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November 20, 2018

VIA: ELECTRONIC FILING

Ms. Carlotta S. Stauffer
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

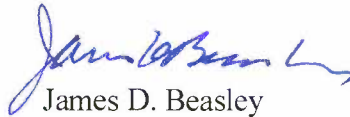
Re: Fuel and Purchased Power Cost Recovery Clause with Generating
Performance Incentive Factor; FPSC Docket No. 20180001-EI

Dear Ms. Stauffer:

Attached for electronic filing in the above docket is Tampa Electric Company's Solar Plant Operation Status Report for the month of October 2018, in accordance with the 2017 Amended and Restated Stipulation and Settlement Agreement in Docket No. 20170210-EI, as approved in Order No. PSC-2017-0456-S-EI, dated November 27, 2017.

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/pp
Attachment

cc: All Parties of Record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Solar Plant Operation Status Report, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 20th day of November to the following:

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ATTORNEY

**Tampa Electric Company
SoBRA Projects
October 2018**

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20180001-EI
SOLAR PLANT OPERATION
STATUS REPORT
FILED: NOVEMBER 20, 2018**

Hour	System Retail Demand (MW)	Average Hourly Net Output (kWh)	
		Payne Creek	Balm
1	2,111	(189)	(199)
2	1,968	(189)	(199)
3	1,874	(189)	(199)
4	1,820	(189)	(199)
5	1,816	(189)	(199)
6	1,906	(189)	(199)
7	2,065	(188)	(199)
8	2,128	(50)	36
9	2,199	3,029	7,518
10	2,390	7,033	17,301
11	2,606	14,059	21,710
12	2,813	26,801	27,475
13	3,000	39,024	33,272
14	3,159	45,343	35,746
15	3,278	46,846	36,120
16	3,353	42,355	34,574
17	3,369	37,487	30,378
18	3,315	25,237	20,396
19	3,173	4,778	3,330
20	3,105	(377)	(420)
21	2,969	(190)	(205)
22	2,767	(188)	(199)
23	2,524	(188)	(199)
24	2,290	(188)	(199)

**Tampa Electric Company
SoBRA Projects
October 2018**

	Net Capability (MW)	Net Generation ⁽¹⁾ (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation ⁽²⁾ (MWh)
1 Payne Creek	70.3	8,981	17.2	0.5	1,714,790
2 Balm	74.4	8,235	14.9	0.5	
3 Total	144.7	17,216	16.0	1.0	

	Natural Gas Displaced (MCF)	Cost of NG ⁽²⁾ (\$/MCF)	Oil Displaced (Bbls)	Cost of Oil ⁽²⁾ (\$/Bbl)	Coal Displaced (Tons)	Cost of Coal ⁽³⁾ (\$/Ton)
4 Payne Creek	67,206	4.07	0	NA	0	NA
5 Balm	61,623	4.07	0	NA	0	NA
6 Total	128,829		0		0	

2

	CO ₂ Reductions (Tons)	NO _x Reductions (Tons)	SO ₂ Reductions (Tons)	Hg Reductions (lb)
7 Payne Creek	5,339	1.6	2.2	0.01
8 Balm	4,896	1.5	2.1	0.01
9 Total	10,235	3.1	4.3	0.02

	O&M Cost (\$)	Carrying Cost ⁽⁴⁾ (\$)	Capital Cost ⁽⁵⁾ (\$)	Other Cost ⁽⁶⁾ (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
10 Payne Creek	0	583,007	252,986	(72,751)	0	763,242
11 Balm	0	660,486	237,026	(73,948)	0	823,564
12 Total	0	1,243,493	490,012	(146,698)	0	1,586,807

NA Not applicable

(1) Net Generation data represents a calendar month.

(2) Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3.

(3) Fuel Cost per unit data from Schedule A4.

(4) Carrying Cost data represents return on average net investment.

(5) Capital Cost data represents depreciation expense on net investment.

(6) Other Cost data represents dismantlement costs and amortization on ITC. Dismantlement cost estimates will not be available

**Tampa Electric Company
SoBRA Projects
Year-to-Date (January - October) 2018**

	Net Capability (MW)	Net Generation ⁽¹⁾ (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation ⁽²⁾ (MWh)
1 Payne Creek	70.3	15,961	15.5	0.4	3,579,106
2 Balm	74.4	9,917	9.1	0.3	
3 Total	144.7	25,878	12.2	0.7	

	Natural Gas Displaced (MCF)	Cost of NG ⁽²⁾ (\$/MCF)	Oil Displaced (Bbls)	Cost of Oil ⁽²⁾ (\$/Bbl)	Coal Displaced (Tons)	Cost of Coal ⁽³⁾ (\$/Ton)
4 Payne Creek	119,437	4.02	0	NA	0	NA
5 Balm	74,210	4.02	0	NA	0	NA
6 Total	193,647		0		0	

3

	CO ₂ Reductions (Tons)	NO _x Reductions (Tons)	SO ₂ Reductions (Tons)	Hg Reductions (lb)
7 Payne Creek	9,489	2.9	4.0	0.02
8 Balm	5,896	1.8	2.5	0.01
9 Total	15,384	4.7	6.5	0.03

	O&M Cost (\$)	Carrying Cost ⁽⁴⁾ (\$)	Capital Cost ⁽⁵⁾ (\$)	Other Cost ⁽⁶⁾ (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
10 Payne Creek	0	873,899	252,986	(109,126)	0	1,017,759
11 Balm	0	985,310	237,026	(110,922)	0	1,111,414
12 Total	0	1,859,209	490,012	(220,048)	0	2,129,173

NA Not applicable

(1) Net Generation data represents a calendar month.

(2) Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3.

(3) Fuel Cost per unit data from Schedule A4.

(4) Carrying Cost data represents return on average net investment.

(5) Capital Cost data represents depreciation expense on net investment.

(6) Other Cost data represents dismantlement costs and amortization on ITC. Dismantlement cost estimates will not be available