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June 20, 2019

-VIA ELECTRONIC FILING-

Adam Teitzman
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20190007-EI Environmental Cost Recovery Clause

Dear Mr. Teitzman:

Attached for electronic filing in the above docket is Florida Power & Light Company's Solar Plant Operation Status Report for the month of May 2019, 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 (w/ attachments)

CERTIFICATE OF SERVICE
Docket No. 20190007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of June 2019 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: May 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,472	(54)	(19)	(135)
2	11,515	(53)	(19)	(138)
3	10,868	(53)	(19)	(155)
4	10,463	(53)	(18)	(162)
5	10,329	(52)	(19)	(213)
6	10,661	(53)	(19)	(305)
7	11,387	(27)	(8)	(370)
8	12,098	4,750	547	(541)
9	13,405	13,021	2,245	(203)
10	14,929	15,865	4,200	4,376
11	16,348	16,822	5,865	7,635
12	17,515	16,960	6,514	11,084
13	18,341	17,398	7,193	11,956
14	19,072	17,680	7,079	11,505
15	19,494	16,309	6,413	11,054
16	19,762	15,741	5,683	10,921
17	19,766	14,458	4,580	8,617
18	19,430	12,844	3,247	7,675
19	18,772	8,750	1,361	6,981
20	17,888	2,144	226	5,564
21	17,411	(73)	(28)	2,387
22	16,553	(61)	(26)	(218)
23	15,301	(57)	(22)	(241)
24	13,852	(55)	(20)	(211)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: May 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	5,337	28.7%	0.05%	11,340,944
2	SPACE COAST	10	1,703	22.9%	0.02%	
3	MARTIN SOLAR	75	3,003	5.4%	0.03%	
4	Total	110	10,043	12.3%	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	45,238	\$3.83	493	\$72.99	199	\$43.69
6	SPACE COAST	14,133	\$3.83	182	\$72.99	81	\$43.69
7	MARTIN SOLAR	24,454	\$3.83	281	\$72.99	201	\$43.69
8	Total	83,825	\$321,191	955	\$69,703	480	\$20,991

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,269	1.7	1.2	0.00
10	SPACE COAST	1,069	0.6	0.4	0.00
11	MARTIN SOLAR	1,939	1.1	0.7	0.00
12	Total	6,277	3.4	2.3	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$23,760	\$735,357	\$433,293	(\$148,208)	\$0	\$1,044,202
14	SPACE COAST	\$31,081	\$341,391	\$195,492	(\$62,871)	\$0	\$505,093
15	MARTIN SOLAR	\$443,520	\$2,243,327	\$1,026,087	(\$402,196)	\$0	\$3,310,738
16	Total	\$498,362	\$3,320,075	\$1,654,872	(\$613,275)	\$0	\$4,860,034

- (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 - May) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	20,530	22.7%	0.04%	48,430,276
2	SPACE COAST	10	7,444	20.5%	0.02%	
3	MARTIN SOLAR	75	17,322	6.4%	0.04%	
4	Total	110	45,296	11.4%	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	166,114	\$4.40	946	\$75.99	463	\$43.68
6	SPACE COAST	59,898	\$4.40	346	\$75.99	169	\$43.68
7	MARTIN SOLAR	142,602	\$4.40	677	\$75.99	366	\$43.68
8	Total	368,614	\$1,622,799	1,969	\$149,598	998	\$43,589

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	11,097	5.1	2.0	0.01
10	SPACE COAST	4,008	1.8	0.7	0.00
11	MARTIN SOLAR	9,397	4.3	1.5	0.01
12	Total	24,502	11.2	4.2	0.03

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$327,127	\$3,707,596	\$2,165,972	(\$741,040)	\$0	\$5,459,655
14	SPACE COAST	\$85,388	\$1,720,844	\$977,459	(\$314,355)	\$0	\$2,469,336
15	MARTIN SOLAR	\$1,435,428	\$11,279,805	\$5,129,951	(\$2,010,980)	\$0	\$15,834,204
16	Total	\$1,847,943	\$16,708,245	\$8,273,382	(\$3,066,375)	\$0	\$23,763,194

- (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.