)	50,086,961	43,107,088	43,859,047	48,619,794	62,384,170	60,983,480	65,939,494	65,969,071	61,690,824	55,479,753	43,070,018	48,270,779	649,460,479
5.	Jurisd. Total Fuel and Net Power Transactions (Line A6*Line B4)	50,086,961	43,107,088	43,857,710	48,592,916	62,352,491	60,975,154	65,836,925	65,866,687	61,620,157	55,470,066	43,070,018	48,262,105	649,098,278
5a.	Jurisdictional Loss Multiplier	1.00000	1.00000	1.00018	1.00018	1.00002	1.00002	1.00002	1.00002	1.00002	1.00002	1.00000	1.00002	-
5b.	Jurisdictional Sales Adjusted for Line Losses	50,086,961	43,107,088	43,865,604	48,601,663	62,353,738	60,976,374	65,838,242	65,868,004	61,621,389	55,471,175	43,070,018	48,263,070	649,123,326
5c.	Adjustment - Jurisdictional Loss Multiplier	(9,625)	(16)	0	0	(14,792)	0	0	0	0	0	0	0	(24,433)
6.	**JURISD. TOTAL FUEL AND NET POWER TRANSACTIONS**	**50,077,336**	**43,107,072**	**43,865,604**	**48,601,663**	**62,338,946**	**60,976,374**	**65,838,242**	**65,868,004**	**61,621,389**	**55,471,175**	**43,070,018**	**48,263,070**	**649,098,893**
7.	Over/(Under) Recovery	2,956,152	4,343,147	4,034,661	3,113,395	(3,145,452)	1,150,542	1,218,614	658,143	7,702,107	5,626,540	8,250,808	2,164,436	38,073,093
7a.	Adjustment-2016 Reedy Creek True Up (Incl Interest)	0	0	4,105	0	0	0	0	0	0	0	0	0	4,105
8.	Interest Provision	59,436	52,737	56,065	58,771	51,138	48,465	50,432	46,948	42,977	41,598	36,997	29,932	575,496
9.	**TOTAL ESTIMATED TRUE-UP FOR THE PERIOD**													**38,652,694**

TAMPA ELECTRIC COMPANY
FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2017 THROUGH DECEMBER 2017

SCHEDULE E2

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
		Actual						Estimated						TOTAL
		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	PERIOD
1.	Fuel Cost of System Net Generation	48,946,478	41,298,238	42,238,155	47,975,537	61,230,812	60,238,971	63,700,397	63,508,898	59,476,902	53,270,442	41,581,479	46,568,756	630,035,065
2.	Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3.	Fuel Cost of Power Sold (1)	411,363	215,654	319,704	1,749,863	2,248,081	712,871	69,625	63,478	61,510	67,068	38,201	53,118	6,010,536
4.	Fuel Cost of Purchased Power	336,404	223,553	310,992	540,996	596,173	297,659	339,860	409,980	361,190	332,570	26,600	78,060	3,854,037
5.	Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Payments to Qualifying Facilities	411,498	344,155	353,346	256,595	217,582	130,631	216,170	259,150	182,810	235,200	217,090	167,710	2,991,937
7.	Energy Cost of Economy Purchases	47,060	704,507	528,563	853,425	1,849,174	295,172	1,024,890	1,131,250	1,012,690	994,400	573,370	804,220	9,818,721
8.	Adj. Big Bend Units 1-4 Igniters Conversion Project	452,629	450,036	447,445	444,855	442,263	439,673	435,871	433,315	430,761	428,203	425,647	423,093	5,253,791
9.	Adj. Polk 1 conversion depreciation & ROI	304,255	302,253	300,250	298,249	296,247	294,245	291,931	289,956	287,981	286,006	284,033	282,058	3,517,464
10.	Adj. Polk Warm Gas Cleanup	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	**TOTAL FUEL & NET POWER TRANSACTIONS**	**50,086,961**	**43,107,088**	**43,859,047**	**48,619,794**	**62,384,170**	**60,983,480**	**65,939,494**	**65,969,071**	**61,690,824**	**55,479,753**	**43,070,018**	**48,270,779**	**649,460,479**
12.	Jurisdictional MWH Sold	1,475,365	1,295,325	1,311,129	1,432,554	1,667,779	1,750,258	1,899,862	1,883,474	1,974,571	1,723,692	1,416,894	1,389,836	19,220,739
13.	Jurisdictional % of Total Sales	1.0000000	1.0000000	0.9999695	0.9994472	0.9994922	0.9998635	0.9984445	0.9984480	0.9988545	0.9998254	1.0000000	0.9998203	-
14.	Jurisdictional Total Fuel & Net Power Transactions (Line 11 * Line 13)	50,086,961	43,107,088	43,857,710	48,592,916	62,352,491	60,975,154	65,836,925	65,866,687	61,620,157	55,470,066	43,070,018	48,262,105	649,098,278
15.	Jurisdictional Loss Multiplier	1.00000	1.00000	1.00018	1.00018	1.00002	1.00002	1.00002	1.00002	1.00002	1.00002	1.00000	1.00002	-
16.	Jurisdictional Sales Adjusted for Line Losses (Line 14 * Line 15)	50,086,961	43,107,088	43,865,604	48,601,663	62,353,738	60,976,374	65,838,242	65,868,004	61,621,389	55,471,175	43,070,018	48,263,070	649,123,326
17.	Other	(9,625)	(16)	4,105	0	(14,792)	0	0	0	0	0	0	0	(20,328)
18.	**JURISD. TOTAL FUEL & NET PWR. TRANS. (LINE 16+17)**	**50,077,336**	**43,107,072**	**43,869,709**	**48,601,663**	**62,338,946**	**60,976,374**	**65,838,242**	**65,868,004**	**61,621,389**	**55,471,175**	**43,070,018**	**48,263,070**	**649,102,998**
19.	Cost Per kWh Sold (Cents/kWh)	3.3942	3.3279	3.3459	3.3927	3.7378	3.4839	3.4654	3.4972	3.1207	3.2182	3.0397	3.4726	3.3771
20.	True-up (Cents/kWh) (2)	(0.6927)	(0.7890)	(0.7795)	(0.7134)	(0.6128)	(0.5839)	(0.5379)	(0.5426)	(0.5176)	(0.5929)	(0.7213)	(0.7353)	(0.6516)
21.	Total (Cents/kWh) (Line 19+20)	2.7015	2.5389	2.5664	2.6793	3.1250	2.9000	2.9275	2.9546	2.6031	2.6253	2.3184	2.7373	2.7255
22.	Revenue Tax Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
23.	Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	2.7034	2.5407	2.5682	2.6812	3.1273	2.9021	2.9296	2.9567	2.6050	2.6272	2.3201	2.7393	2.7275
24.	GPIF Adjusted for Taxes (Cents/kWh) (2)	0.0055	0.0062	0.0062	0.0056	0.0048	0.0046	0.0043	0.0043	0.0041	0.0047	0.0057	0.0058	0.0052
25.	**TOTAL RECOVERY FACTOR (LINE 23+24)**	**2.7089**	**2.5469**	**2.5744**	**2.6868**	**3.1321**	**2.9067**	**2.9339**	**2.9610**	**2.6091**	**2.6319**	**2.3258**	**2.7451**	**2.7327**
26.	**RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH**	**2.709**	**2.547**	**2.574**	**2.687**	**3.132**	**2.907**	**2.934**	**2.961**	**2.609**	**2.632**	**2.326**	**2.745**	**2.733**

(1) Includes Gains
(2) Based on Jurisdictional Sales Only

TAMPA ELECTRIC COMPANY
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ACTUAL FOR THE PERIOD: JANUARY 2017 THROUGH JUNE 2017

SCHEDULE E3

	ACTUAL					
	Jan-17	**Feb-17**	**Mar-17**	**Apr-17**	**May-17**	**Jun-17**
FUEL COST OF SYSTEM NET GENERATION ($)						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	0	0	0	0	0	0
3. COAL	24,095,967	20,973,102	14,101,595	16,987,481	20,507,333	25,587,875
4. NATURAL GAS	24,850,511	20,325,136	28,136,560	30,988,056	40,723,479	34,651,096
5. NUCLEAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL ($)	**48,946,478**	**41,298,238**	**42,238,155**	**47,975,537**	**61,230,812**	**60,238,971**
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	0	0	0	0	0	0
10. COAL	782,020	679,495	441,331	556,696	625,496	729,245
11. NATURAL GAS	678,185	580,005	1,017,087	1,092,669	1,276,596	1,119,381
12. NUCLEAR	0	0	0	0	0	0
13. OTHER	490	3,162	4,879	5,169	5,580	3,681
14. TOTAL (MWH)	**1,460,695**	**1,262,662**	**1,463,297**	**1,654,534**	**1,907,672**	**1,852,307**
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	0	0	0	0	0	0
17. COAL (TON)	326,104	289,996	195,713	241,840	285,922	329,281
18. NATURAL GAS (MCF)	5,166,093	4,413,807	7,280,323	7,892,782	9,492,717	8,141,667
19. NUCLEAR (MMBTU)	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0
BTUS BURNED (MMBTU)						
21. HEAVY OIL	0	0	0	0	0	0
22. LIGHT OIL	0	0	0	0	0	0
23. COAL	8,303,384	7,252,300	4,739,430	5,811,428	6,840,273	7,977,130
24. NATURAL GAS	5,290,081	4,519,738	7,447,771	8,066,423	9,711,050	8,274,212
25. NUCLEAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
27. TOTAL (MMBTU)	**13,593,465**	**11,772,038**	**12,187,201**	**13,877,851**	**16,551,323**	**16,251,341**
GENERATION MIX (% MWH)						
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.00	0.00	0.00	0.00	0.00	0.00
30. COAL	53.54	53.81	30.16	33.65	32.79	39.37
31. NATURAL GAS	46.43	45.94	69.51	66.04	66.92	60.43
32. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00
33. OTHER	0.03	0.25	0.33	0.31	0.29	0.20
34. TOTAL (%)	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
FUEL COST PER UNIT						
35. HEAVY OIL ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
37. COAL ($/TON)	73.89	72.32	72.05	70.24	71.72	77.71
38. NATURAL GAS ($/MCF)	4.81	4.60	3.86	3.93	4.29	4.26
39. NUCLEAR ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU ($/MMBTU)						
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	0.00	0.00	0.00	0.00	0.00	0.00
43. COAL	2.90	2.89	2.98	2.92	3.00	3.21
44. NATURAL GAS	4.70	4.50	3.78	3.84	4.19	4.19
45. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL ($/MMBTU)	**3.60**	**3.51**	**3.47**	**3.46**	**3.70**	**3.71**
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	0	0	0	0	0	0
50. COAL	10,618	10,673	10,739	10,439	10,936	10,939
51. NATURAL GAS	7,800	7,793	7,323	7,382	7,607	7,392
52. NUCLEAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	**9,306**	**9,323**	**8,329**	**8,388**	**8,676**	**8,774**
GENERATED FUEL COST PER KWH (CENTS/KWH)						
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	0.00	0.00	0.00	0.00	0.00	0.00
57. COAL	3.08	3.09	3.20	3.05	3.28	3.51
58. NATURAL GAS	3.66	3.50	2.77	2.84	3.19	3.10
59. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	**3.35**	**3.27**	**2.89**	**2.90**	**3.21**	**3.25**

TAMPA ELECTRIC COMPANY
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE **SCHEDULE E3**
ESTIMATED FOR THE PERIOD: JULY 2017 THROUGH DECEMBER 2017

	Estimated						
	Jul-17	**Aug-17**	**Sep-17**	**Oct-17**	**Nov-17**	**Dec-17**	**TOTAL**
FUEL COST OF SYSTEM NET GENERATION ($)							
1. HEAVY OIL	0	0	0	0	0	0	0
2. LIGHT OIL	63,742	50,993	53,543	66,291	40,795	66,291	341,655
3. COAL	17,927,333	16,865,628	12,365,034	14,639,751	10,315,097	14,237,654	208,603,850
4. NATURAL GAS	45,709,322	46,592,277	47,058,325	38,564,400	31,225,587	32,264,811	421,089,560
5. NUCLEAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL ($)	**63,700,397**	**63,508,898**	**59,476,902**	**53,270,442**	**41,581,479**	**46,568,756**	**630,035,065**
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	280	220	220	280	180	280	1,460
10. COAL	561,040	560,070	433,290	513,380	376,780	502,610	6,761,453
11. NATURAL GAS	1,423,260	1,446,460	1,464,780	1,153,260	964,280	948,860	13,164,823
12. NUCLEAR	0	0	0	0	0	0	0
13. OTHER	4,450	4,290	3,560	3,680	3,130	2,800	44,871
14. TOTAL (MWH)	**1,989,030**	**2,011,040**	**1,901,850**	**1,670,600**	**1,344,370**	**1,454,550**	**19,972,607**
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	500	400	420	520	320	520	2,680
17. COAL (TON)	240,350	239,990	193,480	220,690	157,700	213,450	2,934,516
18. NATURAL GAS (MCF)	10,179,170	10,325,820	10,501,910	8,393,880	6,744,210	6,775,230	95,307,609
19. NUCLEAR (MMBTU)	0	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
21. HEAVY OIL	0	0	0	0	0	0	0
22. LIGHT OIL	2,940	2,360	2,440	2,960	1,820	2,960	15,480
23. COAL	5,788,030	5,782,640	4,486,370	5,306,360	3,878,990	5,169,500	71,335,834
24. NATURAL GAS	10,446,140	10,590,420	10,771,020	8,585,770	6,920,590	6,929,750	97,552,965
25. NUCLEAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	**16,237,110**	**16,375,420**	**15,259,830**	**13,895,090**	**10,801,400**	**12,102,210**	**168,904,278**
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.01	0.01	0.01	0.02	0.01	0.02	0.01
30. COAL	28.21	27.85	22.78	30.73	28.03	34.56	33.86
31. NATURAL GAS	71.56	71.93	77.02	69.03	71.73	65.23	65.91
32. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33. OTHER	0.22	0.21	0.19	0.22	0.23	0.19	0.22
34. TOTAL (%)	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
FUEL COST PER UNIT							
35. HEAVY OIL ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL ($/BBL)	127.48	127.48	127.48	127.48	127.48	127.48	127.48
37. COAL ($/TON)	74.59	70.28	63.91	66.34	65.41	66.70	71.09
38. NATURAL GAS ($/MCF)	4.49	4.51	4.48	4.59	4.63	4.76	4.42
39. NUCLEAR ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU ($/MMBTU)							
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	21.68	21.61	21.94	22.40	22.41	22.40	22.07
43. COAL	3.10	2.92	2.76	2.76	2.66	2.75	2.92
44. NATURAL GAS	4.38	4.40	4.37	4.49	4.51	4.66	4.32
45. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL ($/MMBTU)	**3.92**	**3.88**	**3.90**	**3.83**	**3.85**	**3.85**	**3.73**
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	10,500	10,727	11,091	10,571	10,111	10,571	10,603
50. COAL	10,317	10,325	10,354	10,336	10,295	10,285	10,550
51. NATURAL GAS	7,340	7,322	7,353	7,445	7,177	7,303	7,410
52. NUCLEAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	**8,163**	**8,143**	**8,024**	**8,317**	**8,035**	**8,320**	**8,457**
GENERATED FUEL COST PER KWH (CENTS/KWH)							
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	22.77	23.18	24.34	23.68	22.66	23.68	23.40
57. COAL	3.20	3.01	2.85	2.85	2.74	2.83	3.09
58. NATURAL GAS	3.21	3.22	3.21	3.34	3.24	3.40	3.20
59. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	**3.20**	**3.16**	**3.13**	**3.19**	**3.09**	**3.20**	**3.15**

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: January 2017

SCHEDULE A4
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REVISED 5/10/17

(A) PLANT/UNIT	(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	199	16.7	-	40.1	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	18.0	133	1.0	-	16.4	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	158	14.2	-	32.3	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	**21.1**	**490**	**3.1**	-	**27.3**	-	**SOLAR**	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	141	4,486	4.3	99.1	28.4	-	NG CO-FIRE	47,849	1,024,000	48,997.0	230,092	5.13	4.81
B.B.#1 COAL	395	197,984	67.4	99.1	67.8	-	COAL	84,915	25,030,364	2,125,453.4	6,441,358	3.25	75.86
BIG BEND #1 TOTAL	**395**	**202,470**	**68.9**	**99.1**	**69.4**	**10,740**	-	-	-	**2,174,450.4**	**6,671,450**	**3.30**	-
B.B.#2 NAT GAS CO-FIRE	141	9,485	9.0	75.0	38.4	-	NG CO-FIRE	103,451	1,024,000	105,934.0	497,471	5.24	4.81
B.B.#2 COAL	395	160,665	54.7	75.0	69.8	-	COAL	70,377	25,046,990	1,762,732.0	5,338,556	3.32	75.86
BIG BEND #2 TOTAL	**395**	**170,150**	**57.9**	**75.0**	**73.9**	**10,982**	-	-	-	**1,868,666.0**	**5,836,027**	**3.43**	-
B.B.#3 NAT GAS CO-FIRE	141	1,629	1.6	74.7	10.8	-	NG CO-FIRE	16,923	1,024,000	17,329.0	81,378	5.00	4.81
B.B.#3 COAL	400	150,095	50.4	74.7	75.6	-	COAL	62,979	24,919,426	1,569,400.5	4,777,369	3.18	75.86
BIG BEND #3 TOTAL	**400**	**151,724**	**51.0**	**74.7**	**76.4**	**10,458**	-	-	-	**1,586,729.5**	**4,858,747**	**3.20**	-
B.B.#4 NAT GAS CO-FIRE	163	130	0.1	58.3	2.5	-	NG CO-FIRE	1,355	1,024,000	1,388.0	6,518	5.01	4.81
B.B.#4 COAL	442	134,892	41.0	58.3	68.8	-	COAL	56,823	24,998,208	1,420,448.2	4,310,396	3.20	75.86
BIG BEND #4 TOTAL	**442**	**135,022**	**41.1**	**58.3**	**68.9**	**10,530**	-	-	-	**1,421,836.2**	**4,316,914**	**3.20**	-
B.B. IGNITION	-	-	-	-	-	-	GAS	36,367	1,024,000	37,240.0	174,881	-	4.81
BIG BEND 1-4 COAL TOTAL	**1,632**	**643,636**	**53.0**	**76.3**	**70.2**	**10,686**	**COAL**	**275,094**	**25,002,578**	**6,878,034.1**	**20,867,679**	**3.24**	**75.86**
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)	61	303	0.7	99.1	78.8	14,766	GAS	4,369	1,024,000	4,474.0	21,010	6.93	4.81
BIG BEND CT #4 TOTAL	**61**	**303**	**0.7**	**99.1**	**78.8**	**14,766**	-	-	-	**4,474.0**	**21,010**	**6.93**	-
BIG BEND STATION TOTAL	**1,693**	**659,669**	**52.4**	**77.1**	**71.9**	**10,697**	-	-	-	**7,056,156.1**	**21,879,029**	**3.32**	-
POLK #1 GASIFIER	220	138,384	84.5	87.8	96.2	10,300	COAL	51,010	27,942,775	1,425,349.8	3,053,407	2.21	59.86
POLK #1 CT (GAS)	195	17,437	12.0	100.0	65.7	8,031	GAS	136,753	1,024,000	140,035.0	657,611	3.77	4.81
POLK #1 TOTAL	**220**	**155,821**	**95.2**	**100.0**	**95.2**	**10,046**	-	-	-	**1,565,384.8**	**3,711,018**	**2.38**	-
POLK #2 ST DUCT FIRING	120	46	0.1	-	3.8	191,935	GAS	8,622	1,024,000	8,829.0	41,461	90.13	4.81
POLK #2 ST W/O DUCT FIRING	343	99,380	38.9	-	-	-		-	-	-	-	-	-
POLK #2 ST TOTAL [3]	**463**	**99,426**	**28.9**	**100.0**	**32.7**	-	**GAS**	-	-	**8,829.0**	**41,461**	**0.04**	-
POLK #2 CT (GAS)	183	84,276	61.9	100.0	75.3	11,367	GAS	935,550	1,024,000	958,003.0	4,498,825	5.34	4.81
POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	**183**	**84,276**	**61.9**	**100.0**	**75.3**	**11,367**	-	-	-	**958,003.0**	**4,498,825**	**5.34**	-
POLK #3 CT (GAS) [4]	183	(184)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
POLK #3 CT (OIL)	187	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	**183**	**(184)**	**0.0**	**0.0**	**0.0**	**0**	-	-	-	**0.0**	**0**	**0.00**	-
POLK #4 (GAS)	**183**	**53,521**	**39.3**	**100.0**	**77.3**	**10,544**	GAS	**551,115**	**1,024,000**	**564,342.0**	**2,650,175**	**4.95**	**4.81**
POLK #5 (GAS)	**183**	**48,924**	**35.9**	**99.6**	**66.5**	**11,604**	GAS	**554,411**	**1,024,000**	**567,717.0**	**2,666,024**	**5.45**	**4.81**
POLK #2 CC TOTAL	**1,195**	**285,963**	**32.2**	**74.9**	**51.2**	**7,340**	GAS	-	-	**2,098,891.0**	**9,856,485**	**3.45**	-
POLK STATION TOTAL	**1,415**	**441,784**	**42.0**	**78.8**	**61.2**	**8,294**	-	-	-	**3,664,275.8**	**13,567,503**	**3.07**	-
BAYSIDE ST 1	243	70,593	39.0	100.0	39.0	-		-	-	-	-	-	-
BAYSIDE CT1A	183	64,760	47.6	95.0	70.6	12,518	GAS	791,696	1,024,000	810,697.0	3,809,340	5.88	4.81
BAYSIDE CT1B	183	62,223	45.7	99.0	67.9	12,334	GAS	749,474	1,024,000	767,461.0	3,606,184	5.80	4.81
BAYSIDE CT1C	183	0	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 1 TOTAL	**792**	**197,576**	**33.5**	**98.0**	**33.5**	**7,988**	**GAS**	**1,541,170**	**1,024,000**	**1,578,158.0**	**7,415,524**	**3.75**	**4.81**
BAYSIDE ST 2	315	54,315	23.2	70.8	32.7	-		-	-	-	-	-	-
BAYSIDE CT2A	183	33,226	24.4	70.8	64.1	11,822	GAS	383,600	1,024,000	392,806.0	1,845,738	5.56	4.81
BAYSIDE CT2B	183	33,889	24.9	67.3	78.8	12,612	GAS	417,398	1,024,000	427,416.0	2,008,361	5.93	4.81
BAYSIDE CT2C	183	24,184	17.8	62.0	70.5	11,943	GAS	282,066	1,024,000	288,836.0	1,357,196	5.61	4.81
BAYSIDE CT2D	183	11,819	8.7	61.0	70.8	11,960	GAS	138,046	1,024,000	141,359.0	664,225	5.62	4.81
BAYSIDE UNIT 2 TOTAL	**1,047**	**157,433**	**20.2**	**65.3**	**28.5**	**7,943**	**GAS**	**1,221,110**	**1,024,000**	**1,250,417.0**	**5,875,520**	**3.73**	**4.81**
BAYSIDE UNIT 3 TOTAL	**61**	**941**	**2.1**	**97.6**	**81.3**	**11,967**	**GAS**	**10,997**	**1,024,000**	**11,261.0**	**52,914**	**5.62**	**4.81**
BAYSIDE UNIT 4 TOTAL	**61**	**1,474**	**3.2**	**100.0**	**82.4**	**11,600**	**GAS**	**16,698**	**1,024,000**	**17,099.0**	**80,346**	**5.45**	**4.81**
BAYSIDE UNIT 5 TOTAL	**61**	**189**	**0.4**	**100.0**	**41.5**	**14,619**	**GAS**	**2,698**	**1,024,000**	**2,763.0**	**12,983**	**6.87**	**4.81**
BAYSIDE UNIT 6 TOTAL	**61**	**1,139**	**2.5**	**98.8**	**88.3**	**11,708**	**GAS**	**13,022**	**1,024,000**	**13,335.0**	**62,659**	**5.50**	**4.81**
BAYSIDE STATION TOTAL	**2,083**	**358,752**	**23.1**	**81.7**	**31.3**	**8,008**	**GAS**	**2,805,695**	**1,024,000**	**2,873,033.0**	**13,499,946**	**3.76**	**4.81**
B.B. IGNITION							**LGT.OIL**				**0**		
SYSTEM	**5,212**	**1,460,695**	**37.7**	**79.1**	**52.4**	**9,306**	-	-	-	**13,593,464.9**	**48,946,478**	**3.35**	-

Footnotes:

[1] As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.

