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July 22, 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 June 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 22nd day of July 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: June 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,674	(54)	(18)	(335)
2	12,727	(55)	(18)	(336)
3	12,052	(55)	(18)	(346)
4	11,616	(55)	(18)	(355)
5	11,447	(54)	(18)	(361)
6	11,680	(55)	(18)	(390)
7	12,162	(23)	3	(467)
8	12,941	4,185	531	(665)
9	14,429	11,045	1,979	(858)
10	16,083	13,206	3,675	(402)
11	17,664	14,369	5,154	680
12	18,978	14,944	5,890	3,976
13	19,821	14,443	6,437	5,917
14	20,462	13,838	6,139	7,680
15	20,766	13,270	5,451	6,647
16	20,723	12,109	3,893	4,299
17	20,432	10,361	3,097	2,786
18	19,897	8,631	2,070	1,285
19	19,294	7,259	1,095	416
20	18,489	2,721	286	45
21	17,985	17	(22)	(371)
22	17,358	(60)	(26)	(372)
23	16,178	(57)	(20)	(360)
24	14,828	(55)	(18)	(333)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,196	23.3%	0.04%	11,593,913
2	SPACE COAST	10	1,365	19.0%	0.01%	
3	MARTIN SOLAR	75	833	1.5%	0.01%	
4	Total	110	6,395	8.1%	0.06%	

	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	36,290	\$3.72	697	\$81.07	93	\$44.37
6	SPACE COAST	12,059	\$3.72	229	\$81.07	18	\$44.37
7	MARTIN SOLAR	6,960	\$3.72	33	\$81.07	67	\$44.37
8	Total	55,309	\$205,838	959	\$77,723	178	\$7,898

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,649	1.5	1.1	0.00
10	SPACE COAST	856	0.5	0.4	0.00
11	MARTIN SOLAR	547	0.3	0.1	0.00
12	Total	4,052	2.3	1.7	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$98,803	\$732,270	\$433,344	(\$148,208)	\$0	\$1,116,209
14	SPACE COAST	\$19,893	\$340,002	\$195,492	(\$62,871)	\$0	\$492,516
15	MARTIN SOLAR	\$333,687	\$2,236,859	\$1,026,093	(\$402,196)	\$0	\$3,194,444
16	Total	\$452,384	\$3,309,131	\$1,654,929	(\$613,275)	\$0	\$4,803,168

- (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 - June) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	24,726	22.8%	0.04%	60,024,189
2	SPACE COAST	10	8,809	20.3%	0.01%	
3	MARTIN SOLAR	75	18,156	5.6%	0.03%	
4	Total	110	51,691	10.8%	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	202,404	\$4.31	1,642	\$77.66	556	\$43.78
6	SPACE COAST	71,957	\$4.31	575	\$77.66	187	\$43.78
7	MARTIN SOLAR	149,563	\$4.31	710	\$77.66	432	\$43.78
8	Total	423,923	\$1,828,638	2,927	\$227,321	1,176	\$51,487

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	13,746	6.6	3.1	0.02
10	SPACE COAST	4,864	2.3	1.1	0.01
11	MARTIN SOLAR	9,944	4.5	1.7	0.01
12	Total	28,554	13.5	5.9	0.03

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$425,930	\$4,439,866	\$2,599,316	(\$889,248)	\$0	\$6,575,864
14	SPACE COAST	\$105,281	\$2,060,846	\$1,172,951	(\$377,226)	\$0	\$2,961,852
15	MARTIN SOLAR	\$1,769,116	\$13,516,664	\$6,156,044	(\$2,413,176)	\$0	\$19,028,648
16	Total	\$2,300,326	\$20,017,376	\$9,928,310	(\$3,679,650)	\$0	\$28,566,363

- (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.