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October 4, 2017

-VIA ELECTRONIC FILING-

Carlotta Stauffer, Director
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20170007-EI Environmental Cost Recovery Clause

Dear Ms. Stauffer:

I enclose for electronic filing in the above docket; Florida Power & Light Company's ("FPL") Solar Plant Operation Status Report for the month of August 2017, in accordance with Stipulation III.F. that was approved in Order No. PSC-11-0083-FOF-EI, Docket No. 100007-EI, dated January 31, 2011.

If there are any questions regarding this filing, please contact me at 561-304-5639.

Sincerely,

s/ John T. Butler
John T. Butler

Enclosures

cc: Counsel for Parties of Record (w/encl.)

CERTIFICATE OF SERVICE
Docket No. 20170007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 4th day of October 2017, to the following:

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By: s/John T. Butler
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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: August 2017

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,948	(58)	(17)	(439)
2	13,011	(57)	(17)	(457)
3	12,349	(56)	(17)	(505)
4	11,931	(56)	(17)	(528)
5	11,802	(55)	(18)	(538)
6	12,110	(56)	(18)	(554)
7	12,752	(56)	(18)	(548)
8	13,224	2,390	329	(689)
9	14,439	11,660	1,782	(822)
10	16,100	15,755	3,655	2,549
11	17,679	16,690	5,277	8,630
12	18,977	16,716	6,193	13,927
13	19,961	16,748	6,495	15,568
14	20,674	15,449	6,526	14,629
15	21,068	15,052	6,024	14,774
16	21,174	13,548	5,455	14,866
17	21,120	10,404	3,903	14,136
18	20,824	7,447	2,504	13,907
19	20,215	4,196	1,117	13,227
20	19,375	758	167	12,247
21	18,973	(68)	(29)	648
22	18,041	(59)	(23)	(262)
23	16,742	(58)	(18)	(303)
24	15,315	(57)	(17)	(348)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: August 2017

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,531	24.4%	0.04%	12,194,314
2	SPACE COAST	10	1,526	20.5%	0.01%	
3	MARTIN SOLAR	75	4,127	7.4%	0.03%	
4	Total	110	10,184	12.4%	0.08%	

	Natural Gas Displaced (MCF)	⁽²⁾ Cost of NG (\$/MCF)	Oil Displaced (Bbls)	⁽²⁾ Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	⁽³⁾ Cost of Coal (\$/Ton)	
5	DESOTO	33,097	\$4.36	379	\$80.05	505	\$72.67
6	SPACE COAST	11,828	\$4.36	152	\$80.05	144	\$72.67
7	MARTIN SOLAR	40,943	\$4.36	412	\$80.05	95	\$72.67
8	Total	85,867	\$374,107	943	\$75,465	743	\$54,024

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,931	2.0	1.2	0.01
10	SPACE COAST	1,137	0.8	0.5	0.00
11	MARTIN SOLAR	(77)	(0.1)	(0.0)	0.00
12	Total	3,991	2.7	1.7	0.02

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$48,479	\$960,555	\$431,991	(\$148,208)	\$0	\$1,292,817
14	SPACE COAST	\$26,549	\$445,032	\$195,649	(\$62,871)	\$0	\$604,360
15	MARTIN SOLAR	\$418,049	\$2,852,831	\$1,022,314	(\$402,196)	\$0	\$3,890,998
16	Total	\$493,077	\$4,258,418	\$1,649,954	(\$613,275)	\$0	\$5,788,175

- (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.

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: Year-to-Date (January - August) 2017

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	34,900	23.9%	0.04%	81,336,729
2	SPACE COAST	10	12,602	21.6%	0.02%	
3	MARTIN SOLAR	75	6,399	1.5%	0.01%	
4	Total	110	53,901	8.4%	0.07%	

	Natural Gas Displaced (MCF)	⁽²⁾ Cost of NG (\$/MCF)	Oil Displaced (Bbls)	⁽²⁾ Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	⁽³⁾ Cost of Coal (\$/Ton)	
5	DESOTO	218,094	\$4.29	1,119	\$77.63	4,982	\$73.17
6	SPACE COAST	78,099	\$4.29	432	\$77.63	1,842	\$73.17
7	MARTIN SOLAR	63,037	\$4.29	643	\$77.63	108	\$73.17
8	Total	359,230	\$1,540,610	2,193	\$170,276	6,933	\$507,281

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	23,501	21.7	13.0	0.13
10	SPACE COAST	8,862	8.3	5.1	0.05
11	MARTIN SOLAR	783	0.4	0.3	0.00
12	Total	33,146	30.4	18.4	0.18

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$391,421	\$7,776,030	\$3,456,846	(\$1,185,664)	\$0	\$10,438,634
14	SPACE COAST	\$108,022	\$3,601,608	\$1,567,428	(\$502,968)	\$0	\$4,774,090
15	MARTIN SOLAR	\$3,475,390	\$23,007,428	\$8,162,368	(\$3,217,568)	\$0	\$31,427,618
16	Total	\$3,974,834	\$34,385,066	\$13,186,641	(\$4,906,200)	\$0	\$46,640,341

- (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.