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

[3] Polk #2 ST commenced commercial operation on January 16, 2017.

[4] Station Service

LEGEND:

B.B. = BIG BEND
NG = NATURAL GAS
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: February 2017

SCHEDULE A4
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REVISED 6/21/17

(A) PLANT/UNIT	(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	232	21.6	-	50.4	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR [4]	19.4	2,743	32.8	-	53.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	187	18.6	-	41.8	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	**22.5**	**3,162**	**20.9**	-	**52.4**	-	**SOLAR**	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	141	15,915	16.8	99.5	26.1	-	NG CO-FIRE	180,381	1,024,000	184,710.0	830,577	5.22	4.60
B.B.#1 COAL	395	151,428	57.0	99.5	57.0	-	COAL	70,582	24,440,583	1,725,065.2	5,218,747	3.45	73.94
BIG BEND #1 TOTAL	**395**	**167,343**	**63.0**	**99.5**	**63.0**	**11,412**	-	-	-	**1,909,775.2**	**6,049,324**	**3.61**	-
B.B.#2 NAT GAS CO-FIRE	141	2,193	2.3	76.8	17.9	-	NG CO-FIRE	24,060	1,024,000	24,637.0	110,784	5.05	4.60
B.B.#2 COAL	395	150,559	56.7	76.8	65.4	-	COAL	68,694	24,208,444	1,662,974.9	5,079,151	3.37	73.94
BIG BEND #2 TOTAL	**395**	**152,752**	**57.5**	**76.8**	**66.3**	**11,048**	-	-	-	**1,687,611.9**	**5,189,935**	**3.40**	-
B.B.#3 NAT GAS CO-FIRE	141	224	0.2	79.6	5.3	-	NG CO-FIRE	2,135	1,024,000	2,186.0	9,830	4.39	4.60
B.B.#3 COAL	400	50,479	18.8	79.6	57.9	-	COAL	19,868	24,300,465	483,600.6	1,469,016	2.91	73.94
BIG BEND #3 TOTAL	**400**	**50,703**	**18.9**	**79.6**	**58.1**	**11,013**	-	-	-	**485,786.6**	**1,478,846**	**2.92**	-
B.B.#4 NAT GAS CO-FIRE	163	906	0.8	84.9	10.1	-	NG CO-FIRE	9,372	1,024,000	9,597.0	43,154	4.76	4.60
B.B.#4 COAL	442	189,167	63.7	84.9	73.5	-	COAL	80,611	24,546,023	1,978,679.5	5,960,279	3.15	73.94
BIG BEND #4 TOTAL	**442**	**190,073**	**64.0**	**84.9**	**73.8**	**10,461**	-	-	-	**1,988,276.5**	**6,003,433**	**3.16**	-
B.B. IGNITION	-	-	-	-	-	-	GAS	25,865	1,024,000	26,486.0	119,098	-	4.60
BIG BEND 1-4 COAL TOTAL	**1,632**	**541,633**	**49.4**	**85.2**	**64.5**	**10,935**	**COAL**	**239,755**	**24,396,699**	**5,850,320.2**	**17,727,193**	**3.27**	**73.94**
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)	61	860	2.1	98.6	82.4	10,681	GAS	8,971	1,024,000	9,186.0	41,306	4.80	4.60
BIG BEND CT #4 TOTAL	**61**	**860**	**2.1**	**98.6**	**82.4**	**10,681**	-	-	-	**9,186.0**	**41,306**	**4.80**	-
BIG BEND STATION TOTAL	**1,693**	**561,731**	**49.4**	**85.6**	**66.8**	**10,954**	-	-	-	**6,080,636.2**	**18,881,942**	**3.36**	-
POLK #1 GASIFIER	220	137,862	93.3	95.3	97.9	10,169	COAL	50,241	27,905,008	1,401,980.0	3,126,811	2.27	62.24
POLK #1 CT (GAS)	195	5,747	4.4	99.3	30.3	8,380	GAS	47,029	1,024,000	48,158.0	216,550	3.77	4.60
POLK #1 TOTAL	**220**	**143,609**	**97.1**	**99.3**	**97.9**	**10,098**	-	-	-	**1,450,138.0**	**3,343,361**	**2.33**	-
POLK #2 ST DUCT FIRING	120	3,571	4.4	-	90.7	8,239	GAS	28,731	1,024,000	29,420.0	132,292	3.70	4.60
POLK #2 ST W/O DUCT FIRING	343	97,882	42.5	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL [3]	**463**	**101,453**	**32.6**	**76.7**	**42.5**	-	**GAS**	-	-	**29,420.0**	**132,292**	**0.13**	-
POLK #2 CT (GAS)	183	47,592	38.7	95.9	75.5	11,301	GAS	525,235	1,024,000	537,841.0	2,418,484	5.08	4.60
POLK #2 CT (OIL)	187	0	0.0	95.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	**183**	**47,592**	**38.7**	**95.9**	**75.5**	**11,301**	-	-	-	**537,841.0**	**2,418,484**	**5.08**	-
POLK #3 CT (GAS)	183	24,257	19.7	47.6	74.8	11,323	GAS	268,224	1,024,000	274,661.0	1,235,055	5.09	4.60
POLK #3 CT (OIL)	187	0	0.0	47.6	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	**183**	**24,257**	**19.7**	**47.6**	**74.8**	**11,323**	-	-	-	**274,661.0**	**1,235,055**	**5.09**	-
POLK #4 (GAS)	**183**	**57,753**	**47.0**	**96.4**	**73.1**	**10,666**	GAS	**601,562**	**1,024,000**	**615,999.0**	**2,769,934**	**4.80**	**4.60**
POLK #5 (GAS)	**183**	**55,111**	**44.8**	**99.1**	**73.7**	**11,224**	GAS	**604,083**	**1,024,000**	**618,581.0**	**2,781,544**	**5.05**	**4.60**
POLK #2 CC TOTAL	**1,195**	**286,166**	**35.6**	**63.7**	**58.6**	**7,256**	GAS	-	-	**2,076,502.0**	**9,337,309**	**3.26**	-
POLK STATION TOTAL	**1,415**	**429,775**	**45.2**	**69.3**	**67.7**	**8,206**	-	-	-	**3,526,640.0**	**12,680,670**	**2.95**	-
BAYSIDE ST 1	243	42,933	26.3	99.4	38.2	-		-	-	-	-	-	-
BAYSIDE CT1A	183	31,194	25.4	98.7	68.7	12,195	GAS	371,486	1,024,000	380,402.0	1,710,788	5.48	4.61
BAYSIDE CT1B	183	45,482	37.0	92.6	64.2	12,973	GAS	576,222	1,024,000	590,051.0	2,653,649	5.83	4.61
BAYSIDE CT1C	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 1 TOTAL	**792**	**119,609**	**22.5**	**80.9**	**32.6**	**8,114**	**GAS**	**947,708**	**1,024,000**	**970,453.0**	**4,364,437**	**3.65**	**4.61**
BAYSIDE ST 2	315	50,397	23.8	50.7	53.6	-		-	-	-	-	-	-
BAYSIDE CT2A	183	30,204	24.6	47.5	71.4	12,124	GAS	357,616	1,024,000	366,199.0	1,646,914	5.45	4.61
BAYSIDE CT2B	183	18,074	14.7	46.4	71.6	12,122	GAS	213,958	1,024,000	219,093.0	985,332	5.45	4.61
BAYSIDE CT2C	183	21,669	17.6	46.2	71.4	12,057	GAS	255,146	1,024,000	261,270.0	1,175,014	5.42	4.61
BAYSIDE CT2D	183	25,757	20.9	47.8	67.1	12,409	GAS	312,125	1,024,000	319,616.0	1,437,416	5.58	4.61
BAYSIDE UNIT 2 TOTAL	**1,047**	**146,101**	**20.8**	**47.0**	**46.7**	**7,982**	**GAS**	**1,138,845**	**1,024,000**	**1,166,178.0**	**5,244,676**	**3.59**	**4.61**
BAYSIDE UNIT 3 TOTAL	**61**	**635**	**1.5**	**96.1**	**83.1**	**12,339**	**GAS**	**7,651**	**1,024,000**	**7,835.0**	**35,236**	**5.55**	**4.61**
BAYSIDE UNIT 4 TOTAL	**61**	**883**	**2.2**	**100.0**	**90.8**	**11,778**	**GAS**	**10,156**	**1,024,000**	**10,400.0**	**46,772**	**5.30**	**4.61**
BAYSIDE UNIT 5 TOTAL	**61**	**524**	**1.3**	**100.0**	**79.8**	**12,782**	**GAS**	**6,541**	**1,024,000**	**6,698.0**	**30,123**	**5.75**	**4.61**
BAYSIDE UNIT 6 TOTAL	**61**	**242**	**0.6**	**100.0**	**65.0**	**13,215**	**GAS**	**3,123**	**1,024,000**	**3,198.0**	**14,382**	**5.94**	**4.61**
BAYSIDE STATION TOTAL	**2,083**	**267,994**	**19.1**	**66.0**	**39.3**	**8,078**	**GAS**	**2,114,024**	**1,024,000**	**2,164,762.0**	**9,735,626**	**3.63**	**4.61**
B.B. IGNITION							**LGT.OIL**				**0**		
SYSTEM	**5,213**	**1,262,662**	**36.0**	**73.0**	**58.3**	**9,381**	-	-	-	**11,772,038.2**	**41,298,238**	**3.27**	-

Footnotes:

[1] As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.

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

[3] Polk #2 ST commenced commercial operation on January 16, 2017.

[4] Big Bend solar commenced commercial operation on February 10, 2017.

LEGEND:

B.B. = BIG BEND NG = NATURAL GAS CC = COMBINED CYCLE

CT = COMBUSTION TURBINE ST = STEAM

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: March 2017

SCHEDULE A4
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(A) PLANT/UNIT		(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	309	26.0	-	54.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	[4]	19.4	4,320	30.0	-	60.6	-	SOLAR	-	-	-	-	-	-
LEGOLAND		1.5	250	22.4	-	45.9	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL		**22.5**	**4,879**	**29.2**	-	**59.2**	-	**SOLAR**	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE		141	17,012	16.2	51.5	31.4	-	NG CO-FIRE	182,271	1,023,000	186,463.0	703,052	4.13	3.86
B.B.#1 COAL		395	78,561	26.8	51.5	51.9	-	COAL	36,074	23,385,464	843,607.2	2,586,946	3.29	71.71
BIG BEND #1 TOTAL		**395**	**95,573**	**32.6**	**51.5**	**63.2**	**10,778**	-	-	-	**1,030,070.2**	**3,289,998**	**3.44**	-
B.B.#2 NAT GAS CO-FIRE		141	141	0.1	55.6	4.5	-	NG CO-FIRE	1,618	1,023,000	1,655.0	6,240	4.43	3.86
B.B.#2 COAL		395	3,269	1.1	55.6	35.5	-	COAL	1,716	22,016,000	37,779.5	123,058	3.76	71.71
BIG BEND #2 TOTAL		**395**	**3,410**	**1.2**	**55.6**	**37.0**	**11,564**	-	-	-	**39,434.5**	**129,298**	**3.79**	-
B.B.#3 NAT GAS CO-FIRE		141	277	0.3	49.6	3.1	-	NG CO-FIRE	3,734	1,023,000	3,820.0	14,403	5.20	3.86
B.B.#3 COAL		400	53,078	17.8	49.6	57.6	-	COAL	31,420	22,914,368	719,888.1	2,253,198	4.25	71.71
BIG BEND #3 TOTAL		**400**	**53,355**	**18.0**	**49.6**	**57.9**	**12,268**	-	-	-	**723,708.1**	**2,267,601**	**4.25**	-
B.B.#4 NAT GAS CO-FIRE		163	5,831	4.8	78.7	21.7	-	NG CO-FIRE	61,247	1,023,000	62,656.0	236,242	4.05	3.86
B.B.#4 COAL		442	173,375	52.8	78.7	65.0	-	COAL	79,605	23,098,673	1,838,746.8	5,708,650	3.29	71.71
BIG BEND #4 TOTAL		**442**	**179,206**	**54.6**	**78.7**	**67.2**	**10,610**	-	-	-	**1,901,402.8**	**5,944,892**	**3.32**	-
B.B. IGNITION		-	-	-	-	-	-	GAS	41,180	1,023,000	42,127.0	158,838	-	3.86
BIG BEND 1-4 COAL TOTAL		**1,632**	**308,283**	**25.4**	**59.4**	**59.3**	**10,935**	**COAL**	**148,815**	**23,120,991**	**3,440,021.6**	**10,671,852**	**3.46**	**71.71**
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)		61	968	2.1	99.8	76.0	11,282	GAS	10,675	1,023,000	10,921.0	41,177	4.25	3.86
BIG BEND CT #4 TOTAL		**61**	**968**	**2.1**	**99.8**	**76.0**	**11,282**	-	-	-	**10,921.0**	**41,177**	**4.25**	-
BIG BEND STATION TOTAL		**1,693**	**332,512**	**26.4**	**60.9**	**63.9**	**10,936**	-	-	-	**3,705,536.6**	**11,831,804**	**3.56**	-
POLK #1 GASIFIER		220	133,048	81.4	90.6	96.9	9,766	COAL	46,898	27,707,107	1,299,407.9	3,270,905	2.46	69.75
POLK #1 CT (GAS)		195	32,077	22.1	95.3	25.4	7,451	GAS	233,626	1,023,000	238,999.0	901,136	2.81	3.86
POLK #1 TOTAL		**220**	**165,125**	**101.0**	**95.3**	**106.0**	**9,317**	-	-	-	**1,538,406.9**	**4,172,041**	**2.53**	-
POLK #2 ST DUCT FIRING		120	5,011	5.6	-	96.2	8,847	GAS	43,335	1,023,000	44,332.0	167,152	3.34	3.86
POLK #2 ST W/O DUCT FIRING		343	232,732	91.3	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	[3]	**463**	**237,743**	**69.1**	**100.0**	**69.2**	**-**	**GAS**	**-**	**-**	**44,332.0**	**167,152**	**0.07**	**-**
POLK #2 CT (GAS)		183	102,794	75.6	100.0	100.0	10,883	GAS	1,093,585	1,023,000	1,118,737.0	4,218,155	4.10	3.86
POLK #2 CT (OIL)		187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL		**183**	**102,794**	**75.6**	**100.0**	**100.0**	**10,883**	-	-	-	**1,118,737.0**	**4,218,155**	**4.10**	-
POLK #3 CT (GAS)		183	96,516	71.0	96.9	79.2	10,766	GAS	1,015,738	1,023,000	1,039,100.0	3,917,886	4.06	3.86
POLK #3 CT (OIL)		187	0	0.0	96.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL		**183**	**96,516**	**71.0**	**96.9**	**79.2**	**10,766**	-	-	-	**1,039,100.0**	**3,917,886**	**4.06**	-
POLK #4 (GAS)		**183**	**100,564**	**74.0**	**99.9**	**79.1**	**10,780**	GAS	**1,059,682**	**1,023,000**	**1,084,055.0**	**4,087,387**	**4.06**	**3.86**
POLK #5 (GAS)		**183**	**100,391**	**73.8**	**100.0**	**78.2**	**10,788**	GAS	**1,058,662**	**1,023,000**	**1,083,011.0**	**4,083,451**	**4.07**	**3.86**
POLK #2 CC TOTAL		**1,195**	**638,008**	**71.9**	**99.2**	**77.5**	**6,848**	GAS	-	-	**4,369,235.0**	**16,474,031**	**2.58**	-
POLK STATION TOTAL		**1,415**	**803,133**	**76.4**	**98.6**	**82.0**	**7,356**	-	-	-	**5,907,641.9**	**20,646,072**	**2.57**	-
BAYSIDE ST 1	[5]	243	(1)	0.0	0.0	0.0	-		-	-	-	-	-	-
BAYSIDE CT1A	[5]	183	(91)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT1B	[5]	183	(91)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT1C	[5]	183	(91)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 1 TOTAL		**792**	**(274)**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
BAYSIDE ST 2		315	109,659	46.9	99.3	47.2	-		-	-	-	-	-	-
BAYSIDE CT2A		183	46,724	34.4	100.0	70.0	11,855	GAS	541,467	1,023,000	553,921.0	2,100,379	4.50	3.88
BAYSIDE CT2B		183	52,454	38.6	98.2	70.1	12,173	GAS	624,160	1,023,000	638,516.0	2,421,150	4.62	3.88
BAYSIDE CT2C		183	78,310	57.6	95.6	67.3	12,178	GAS	932,216	1,023,000	953,657.0	3,616,115	4.62	3.88
BAYSIDE CT2D		183	31,160	22.9	99.0	70.4	11,971	GAS	364,618	1,023,000	373,004.0	1,414,372	4.54	3.88
BAYSIDE UNIT 2 TOTAL		**1,047**	**318,307**	**40.9**	**97.5**	**41.2**	**7,914**	**GAS**	**2,462,461**	**1,023,000**	**2,519,098.0**	**9,552,016**	**3.00**	**3.88**
BAYSIDE UNIT 3 TOTAL		**61**	**2,136**	**4.7**	**88.2**	**86.6**	**11,531**	**GAS**	**24,076**	**1,023,000**	**24,630.0**	**93,393**	**4.37**	**3.88**
BAYSIDE UNIT 4 TOTAL		**61**	**1,667**	**3.7**	**85.6**	**90.2**	**11,412**	**GAS**	**18,595**	**1,023,000**	**19,023.0**	**72,132**	**4.33**	**3.88**
BAYSIDE UNIT 5 TOTAL		**61**	**452**	**1.0**	**84.6**	**83.7**	**12,613**	**GAS**	**5,573**	**1,023,000**	**5,701.0**	**21,617**	**4.78**	**3.88**
BAYSIDE UNIT 6 TOTAL		**61**	**485**	**1.1**	**85.6**	**86.6**	**11,485**	**GAS**	**5,445**	**1,023,000**	**5,570.0**	**21,121**	**4.35**	**3.88**
BAYSIDE STATION TOTAL		**2,083**	**322,773**	**20.9**	**59.1**	**41.5**	**7,975**	**GAS**	**2,516,150**	**1,023,000**	**2,574,022.0**	**9,760,279**	**3.02**	**3.88**
B.B. IGNITION								**LGT.OIL**				**0**		
SYSTEM		**5,213**	**1,463,297**	**37.8**	**70.1**	**64.0**	**8,281**	-	-	-	**12,187,200.5**	**42,238,155**	**2.89**	-

Footnotes:

[1] As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.

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

[3] Polk #2 ST commenced commercial operation on January 16, 2017.

[4] Big Bend solar commenced commercial operation on February 10, 2017.

