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October 22, 2018

**VIA: ELECTRONIC FILING**

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

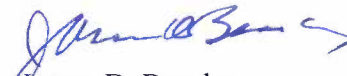
Re: Fuel and Purchased Power Cost Recovery Clause with Generating  
Performance Incentive Factor; FPSC Docket No. 20180001-EI

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 September 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 22<sup>nd</sup> day of October to the following:

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ATTORNEY

Tampa Electric Company  
SoBRA Projects  
September 2018

Hour	System Retail Demand (MW)	Average Hourly Net Output (kWh)	
		Payne Creek	Balm
1	2,292	(172)	(93)
2	2,150	(172)	(93)
3	2,055	(172)	(93)
4	1,995	(171)	(93)
5	1,980	(171)	(93)
6	2,048	(170)	(93)
7	2,182	(177)	(93)
8	2,232	168	8
9	2,374	2,551	1,645
10	2,631	5,660	3,174
11	2,900	11,941	3,952
12	3,158	21,660	5,236
13	3,381	29,441	6,348
14	3,545	32,753	6,515
15	3,626	32,134	7,070
16	3,641	32,079	6,782
17	3,648	29,679	6,476
18	3,596	21,333	5,457
19	3,445	7,409	2,518
20	3,302	30	(91)
21	3,201	(202)	(142)
22	2,988	(164)	(98)
23	2,737	(164)	(98)
24	2,497	(172)	(99)

**Tampa Electric Company  
SoBRA Projects  
September 2018**

	Net Capability (MW)	Net Generation <sup>(1)</sup> (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation <sup>(2)</sup> (MWh)
1 Payne Creek	70.3	6,980	13.8	0.4	1,864,316
2 Balm	74.4	1,682	3.1	0.1	
3 Total	144.7	8,662	8.3	0.5	

	Natural Gas Displaced (MCF)	Cost of NG <sup>(2)</sup> (\$/MCF)	Oil Displaced (Bbls)	Cost of Oil <sup>(2)</sup> (\$/Bbl)	Coal Displaced (Tons)	Cost of Coal <sup>(3)</sup> (\$/Ton)
4 Payne Creek	52,232	3.93	0	NA	0	NA
5 Balm	12,587	3.93	0	NA	0	NA
6 Total	64,818		0		0	

	CO <sub>2</sub> Reductions (Tons)	NO <sub>x</sub> Reductions (Tons)	SO <sub>2</sub> Reductions (Tons)	Hg Reductions (lb)
7 Payne Creek	4,150	1.3	1.7	0.01
8 Balm	1,000	0.3	0.4	0.00
9 Total	5,150	1.6	2.2	0.01

	O&M Cost (\$)	Carrying Cost <sup>(4)</sup> (\$)	Capital Cost <sup>(5)</sup> (\$)	Other Cost <sup>(6)</sup> (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
10 Payne Creek	0	290,892	0	(36,375)	0	254,517
11 Balm	0	324,824	0	(36,974)	0	287,850
12 Total	0	615,716	0	(73,349)	0	542,367

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 - September) 2018**

	Net Capability (MW)	Net Generation <sup>(1)</sup> (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation <sup>(2)</sup> (MWh)
1 Payne Creek	70.3	6,980	13.8	0.4	1,864,316
2 Balm	74.4	1,682	3.1	0.1	
3 Total	144.7	8,662	8.3	0.5	

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4 Payne Creek	52,232	3.93	0	NA	0	NA
5 Balm	12,587	3.93	0	NA	0	NA
6 Total	64,818		0		0	

	CO <sub>2</sub> Reductions (Tons)	NO <sub>x</sub> Reductions (Tons)	SO <sub>2</sub> Reductions (Tons)	Hg Reductions (lb)
7 Payne Creek	4,150	1.3	1.7	0.01
8 Balm	1,000	0.3	0.4	0.00
9 Total	5,150	1.6	2.2	0.01

	O&M Cost (\$)	Carrying Cost <sup>(4)</sup> (\$)	Capital Cost <sup>(5)</sup> (\$)	Other Cost <sup>(6)</sup> (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
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