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November 20, 2018

-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. 20180007-EI Environmental Cost Recovery Clause

Dear Ms. Stauffer:

Attached for electronic filing in the above docket is Florida Power & Light Company's Solar Plant Operation Status Report for the month of October 2018, 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.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

s/ Maria J. Moncada
Maria J. Moncada

Attachments

cc: Counsel for Parties of Record

CERTIFICATE OF SERVICE
Docket No. 20180007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of November 2018 to the following:

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By: s/ Maria J. Moncada
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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: October 2018

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,576	(47)	(18)	(239)
2	11,757	(47)	(18)	(324)
3	11,210	(46)	(18)	(408)
4	10,863	(46)	(18)	(406)
5	10,789	(46)	(18)	(426)
6	11,173	(47)	(18)	(420)
7	12,009	(49)	(18)	(407)
8	12,430	169	52	(388)
9	13,229	7,288	1,503	(687)
10	14,612	13,150	3,618	735
11	15,931	14,048	5,173	6,292
12	17,054	13,936	6,346	13,345
13	17,941	14,166	6,748	19,294
14	18,681	13,491	6,991	21,767
15	19,149	12,731	6,816	23,566
16	19,400	12,922	5,554	22,169
17	19,378	11,094	3,877	22,252
18	18,926	7,610	1,888	21,222
19	18,128	1,205	273	15,831
20	17,855	(71)	(31)	4,090
21	17,155	(54)	(23)	4
22	16,130	(49)	(19)	(227)
23	14,890	(49)	(18)	(238)
24	13,566	(48)	(18)	(238)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: October 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,757	20.2%	0.03%	11,284,022
2	SPACE COAST	10	1,507	20.3%	0.01%	
3	MARTIN SOLAR	75	5,151	9.2%	0.05%	
4	Total	110	10,415	12.7%	0.09%	

	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	35,477	\$4.40	171	\$76.72	47	\$41.65
6	SPACE COAST	14,158	\$4.40	99	\$76.72	27	\$41.65
7	MARTIN SOLAR	51,272	\$4.40	317	\$76.72	90	\$41.65
8	Total	100,906	\$444,047	587	\$45,016	163	\$6,789

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,257	1.0	0.4	0.00
10	SPACE COAST	929	0.4	0.1	0.00
11	MARTIN SOLAR	3,339	1.6	0.7	0.00
12	Total	6,525	3.1	1.2	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$45,936	\$756,995	\$433,058	(\$148,208)	\$0	\$1,087,781
14	SPACE COAST	\$15,057	\$351,114	\$195,492	(\$62,871)	\$0	\$498,791
15	MARTIN SOLAR	\$330,668	\$2,284,463	\$1,022,766	(\$402,196)	\$0	\$3,235,701
16	Total	\$391,661	\$3,392,572	\$1,651,316	(\$613,275)	\$0	\$4,822,274

- (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 - October) 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	41,190	22.6%	0.04%	105,559,938
2	SPACE COAST	10	15,209	20.8%	0.01%	
3	MARTIN SOLAR	75	49,993	9.1%	0.05%	
4	Total	110	106,392	13.3%	0.10%	

	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	352,529	\$4.30	1,865	\$84.64	1,651	\$41.44
6	SPACE COAST	133,180	\$4.30	684	\$84.64	582	\$41.44
7	MARTIN SOLAR	471,838	\$4.30	2,920	\$84.64	1,773	\$41.44
8	Total	957,547	\$4,112,701	5,468	\$462,788	4,006	\$166,007

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	24,659	10.8	2.3	0.04
10	SPACE COAST	9,230	4.0	0.9	0.02
11	MARTIN SOLAR	32,436	14.2	3.2	0.04
12	Total	66,325	29.1	6.3	0.10

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$463,595	\$7,796,021	\$4,330,568	(\$1,482,080)	\$0	\$11,108,104
14	SPACE COAST	\$247,201	\$3,613,961	\$1,955,446	(\$628,710)	\$0	\$5,187,898
15	MARTIN SOLAR	\$3,414,389	\$23,389,999	\$10,229,035	(\$4,021,960)	\$0	\$33,011,463
16	Total	\$4,125,185	\$34,799,981	\$16,515,049	(\$6,132,750)	\$0	\$49,307,465

- (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.