[5] Station Service

LEGEND:

B.B. = BIG BEND
NG = NATURAL GAS
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: APRIL 2017

SCHEDULE A4
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(A) PLANT/UNIT	(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	311	27.0	-	53.8	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR [4]	19.4	4,596	33.0	-	62.8	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	262	24.3	-	46.5	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	**22.5**	**5,169**	**32.0**	-	**61.1**	-	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
B.B.#1 NAT GAS CO-FIRE	141	0	0.0	0.0	0.0	-	NG CO-FIRE	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**	**0.0**	**0.0**	**0**	-	-	-	**0.0**	**0**	**0.00**	-
B.B.#2 NAT GAS CO-FIRE	141	3,736	3.7	54.0	26.5	-	NG CO-FIRE	38,684	1,022,000	39,535.0	151,839	4.06	3.93
B.B.#2 COAL	385	122,066	44.0	54.0	76.3	-	COAL	54,877	23,134,581	1,269,556.4	3,895,871	3.19	70.99
BIG BEND #2 TOTAL	**385**	**125,802**	**45.4**	**54.0**	**78.7**	**10,406**	-	-	-	**1,309,091.4**	**4,047,710**	**3.22**	-
B.B.#3 NAT GAS CO-FIRE	141	21,083	20.8	39.5	66.2	-	NG CO-FIRE	233,261	1,022,000	238,393.0	915,579	4.34	3.93
B.B.#3 COAL	395	66,646	23.4	39.5	43.7	-	COAL	32,097	22,962,870	737,039.2	2,278,655	3.42	70.99
BIG BEND #3 TOTAL	**395**	**87,729**	**30.8**	**39.5**	**57.5**	**11,119**	-	-	-	**975,432.2**	**3,194,234**	**3.64**	-
B.B.#4 NAT GAS CO-FIRE	163	104	0.1	78.8	1.4	-	NG CO-FIRE	1,081	1,022,000	1,105.0	4,244	4.08	3.93
B.B.#4 COAL	437	214,269	68.1	78.8	79.4	-	COAL	97,965	22,978,035	2,251,043.2	6,954,808	3.25	70.99
BIG BEND #4 TOTAL	**437**	**214,373**	**68.1**	**78.8**	**79.5**	**10,506**	-	-	-	**2,252,148.2**	**6,959,052**	**3.25**	-
B.B. IGNITION	-	-	-	-	-	-	GAS	47,374	1,022,000	48,416.0	185,948	-	3.93
BIG BEND 1-4 COAL TOTAL	**1,602**	**402,981**	**34.9**	**44.2**	**69.2**	**10,565**	**COAL**	**184,939**	**23,021,855**	**4,257,638.8**	**13,129,334**	**3.26**	**70.99**
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	1,896	4.7	84.9	88.8	10,816	GAS	20,067	1,022,000	20,508.0	78,764	4.15	3.93
BIG BEND CT #4 TOTAL	**56**	**1,896**	**4.7**	**84.9**	**88.8**	**10,816**	-	-	-	**20,508.0**	**78,764**	**4.15**	-
BIG BEND STATION TOTAL	**1,658**	**429,800**	**36.0**	**45.6**	**73.5**	**10,603**	-	-	-	**4,557,179.8**	**14,465,708**	**3.37**	-
POLK #1 GASIFIER	220	153,715	97.0	100.0	97.0	10,108	COAL	56,901	27,306,736	1,553,789.0	3,672,199	2.39	64.54
POLK #1 CT (GAS)	195	22,890	16.3	100.0	16.3	6,825	GAS	152,870	1,022,000	156,233.0	600,033	2.62	3.93
POLK #1 TOTAL	**220**	**176,605**	**111.5**	**100.0**	**111.5**	**9,683**	-	-	-	**1,710,022.0**	**4,272,232**	**2.42**	-
POLK #2 ST DUCT FIRING	120	9,414	10.9	-	89.1	8,400	GAS	77,376	1,022,000	79,078.0	303,709	3.23	3.93
POLK #2 ST W/O DUCT FIRING	339	204,389	83.7	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL [3]	**459**	**213,803**	**64.7**	**100.0**	**64.7**	**-**	**GAS**	**-**	**-**	**79,078.0**	**303,709**	**0.14**	**-**
POLK #2 CT (GAS)	151	78,070	71.8	81.5	136.8	10,905	GAS	833,057	1,022,000	851,384.0	3,269,850	4.19	3.93
POLK #2 CT (OIL)	159	0	0.0	81.5	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	**151**	**78,070**	**71.8**	**81.5**	**136.8**	**10,905**	-	-	-	**851,384.0**	**3,269,850**	**4.19**	-
POLK #3 CT (GAS)	151	94,540	87.0	100.0	94.5	10,740	GAS	993,483	1,022,000	1,015,340.0	3,899,545	4.12	3.93
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	**151**	**94,540**	**87.0**	**100.0**	**94.5**	**10,740**	-	-	-	**1,015,340.0**	**3,899,545**	**4.12**	-
POLK #4 (GAS)	**151**	**96,599**	**88.9**	**100.0**	**95.9**	**10,916**	GAS	**1,031,749**	**1,022,000**	**1,054,447.0**	**4,049,740**	**4.19**	**3.93**
POLK #5 (GAS)	**151**	**80,340**	**73.9**	**84.9**	**94.9**	**10,627**	GAS	**835,419**	**1,022,000**	**853,798.0**	**3,279,122**	**4.08**	**3.93**
POLK #2 CC TOTAL	**1,063**	**563,352**	**73.6**	**91.6**	**83.7**	**6,841**	GAS	**-**	**-**	**3,854,047.0**	**14,801,966**	**2.63**	**-**
POLK STATION TOTAL	**1,283**	**739,957**	**80.1**	**93.0**	**89.0**	**7,519**	-	**-**	**-**	**5,564,069.0**	**19,074,198**	**2.58**	**-**
BAYSIDE ST 1	233	56,404	33.6	72.8	47.7	-		-	-	-	-	-	-
BAYSIDE CT1A	156	27,616	24.6	71.1	81.1	11,766	GAS	317,934	1,022,000	324,929.0	1,248,615	4.52	3.93
BAYSIDE CT1B	156	31,933	28.4	40.4	79.9	11,804	GAS	368,830	1,022,000	376,944.0	1,448,498	4.54	3.93
BAYSIDE CT1C	156	45,054	40.1	72.9	75.2	11,892	GAS	524,252	1,022,000	535,786.0	2,058,884	4.57	3.93
BAYSIDE UNIT 1 TOTAL	**701**	**161,007**	**31.9**	**58.7**	**45.2**	**7,687**	**GAS**	**1,211,016**	**1,022,000**	**1,237,659.0**	**4,755,997**	**2.95**	**3.93**
BAYSIDE ST 2	305	109,204	49.7	100.0	49.7	-		-	-	-	-	-	-
BAYSIDE CT2A	156	50,033	44.5	97.1	82.1	11,822	GAS	578,757	1,022,000	591,490.0	2,272,939	4.54	3.93
BAYSIDE CT2B	156	66,493	59.2	100.0	80.3	12,311	GAS	800,993	1,022,000	818,615.0	3,145,721	4.73	3.93
BAYSIDE CT2C	156	61,083	54.4	100.0	80.8	12,028	GAS	718,884	1,022,000	734,699.0	2,823,256	4.62	3.93
BAYSIDE CT2D	156	26,604	23.7	90.9	89.9	11,869	GAS	308,962	1,022,000	315,759.0	1,213,379	4.56	3.93
BAYSIDE UNIT 2 TOTAL	**929**	**313,417**	**46.9**	**97.0**	**46.9**	**7,851**	**GAS**	**2,407,596**	**1,022,000**	**2,460,563.0**	**9,455,295**	**3.02**	**3.93**
BAYSIDE UNIT 3 TOTAL	**56**	**2,012**	**5.0**	**97.8**	**94.3**	**11,459**	**GAS**	**22,559**	**1,022,000**	**23,055.0**	**88,594**	**4.40**	**3.93**
BAYSIDE UNIT 4 TOTAL	**56**	**2,168**	**5.4**	**100.0**	**96.1**	**10,856**	**GAS**	**23,028**	**1,022,000**	**23,535.0**	**90,439**	**4.17**	**3.93**
BAYSIDE UNIT 5 TOTAL	**56**	**239**	**0.6**	**99.9**	**17.3**	**13,042**	**GAS**	**3,050**	**1,022,000**	**3,117.0**	**11,978**	**5.01**	**3.93**
BAYSIDE UNIT 6 TOTAL	**56**	**765**	**1.9**	**100.0**	**86.6**	**11,337**	**GAS**	**8,486**	**1,022,000**	**8,673.0**	**33,328**	**4.36**	**3.93**
BAYSIDE STATION TOTAL	**1,854**	**479,608**	**35.9**	**82.8**	**46.5**	**7,833**	**GAS**	**3,675,735**	**1,022,000**	**3,756,602.0**	**14,435,631**	**3.01**	**3.93**
B.B. IGNITION							**LGT.OIL**				**0**		
SYSTEM	**4,817**	**1,654,534**	**47.7**	**72.7**	**67.4**	**8,388**	**-**	**-**	**-**	**13,877,850.8**	**47,975,537**	**2.90**	**-**

Footnotes:

[1] **As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.**

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

[3] **Polk #2 ST commenced commercial operation on January 16, 2017.**

[4] **Big Bend solar commenced commercial operation on February 10, 2017.**

LEGEND:

B.B. = BIG BEND NG = NATURAL GAS CC = COMBINED CYCLE

CT = COMBUSTION TURBINE ST = STEAM

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: MAY 2017

SCHEDULE A4
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REVISED 7/21/17

(A) PLANT/UNIT	(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	318	26.7	-	51.4	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR [4]	19.4	4,975	34.5	-	62.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	287	25.7	-	47.1	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	**22.5**	**5,580**	**33.4**	-	**60.8**	-	**SOLAR**	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	142	1,530	1.4	53.4	8.1	-	NG CO-FIRE	16,404	1,023,000	16,781.0	70,365	4.60	4.29
B.B.#1 COAL	385	114,109	39.8	53.4	74.5	-	COAL	52,480	23,441,298	1,230,199.3	3,736,220	3.27	71.19
BIG BEND #1 TOTAL	**385**	**115,639**	**40.4**	**53.4**	**75.5**	**10,783**	-	-	-	**1,246,980.3**	**3,806,585**	**3.29**	-
B.B.#2 NAT GAS CO-FIRE	142	1,289	1.2	31.8	10.0	-	NG CO-FIRE	14,576	1,023,000	14,911.0	62,524	4.85	4.29
B.B.#2 COAL	385	74,000	25.8	31.8	80.1	-	COAL	35,639	23,606,099	841,297.8	2,537,255	3.43	71.19
BIG BEND #2 TOTAL	**385**	**75,289**	**26.3**	**31.8**	**72.6**	**11,372**	-	-	-	**856,208.8**	**2,599,779**	**3.45**	-
B.B.#3 NAT GAS CO-FIRE	142	78,342	74.2	82.0	110.3	-	NG CO-FIRE	871,746	1,023,000	891,796.0	3,739,420	4.77	4.29
B.B.#3 COAL [5]	395	68,768	23.4	82.0	46.2	-	COAL	32,894	22,947,792	758,314.4	2,341,830	3.41	71.19
BIG BEND #3 TOTAL	**395**	**147,110**	**50.1**	**82.0**	**50.1**	**11,193**	-	-	-	**1,650,110.4**	**6,081,250**	**4.13**	-
B.B.#4 NAT GAS CO-FIRE	164	6	0.0	93.3	1.8	-	NG CO-FIRE	68	1,023,000	70.0	293	4.88	4.28
B.B.#4 COAL	437	275,381	84.7	93.3	85.7	-	COAL	126,859	23,186,401	2,941,403.6	9,031,501	3.28	71.19
BIG BEND #4 TOTAL	**437**	**275,387**	**84.7**	**93.3**	**84.7**	**10,681**	-	-	-	**2,941,473.6**	**9,031,794**	**3.28**	-
B.B. IGNITION	-	-	-	-	-	-	GAS	41,177	1,023,000	42,124.0	176,632	-	4.29
BIG BEND 1-4 COAL TOTAL	**1,602**	**532,258**	**44.7**	**66.1**	**60.8**	**10,836**	**COAL**	**247,872**	**23,269,048**	**5,771,215.1**	**17,646,806**	**3.32**	**71.19**
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	1,058	2.5	98.8	87.9	11,624	GAS	12,022	1,023,000	12,298.0	51,567	4.87	4.29
BIG BEND CT #4 TOTAL	**56**	**1,058**	**2.5**	**98.8**	**87.9**	**11,624**	-	-	-	**12,298.0**	**51,567**	**4.87**	-
BIG BEND STATION TOTAL	**1,658**	**614,483**	**49.8**	**67.2**	**70.1**	**10,909**	-	-	-	**6,707,071.1**	**21,747,607**	**3.54**	-
POLK #1 GASIFIER	220	93,238	57.0	61.0	91.8	11,466	COAL	38,050	28,096,411	1,069,057.5	2,683,895	2.88	70.54
POLK #1 CT (GAS)	195	26,359	18.2	70.8	25.6	7,921	GAS	204,088	1,023,000	208,782.0	875,451	3.32	4.29
POLK #1 TOTAL	**220**	**119,597**	**73.1**	**70.8**	**103.1**	**10,685**	-	-	-	**1,277,839.5**	**3,559,346**	**2.98**	-
POLK #2 ST DUCT FIRING	120	9,901	11.1	-	91.8	8,400	GAS	81,297	1,023,000	83,167.0	348,730	3.52	4.29
POLK #2 ST W/O DUCT FIRING	339	216,098	85.7	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL [3]	**459**	**225,999**	**66.2**	**100.0**	**66.2**	-	**GAS**	-	-	**83,167.0**	**348,730**	**0.15**	-
POLK #2 CT (GAS)	151	96,939	86.3	100.0	91.6	11,193	GAS	1,060,596	1,023,000	1,084,990.0	4,549,508	4.69	4.29
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	**151**	**96,939**	**86.3**	**100.0**	**91.6**	**11,193**	-	-	-	**1,084,990.0**	**4,549,508**	**4.69**	-
POLK #3 CT (GAS)	151	82,086	73.1	99.7	92.9	11,091	GAS	889,949	1,023,000	910,418.0	3,817,504	4.65	4.29
POLK #3 CT (OIL)	159	0	0.0	99.7	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	**151**	**82,086**	**73.1**	**99.7**	**92.9**	**11,091**	-	-	-	**910,418.0**	**3,817,504**	**4.65**	-
POLK #4 (GAS)	**151**	**96,770**	**86.1**	**100.0**	**94.0**	**10,233**	GAS	**967,978**	**1,023,000**	**990,242.0**	**4,152,217**	**4.29**	**4.29**
POLK #5 (GAS)	**151**	**94,599**	**84.2**	**100.0**	**93.5**	**10,925**	GAS	**1,010,260**	**1,023,000**	**1,033,496.0**	**4,333,587**	**4.58**	**4.29**
POLK #2 CC TOTAL	**1,063**	**596,393**	**75.4**	**99.9**	**80.6**	**6,879**	GAS	-	-	**4,102,313.0**	**17,201,546**	**2.88**	-
POLK STATION TOTAL	**1,283**	**715,990**	**75.0**	**94.9**	**83.7**	**7,514**	-	-	-	**5,380,152.5**	**20,760,892**	**2.90**	-
BAYSIDE ST 1	233	100,869	58.2	100.0	58.2	-		-	-	-	-	-	-
BAYSIDE CT1A	156	46,520	40.1	99.4	83.4	11,684	GAS	531,316	1,023,000	543,536.0	2,279,575	4.90	4.29
BAYSIDE CT1B	156	67,570	58.2	100.0	82.1	11,819	GAS	780,675	1,023,000	798,630.0	3,349,433	4.96	4.29
BAYSIDE CT1C	156	73,690	63.5	98.6	81.8	11,496	GAS	828,064	1,023,000	847,109.0	3,552,753	4.82	4.29
BAYSIDE UNIT 1 TOTAL	**701**	**288,649**	**55.3**	**99.3**	**55.3**	**7,585**	**GAS**	**2,140,055**	**1,023,000**	**2,189,275.0**	**9,181,761**	**3.18**	**4.29**
BAYSIDE ST 2	305	96,727	42.6	88.4	48.2	-		-	-	-	-	-	-
BAYSIDE CT2A	156	39,143	33.7	96.4	83.6	12,026	GAS	460,156	1,023,000	470,740.0	1,974,270	5.04	4.29
BAYSIDE CT2B	156	74,464	64.2	98.0	79.8	12,231	GAS	890,302	1,023,000	910,779.0	3,819,784	5.13	4.29
BAYSIDE CT2C	156	39,419	34.0	98.0	82.5	12,330	GAS	475,117	1,023,000	486,045.0	2,038,460	5.17	4.29
BAYSIDE CT2D	156	29,009	25.0	97.1	83.5	12,175	GAS	345,251	1,023,000	353,192.0	1,481,278	5.11	4.29
BAYSIDE UNIT 2 TOTAL	**929**	**278,762**	**40.3**	**87.8**	**45.6**	**7,966**	**GAS**	**2,170,826**	**1,023,000**	**2,220,756.0**	**9,313,792**	**3.34**	**4.29**
BAYSIDE UNIT 3 TOTAL	**56**	**578**	**1.4**	**93.1**	**39.2**	**13,206**	**GAS**	**7,461**	**1,023,000**	**7,633.0**	**32,013**	**5.54**	**4.29**
BAYSIDE UNIT 4 TOTAL	**56**	**2,053**	**4.9**	**97.6**	**91.9**	**12,292**	**GAS**	**24,668**	**1,023,000**	**25,235.0**	**105,835**	**5.16**	**4.29**
BAYSIDE UNIT 5 TOTAL	**56**	**430**	**1.0**	**100.0**	**84.5**	**15,716**	**GAS**	**6,606**	**1,023,000**	**6,758.0**	**28,343**	**6.59**	**4.29**
BAYSIDE UNIT 6 TOTAL	**56**	**1,147**	**2.8**	**99.6**	**89.1**	**12,591**	**GAS**	**14,117**	**1,023,000**	**14,442.0**	**60,569**	**5.28**	**4.29**
BAYSIDE STATION TOTAL	**1,854**	**571,619**	**41.4**	**93.3**	**50.2**	**7,810**	**GAS**	**4,363,733**	**1,023,000**	**4,464,099.0**	**18,722,313**	**3.28**	**4.29**
B.B. IGNITION							**LGT.OIL**				**0**		
SYSTEM	**4,817**	**1,907,672**	**53.2**	**84.7**	**66.2**	**8,674**	-	-	-	**16,551,322.6**	**61,230,812**	**3.21**	-

Footnotes:

[1] **As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.**

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

[3] **Polk #2 ST commenced commercial operation on January 16, 2017.**

[4] **Big Bend solar commenced commercial operation on February 10, 2017.**

LEGEND: B.B. = BIG BEND; CT = COMBUSTION TURBINE; NG = NATURAL GAS; ST = STEAM; CC = COMBINED CYCLE

[5] **Includes adj to B.B. #3 of 3,021 tons consumed and $70,095 of fuel expense and 72,612.7 mmbtu for February 2017 and (3,021) tons consumed and ($195,198) of fuel expense and (69,143.0) mmbtu for March 2017.**

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: JUNE 2017

SCHEDULE A4
PAGE 1 OF 1

(A) PLANT/UNIT	(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	234	20.3	-	39.2	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR [4]	19.4	3,238	23.2	-	41.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	209	19.4	-	34.2	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	**22.5**	**3,681**	**22.8**	-	**40.9**	-	**SOLAR**	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	143	5,166	5.0	65.4	18.2	-	NG CO-FIRE	58,235	1,023,000	59,574.0	247,788	4.80	4.25
B.B.#1 COAL	385	66,016	23.8	65.4	54.8	-	COAL	30,923	24,177,930	747,654.1	2,392,052	3.62	77.36
BIG BEND #1 TOTAL	**385**	**71,182**	**25.7**	**65.4**	**59.0**	**11,340**	-	-	-	**807,228.1**	**2,639,840**	**3.71**	-
B.B.#2 NAT GAS CO-FIRE	143	2,883	2.8	95.4	24.3	-	NG CO-FIRE	30,806	1,023,000	31,514.0	131,077	4.55	4.25
B.B.#2 COAL	385	213,866	77.2	95.4	81.1	-	COAL	97,000	23,690,240	2,297,953.3	7,503,445	3.51	77.36
BIG BEND #2 TOTAL	**385**	**216,749**	**78.2**	**95.4**	**81.8**	**10,747**	-	-	-	**2,329,467.3**	**7,634,522**	**3.52**	-
B.B.#3 NAT GAS CO-FIRE	143	2,860	2.8	52.9	22.5	-	NG CO-FIRE	30,655	1,023,000	31,360.0	130,436	4.56	4.25
B.B.#3 COAL [5]	395	128,769	45.3	52.9	83.2	-	COAL	57,449	24,161,923	1,388,078.3	4,443,973	3.45	77.36
BIG BEND #3 TOTAL	**395**	**131,629**	**46.3**	**52.9**	**80.0**	**10,784**	-	-	-	**1,419,438.3**	**4,574,409**	**3.48**	-
B.B.#4 NAT GAS CO-FIRE	165	864	0.7	84.1	6.3	-	NG CO-FIRE	9,390	1,023,000	9,606.0	39,955	4.62	4.26
B.B.#4 COAL	437	231,709	73.6	84.1	74.2	-	COAL	107,935	23,572,412	2,544,288.2	8,349,323	3.60	77.36
BIG BEND #4 TOTAL	**437**	**232,573**	**73.9**	**84.1**	**74.4**	**10,981**	-	-	-	**2,553,894.2**	**8,389,278**	**3.61**	-
B.B. IGNITION	-	-	-	-	-	-	GAS	45,546	1,023,000	46,594.0	193,800	-	4.26
BIG BEND 1-4 COAL TOTAL	**1,602**	**640,360**	**55.5**	**74.6**	**74.2**	**10,897**	**COAL**	**293,307**	**23,790,683**	**6,977,973.9**	**22,688,793**	**3.54**	**77.36**
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	1,234	3.1	98.1	89.9	11,253	GAS	13,574	1,023,000	13,886.0	57,756	4.68	4.25
BIG BEND CT #4 TOTAL	**56**	**1,234**	**3.1**	**98.1**	**89.9**	**11,253**	-	-	-	**13,886.0**	**57,756**	**4.68**	-
BIG BEND STATION TOTAL	**1,658**	**653,367**	**54.7**	**75.4**	**75.6**	**10,903**	-	-	-	**7,123,913.9**	**23,489,605**	**3.60**	-
POLK #1 GASIFIER	220	88,885	56.1	63.3	88.6	11,241	COAL	35,974	27,774,353	999,155.7	2,705,282	3.04	75.20
POLK #1 CT (GAS)	195	58,504	41.7	99.8	43.1	8,126	GAS	464,730	1,023,000	475,419.0	1,977,421	3.38	4.25
POLK #1 TOTAL	**220**	**147,389**	**93.0**	**99.8**	**93.3**	**10,005**	-	-	-	**1,474,574.7**	**4,682,703**	**3.18**	-
POLK #2 ST DUCT FIRING	120	7,133	8.3	-	90.0	8,400	GAS	58,569	1,023,000	59,916.0	249,210	3.49	4.25
POLK #2 ST W/O DUCT FIRING	339	198,858	81.5	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL [3]	**459**	**205,991**	**62.3**	**98.8**	**62.5**	-	**GAS**	-	-	**59,916.0**	**249,210**	**0.12**	-
POLK #2 CT (GAS)	151	96,639	88.9	100.0	90.9	11,161	GAS	1,054,376	1,023,000	1,078,627.0	4,486,358	4.64	4.25
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	**151**	**96,639**	**88.9**	**100.0**	**90.9**	**11,161**	-	-	-	**1,078,627.0**	**4,486,358**	**4.64**	-
POLK #3 CT (GAS)	151	78,012	71.8	98.9	92.2	11,027	GAS	840,861	1,023,000	860,201.0	3,577,854	4.59	4.25
POLK #3 CT (OIL)	159	0	0.0	98.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	**151**	**78,012**	**71.8**	**98.9**	**92.2**	**11,027**	-	-	-	**860,201.0**	**3,577,854**	**4.59**	-
POLK #4 (GAS)	**151**	**88,309**	**81.2**	**100.0**	**92.1**	**10,502**	GAS	**906,550**	**1,023,000**	**927,401.0**	**3,857,361**	**4.37**	**4.25**
POLK #5 (GAS)	**151**	**81,916**	**75.3**	**94.1**	**91.1**	**10,966**	GAS	**878,079**	**1,023,000**	**898,275.0**	**3,736,216**	**4.56**	**4.25**
POLK #2 CC TOTAL	**1,063**	**550,867**	**72.0**	**98.1**	**78.0**	**6,943**	GAS	-	-	**3,824,420.0**	**15,906,999**	**2.89**	-
POLK STATION TOTAL	**1,283**	**698,256**	**75.6**	**98.4**	**80.8**	**7,589**	-	-	-	**5,298,994.7**	**20,589,702**	**2.95**	-
BAYSIDE ST 1	233	83,699	49.9	99.8	50.0	-		-	-	-	-	-	-
BAYSIDE CT1A	156	52,801	47.0	98.0	80.7	11,758	GAS	606,889	1,023,000	620,847.0	2,583,648	4.89	4.26
BAYSIDE CT1B	156	61,793	55.0	95.3	80.7	11,681	GAS	705,603	1,023,000	721,832.0	3,003,894	4.86	4.26
BAYSIDE CT1C	156	41,378	36.8	99.6	80.7	11,402	GAS	461,186	1,023,000	471,793.0	1,963,361	4.74	4.26
BAYSIDE UNIT 1 TOTAL	**701**	**239,671**	**47.5**	**97.5**	**47.6**	**7,571**	**GAS**	**1,773,678**	**1,023,000**	**1,814,472.0**	**7,550,903**	**3.15**	**4.26**
BAYSIDE ST 2	305	87,936	40.0	100.0	40.0	-		-	-	-	-	-	-
BAYSIDE CT2A	156	41,506	37.0	78.9	80.0	11,659	GAS	473,023	1,023,000	483,903.0	2,013,755	4.85	4.26
BAYSIDE CT2B	156	43,678	38.9	96.7	79.8	11,891	GAS	507,680	1,023,000	519,357.0	2,161,297	4.95	4.26
BAYSIDE CT2C	156	43,611	38.8	85.9	79.6	12,012	GAS	512,067	1,023,000	523,844.0	2,179,973	5.00	4.26
BAYSIDE CT2D	156	36,822	32.8	95.4	79.4	12,033	GAS	433,112	1,023,000	443,074.0	1,843,846	5.01	4.26
BAYSIDE UNIT 2 TOTAL	**929**	**253,553**	**37.9**	**89.2**	**37.9**	**7,770**	**GAS**	**1,925,882**	**1,023,000**	**1,970,178.0**	**8,198,871**	**3.23**	**4.26**
BAYSIDE UNIT 3 TOTAL	**56**	**473**	**1.2**	**99.1**	**86.0**	**12,461**	**GAS**	**5,762**	**1,023,000**	**5,894.0**	**24,528**	**5.19**	**4.26**
BAYSIDE UNIT 4 TOTAL	**56**	**1,993**	**4.9**	**99.1**	**73.9**	**11,158**	**GAS**	**72,588**	**1,023,000**	**22,236.9**	**309,024**	**15.51**	**4.26**
BAYSIDE UNIT 5 TOTAL	**56**	**344**	**0.9**	**98.1**	**21.4**	**12,339**	**GAS**	**6,781**	**1,023,000**	**4,244.6**	**28,868**	**8.39**	**4.26**
BAYSIDE UNIT 6 TOTAL	**56**	**969**	**2.4**	**98.3**	**49.1**	**11,772**	**GAS**	**11,151**	**1,023,000**	**11,407.0**	**47,470**	**4.90**	**4.26**
BAYSIDE STATION TOTAL	**1,854**	**497,003**	**37.2**	**93.5**	**42.1**	**7,703**	**GAS**	**3,795,842**	**1,023,000**	**3,828,432.6**	**16,159,664**	**3.25**	**4.26**
B.B. IGNITION							**LGT.OIL**				**0**		
SYSTEM	**4,817**	**1,852,307**	**53.4**	**88.5**	**63.5**	**8,774**	-	-	-	**16,251,341.2**	**60,238,971**	**3.25**	-

Footnotes:

[1] **As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.**

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

[3] **Polk #2 ST commenced commercial operation on January 16, 2017.**

[4] **Big Bend solar commenced commercial operation on February 10, 2017.**

[5] **Includes coal consumption adjustment to Big Bend #3 of $150,676.70 for February 2017.**

LEGEND: B.B. = BIG BEND; CT = COMBUSTION TURBINE; NG = NATURAL GAS; ST = STEAM; CC = COMBINED CYCLE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JULY 2017

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)[2]	AS BURNED FUEL COST ($)[1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	250	21.0	-	21.0	-	SOLAR	-	-	-	-	-	-
2. LEGOLAND SOLAR	1.5	270	24.2	-	24.2	-	SOLAR	-	-	-	-	-	-
3. BIG BEND SOLAR	19.4	3,930	27.3	-	27.3	-	SOLAR	-	-	-	-	-	-
4. TOTAL SOLAR [3]	**22.5**	**4,450**	**26.6**	**-**	**26.6**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
5. B.B.#1 NAT GAS CO-FIRE	185	17,620	12.8	-	-	-	NG CO-FIRE	212,260	1,027,985	218,200.0	954,792	5.42	4.50
6. B.B.#1 COAL	385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
7. TOTAL BIG BEND #1	**385**	**17,620**	**6.2**	**45.4**	**47.7**	**12,384**		**-**	**-**	**218,200.0**	**954,792**	**5.42**	**-**
8. B.B.#2 NAT GAS CO-FIRE	185	0	0.0	-	-	-	NG CO-FIRE	0	0	0.0	0	0.00	0.00
9. B.B.#2 COAL	385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
10. TOTAL BIG BEND #2	**385**	**0**	**0.0**	**57.2**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
11. B.B.#3 NAT GAS CO-FIRE	185	10,820	7.9	-	-	-	NG CO-FIRE	108,380	1,028,049	111,420.0	487,517	4.51	4.50
12. B.B.#3 COAL	395	205,630	70.0	-	-	-	COAL	92,040	22,999,674	2,116,890.0	6,561,863	3.19	71.29
13. TOTAL BIG BEND #3	**395**	**216,450**	**73.7**	**73.5**	**89.7**	**10,295**		**-**	**-**	**2,228,310.0**	**7,049,380**	**3.26**	**-**
14. B.B.#4 NAT GAS CO-FIRE	175	11,880	9.1	-	-	-	NG CO-FIRE	120,100	1,027,977	123,460.0	540,236	4.55	4.50
15. B.B.#4 COAL	437	225,700	69.4	-	-	-	COAL	101,990	22,999,412	2,345,710.0	7,271,232	3.22	71.29
16. TOTAL BIG BEND #4	**437**	**237,580**	**73.1**	**74.1**	**87.4**	**10,393**		**-**	**-**	**2,469,170.0**	**7,811,468**	**3.29**	**-**
17. B.B. 1-4 IGNITION	-	-	-	-	-	-	GAS	14,610	-	15,020.0	65,719	-	4.50
18. BIG BEND 1-4 COAL TOTAL	**1,602**	**431,330**	**36.2**	**63.0**	**78.4**	**10,346**	**COAL**	**194,030**	**22,999,536**	**4,462,600.0**	**13,833,095**	**3.21**	**71.29**
19. B.B.C.T.#4 OIL	0	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
20. B.B.C.T.#4 GAS	56	3,310	7.9	-	93.8	11,779	GAS	37,920	1,028,217	38,990.0	170,573	5.15	4.50
21. B.B.C.T.#4 TOTAL	**56**	**3,310**	**7.9**	**98.3**	**93.8**	**11,779**	**-**	**-**	**-**	**38,990.0**	**170,573**	**5.15**	**-**
22. BIG BEND STATION TOTAL	**1,658**	**474,960**	**38.5**	**64.2**	**85.8**	**10,432**	**-**	**-**	**-**	**4,954,670.0**	**16,051,933**	**3.38**	**-**
23. POLK #1 GASIFIER	220	129,710	79.2	-	97.3	10,218	COAL	46,320	28,614,637	1,325,430.0	4,028,519	3.11	86.97
24. POLK #1 CT GAS	195	12,020	8.3	-	92.0	8,184	GAS	98,620	997,465	98,370.0	430,480	3.58	4.37
25. POLK #1 TOTAL	**220**	**141,730**	**86.6**	**71.6**	**96.8**	**10,046**	**-**	**-**	**-**	**1,423,800.0**	**4,458,999**	**3.15**	**-**
26. POLK #2 CT (GAS)	150	1,500	1.3	-	100.0	11,227	GAS	16,390	1,027,456	16,840.0	73,724	4.91	4.50
27. POLK #2 CT (OIL)	159	140	0.1	-	17.6	10,500	LGT OIL	250	5,880,000	1,470.0	31,871	22.77	127.48
28. POLK #2 TOTAL [4]	**150**	**1,640**	**1.5**	**-**	**71.5**	**11,165**	**-**	**-**	**-**	**18,310.0**	**105,595**	**6.44**	**-**
29. POLK #3 CT GAS	150	1,350	1.2	-	100.0	11,237	GAS	14,760	1,027,778	15,170.0	66,394	4.92	4.50
30. POLK #3 CT OIL	159	140	0.1	-	17.6	10,500	LGT OIL	250	5,880,000	1,470.0	31,871	22.77	127.48
31. POLK #3 TOTAL [4]	**150**	**1,490**	**1.3**	**-**	**69.5**	**11,168**	**-**	**-**	**-**	**16,640.0**	**98,265**	**6.59**	**-**
32. POLK #4 CT GAS [4]	**150**	**1,350**	**1.2**	**-**	**100.0**	**11,237**	**GAS**	**14,760**	**1,027,778**	**15,170.0**	**66,394**	**4.92**	**4.50**
33. POLK #5 CT GAS [4]	**150**	**1,200**	**1.1**	**-**	**100.0**	**11,242**	**GAS**	**13,130**	**1,027,418**	**13,490.0**	**59,062**	**4.92**	**4.50**
34. POLK #2 ST DUCT FIRING	120	12,270	13.7	-	74.6	8,275	GAS	98,760	1,028,048	101,530.0	444,245	3.62	4.50
35. POLK #2 ST W/O DUCT FIRING	341	652,050	-	-	-	-	GAS	4,286,600	1,028,001	4,406,630.0	19,282,083	2.96	4.50
36. POLK #2 CC TOTAL	**1,061**	**664,320**	**84.2**	**97.7**	**72.1**	**6,786**	**GAS**	**-**	**-**	**4,508,160.0**	**19,726,328**	**2.97**	**-**
37. POLK STATION TOTAL	**1,281**	**811,730**	**85.2**	**93.2**	**82.8**	**7,386**	**-**	**-**	**-**	**5,995,570.0**	**24,514,643**	**3.02**	**-**
38. CITY OF TAMPA GAS [5]	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BAYSIDE #1	701	336,960	64.6	96.5	66.8	7,419	GAS	2,431,920	1,027,998	2,500,010.0	10,939,318	3.25	4.50
40. BAYSIDE #2	929	353,330	51.1	96.6	52.8	7,631	GAS	2,622,750	1,028,001	2,696,190.0	11,797,715	3.34	4.50
41. BAYSIDE #3	56	1,690	4.1	98.6	91.5	11,882	GAS	19,540	1,027,636	20,080.0	87,895	5.20	4.50
42. BAYSIDE #4	56	1,050	2.5	98.6	93.8	11,838	GAS	12,090	1,028,122	12,430.0	54,384	5.18	4.50
43. BAYSIDE #5	56	2,600	6.2	98.6	89.3	11,965	GAS	30,260	1,028,090	31,110.0	136,116	5.24	4.50
44. BAYSIDE #6	56	2,260	5.4	98.6	89.7	11,969	GAS	26,320	1,027,736	27,050.0	118,393	5.24	4.50
45. BAYSIDE TOTAL	**1,854**	**697,890**	**50.6**	**96.8**	**59.0**	**7,576**	**GAS**	**5,142,880**	**1,027,998**	**5,286,870.0**	**23,133,821**	**3.31**	**4.50**
46. SYSTEM	**4,815**	**1,989,030**	**55.5**	**84.2**	**92.2**	**8,163**	**-**	**-**	**-**	**16,237,110.0**	**63,700,397**	**3.20**	**-**

LEGEND:
B.B. = BIG BEND NG = NATURAL GAS CC = COMBINED CYCLE
CT = COMBUSTION TURBINE ST = STEAM

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode
[5] City of Tampa on long term reserve standby

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: AUGUST 2017

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)[2]	AS BURNED FUEL COST ($)[1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	250	21.0	-	21.0	-	SOLAR	-	-	-	-	-	-
2. LEGOLAND SOLAR	1.5	250	22.4	-	22.4	-	SOLAR	-	-	-	-	-	-
3. BIG BEND SOLAR	19.4	3,790	26.3	-	26.3	-	SOLAR	-	-	-	-	-	-
4. TOTAL SOLAR [3]	**22.5**	**4,290**	**25.7**	**-**	**25.7**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
5. B.B.#1 NAT GAS CO-FIRE	185	20,530	14.9	-	-	-	NG CO-FIRE	242,400	1,028,012	249,190.0	1,096,286	5.34	4.52
6. B.B.#1 COAL	385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
7. TOTAL BIG BEND #1	**385**	**20,530**	**7.2**	**45.4**	**50.8**	**12,138**		**-**	**-**	**249,190.0**	**1,096,286**	**5.34**	**-**
8. B.B.#2 NAT GAS CO-FIRE	185	0	0.0	-	-	-	NG CO-FIRE	0	0	0.0	0	0.00	0.00
9. B.B.#2 COAL	385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
10. TOTAL BIG BEND #2	**385**	**0**	**0.0**	**57.2**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
11. B.B.#3 NAT GAS CO-FIRE	185	10,810	7.9	-	-	-	NG CO-FIRE	108,250	1,027,991	111,280.0	489,575	4.53	4.52
12. B.B.#3 COAL	395	205,340	69.9	-	-	-	COAL	91,930	22,998,912	2,114,290.0	6,130,693	2.99	66.69
13. TOTAL BIG BEND #3	**395**	**216,150**	**73.6**	**73.5**	**89.6**	**10,296**		**-**	**-**	**2,225,570.0**	**6,620,268**	**3.06**	**-**
14. B.B.#4 NAT GAS CO-FIRE	175	11,840	9.1	-	-	-	NG CO-FIRE	119,800	1,027,963	123,150.0	541,811	4.58	4.52
15. B.B.#4 COAL	437	225,020	69.2	-	-	-	COAL	101,740	22,999,017	2,339,920.0	6,784,908	3.02	66.69
16. TOTAL BIG BEND #4	**437**	**236,860**	**72.9**	**74.1**	**87.1**	**10,399**		**-**	**-**	**2,463,070.0**	**7,326,719**	**3.09**	**-**
17. B.B. 1-4 IGNITION	-	-	-	-	-	-	GAS	17,950	-	18,450.0	81,181	-	4.52
18. BIG BEND 1-4 COAL TOTAL	**1,602**	**430,360**	**36.1**	**63.0**	**77.7**	**10,350**	**COAL**	**193,670**	**22,998,967**	**4,454,210.0**	**12,915,601**	**3.00**	**66.69**
19. B.B.C.T.#4 OIL	0	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
20. B.B.C.T.#4 GAS	56	3,860	9.3	-	90.7	11,907	GAS	44,710	1,027,958	45,960.0	202,207	5.24	4.52
21. B.B.C.T.#4 TOTAL	**56**	**3,860**	**9.3**	**98.3**	**90.7**	**11,907**	**-**	**-**	**-**	**45,960.0**	**202,207**	**5.24**	**-**
22. BIG BEND STATION TOTAL	**1,658**	**477,400**	**38.7**	**64.2**	**85.6**	**10,439**	**-**	**-**	**-**	**4,983,790.0**	**15,326,661**	**3.21**	**-**
23. POLK #1 GASIFIER	220	129,710	79.2	-	97.3	10,242	COAL	46,320	28,679,404	1,328,430.0	3,868,846	2.98	83.52
24. POLK #1 CT GAS	195	8,110	5.6	-	86.6	8,238	GAS	70,830	943,244	66,810.0	293,926	3.62	4.15
25. POLK #1 TOTAL	**220**	**137,820**	**84.2**	**71.6**	**96.6**	**10,124**	**-**	**-**	**-**	**1,395,240.0**	**4,162,772**	**3.02**	**-**
26. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. POLK #2 CT (OIL)	159	110	0.1	-	17.3	10,727	LGT OIL	200	5,900,000	1,180.0	25,497	23.18	127.49
28. POLK #2 TOTAL [4]	**150**	**110**	**0.1**	**-**	**17.3**	**10,727**	**-**	**-**	**-**	**1,180.0**	**25,497**	**23.18**	**-**
29. POLK #3 CT GAS	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
30. POLK #3 CT OIL	159	110	0.1	-	17.3	10,727	LGT OIL	200	5,900,000	1,180.0	25,496	23.18	127.48
31. POLK #3 TOTAL [4]	**150**	**110**	**0.1**	**-**	**17.3**	**10,727**	**-**	**-**	**-**	**1,180.0**	**25,496**	**23.18**	**-**
32. POLK #4 CT GAS [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
33. POLK #5 CT GAS [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
34. POLK #2 ST DUCT FIRING	120	15,080	16.9	-	83.8	8,271	GAS	121,340	1,027,938	124,730.0	548,776	3.64	4.52
35. POLK #2 ST W/O DUCT FIRING	341	668,070	-	-	-	-	GAS	4,392,740	1,027,996	4,515,720.0	19,866,740	2.97	4.52
36. POLK #2 CC TOTAL	**1,061**	**683,150**	**86.5**	**97.7**	**73.0**	**6,793**	**GAS**	**-**	**-**	**4,640,450.0**	**20,415,516**	**2.99**	**-**
37. POLK STATION TOTAL	**1,281**	**821,190**	**86.2**	**93.2**	**82.7**	**7,353**	**-**	**-**	**-**	**6,038,050.0**	**24,629,281**	**3.00**	**-**
38. CITY OF TAMPA GAS [5]	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BAYSIDE #1	701	351,140	67.3	96.5	69.2	7,401	GAS	2,527,950	1,027,999	2,598,730.0	11,432,984	3.26	4.52
40. BAYSIDE #2	929	350,350	50.7	96.6	52.3	7,636	GAS	2,602,380	1,027,997	2,675,240.0	11,769,605	3.36	4.52
41. BAYSIDE #3	56	1,510	3.6	98.6	89.9	12,007	GAS	17,640	1,027,778	18,130.0	79,779	5.28	4.52
42. BAYSIDE #4	56	1,120	2.7	98.6	95.2	11,768	GAS	12,830	1,027,280	13,180.0	58,025	5.18	4.52
43. BAYSIDE #5	56	2,070	5.0	98.6	90.2	11,961	GAS	24,090	1,027,812	24,760.0	108,950	5.26	4.52
44. BAYSIDE #6	56	1,970	4.7	98.6	90.2	11,949	GAS	22,910	1,027,499	23,540.0	103,613	5.26	4.52
45. BAYSIDE TOTAL	**1,854**	**708,160**	**51.3**	**96.8**	**59.8**	**7,560**	**GAS**	**5,207,800**	**1,027,993**	**5,353,580.0**	**23,552,956**	**3.33**	**4.52**
46. SYSTEM	**4,815**	**2,011,040**	**56.1**	**84.2**	**93.3**	**8,143**	**-**	**-**	**-**	**16,375,420.0**	**63,508,898**	**3.16**	**-**

LEGEND:
B.B. = BIG BEND NG = NATURAL GAS CC = COMBINED CYCLE
CT = COMBUSTION TURBINE ST = STEAM

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode
[5] City of Tampa on long term reserve standby

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: SEPTEMBER 2017

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)[2]	AS BURNED FUEL COST ($)[1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR		1.6	220	19.1	-	19.1	-	SOLAR	-	-	-	-	-	-
2. LEGOLAND SOLAR		1.5	210	19.4	-	19.4	-	SOLAR	-	-	-	-	-	-
3. BIG BEND SOLAR		19.4	3,130	22.5	-	22.5	-	SOLAR	-	-	-	-	-	-
4. TOTAL SOLAR	(3)	**22.5**	**3,560**	**22.0**	**-**	**22.0**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
5. B.B.#1 NAT GAS CO-FIRE		185	8,750	6.6	-	-	-	NG CO-FIRE	98,450	1,027,933	101,200.0	442,167	5.05	4.49
6. B.B.#1 COAL		385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
7. TOTAL BIG BEND #1		**385**	**8,750**	**3.2**	**45.4**	**59.8**	**11,566**		**-**	**-**	**101,200.0**	**442,167**	**5.05**	**-**
8. B.B.#2 NAT GAS CO-FIRE		185	24,500	18.4	-	-	-	NG CO-FIRE	274,060	1,027,987	281,730.0	1,230,882	5.02	4.49
9. B.B.#2 COAL		385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
10. TOTAL BIG BEND #2		**385**	**24,500**	**8.8**	**57.2**	**51.3**	**11,499**		**-**	**-**	**281,730.0**	**1,230,882**	**5.02**	**-**
11. B.B.#3 NAT GAS CO-FIRE		185	10,450	7.8	-	-	-	NG CO-FIRE	104,680	1,027,990	107,610.0	470,148	4.50	4.49
12. B.B.#3 COAL		395	198,540	69.8	-	-	-	COAL	88,900	22,999,550	2,044,660.0	5,556,734	2.80	62.51
13. TOTAL BIG BEND #3		**395**	**208,990**	**73.5**	**73.5**	**89.4**	**10,298**		**-**	**-**	**2,152,270.0**	**6,026,882**	**2.88**	**-**
14. B.B.#4 NAT GAS CO-FIRE		175	11,470	9.1	-	-	-	NG CO-FIRE	116,060	1,028,003	119,310.0	521,259	4.54	4.49
15. B.B.#4 COAL		437	217,930	69.3	-	-	-	COAL	98,560	23,000,710	2,266,950.0	6,160,538	2.83	62.51
16. TOTAL BIG BEND #4		**437**	**229,400**	**72.9**	**74.1**	**86.9**	**10,402**		**-**	**-**	**2,386,260.0**	**6,681,797**	**2.91**	**-**
17. B.B. 1-4 IGNITION		-	-	-	-	-	-	GAS	21,290	-	21,880.0	95,619	-	4.49
18. BIG BEND 1-4 COAL TOTAL		**1,602**	**416,470**	**36.1**	**63.0**	**74.3**	**10,353**	**COAL**	**187,460**	**23,000,160**	**4,311,610.0**	**11,717,272**	**2.81**	**62.51**
19. B.B.C.T.#4 OIL		0	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
20. B.B.C.T.#4 GAS		56	3,370	8.4	-	94.0	11,742	GAS	38,500	1,027,792	39,570.0	172,914	5.13	4.49
21. B.B.C.T.#4 TOTAL		**56**	**3,370**	**8.4**	**98.3**	**94.0**	**11,742**	**-**	**-**	**-**	**39,570.0**	**172,914**	**5.13**	**-**
22. BIG BEND STATION TOTAL		**1,658**	**475,010**	**39.8**	**64.2**	**84.3**	**10,444**	**-**	**-**	**-**	**4,961,030.0**	**14,650,260**	**3.08**	**-**
23. POLK #1 GASIFIER		220	16,820	10.6	-	96.8	10,390	COAL	6,020	29,029,900	174,760.0	552,143	3.28	91.72
24. POLK #1 CT GAS		195	13,330	9.5	-	97.7	8,250	GAS	109,900	1,000,637	109,970.0	480,478	3.60	4.37
25. POLK #1 TOTAL		**220**	**30,150**	**19.0**	**9.5**	**97.2**	**9,444**	**-**	**-**	**-**	**284,730.0**	**1,032,621**	**3.42**	**-**
26. POLK #2 CT (GAS)		150	1,780	1.6	-	98.9	11,242	GAS	19,460	1,028,263	20,010.0	87,399	4.91	4.49
27. POLK #2 CT (OIL)		159	110	0.1	-	17.3	11,091	LGT OIL	210	5,809,524	1,220.0	26,771	24.34	127.48
28. POLK #2 TOTAL	(4)	**150**	**1,890**	**1.8**	**-**	**77.6**	**11,233**	**-**	**-**	**-**	**21,230.0**	**114,170**	**6.04**	**-**
29. POLK #3 CT GAS		150	1,770	1.6	-	98.3	11,215	GAS	19,310	1,027,965	19,850.0	86,727	4.90	4.49
30. POLK #3 CT OIL		159	110	0.1	-	17.3	11,091	LGT OIL	210	5,809,524	1,220.0	26,772	24.34	127.49
31. POLK #3 TOTAL	(4)	**150**	**1,880**	**1.7**	**-**	**77.2**	**11,207**	**-**	**-**	**-**	**21,070.0**	**113,499**	**6.04**	**-**
32. POLK #4 CT GAS	(4)	**150**	**1,500**	**1.4**	**-**	**100.0**	**11,167**	**GAS**	**16,300**	**1,027,607**	**16,750.0**	**73,208**	**4.88**	**4.49**
33. POLK #5 CT GAS	(4)	**150**	**1,350**	**1.3**	**-**	**100.0**	**11,237**	**GAS**	**14,760**	**1,027,778**	**15,170.0**	**66,291**	**4.91**	**4.49**
34. POLK #2 ST DUCT FIRING		120	12,480	14.4	-	84.6	8,272	GAS	100,420	1,027,982	103,230.0	451,015	3.61	4.49
35. POLK #2 ST W/O DUCT FIRING		341	654,130	-	-	-	-	GAS	4,301,820	1,028,000	4,422,270.0	19,320,695	2.95	4.49
36. POLK #2 CC TOTAL		**1,061**	**666,610**	**87.3**	**97.7**	**75.6**	**6,789**	**GAS**	**-**	**-**	**4,525,500.0**	**19,771,710**	**2.97**	**-**
37. POLK STATION TOTAL		**1,281**	**703,380**	**76.3**	**82.6**	**79.2**	**6,944**	**-**	**-**	**-**	**4,884,450.0**	**21,171,499**	**3.01**	**-**
38. CITY OF TAMPA GAS	(5)	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BAYSIDE #1		701	354,520	70.2	96.5	72.2	7,380	GAS	2,545,140	1,027,998	2,616,400.0	11,430,946	3.22	4.49
40. BAYSIDE #2		929	359,720	53.8	96.6	55.9	7,591	GAS	2,656,210	1,027,995	2,730,570.0	11,929,794	3.32	4.49
41. BAYSIDE #3		56	1,160	2.9	98.6	94.2	11,905	GAS	13,430	1,028,295	13,810.0	60,318	5.20	4.49
42. BAYSIDE #4		56	910	2.3	98.6	95.6	11,802	GAS	10,440	1,028,736	10,740.0	46,889	5.15	4.49
43. BAYSIDE #5		56	2,190	5.4	98.6	90.9	11,927	GAS	25,420	1,027,537	26,120.0	114,168	5.21	4.49
44. BAYSIDE #6		56	1,400	3.5	98.6	92.6	11,936	GAS	16,260	1,027,675	16,710.0	73,028	5.22	4.49
45. BAYSIDE TOTAL		**1,854**	**719,900**	**53.9**	**96.8**	**63.1**	**7,521**	**GAS**	**5,266,900**	**1,027,996**	**5,414,350.0**	**23,655,143**	**3.29**	**4.49**
46. SYSTEM		**4,815**	**1,901,850**	**54.9**	**81.3**	**95.0**	**8,024**	**-**	**-**	**-**	**15,259,830.0**	**59,476,902**	**3.13**	**-**

LEGEND:
B.B. = BIG BEND NG = NATURAL GAS CC = COMBINED CYCLE
CT = COMBUSTION TURBINE ST = STEAM

(1) As burned fuel cost system total includes ignition
(2) Fuel burned (MM BTU) system total excludes ignition
(3) AC rating
(4) In Simple Cycle Mode
(5) City of Tampa on long term reserve standby

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: OCTOBER 2017

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)[2]	AS BURNED FUEL COST ($)[1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	250	21.0	-	21.0	-	SOLAR	-	-	-	-	-	-
2. LEGOLAND SOLAR	1.5	210	18.8	-	18.8	-	SOLAR	-	-	-	-	-	-
3. BIG BEND SOLAR	19.4	3,220	22.4	-	22.4	-	SOLAR	-	-	-	-	-	-
4. TOTAL SOLAR [3]	**22.5**	**3,680**	**22.0**	**-**	**22.0**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
5. B.B.#1 NAT GAS CO-FIRE	185	29,430	21.4	-	-	-	NG CO-FIRE	351,640	1,027,983	361,480.0	1,623,663	5.52	4.62
6. B.B.#1 COAL	385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
7. TOTAL BIG BEND #1	**385**	**29,430**	**10.3**	**45.4**	**49.0**	**12,283**		**-**	**-**	**361,480.0**	**1,623,663**	**5.52**	**-**
8. B.B.#2 NAT GAS CO-FIRE	185	17,380	12.6	-	-	-	NG CO-FIRE	194,420	1,028,032	199,870.0	897,715	5.17	4.62
9. B.B.#2 COAL	385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
10. TOTAL BIG BEND #2	**385**	**17,380**	**6.1**	**57.2**	**51.3**	**11,500**		**-**	**-**	**199,870.0**	**897,715**	**5.17**	**-**
11. B.B.#3 NAT GAS CO-FIRE	185	10,690	7.8	-	-	-	NG CO-FIRE	107,200	1,027,985	110,200.0	494,985	4.63	4.62
12. B.B.#3 COAL	395	203,140	69.1	-	-	-	COAL	91,030	23,000,549	2,093,740.0	5,617,630	2.77	61.71
13. TOTAL BIG BEND #3	**395**	**213,830**	**72.8**	**73.5**	**88.6**	**10,307**		**-**	**-**	**2,203,940.0**	**6,112,615**	**2.86**	**-**
14. B.B.#4 NAT GAS CO-FIRE	175	10,380	8.0	-	-	-	NG CO-FIRE	105,170	1,027,955	108,110.0	485,612	4.68	4.62
15. B.B.#4 COAL	437	197,270	60.7	-	-	-	COAL	89,310	22,999,552	2,054,090.0	5,511,481	2.79	61.71
16. TOTAL BIG BEND #4	**437**	**207,650**	**63.9**	**74.1**	**86.6**	**10,413**		**-**	**-**	**2,162,200.0**	**5,997,093**	**2.89**	**-**
17. B.B. 1-4 IGNITION	-	-	-	-	-	-	GAS	35,490	-	36,470.0	163,872	-	4.62
18. BIG BEND 1-4 COAL TOTAL	**1,602**	**400,410**	**33.6**	**63.0**	**69.6**	**10,359**	**COAL**	**180,340**	**23,000,055**	**4,147,830.0**	**11,129,111**	**2.78**	**61.71**
19. B.B.C.T.#4 OIL	0	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
20. B.B.C.T.#4 GAS	56	2,990	7.2	-	92.1	11,836	GAS	34,430	1,027,883	35,390.0	158,977	5.32	4.62
21. B.B.C.T.#4 TOTAL	**56**	**2,990**	**7.2**	**98.3**	**92.1**	**11,836**	**-**	**-**	**-**	**35,390.0**	**158,977**	**5.32**	**-**
22. BIG BEND STATION TOTAL	**1,658**	**471,280**	**38.2**	**64.2**	**81.5**	**10,531**	**-**	**-**	**-**	**4,962,880.0**	**14,953,936**	**3.17**	**-**
23. POLK #1 GASIFIER	220	112,970	69.0	-	97.3	10,255	COAL	40,350	28,712,020	1,158,530.0	3,346,768	2.96	82.94
24. POLK #1 CT GAS	195	11,940	8.2	-	91.4	8,150	GAS	101,090	962,608	97,310.0	437,129	3.66	4.32
25. POLK #1 TOTAL	**220**	**124,910**	**76.3**	**71.6**	**96.7**	**10,054**	**-**	**-**	**-**	**1,255,840.0**	**3,783,897**	**3.03**	**-**
26. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. POLK #2 CT (OIL)	159	140	0.1	-	17.6	10,571	LGT OIL	260	5,692,308	1,480.0	33,146	23.68	127.48
28. POLK #2 TOTAL [4]	**150**	**140**	**0.1**	**-**	**17.6**	**10,571**	**-**	**-**	**-**	**1,480.0**	**33,146**	**23.68**	**-**
29. POLK #3 CT GAS	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
30. POLK #3 CT OIL	159	140	0.1	-	17.6	10,571	LGT OIL	260	5,692,308	1,480.0	33,145	23.68	127.48
31. POLK #3 TOTAL [4]	**150**	**140**	**0.1**	**-**	**17.6**	**10,571**	**-**	**-**	**-**	**1,480.0**	**33,145**	**23.68**	**-**
32. POLK #4 CT GAS [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
33. POLK #5 CT GAS [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
34. POLK #2 ST DUCT FIRING	120	10,490	11.7	-	87.4	8,273	GAS	84,420	1,027,955	86,780.0	389,801	3.72	4.62
35. POLK #2 ST W/O DUCT FIRING	341	608,950	-	-	-	-	GAS	4,002,660	1,027,999	4,114,730.0	18,481,889	3.04	4.62
36. POLK #2 CC TOTAL	**1,061**	**619,440**	**78.5**	**97.7**	**70.2**	**6,783**	**GAS**	**-**	**-**	**4,201,510.0**	**18,871,690**	**3.05**	**-**
37. POLK STATION TOTAL	**1,281**	**744,630**	**78.1**	**93.2**	**80.8**	**7,333**	**-**	**-**	**-**	**5,460,310.0**	**22,721,878**	**3.05**	**-**
38. CITY OF TAMPA GAS [5]	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BAYSIDE #1	701	271,030	52.0	96.5	57.7	7,502	GAS	1,977,900	1,027,999	2,033,280.0	9,132,759	3.37	4.62
40. BAYSIDE #2	929	172,690	25.0	74.8	41.1	7,831	GAS	1,315,580	1,027,995	1,352,410.0	6,074,561	3.52	4.62
41. BAYSIDE #3	56	1,590	3.8	98.6	94.6	11,730	GAS	18,150	1,027,548	18,650.0	83,806	5.27	4.62
42. BAYSIDE #4	56	1,480	3.6	98.6	94.4	11,872	GAS	17,090	1,028,087	17,570.0	78,911	5.33	4.62
43. BAYSIDE #5	56	2,240	5.4	98.6	93.0	11,813	GAS	25,740	1,027,972	26,460.0	118,852	5.31	4.62
44. BAYSIDE #6	56	1,980	4.8	98.6	93.0	11,884	GAS	22,900	1,027,511	23,530.0	105,739	5.34	4.62
45. BAYSIDE TOTAL	**1,854**	**451,010**	**32.7**	**85.9**	**50.3**	**7,698**	**GAS**	**3,377,360**	**1,027,992**	**3,471,900.0**	**15,594,628**	**3.46**	**4.62**
46. SYSTEM	**4,815**	**1,670,600**	**46.6**	**80.0**	**89.3**	**8,317**	**-**	**-**	**-**	**13,895,090.0**	**53,270,442**	**3.19**	**-**

LEGEND:
B.B. = BIG BEND NG = NATURAL GAS CC = COMBINED CYCLE
CT = COMBUSTION TURBINE ST = STEAM

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode
[5] City of Tampa on long term reserve standby

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: NOVEMBER 2017

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)[2]	AS BURNED FUEL COST ($)[1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	230	20.0	-	20.0	-	SOLAR	-	-	-	-	-	-
2. LEGOLAND SOLAR	1.5	170	15.7	-	15.7	-	SOLAR	-	-	-	-	-	-
3. BIG BEND SOLAR	19.4	2,730	19.6	-	19.6	-	SOLAR	-	-	-	-	-	-
4. TOTAL SOLAR [3]	**22.5**	**3,130**	**19.4**	**-**	**19.4**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
5. B.B.#1 NAT GAS CO-FIRE	185	0	0.0	-	-	-	NG CO-FIRE	0	0	0.0	0	0.00	0.00
6. B.B.#1 COAL	385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
7. TOTAL BIG BEND #1	**385**	**0**	**0.0**	**45.4**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
8. B.B.#2 NAT GAS CO-FIRE	185	0	0.0	-	-	-	NG CO-FIRE	0	0	0.0	0	0.00	0.00
9. B.B.#2 COAL	385	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
10. TOTAL BIG BEND #2	**385**	**0**	**0.0**	**57.2**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
11. B.B.#3 NAT GAS CO-FIRE	185	10,120	7.6	-	-	-	NG CO-FIRE	101,380	1,027,915	104,210.0	470,231	4.65	4.64
12. B.B.#3 COAL	395	192,320	67.6	-	-	-	COAL	86,090	23,000,000	1,980,070.0	5,034,022	2.62	58.47
13. TOTAL BIG BEND #3	**395**	**202,440**	**71.2**	**71.0**	**89.6**	**10,296**		**-**	**-**	**2,084,280.0**	**5,504,253**	**2.72**	**-**
14. B.B.#4 NAT GAS CO-FIRE	175	3,100	2.5	-	-	-	NG CO-FIRE	31,520	1,027,919	32,400.0	146,199	4.72	4.64
15. B.B.#4 COAL	437	58,920	18.7	-	-	-	COAL	26,770	22,998,879	615,680.0	1,565,348	2.66	58.47
16. TOTAL BIG BEND #4	**437**	**62,020**	**19.7**	**49.4**	**83.0**	**10,450**		**-**	**-**	**648,080.0**	**1,711,547**	**2.76**	**-**
17. B.B. 1-4 IGNITION	-	-	-	-	-	-	GAS	9,180	-	9,440.0	42,580	-	4.64
18. BIG BEND 1-4 COAL TOTAL	**1,602**	**251,240**	**21.8**	**55.7**	**83.6**	**10,332**	**COAL**	**112,860**	**22,999,734**	**2,595,750.0**	**6,599,370**	**2.63**	**58.47**
19. B.B.C.T.#4 OIL	0	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
20. B.B.C.T.#4 GAS	56	150	0.4	-	89.3	13,133	GAS	1,930	1,020,725	1,970.0	8,952	5.97	4.64
21. B.B.C.T.#4 TOTAL	**56**	**150**	**0.4**	**98.3**	**89.3**	**13,133**	**-**	**-**	**-**	**1,970.0**	**8,952**	**5.97**	**-**
22. BIG BEND STATION TOTAL	**1,658**	**264,610**	**22.2**	**57.1**	**88.0**	**10,333**	**-**	**-**	**-**	**2,734,330.0**	**7,267,332**	**2.75**	**-**
23. POLK #1 GASIFIER	220	125,540	79.3	-	97.2	10,222	COAL	44,840	28,618,198	1,283,240.0	3,673,147	2.93	81.92
24. POLK #1 CT GAS	195	2,690	1.9	-	86.2	8,257	GAS	24,530	905,422	22,210.0	100,234	3.73	4.09
25. POLK #1 TOTAL	**220**	**128,230**	**81.0**	**71.6**	**97.0**	**10,181**	**-**	**-**	**-**	**1,305,450.0**	**3,773,381**	**2.94**	**-**
26. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. POLK #2 CT (OIL)	159	90	0.1	-	18.9	10,111	LGT OIL	160	5,687,500	910.0	20,397	22.66	127.48
28. POLK #2 TOTAL [4]	**150**	**90**	**0.1**	**-**	**18.9**	**10,111**	**-**	**-**	**-**	**910.0**	**20,397**	**22.66**	**-**
29. POLK #3 CT GAS	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
30. POLK #3 CT OIL	159	90	0.1	-	18.9	10,111	LGT OIL	160	5,687,500	910.0	20,398	22.66	127.49
31. POLK #3 TOTAL [4]	**150**	**90**	**0.1**	**-**	**18.9**	**10,111**	**-**	**-**	**-**	**910.0**	**20,398**	**22.66**	**-**
32. POLK #4 CT GAS [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
33. POLK #5 CT GAS [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
34. POLK #2 ST DUCT FIRING	120	560	0.6	-	77.8	8,232	GAS	4,490	1,026,726	4,610.0	20,826	3.72	4.64
35. POLK #2 ST W/O DUCT FIRING	341	609,360	-	-	-	-	GAS	4,005,250	1,028,001	4,117,400.0	18,577,576	3.05	4.64
36. POLK #2 CC TOTAL	**1,061**	**609,920**	**79.8**	**97.7**	**81.1**	**6,758**	**GAS**	**-**	**-**	**4,122,010.0**	**18,598,402**	**3.05**	**-**
37. POLK STATION TOTAL	**1,281**	**738,330**	**80.1**	**93.2**	**88.1**	**7,353**	**-**	**-**	**-**	**5,429,280.0**	**22,412,578**	**3.04**	**-**
38. CITY OF TAMPA GAS [5]	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BAYSIDE #1	701	211,750	42.0	90.1	49.4	7,598	GAS	1,565,080	1,027,999	1,608,900.0	7,259,320	3.43	4.64
40. BAYSIDE #2	929	126,400	18.9	96.6	31.3	8,126	GAS	999,180	1,028,003	1,027,160.0	4,634,502	3.67	4.64
41. BAYSIDE #3	56	50	0.1	98.6	89.3	11,200	GAS	540	1,037,037	560.0	2,505	5.01	4.64
42. BAYSIDE #4	56	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
43. BAYSIDE #5	56	50	0.1	98.6	89.3	12,200	GAS	590	1,033,898	610.0	2,737	5.47	4.64
44. BAYSIDE #6	56	50	0.1	98.6	89.3	11,200	GAS	540	1,037,037	560.0	2,505	5.01	4.64
45. BAYSIDE TOTAL	**1,854**	**338,300**	**25.3**	**91.4**	**40.6**	**7,797**	**GAS**	**2,565,930**	**1,028,005**	**2,637,790.0**	**11,901,569**	**3.52**	**4.64**
46. SYSTEM	**4,815**	**1,344,370**	**38.8**	**79.7**	**89.1**	**8,035**	**-**	**-**	**-**	**10,801,400.0**	**41,581,479**	**3.09**	**-**

LEGEND:
B.B. = BIG BEND NG = NATURAL GAS CC = COMBINED CYCLE
CT = COMBUSTION TURBINE ST = STEAM

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode
[5] City of Tampa on long term reserve standby

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: DECEMBER 2017

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU)[2]	AS BURNED FUEL COST ($)[1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	220	18.5	-	18.5	-	SOLAR	-	-	-	-	-	-
2. LEGOLAND SOLAR	1.5	150	13.4	-	13.4	-	SOLAR	-	-	-	-	-	-
3. BIG BEND SOLAR	19.4	2,430	16.9	-	16.9	-	SOLAR	-	-	-	-	-	-
4. TOTAL SOLAR [3]	**22.5**	**2,800**	**16.8**	**-**	**16.8**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
5. B.B.#1 NAT GAS CO-FIRE	185	6,000	4.4	-	-	-	NG CO-FIRE	71,230	1,028,078	73,230.0	340,932	5.68	4.79
6. B.B.#1 COAL	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
7. TOTAL BIG BEND #1	**395**	**6,000**	**2.0**	**30.8**	**46.0**	**12,205**		**-**	**-**	**73,230.0**	**340,932**	**5.68**	**-**
8. B.B.#2 NAT GAS CO-FIRE	185	19,980	14.5	-	-	-	NG CO-FIRE	224,740	1,027,988	231,030.0	1,075,685	5.38	4.79
9. B.B.#2 COAL	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
10. TOTAL BIG BEND #2	**395**	**19,980**	**6.8**	**38.8**	**48.2**	**11,563**		**-**	**-**	**231,030.0**	**1,075,685**	**5.38**	**-**
11. B.B.#3 NAT GAS CO-FIRE	185	7,710	5.6	-	-	-	NG CO-FIRE	76,970	1,027,933	79,120.0	368,406	4.78	4.79
12. B.B.#3 COAL	400	146,470	49.2	-	-	-	COAL	65,360	23,001,224	1,503,360.0	4,027,758	2.75	61.62
13. TOTAL BIG BEND #3	**400**	**154,180**	**51.8**	**52.1**	**88.8**	**10,264**		**-**	**-**	**1,582,480.0**	**4,396,164**	**2.85**	**-**
14. B.B.#4 NAT GAS CO-FIRE	175	11,920	9.2	-	-	-	NG CO-FIRE	119,840	1,028,037	123,200.0	573,597	4.81	4.79
15. B.B.#4 COAL	442	226,430	68.9	-	-	-	COAL	101,770	23,000,000	2,340,710.0	6,271,494	2.77	61.62
16. TOTAL BIG BEND #4	**442**	**238,350**	**72.5**	**74.1**	**87.0**	**10,337**		**-**	**-**	**2,463,910.0**	**6,845,091**	**2.87**	**-**
17. B.B. 1-4 IGNITION	-	-	-	-	-	-	GAS	31,310	-	32,180.0	149,861	-	4.79
18. BIG BEND 1-4 COAL TOTAL	**1,632**	**372,900**	**30.7**	**49.7**	**74.3**	**10,309**	**COAL**	**167,130**	**23,000,479**	**3,844,070.0**	**10,299,252**	**2.76**	**61.62**
19. B.B.C.T.#4 OIL	0	0	0.0	0.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
20. B.B.C.T.#4 GAS	61	340	0.7	-	92.9	11,647	GAS	3,840	1,031,250	3,960.0	18,380	5.41	4.79
21. B.B.C.T.#4 TOTAL	**61**	**340**	**0.7**	**98.3**	**92.9**	**11,647**	**-**	**-**	**-**	**3,960.0**	**18,380**	**5.41**	**-**
22. BIG BEND STATION TOTAL	**1,693**	**418,850**	**33.3**	**51.4**	**83.4**	**10,397**	**-**	**-**	**-**	**4,354,610.0**	**12,826,112**	**3.06**	**-**
23. POLK #1 GASIFIER	220	129,710	79.2	-	97.3	10,218	COAL	46,320	28,614,637	1,325,430.0	3,788,541	2.92	81.79
24. POLK #1 CT GAS	205	11,150	7.3	-	82.4	8,284	GAS	92,780	995,581	92,370.0	430,102	3.86	4.64
25. POLK #1 TOTAL	**220**	**140,860**	**86.1**	**71.6**	**95.9**	**10,065**	**-**	**-**	**-**	**1,417,800.0**	**4,218,643**	**2.99**	**-**
26. POLK #2 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
27. POLK #2 CT (OIL)	187	140	0.1	-	15.0	10,571	LGT OIL	260	5,692,308	1,480.0	33,146	23.68	127.48
28. POLK #2 TOTAL [4]	**180**	**140**	**0.1**	**-**	**15.0**	**10,571**	**-**	**-**	**-**	**1,480.0**	**33,146**	**23.68**	**-**
29. POLK #3 CT GAS	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
30. POLK #3 CT OIL	187	140	0.1	-	15.0	10,571	LGT OIL	260	5,692,308	1,480.0	33,145	23.68	127.48
31. POLK #3 TOTAL [4]	**180**	**140**	**0.1**	**-**	**15.0**	**10,571**	**-**	**-**	**-**	**1,480.0**	**33,145**	**23.68**	**-**
32. POLK #4 CT GAS [4]	**180**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
33. POLK #5 CT GAS [4]	**180**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
34. POLK #2 ST DUCT FIRING	120	2,680	3.0	-	74.4	8,160	GAS	21,280	1,027,726	21,870.0	101,854	3.80	4.79
35. POLK #2 ST W/O DUCT FIRING	360	609,090	-	-	-	-	GAS	4,012,590	1,027,999	4,124,940.0	19,205,675	3.15	4.79
36. POLK #2 CC TOTAL	**1,200**	**611,770**	**68.5**	**97.7**	**66.9**	**6,778**	**GAS**	**-**	**-**	**4,146,810.0**	**19,307,529**	**3.16**	**-**
37. POLK STATION TOTAL	**1,420**	**752,910**	**71.3**	**93.7**	**80.0**	**7,395**	**-**	**-**	**-**	**5,567,570.0**	**23,592,463**	**3.13**	**-**
38. CITY OF TAMPA GAS [5]	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BAYSIDE #1	792	145,160	24.6	65.4	39.1	7,569	GAS	1,068,760	1,028,014	1,098,700.0	5,115,463	3.52	4.79
40. BAYSIDE #2	1,047	134,010	17.2	96.6	29.2	7,996	GAS	1,042,410	1,027,993	1,071,590.0	4,989,344	3.72	4.79
41. BAYSIDE #3	61	100	0.2	98.6	82.0	12,500	GAS	1,220	1,024,590	1,250.0	5,839	5.84	4.79
42. BAYSIDE #4	61	220	0.5	98.6	90.2	11,955	GAS	2,560	1,027,344	2,630.0	12,253	5.57	4.79
43. BAYSIDE #5	61	280	0.6	98.6	91.8	11,607	GAS	3,160	1,028,481	3,250.0	15,125	5.40	4.79
44. BAYSIDE #6	61	220	0.5	98.6	90.2	11,864	GAS	2,540	1,027,559	2,610.0	12,157	5.53	4.79
45. BAYSIDE TOTAL	**2,083**	**279,990**	**18.1**	**85.0**	**33.7**	**7,786**	**GAS**	**2,120,650**	**1,028,001**	**2,180,030.0**	**10,150,181**	**3.63**	**4.79**
46. SYSTEM	**5,218**	**1,454,550**	**37.5**	**76.1**	**83.1**	**8,320**	**-**	**-**	**-**	**12,102,210.0**	**46,568,756**	**3.20**	**-**

LEGEND:
B.B. = BIG BEND **NG = NATURAL GAS** **CC = COMBINED CYCLE**
CT = COMBUSTION TURBINE **ST = STEAM**

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode
[5] City of Tampa on long term reserve standby

TAMPA ELECTRIC COMPANY
SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
ACTUAL FOR THE PERIOD: JANUARY 2017 THROUGH JUNE 2017

SCHEDULE E5

	ACTUAL					
	Jan-17	**Feb-17**	**Mar-17**	**Apr-17**	**May-17**	**Jun-17**
HEAVY OIL						
1. PURCHASES:						
2. UNITS (BBL)	0	0	0	0	0	0
3. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT ($)	0	0	0	0	0	0
5. BURNED:						
6. UNITS (BBL)	0	0	0	0	0	0
7. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT ($)	0	0	0	0	0	0
9. ENDING INVENTORY:						
10. UNITS (BBL)	0	0	0	0	0	0
11. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT ($)	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0
LIGHT OIL						
14. PURCHASES:						
15. UNITS (BBL)	0	0	0	0	0	0
16. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
17. AMOUNT ($)	0	0	0	0	0	0
18. BURNED:						
19. UNITS (BBL)	0	0	0	0	0	0
20. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
21. AMOUNT ($)	0	0	0	0	0	0
22. ENDING INVENTORY:						
23. UNITS (BBL)	44,488	44,488	44,488	44,488	44,488	44,488
24. UNIT COST ($/BBL)	127.48	127.48	127.48	127.48	127.48	127.48
25. AMOUNT ($)	5,671,463	5,671,463	5,671,463	5,671,463	5,671,463	5,671,463
26. DAYS SUPPLY: NORMAL	3,018	3,274	3,593	3,941	4,511	5,074
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	6	6
COAL						
28. PURCHASES:						
29. UNITS (TONS)	231,097	263,607	383,516	345,265	315,325	341,611
30. UNIT COST ($/TON)	82.97	73.26	67.75	71.99	73.31	72.01
31. AMOUNT ($)	19,174,084	19,312,768	25,983,621	24,854,940	23,116,828	24,597,761
32. BURNED:						
33. UNITS (TONS)	326,104	289,996	195,713	241,840	285,922	329,281
34. UNIT COST ($/TON)	73.89	72.32	72.05	70.24	71.72	77.71
35. AMOUNT ($)	24,095,967	20,973,102	14,101,595	16,987,481	20,507,333	25,587,875
36. ENDING INVENTORY:						
37. UNITS (TONS)	232,698	206,309	394,112	497,537	526,940	539,270
38. UNIT COST ($/TON)	70.86	72.93	69.76	72.29	74.51	73.43
39. AMOUNT ($)	16,488,053	15,045,585	27,495,127	35,969,249	39,263,288	39,595,944
40. DAYS SUPPLY:	23	20	37	47	50	45
NATURAL GAS						
41. PURCHASES:						
42. UNITS (MCF)	4,935,919	4,536,743	7,213,157	7,973,416	9,621,092	8,132,465
43. UNIT COST ($/MCF)	4.94	4.60	3.90	3.93	4.30	4.29
44. AMOUNT ($)	24,376,338	20,888,335	28,098,424	31,307,466	41,365,542	34,881,167
45. BURNED:						
46. UNITS (MCF)	5,166,093	4,413,807	7,280,323	7,892,782	9,492,717	8,141,667
47. UNIT COST ($/MCF)	4.81	4.60	3.86	3.93	4.29	4.26
48. AMOUNT ($)	24,850,511	20,325,136	28,136,560	30,988,056	40,723,479	34,651,096
49. ENDING INVENTORY:						
50. UNITS (MCF)	738,657	861,593	794,427	875,061	1,003,436	994,234
51. UNIT COST ($/MCF)	3.00	3.09	3.08	2.95	3.16	3.20
52. AMOUNT ($)	2,215,095	2,659,195	2,449,202	2,581,994	3,170,675	3,179,847
53. DAYS SUPPLY:	4	4	4	4	4	4
NUCLEAR						
54. BURNED:						
55. UNITS (MMBTU)	0	0	0	0	0	0
56. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT ($)	0	0	0	0	0	0
OTHER						
58. PURCHASES:						
59. UNITS (MMBTU)	0	0	0	0	0	0
60. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT ($)	0	0	0	0	0	0
62. BURNED:						
63. UNITS (MMBTU)	0	0	0	0	0	0
64. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT ($)	0	0	0	0	0	0
66. ENDING INVENTORY:						
67. UNITS (MMBTU)	0	0	0	0	0	0
68. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT ($)	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0

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

TAMPA ELECTRIC COMPANY
SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
ESTIMATED FOR THE PERIOD: JULY 2017 THROUGH DECEMBER 2017

SCHEDULE E5

	Estimated						
	Jul-17	**Aug-17**	**Sep-17**	**Oct-17**	**Nov-17**	**Dec-17**	**TOTAL**
HEAVY OIL							
1. PURCHASES:							
2. UNITS (BBL)	0	0	0	0	0	0	0
3. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT ($)	0	0	0	0	0	0	0
5. BURNED:							
6. UNITS (BBL)	0	0	0	0	0	0	0
7. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT ($)	0	0	0	0	0	0	0
9. ENDING INVENTORY:							
10. UNITS (BBL)	0	0	0	0	0	0	0
11. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT ($)	0	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0	-
LIGHT OIL							
14. PURCHASES:							
15. UNITS (BBL)	0	0	0	0	0	0	0
16. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17. AMOUNT ($)	0	0	0	0	0	0	0
18. BURNED:							
19. UNITS (BBL)	500	400	420	520	320	520	2,680
20. UNIT COST ($/BBL)	127.48	127.48	127.48	127.48	127.48	127.48	127.48
21. AMOUNT ($)	63,742	50,993	53,543	66,291	40,795	66,291	341,655
22. ENDING INVENTORY:							
23. UNITS (BBL)	43,988	43,588	43,168	42,648	42,328	41,808	41,808
24. UNIT COST ($/BBL)	127.48	127.48	127.48	127.48	127.48	127.48	127.48
25. AMOUNT ($)	5,607,722	5,556,729	5,503,186	5,436,894	5,396,100	5,329,809	5,329,809
26. DAYS SUPPLY: NORMAL	2,973	3,002	2,918	2,883	2,861	2,826	-
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	6	6	
COAL							
28. PURCHASES:							
29. UNITS (TONS)	295,000	160,000	250,000	240,000	164,000	180,000	3,169,421
30. UNIT COST ($/TON)	71.64	54.73	59.30	61.35	57.32	76.09	69.28
31. AMOUNT ($)	21,132,857	8,756,517	14,823,812	14,722,936	9,400,303	13,696,125	219,572,552
32. BURNED:							
33. UNITS (TONS)	240,350	239,990	193,480	220,690	157,700	213,450	2,934,516
34. UNIT COST ($/TON)	74.59	70.28	63.91	66.34	65.41	66.70	71.09
35. AMOUNT ($)	17,927,333	16,865,628	12,365,034	14,639,751	10,315,097	14,237,654	208,603,850
36. ENDING INVENTORY:							
37. UNITS (TONS)	646,008	566,018	622,538	641,848	648,148	614,698	614,698
38. UNIT COST ($/TON)	70.65	66.65	64.86	63.55	61.74	64.62	64.62
39. AMOUNT ($)	45,643,623	37,725,110	40,378,627	40,787,123	40,014,458	39,719,771	39,719,771
40. DAYS SUPPLY:	88	80	99	100	99	87	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	10,352,252	10,325,820	10,501,910	8,199,327	6,501,020	6,775,230	95,068,351
43. UNIT COST ($/MCF)	4.51	4.53	4.49	4.65	4.68	4.80	4.44
44. AMOUNT ($)	46,708,250	46,734,670	47,142,339	38,090,916	30,455,161	32,516,398	422,565,006
45. BURNED:							
46. UNITS (MCF)	10,179,170	10,325,820	10,501,910	8,393,880	6,744,210	6,775,230	95,307,609
47. UNIT COST ($/MCF)	4.49	4.51	4.48	4.59	4.63	4.76	4.42
48. AMOUNT ($)	45,709,322	46,592,277	47,058,325	38,564,400	31,225,587	32,264,811	421,089,560
49. ENDING INVENTORY:							
50. UNITS (MCF)	1,167,315	1,167,315	1,167,315	972,763	729,572	729,572	729,572
51. UNIT COST ($/MCF)	3.51	3.54	3.52	3.54	3.59	3.71	3.71
52. AMOUNT ($)	4,099,920	4,134,720	4,110,000	3,443,000	2,616,450	2,704,200	2,704,200
53. DAYS SUPPLY:	4	4	4	3	3	3	-
NUCLEAR							
54. BURNED:							
55. UNITS (MMBTU)	0	0	0	0	0	0	0
56. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT ($)	0	0	0	0	0	0	0
OTHER							
58. PURCHASES:							
59. UNITS (MMBTU)	0	0	0	0	0	0	0
60. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT ($)	0	0	0	0	0	0	0
62. BURNED:							
63. UNITS (MMBTU)	0	0	0	0	0	0	0
64. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT ($)	0	0	0	0	0	0	0
66. ENDING INVENTORY:							
67. UNITS (MMBTU)	0	0	0	0	0	0	0
68. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT ($)	0	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0	

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

TAMPA ELECTRIC COMPANY
POWER SOLD
ACTUAL FOR THE PERIOD: JANUARY 2017 THROUGH JUNE 2017

SCHEDULE E6

(1)	(2)		(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
					MWH		CENTS/KWH				
			TYPE	TOTAL	WHEELED FROM	MWH	(A)	(B)	TOTAL $		GAINS ON
MONTH	SOLD TO		& SCHEDULE	MWH SOLD	OTHER SYSTEMS	FROM OWN GENERATION	FUEL COST	TOTAL COST	FOR FUEL ADJUSTMENT	TOTAL COST	MARKET BASED SALES
ACTUAL											
Jan-17	SEMINOLE	JURISD.	SCH. - D	276.0	0.0	276.0	2.026	2.228	5,590.79	6,149.87	395.29
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	2,522.0	0.0	2,522.0	2.198	2.678	55,425.48	67,538.74	6,409.96
	VARIOUS	JURISD.	SCH. - MA	10,996.0	0.0	10,996.0	2.411	3.339	265,085.08	367,206.89	78,456.26
	TOTAL			**13,794.0**	**0.0**	**13,794.0**	**2.364**	**3.196**	**326,101.35**	**440,895.50**	**85,261.51**
ACTUAL											
Feb-17	SEMINOLE	JURISD.	SCH. - D	232.0	0.0	232.0	2.027	2.230	4,702.30	5,172.53	307.32
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	5,156.0	0.0	5,156.0	2.020	2.375	104,154.71	122,438.33	8,512.95
	VARIOUS	JURISD.	SCH. - MA	4,563.0	0.0	4,563.0	1.984	2.363	90,529.27	107,804.29	7,447.34
	TOTAL			**9,951.0**	**0.0**	**9,951.0**	**2.004**	**2.366**	**199,386.28**	**235,415.15**	**16,267.61**
ACTUAL											
Mar-17	SEMINOLE	JURISD.	SCH. - D	255.0	0.0	255.0	1.943	2.138	4,955.41	5,450.95	313.49
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	4,010.0	0.0	4,010.0	1.883	2.260	75,513.96	90,613.74	7,721.61
	VARIOUS	JURISD.	SCH. - MA	8,386.0	0.0	8,386.0	2.235	2.957	187,402.64	247,988.98	43,796.86
	TOTAL			**12,651.0**	**0.0**	**12,651.0**	**2.117**	**2.720**	**267,872.01**	**344,053.67**	**51,831.96**
ACTUAL											
Apr-17	SEMINOLE	JURISD.	SCH. - D	139.0	0.0	139.0	2.106	2.317	2,927.75	3,220.52	214.30
	VARIOUS	JURISD.	SCH. - C	1.0	0.0	1.0	0.209	2.497	2.09	24.97	3.31
	VARIOUS	JURISD.	SCH. - CB	3,895.0	0.0	3,895.0	1.935	2.318	75,376.97	90,283.66	7,521.30
	VARIOUS	JURISD.	SCH. - MA	50,907.0	0.0	50,907.0	2.339	3.497	1,190,732.95	1,780,103.58	473,084.58
	TOTAL			**54,942.0**	**0.0**	**54,942.0**	**2.310**	**3.410**	**1,269,039.76**	**1,873,632.73**	**480,823.49**
ACTUAL											
May-17	SEMINOLE	JURISD.	SCH. - D	64.0	0.0	64.0	2.045	2.250	1,309.01	1,439.91	91.14
	VARIOUS	JURISD.	SCH. - C	67.0	0.0	67.0	0.209	2.790	140.03	1,869.56	283.50
	VARIOUS	JURISD.	SCH. - CB	2,177.0	0.0	2,177.0	1.976	2.329	43,015.46	50,697.24	4,432.88
	VARIOUS	JURISD.	SCH. - MA	65,490.0	0.0	65,490.0	2.572	3.584	1,684,119.43	2,347,097.53	514,689.55
	TOTAL			**67,798.0**	**0.0**	**67,798.0**	**2.550**	**3.542**	**1,728,583.93**	**2,401,104.24**	**519,497.07**
ACTUAL											
Jun-17	SEMINOLE	JURISD.	SCH. - D	526.0	0.0	526.0	2.023	2.226	10,642.90	11,707.19	705.23
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	1,838.0	0.0	1,838.0	1.818	2.200	33,419.63	40,443.51	3,674.22
	VARIOUS	JURISD.	SCH. - MA	20,777.0	0.0	20,777.0	2.270	3.413	471,568.60	709,101.69	192,860.73
	TOTAL			**23,141.0**	**0.0**	**23,141.0**	**2.228**	**3.290**	**515,631.13**	**761,252.39**	**197,240.18**

TAMPA ELECTRIC COMPANY
POWER SOLD
ESTIMATED FOR THE PERIOD: JULY 2017 THROUGH DECEMBER 2017

SCHEDULE E6

(1)	(2)		(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
					MWH		CENTS/KWH				
			TYPE	TOTAL	WHEELED FROM	MWH	(A)	(B)	TOTAL $		GAINS ON
MONTH	SOLD TO		& SCHEDULE	MWH SOLD	OTHER SYSTEMS	FROM OWN GENERATION	FUEL COST	TOTAL COST	FOR FUEL ADJUSTMENT	TOTAL COST	MARKET BASED SALES
ESTIMATED											
Jul-17	SEMINOLE	JURISD.	SCH. - D	1,010.0	0.0	1,010.0	2.905	3.102	29,340.00	31,335.00	1,995.00
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - MA	1,020.0	0.0	1,020.0	3.412	3.754	34,805.61	38,290.00	3,484.39
	TOTAL			**2,030.0**	**0.0**	**2,030.0**	**3.160**	**3.430**	**64,145.61**	**69,625.00**	**5,479.39**
ESTIMATED											
Aug-17	SEMINOLE	JURISD.	SCH. - D	1,000.0	0.0	1,000.0	2.998	3.202	29,980.00	32,018.00	2,038.00
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - MA	1,010.0	0.0	1,010.0	2.831	3.115	28,597.14	31,460.00	2,862.86
	TOTAL			**2,010.0**	**0.0**	**2,010.0**	**2.914**	**3.158**	**58,577.14**	**63,478.00**	**4,900.86**
ESTIMATED											
Sep-17	SEMINOLE	JURISD.	SCH. - D	1,000.0	0.0	1,000.0	2.897	3.094	28,970.00	30,940.00	1,970.00
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - MA	930.0	0.0	930.0	2.988	3.287	27,788.13	30,570.00	2,781.87
	TOTAL			**1,930.0**	**0.0**	**1,930.0**	**2.941**	**3.187**	**56,758.13**	**61,510.00**	**4,751.87**
ESTIMATED											
Oct-17	SEMINOLE	JURISD.	SCH. - D	730.0	0.0	730.0	2.958	3.159	21,590.00	23,058.00	1,468.00
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - MA	1,130.0	0.0	1,130.0	3.540	3.895	40,005.09	44,010.00	4,004.91
	TOTAL			**1,860.0**	**0.0**	**1,860.0**	**3.312**	**3.606**	**61,595.09**	**67,068.00**	**5,472.91**
ESTIMATED											
Nov-17	SEMINOLE	JURISD.	SCH. - D	650.0	0.0	650.0	2.740	2.926	17,810.00	19,021.00	1,211.00
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - MA	700.0	0.0	700.0	2.491	2.740	17,434.62	19,180.00	1,745.38
	TOTAL			**1,350.0**	**0.0**	**1,350.0**	**2.611**	**2.830**	**35,244.62**	**38,201.00**	**2,956.38**
ESTIMATED											
Dec-17	SEMINOLE	JURISD.	SCH. - D	580.0	0.0	580.0	2.860	3.055	16,590.00	17,718.00	1,128.00
	VARIOUS	JURISD.	SCH. - C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. - MA	1,130.0	0.0	1,130.0	2.848	3.133	32,178.60	35,400.00	3,221.40
	TOTAL			**1,710.0**	**0.0**	**1,710.0**	**2.852**	**3.106**	**48,768.60**	**53,118.00**	**4,349.40**
TOTAL	SEMINOLE	JURISD.	SCH. - D	6,462.0	0.0	6,462.0	2.699	2.897	174,408.16	187,230.97	11,836.77
Jan-17	VARIOUS	JURISD.	SCH. - C	68.0	0.0	68.0	0.209	2.786	142.12	1,894.53	286.81
THRU	VARIOUS	JURISD.	SCH. - CB	19,598.0	0.0	19,598.0	1.974	2.357	386,906.21	462,015.22	38,272.92
Dec-17	VARIOUS	JURISD.	SCH. - MA	167,039.0	0.0	167,039.0	2.437	3.447	4,070,247.16	5,758,212.96	1,328,436.13
	TOTAL			**193,167.0**	**0.0**	**193,167.0**	**2.398**	**3.318**	**4,631,703.65**	**6,409,353.68**	**1,378,832.63**

TAMPA ELECTRIC COMPANY
PURCHASED POWER **SCHEDULE E7**
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
ACTUAL FOR THE PERIOD: JANUARY 2017 THROUGH JUNE 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				MWH	MWH		CENTS/KWH		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	FOR OTHER UTILITIES	FOR INTERRUP-TIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT
ACTUAL Jan-17									
	PASCO COGEN	SCH. - D	2,722.0	0.0	0.0	2,722.0	4.595	4.595	125,083.85
	DUKE ENERGY	SCH. - D	7,020.0	0.0	0.0	7,020.0	2.811	2.811	197,332.28
	VARIOUS	OATT	334.0	0.0	0.0	334.0	4.188	4.188	13,987.53
	TOTAL		**10,076.0**	**0.0**	**0.0**	**10,076.0**	**3.339**	**3.339**	**336,403.66**
ACTUAL Feb-17									
	PASCO COGEN	SCH. - D	5,502.0	0.0	0.0	5,502.0	3.879	3.879	213,401.11
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	479.0	0.0	0.0	479.0	2.119	2.119	10,151.76
	TOTAL		**5,981.0**	**0.0**	**0.0**	**5,981.0**	**3.738**	**3.738**	**223,552.87**
ACTUAL Mar-17									
	PASCO COGEN	SCH. - D	6,728.0	0.0	0.0	6,728.0	4.622	4.622	310,992.41
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**6,728.0**	**0.0**	**0.0**	**6,728.0**	**4.622**	**4.622**	**310,992.41**
ACTUAL Apr-17									
	PASCO COGEN	SCH. - D	13,286.0	0.0	0.0	13,286.0	4.072	4.072	540,995.84
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**13,286.0**	**0.0**	**0.0**	**13,286.0**	**4.072**	**4.072**	**540,995.84**
ACTUAL May-17									
	PASCO COGEN	SCH. - D	12,720.0	0.0	0.0	12,720.0	4.687	4.687	596,173.04
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**12,720.0**	**0.0**	**0.0**	**12,720.0**	**4.687**	**4.687**	**596,173.04**
ACTUAL Jun-17									
	PASCO COGEN	SCH. - D	7,480.0	0.0	0.0	7,480.0	3.941	3.941	294,818.95
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	96.0	0.0	0.0	96.0	2.958	2.958	2,839.55
	TOTAL		**7,576.0**	**0.0**	**0.0**	**7,576.0**	**3.929**	**3.929**	**297,658.50**

TAMPA ELECTRIC COMPANY
PURCHASED POWER
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
ESTIMATED FOR THE PERIOD: JULY 2017 THROUGH DECEMBER 2017

SCHEDULE E7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				MWH	MWH		CENTS/KWH		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	FOR OTHER UTILITIES	FOR INTERRUP-TIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT
ESTIMATED Jul-17									
	PASCO COGEN	SCH. - D	8,030.0	0.0	0.0	8,030.0	4.232	4.232	339,860.00
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**8,030.0**	**0.0**	**0.0**	**8,030.0**	**4.232**	**4.232**	**339,860.00**
ESTIMATED Aug-17									
	PASCO COGEN	SCH. - D	9,650.0	0.0	0.0	9,650.0	4.248	4.248	409,980.00
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**9,650.0**	**0.0**	**0.0**	**9,650.0**	**4.248**	**4.248**	**409,980.00**
ESTIMATED Sep-17									
	PASCO COGEN	SCH. - D	8,510.0	0.0	0.0	8,510.0	4.244	4.244	361,190.00
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**8,510.0**	**0.0**	**0.0**	**8,510.0**	**4.244**	**4.244**	**361,190.00**
ESTIMATED Oct-17									
	PASCO COGEN	SCH. - D	7,700.0	0.0	0.0	7,700.0	4.319	4.319	332,570.00
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**7,700.0**	**0.0**	**0.0**	**7,700.0**	**4.319**	**4.319**	**332,570.00**
ESTIMATED Nov-17									
	PASCO COGEN	SCH. - D	570.0	0.0	0.0	570.0	4.667	4.667	26,600.00
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**570.0**	**0.0**	**0.0**	**570.0**	**4.667**	**4.667**	**26,600.00**
ESTIMATED Dec-17									
	PASCO COGEN	SCH. - D	1,660.0	0.0	0.0	1,660.0	4.702	4.702	78,060.00
	DUKE ENERGY	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**1,660.0**	**0.0**	**0.0**	**1,660.0**	**4.702**	**4.702**	**78,060.00**
TOTAL Jan-17 THRU Dec-17	PASCO COGEN	SCH. - D	84,558.0	0.0	0.0	84,558.0	4.293	4.293	3,629,725.20
	DUKE ENERGY	SCH. - D	7,020.0	0.0	0.0	7,020.0	2.811	2.811	197,332.28
	VARIOUS	OATT	909.0	0.0	0.0	909.0	2.968	2.968	26,978.84
	TOTAL		**92,487.0**	**0.0**	**0.0**	**92,487.0**	**4.167**	**4.167**	**3,854,036.32**

TAMPA ELECTRIC COMPANY
ENERGY PAYMENT TO QUALIFYING FACILITIES
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2017 THROUGH DECEMBER 2017

SCHEDULE E8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				MWH			CENTS/KWH		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT
ACTUAL	VARIOUS	CO-GEN.							
Jan-17		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	19,532.0	0.0	0.0	19,532.0	2.107	2.107	411,498.02
	TOTAL		**19,532.0**	**0.0**	**0.0**	**19,532.0**	**2.107**	**2.107**	**411,498.02**
ACTUAL	VARIOUS	CO-GEN.							
Feb-17		NET METERING	2,180.0	0.0	0.0	2,180.0	2.194	2.194	47,832.71
		AS AVAIL.	14,464.0	0.0	0.0	14,464.0	2.049	2.049	296,321.82
	TOTAL		**16,644.0**	**0.0**	**0.0**	**16,644.0**	**2.068**	**2.068**	**344,154.53**
ACTUAL	VARIOUS	CO-GEN.							
Mar-17		NET METERING	-1.0	0.0	0.0	-1.0	-58.405	-58.405	584.05
		AS AVAIL.	16,265.0	0.0	0.0	16,265.0	2.169	2.169	352,761.51
	TOTAL		**16,264.0**	**0.0**	**0.0**	**16,264.0**	**2.173**	**2.173**	**353,345.56**
ACTUAL	VARIOUS	CO-GEN.							
Apr-17		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	11,485.0	0.0	0.0	11,485.0	2.234	2.234	256,594.53
	TOTAL		**11,485.0**	**0.0**	**0.0**	**11,485.0**	**2.234**	**2.234**	**256,594.53**
ACTUAL	VARIOUS	CO-GEN.							
May-17		NET METERING	5.2	0.0	0.0	5.2	2.226	2.226	115.77
		AS AVAIL.	10,162.0	0.0	0.0	10,162.0	2.140	2.140	217,466.07
	TOTAL		**10,167.2**	**0.0**	**0.0**	**10,167.2**	**2.140**	**2.140**	**217,581.84**
ACTUAL	VARIOUS	CO-GEN.							
Jun-17		NET METERING	16.5	0.0	0.0	16.5	0.779	0.779	128.59
		AS AVAIL.	6,202.0	0.0	0.0	6,202.0	2.104	2.104	130,502.32
	TOTAL		**6,218.5**	**0.0**	**0.0**	**6,218.5**	**2.101**	**2.101**	**130,630.91**
ESTIMATED	VARIOUS	CO-GEN.							
Jul-17		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,520.0	0.0	0.0	7,520.0	2.875	2.875	216,170.00
	TOTAL		**7,520.0**	**0.0**	**0.0**	**7,520.0**	**2.875**	**2.875**	**216,170.00**
ESTIMATED	VARIOUS	CO-GEN.							
Aug-17		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,530.0	0.0	0.0	7,530.0	3.442	3.442	259,150.00
	TOTAL		**7,530.0**	**0.0**	**0.0**	**7,530.0**	**3.442**	**3.442**	**259,150.00**
ESTIMATED	VARIOUS	CO-GEN.							
Sep-17		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,520.0	0.0	0.0	7,520.0	2.431	2.431	182,810.00
	TOTAL		**7,520.0**	**0.0**	**0.0**	**7,520.0**	**2.431**	**2.431**	**182,810.00**
ESTIMATED	VARIOUS	CO-GEN.							
Oct-17		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,520.0	0.0	0.0	7,520.0	3.128	3.128	235,200.00
	TOTAL		**7,520.0**	**0.0**	**0.0**	**7,520.0**	**3.128**	**3.128**	**235,200.00**
ESTIMATED	VARIOUS	CO-GEN.							
Nov-17		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,480.0	0.0	0.0	7,480.0	2.902	2.902	217,090.00
	TOTAL		**7,480.0**	**0.0**	**0.0**	**7,480.0**	**2.902**	**2.902**	**217,090.00**
ESTIMATED	VARIOUS	CO-GEN.							
Dec-17		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	7,470.0	0.0	0.0	7,470.0	2.245	2.245	167,710.00
	TOTAL		**7,470.0**	**0.0**	**0.0**	**7,470.0**	**2.245**	**2.245**	**167,710.00**
TOTAL	VARIOUS	CO-GEN.							
Jan-17		NET METERING	2,200.7	0.0	0.0	2,200.7	2.211	2.211	48,661.12
THRU		AS AVAIL.	123,150.0	0.0	0.0	123,150.0	2.390	2.390	2,943,274.27
Dec-17	TOTAL		**125,350.7**	**0.0**	**0.0**	**125,350.7**	**2.387**	**2.387**	**2,991,935.39**

TAMPA ELECTRIC COMPANY
ECONOMY ENERGY PURCHASES
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2017 THROUGH DECEMBER 2017

SCHEDULE E9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)
								COST IF GENERATED		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR INTERRUP-TIBLE	MWH FOR FIRM	TRANSACT. COST cents/KWH	TOTAL $ FOR FUEL ADJUSTMENT	(A) CENTS PER KWH	(B) ($000)	FUEL SAVINGS (9B)-(8)
ACTUAL	VARIOUS	SCH. - J	1,420.0	0.0	1,420.0	3.314	47,060.00	3.701	52,548.80	5,488.80
Jan-17	TOTAL		1,420.0	0.0	1,420.0	3.314	47,060.00	3.701	52,548.80	5,488.80
ACTUAL	VARIOUS	SCH. - J	23,878.0	0.0	23,878.0	2.950	704,507.00	3.316	791,912.82	87,405.82
Feb-17	TOTAL		23,878.0	0.0	23,878.0	2.950	704,507.00	3.316	791,912.82	87,405.82
ACTUAL	VARIOUS	SCH. - J	12,777.0	0.0	12,777.0	4.137	528,563.00	4.149	530,177.00	1,614.00
Mar-17	TOTAL		12,777.0	0.0	12,777.0	4.137	528,563.00	4.149	530,177.00	1,614.00
ACTUAL	VARIOUS	SCH. - J	16,194.0	0.0	16,194.0	5.270	853,425.00	5.272	853,718.00	293.00
Apr-17	TOTAL		16,194.0	0.0	16,194.0	5.270	853,425.00	5.272	853,718.00	293.00
ACTUAL	VARIOUS	SCH. - J	27,970.0	0.0	27,970.0	6.611	1,849,174.00	6.611	1,849,174.00	0.00
May-17	TOTAL		27,970.0	0.0	27,970.0	6.611	1,849,174.00	6.611	1,849,174.00	0.00
ACTUAL	VARIOUS	SCH. - J	6,287.0	0.0	6,287.0	4.695	295,172.00	4.697	295,300.40	128.40
Jun-17	TOTAL		6,287.0	0.0	6,287.0	4.695	295,172.00	4.697	295,300.40	128.40
ESTIMATED	VARIOUS	ECONOMY	27,890.0	0.0	27,890.0	3.675	1,024,890.00	6.288	1,753,630.00	728,740.00
Jul-17	TOTAL		27,890.0	0.0	27,890.0	3.675	1,024,890.00	6.288	1,753,630.00	728,740.00
ESTIMATED	VARIOUS	ECONOMY	28,990.0	0.0	28,990.0	3.902	1,131,250.00	5.752	1,667,370.00	536,120.00
Aug-17	TOTAL		28,990.0	0.0	28,990.0	3.902	1,131,250.00	5.752	1,667,370.00	536,120.00
ESTIMATED	VARIOUS	ECONOMY	28,170.0	0.0	28,170.0	3.595	1,012,690.00	6.743	1,899,420.00	886,730.00
Sep-17	TOTAL		28,170.0	0.0	28,170.0	3.595	1,012,690.00	6.743	1,899,420.00	886,730.00
ESTIMATED	VARIOUS	ECONOMY	27,590.0	0.0	27,590.0	3.604	994,400.00	4.105	1,132,630.00	138,230.00
Oct-17	TOTAL		27,590.0	0.0	27,590.0	3.604	994,400.00	4.105	1,132,630.00	138,230.00
ESTIMATED	VARIOUS	ECONOMY	20,820.0	0.0	20,820.0	2.754	573,370.00	2.754	573,370.00	0.00
Nov-17	TOTAL		20,820.0	0.0	20,820.0	2.754	573,370.00	2.754	573,370.00	0.00
ESTIMATED	VARIOUS	ECONOMY	27,260.0	0.0	27,260.0	2.950	804,220.00	4.342	1,183,610.00	379,390.00
Dec-17	TOTAL		27,260.0	0.0	27,260.0	2.950	804,220.00	4.342	1,183,610.00	379,390.00
TOTAL										
Jan-17	VARIOUS	SCH. - J	88,526.0	0.0	88,526.0	4.832	4,277,901.00	4.940	4,372,831.02	94,930.02
THRU	VARIOUS	ECONOMY	160,720.0	0.0	160,720.0	3.447	5,540,820.00	5.108	8,210,030.00	2,669,210.00
Dec-17	TOTAL		249,246.0	0.0	249,246.0	3.939	9,818,721.00	5.048	12,582,861.02	2,764,140.02

EXHIBIT TO THE TESTIMONY OF

PENELOPE A. RUSK

DOCUMENT NO. 2

CAPACITY COST RECOVERY

ACTUAL / ESTIMATED

JANUARY 2017 THROUGH DECEMBER 2017

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY
CALCULATION OF THE CURRENT (ACTUAL/ESTIMATED) PERIOD TRUE-UP
JANUARY 2017 THROUGH DECEMBER 2017

1.	FINAL OVER/(UNDER) RECOVERY FOR JANUARY 2016 THROUGH DECEMBER 2016	($4,411,715)
2.	ACTUAL/ESTIMATED OVER/(UNDER) RECOVERY FOR THE CURRENT PERIOD JANUARY 2017 THROUGH DECEMBER 2017	1,648,777
3.	CURRENT PERIOD TRUE-UP AMOUNT TO BE REFUNDED/(RECOVERED) IN THE PROJECTION PERIOD JANUARY 2018 THROUGH DECEMBER 2018	($2,762,938)

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT
JANUARY 2017 THROUGH DECEMBER 2017

	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Estimated Jul-17	Estimated Aug-17	Estimated Sep-17	Estimated Oct-17	Estimated Nov-17	Estimated Dec-17	Total
1 UNIT POWER CAPACITY CHARGES	2,267,401	428,660	880,127	936,842	1,038,324	844,758	824,010	824,010	824,010	824,010	824,010	824,010	11,340,172
2 CAPACITY PAYMENTS TO COGENERATORS	0	0	0	0	0	0	0	0	0	0	0	0	0
3 (UNIT POWER CAPACITY REVENUES)	(53,677)	(37,225)	(77,934)	(277,589)	(391,790)	(120,705)	(159,820)	(159,820)	(159,820)	(159,820)	(159,820)	(159,820)	(1,917,840)
4 TOTAL CAPACITY DOLLARS	2,213,724	391,435	802,193	659,253	646,534	724,053	664,190	664,190	664,190	664,190	664,190	664,190	9,422,332
5 SEPARATION FACTOR	0.9958992	0.9958992	0.9958992	0.9958992	0.9958992	0.9958992	0.9958992	0.9958992	0.9958992	0.9958992	0.9958992	0.9958992	
6 JURISDICTIONAL CAPACITY DOLLARS	2,204,647	389,831	798,903	656,549	643,883	721,083	661,466	661,466	661,466	661,466	661,466	661,466	9,383,692
7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	1,053,197	959,744	962,603	1,051,939	1,231,513	1,304,406	1,392,776	1,383,762	1,444,257	1,256,805	1,030,304	1,011,273	14,082,579
8 PRIOR PERIOD TRUE-UP PROVISION	(248,838)	(248,838)	(248,838)	(248,838)	(248,838)	(248,838)	(248,838)	(248,838)	(248,838)	(248,838)	(248,838)	(248,842)	(2,986,060)
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	804,359	710,906	713,765	803,101	982,675	1,055,568	1,143,938	1,134,924	1,195,419	1,007,967	781,466	762,431	11,096,519
10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6)	(1,400,288)	321,075	(85,138)	146,552	338,792	334,485	482,472	473,458	533,953	346,501	120,000	100,965	1,712,827
11 INTEREST PROVISION FOR MONTH	(4,864)	(4,796)	(5,219)	(5,725)	(5,360)	(5,582)	(6,211)	(6,285)	(5,827)	(5,346)	(4,669)	(4,166)	(64,050)
12 ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY	(7,397,775)	(8,554,089)	(7,988,972)	(7,830,491)	(7,440,826)	(6,858,556)	(6,280,815)	(5,555,716)	(4,839,705)	(4,062,741)	(3,472,748)	(3,108,579)	(7,397,775)
14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH	248,838	248,838	248,838	248,838	248,838	248,838	248,838	248,838	248,838	248,838	248,838	248,842	2,986,060
15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14)	**(8,554,089)**	**(7,988,972)**	**(7,830,491)**	**(7,440,826)**	**(6,858,556)**	**(6,280,815)**	**(5,555,716)**	**(4,839,705)**	**(4,062,741)**	**(3,472,748)**	**(3,108,579)**	**(2,762,938)**	**(2,762,938)**

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT
JANUARY 2017 THROUGH DECEMBER 2017

	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Estimated Jul-17	Estimated Aug-17	Estimated Sep-17	Estimated Oct-17	Estimated Nov-17	Estimated Dec-17	Total
1 BEGINNING TRUE-UP AMOUNT	(7,397,775)	(8,554,089)	(7,988,972)	(7,830,491)	(7,440,826)	(6,858,556)	(6,280,815)	(5,555,716)	(4,839,705)	(4,062,741)	(3,472,748)	(3,108,579)	(7,397,775)
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(8,549,225)	(7,984,176)	(7,825,272)	(7,435,101)	(6,853,196)	(6,275,233)	(5,549,505)	(4,833,420)	(4,056,914)	(3,467,402)	(3,103,910)	(2,758,772)	(2,698,888)
3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2)	(15,947,000)	(16,538,265)	(15,814,244)	(15,265,592)	(14,294,022)	(13,133,789)	(11,830,320)	(10,389,136)	(8,896,619)	(7,530,143)	(6,576,658)	(5,867,351)	(10,096,663)
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(7,973,500)	(8,269,133)	(7,907,122)	(7,632,796)	(7,147,011)	(6,566,895)	(5,915,160)	(5,194,568)	(4,448,310)	(3,765,072)	(3,288,329)	(2,933,676)	(5,048,332)
5 INTEREST RATE % - 1ST DAY OF MONTH	0.720	0.740	0.640	0.940	0.860	0.950	1.080	1.450	1.450	1.700	1.700	1.700	NA
6 INTEREST RATE % - 1ST DAY OF NEXT MONTH	0.740	0.640	0.940	0.860	0.950	1.080	1.450	1.450	1.700	1.700	1.700	1.700	NA
7 TOTAL (LINE 5 + LINE 6)	1.460	1.380	1.580	1.800	1.810	2.030	2.530	2.900	3.150	3.400	3.400	3.400	NA
8 AVERAGE INTEREST RATE % (50% OF LINE 7)	0.730	0.690	0.790	0.900	0.905	1.015	1.265	1.450	1.575	1.700	1.700	1.700	NA
9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12)	0.061	0.058	0.066	0.075	0.075	0.085	0.105	0.121	0.131	0.142	0.142	0.142	NA
10 INTEREST PROVISION (LINE 4 X LINE 9)	(4,864)	(4,796)	(5,219)	(5,725)	(5,360)	(5,582)	(6,211)	(6,285)	(5,827)	(5,346)	(4,669)	(4,166)	(64,050)

SCHEDULE E12

TAMPA ELECTRIC COMPANY
CAPACITY COSTS
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2017 THROUGH DECEMBER 2017

CONTRACT	TERM START	TERM END	CONTRACT TYPE	
DUKE ENERGY FLORIDA	2/1/2016	2/28/2017	LT	
PASCO COGEN LTD	1/1/2009	12/31/2018	LT	
SEMINOLE ELECTRIC **	6/1/1992	----------	LT	

QF = QUALIFYING FACILITY
LT = LONG TERM
ST = SHORT-TERM
**** THREE YEAR NOTICE REQUIRED FOR TERMINATION.**

CONTRACT	ACT JANUARY MW	ACT FEBRUARY MW	ACT MARCH MW	ACT APRIL MW	ACT MAY MW	ACT JUNE MW	EST JULY MW	EST AUGUST MW	EST SEPTEMBER MW	EST OCTOBER MW	EST NOVEMBER MW	EST DECEMBER MW
DUKE ENERGY FLORIDA	250.0	250.0	-	-	-	-	-	-	-	-	-	-
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	0.4	0.6	0.4	0.04	0.04	2.2	1.5	1.7	1.4	1.4	1.2	1.2

REDACTED

TAMPA ELECTRIC COMPANY
CAPACITY COSTS
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2017 THROUGH DECEMBER 2017

SCHEDULE E12

CAPACITY	ACT JANUARY ($)	ACT FEBRUARY ($)	ACT MARCH ($)	ACT APRIL ($)	ACT MAY ($)	ACT JUNE ($)	EST JULY ($)	EST AUGUST ($)	EST SEPTEMBER ($)	EST OCTOBER ($)	EST NOVEMBER ($)	EST DECEMBER ($)	TOTAL ($)
CALPINE - D	[redacted]												
DUKE ENERGY FLORIDA - D													
PASCO COGEN LTD - D													
FLORIDA POWER & LIGHT - CR													
CITY OF TALLAHASSEE													
FLORIDA POWER & LIGHT													
DUKE ENERGY FLORIDA													
JACKSONVILLE ELECTRIC AUTHORITY													
SUBTOTAL CAPACITY PURCHASES													
SEMINOLE ELECTRIC - D													
DUKE ENERGY FLORIDA - CB													
ORLANDO UTILITIES - CB													
REEDY CREEK - CB													
VARIOUS - MA													
CARGILL ALLIANT - MA													
DUKE ENERGY FLORIDA - MA													
FLORIDA POWER & LIGHT - MA													
CITY OF LAKELAND - MA													
ORLANDO UTILITIES - MA													
EXGEN - MA													
REEDY CREEK - MA													
SEMINOLE ELECTRIC - MA													
THE ENERGY AUTHORITY - MA													
MORGAN STANLEY - MA													
SOUTHERN CO - MA													
NEW SMYRNA BEACH - MA													
EDF TRADING - MA													
SUBTOTAL CAPACITY SALES													
TOTAL PURCHASES AND (SALES)	$ 2,213,725	$ 391,435	$ 802,193	$ 659,252	$ 646,534	$ 724,053	$ 664,190	$ 664,190	$ 664,190	$ 664,190	$ 664,190	$ 664,190	$ 9,422,332
TOTAL CAPACITY	$ 2,213,725	$ 391,435	$ 802,193	$ 659,252	$ 646,534	$ 724,053	$ 664,190	$ 664,190	$ 664,190	$ 664,190	$ 664,190	$ 664,190	$ 9,422,332

Docket No. 20170001-EI
Exhibit No. PAR-2
Document No. 2, Page 5 of 5

EXHIBIT TO THE TESTIMONY OF

PENELOPE A. RUSK

DOCUMENT NO. 3

CAPITAL PROJECTS APPROVED FOR

FUEL CLAUSE RECOVERY

JANUARY 2017 - DECEMBER 2017

POLK 1 CONVERSION
SCHEDULE OF DEPRECIATION AND RETURN
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

		ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	PROJECTED JULY	PROJECTED AUGUST	PROJECTED SEPTEMBER	PROJECTED OCTOBER	PROJECTED NOVEMBER	PROJECTED DECEMBER	TOTAL
1	BEGINNING BALANCE	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951
2	ADD INVESTMENT	-	-	-	-	-	-	-	-	-	-	-	-	-
3	LESS RETIREMENTS	-	-	-	-	-	-	-	-	-	-	-	-	-
4	ENDING BALANCE	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951
5														
6														
7	AVERAGE BALANCE	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	$16,143,951	
8	DEPRECIATION RATE	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	
9	DEPRECIATION EXPENSE	$269,225	$269,225	$269,225	$269,225	$269,225	$269,225	$269,225	$269,225	$269,225	$269,225	$269,225	$269,225	$3,230,701
10	LESS RETIREMENTS	-	-	-	-	-	-	-	-	-	-	-	-	-
11	BEGINNING BALANCE DEPRECIATION	$11,297,899	$11,567,125	$11,836,350	$12,105,575	$12,374,800	$12,644,025	$12,913,250	$13,182,475	$13,451,700	$13,720,925	$13,990,150	$14,259,375	$11,297,899
12	ENDING BALANCE DEPRECIATION	$11,567,125	$11,836,350	$12,105,575	$12,374,800	$12,644,025	$12,913,250	$13,182,475	$13,451,700	$13,720,925	$13,990,150	$14,259,375	$14,528,600	$14,528,600
13														
14														
15	ENDING NET INVESTMENT	$4,576,826	$4,307,601	$4,038,376	$3,769,151	$3,499,926	$3,230,701	$2,961,476	$2,692,251	$2,423,026	$2,153,801	$1,884,575	$1,615,350	$1,615,350
16														
17														
18	AVERAGE INVESTMENT	$4,711,439	$4,442,214	$4,172,989	$3,903,763	$3,634,538	$3,365,313	$3,096,088	$2,826,863	$2,557,638	$2,288,413	$2,019,188	$1,749,963	
19	ALLOWED EQUITY RETURN	.35878%	.35878%	.35878%	.35878%	.35878%	.35878%	.35760%	.35760%	.35760%	.35760%	.35760%	.35760%	
20	EQUITY COMPONENT AFTER-TAX	$16,904	$15,938	$14,972	$14,006	$13,040	$12,074	$11,072	$10,109	$9,146	$8,183	$7,221	$6,258	$138,923
21	CONVERSION TO PRE-TAX	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	
22	EQUITY COMPONENT PRE-TAX	$27,591	$26,014	$24,437	$22,861	$21,284	$19,707	$18,072	$16,500	$14,928	$13,356	$11,786	$10,214	$226,750
23														
24	ALLOWED DEBT RETURN	.15788%	.15788%	.15788%	.15788%	.15788%	.15788%	.14966%	.14966%	.14966%	.14966%	.14966%	.14966%	
25	DEBT COMPONENT	$7,439	$7,014	$6,588	$6,163	$5,738	$5,313	$4,634	$4,231	$3,828	$3,425	$3,022	$2,619	$60,014
26														
27	TOTAL RETURN REQUIREMENTS	$35,030	$33,028	$31,025	$29,024	$27,022	$25,020	$22,706	$20,731	$18,756	$16,781	$14,808	$12,833	$286,764
28														
29	TOTAL DEPRECIATION & RETURN	$304,255	$302,253	$300,250	$298,249	$296,247	$294,245	$291,931	$289,956	$287,981	$286,006	$284,033	$282,058	$3,517,464
30														
31	ESTIMATED FUEL SAVINGS	$4,784,485	$1,132,398	$4,952,033	$140	$3,586,246	$13,293,084	$2,306,638	$1,586,316	$2,764,642	$2,390,388	$509,217	$2,209,930	$39,515,516
32	TOTAL DEPRECIATION & RETURN	$304,255	$302,253	$300,250	$298,249	$296,247	$294,245	$291,931	$289,956	$287,981	$286,006	$284,033	$282,058	$3,517,464
33	NET BENEFIT (COST) TO RATEPAYER	$4,480,230	$830,145	$4,651,783	($298,109)	$3,289,999	$12,998,839	$2,014,707	$1,296,360	$2,476,661	$2,104,382	$225,184	$1,927,872	$35,998,053
34														

35 DEPRECIATION EXPENSE IS CALCULATED BASED UPON A FIVE YEAR PERIOD.
36 RETURN ON AVERAGE INVESTMENT IS CALCULATED FOR JANUARY - JULY USING AN ANNUAL RATE OF 8.9219% (EQUITY 7.0273% , DEBT 1.8946%). RATES ARE BASED ON THE MAY 2016 SURVEILLANCE REPORT PER THE WACC STIPULATION & SETTLEMENT AGREEMENT (JULY 17, 2012).
37 RETURN ON AVERAGE INVESTMENT IS CALCULATED FOR JULY - DECEMBER USING AN ANNUAL RATE OF 8.7999% (EQUITY 7.0040% , DEBT 1.7959%). RATES ARE BASED ON THE MAY 2017 SURVEILLANCE REPORT PER THE WACC STIPULATION & SETTLEMENT AGREEMENT (JULY 17, 2012).
38 RETURN REQUIREMENT IS CALCULATED BASED UPON A COMBINED STATUTORY RATE OF 38.575%
39 ZERO PROJECTED GENERATION RESULTS IN ZERO ESTIMATED FUEL SAVINGS FOR THAT MONTH.

BIG BEND UNITS 1-4 IGNITERS CONVERSION TO NATURAL GAS
SCHEDULE OF DEPRECIATION AND RETURN
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

		ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	PROJECTED JULY	PROJECTED AUGUST	PROJECTED SEPTEMBER	PROJECTED OCTOBER	PROJECTED NOVEMBER	PROJECTED DECEMBER	TOTAL
1	BEGINNING BALANCE	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348
2	ADD INVESTMENT: Big Bend Unit 3 (Jan 2015)	-	-	-	-	-	-	-	-	-	-	-	-	-
2a	ADD INVESTMENT: Big Bend Unit 4 (May 2015)	-	-	-	-	-	-	-	-	-	-	-	-	-
2b	ADD INVESTMENT: Big Bend Unit 2 (June 2015)	-	-	-	-	-	-	-	-	-	-	-	-	-
2c	ADD INVESTMENT: Big Bend Unit 1 (November 2015)	-	-	-	-	-	-	-	-	-	-	-	-	-
3	LESS RETIREMENTS	-	-	-	-	-	-	-	-	-	-	-	-	-
4	ENDING BALANCE	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348
5														
6														
7	AVERAGE BALANCE	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	$20,910,348	
8	DEPRECIATION RATE	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%	
9	DEPRECIATION EXPENSE	$348,506	$348,506	$348,506	$348,506	$348,506	$348,506	$348,506	$348,506	$348,506	$348,506	$348,506	$348,506	$4,182,070
10	LESS RETIREMENTS	-	-	-	-	-	-	-	-	-	-	-	-	-
11	BEGINNING BALANCE DEPRECIATION	$6,731,641	$7,080,147	$7,428,652	$7,777,158	$8,125,664	$8,474,170	$8,822,676	$9,171,181	$9,519,687	$9,868,193	$10,216,699	$10,565,205	$6,731,641
12	ENDING BALANCE DEPRECIATION	$7,080,147	$7,428,652	$7,777,158	$8,125,664	$8,474,170	$8,822,676	$9,171,181	$9,519,687	$9,868,193	$10,216,699	$10,565,205	$10,913,710	$10,913,710
13														
14														
15	ENDING NET INVESTMENT	$13,830,202	$13,481,696	$13,133,190	$12,784,684	$12,436,178	$12,087,673	$11,739,167	$11,390,661	$11,042,155	$10,693,649	$10,345,144	$9,996,638	$9,996,638
16														
17														
18	AVERAGE INVESTMENT	$14,004,454	$13,655,949	$13,307,443	$12,958,937	$12,610,431	$12,261,925	$11,913,420	$11,564,914	$11,216,408	$10,867,902	$10,519,396	$10,170,891	
19	ALLOWED EQUITY RETURN	.35878%	.35878%	.35878%	.35878%	.35878%	.35878%	.35760%	.35760%	.35760%	.35760%	.35760%	.35760%	
20	EQUITY COMPONENT AFTER-TAX	$50,246	$48,995	$47,745	$46,495	$45,244	$43,994	$42,602	$41,356	$40,110	$38,863	$37,617	$36,371	$519,638
21	CONVERSION TO PRE-TAX	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	1.63220	
22	EQUITY COMPONENT PRE-TAX	$82,012	$79,970	$77,929	$75,889	$73,847	$71,807	$69,535	$67,501	$65,468	$63,432	$61,398	$59,365	$848,153
23														
24	ALLOWED DEBT RETURN	.15788%	.15788%	.15788%	.15788%	.15788%	.15788%	.14966%	.14966%	.14966%	.14966%	.14966%	.14966%	
25	DEBT COMPONENT	$22,111	$21,560	$21,010	$20,460	$19,910	$19,360	$17,830	$17,308	$16,787	$16,265	$15,743	$15,222	$223,566
26														
27	TOTAL RETURN REQUIREMENTS	$104,123	$101,530	$98,939	$96,349	$93,757	$91,167	$87,365	$84,809	$82,255	$79,697	$77,141	$74,587	$1,071,719
28	PRIOR MONTH TRUE-UP													
29	TOTAL DEPRECIATION & RETURN	$452,629	$450,036	$447,445	$444,855	$442,263	$439,673	$435,871	$433,315	$430,761	$428,203	$425,647	$423,093	$5,253,791
30														
31	ESTIMATED FUEL SAVINGS	$771,015	$553,646	$911,188	$1,043,818	$893,318	$989,688	$268,200	$355,767	$451,249	$738,034	$185,117	$639,479	$7,800,520
32	TOTAL DEPRECIATION & RETURN	$452,629	$450,036	$447,445	$444,855	$442,263	$439,673	$435,871	$433,315	$430,761	$428,203	$425,647	$423,093	$5,253,791
33	NET BENEFIT (COST) TO RATEPAYER	$318,387	$103,610	$463,743	$598,964	$451,055	$550,015	($167,671)	($77,548)	$20,488	$309,831	($240,530)	$216,386	$2,546,729

34 DEPRECIATION EXPENSE IS CALCULATED BASED UPON A FIVE YEAR PERIOD.
35 RETURN ON AVERAGE INVESTMENT IS CALCULATED FOR JANUARY - JULY USING AN ANNUAL RATE OF 8.9219% (EQUITY 7.0273% , DEBT 1.8946%). RATES ARE BASED ON THE MAY 2016 SURVEILLANCE REPORT PER THE WACC STIPULATION & SETTLEMENT AGREEMENT (JULY 17, 2012).
36 RETURN ON AVERAGE INVESTMENT IS CALCULATED FOR JULY - DECEMBER USING AN ANNUAL RATE OF 8.7999% (EQUITY 7.0040% , DEBT 1.7959%). RATES ARE BASED ON THE MAY 2017 SURVEILLANCE REPORT PER THE WACC STIPULATION & SETTLEMENT AGREEMENT (JULY 17, 2012).
37 RETURN REQUIREMENT IS CALCULATED BASED UPON A COMBINED STATUTORY RATE OF 38.575%
38 ZERO PROJECTED GENERATION RESULTS IN ZERO ESTIMATED FUEL SAVINGS FOR THAT MONTH.

Tampa Electric Company
Calculation of Revenue Requirement Rate of Return
For Cost Recovery Clauses
January 2017 to June 2017

	(1) Jurisdictional Rate Base Actual May 2016 Capital Structure ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 1,548,383	35.17%	5.17%	1.82%
Short Term Debt	25,435	0.58%	0.90%	0.01%
Preferred Stock	0	0.00%	0.00%	0.00%
Customer Deposits	106,847	2.43%	2.29%	0.06%
Common Equity	1,847,526	41.96%	10.25%	4.30%
Deferred ITC - Weighted Cost	7,686	0.17%	7.89%	0.01%
Accumulated Deferred Income Taxes & Zero Cost ITCs	866,653	19.69%	0.00%	0.00%
Total	$ 4,402,530	100.00%		6.20%

ITC split between Debt and Equity:

Long Term Debt	$ 1,548,383	Long Term Debt	45.26%
Short Term Debt	25,435	Short Term Debt	0.74%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	1,847,526	Equity - Common	54.00%
Total	$ 3,421,345	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = .0100% * 46.00%	0.0046%
Equity = .0100% * 54.00%	0.0054%
Weighted Cost	0.0100%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.3000%
Deferred ITC - Weighted Cost	0.0054%
	4.3054%
Times Tax Multiplier	1.632200
Total Equity Component	7.0273%

Total Debt Cost Rate:

Long Term Debt	1.8200%
Short Term Debt	0.0100%
Customer Deposits	0.0600%
Deferred ITC - Weighted Cost	0.0046%
Total Debt Component	1.8946%
	8.9219%

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013.
Column (2) - Column (1) / Total Column (1)
Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013.
Column (4) - Column (2) x Column (3)

Tampa Electric Company
Calculation of Revenue Requirement Rate of Return
For Cost Recovery Clauses
July 2017 to December 2017

	(1) Jurisdictional Rate Base Actual May 2017 Capital Structure ($000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	$ 1,611,554	33.14%	5.12%	1.6968%
Short Term Debt	$ 118,708	2.44%	1.55%	0.0378%
Preferred Stock	$ -	0.00%	0.00%	0.0000%
Customer Deposits	$ 101,181	2.08%	2.55%	0.0531%
Common Equity	$ 2,031,177	41.77%	10.25%	4.2815%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	$ 988,845	20.34%	0.00%	0.0000%
Deferred ITC - Weighted Cost	$ 11,216	0.23%	7.78%	0.0179%
Total	$ 4,862,681	100.00%		6.09%

ITC split between Debt and Equity:

Long Term Debt	$ 1,611,554	Long Term Debt	42.84%
Short Term Debt	118,708	Short Term Debt	3.16%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	2,031,177	Equity - Common	54.00%
Total	$ 3,761,439	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.0179% * 46.00%	0.0082%
Equity = 0.0179% * 54.00%	0.0097%
Weighted Cost	0.0179%

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.2815%
Deferred ITC - Weighted Cost	0.0097%
	4.2912%
Times Tax Multiplier	1.632200
Total Equity Component	7.0040%

Total Debt Cost Rate:

Long Term Debt	1.6968%
Short Term Debt	0.0378%
Customer Deposits	0.0531%
Deferred ITC - Weighted Cost	0.0082%
Total Debt Component	1.7959%
	8.7999%

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2017 and 2013 Base Rates Settlement Agreement Dated September 6, 2013.
Column (2) - Column (1) / Total Column (1)
Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2017 and 2013 Base Rates Settlement Agreement Dated September 6, 2013.
Column (4) - Column (2) x Column (3)