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May 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 April 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 May 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: April 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,005	(53)	(21)	(197)
2	10,103	(52)	(21)	(214)
3	9,535	(52)	(21)	(226)
4	9,204	(52)	(21)	(233)
5	9,147	(51)	(21)	(237)
6	9,583	(52)	(21)	(292)
7	10,520	(55)	(22)	(343)
8	11,152	2,030	294	(483)
9	12,135	11,909	1,873	(458)
10	13,355	16,120	3,883	3,391
11	14,427	16,298	5,342	12,341
12	15,311	16,810	6,532	19,595
13	16,015	16,095	7,418	22,347
14	16,635	16,455	7,503	22,444
15	17,129	16,440	6,912	21,135
16	17,531	15,265	6,307	20,983
17	17,744	13,623	4,921	20,110
18	17,642	12,593	3,273	18,618
19	17,130	9,068	1,292	14,741
20	16,355	1,231	128	10,455
21	16,043	(71)	(32)	3,278
22	15,126	(58)	(26)	(119)
23	13,826	(55)	(22)	(183)
24	12,347	(54)	(21)	(192)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	4,900	27.2%	10,030,843
2	SPACE COAST	10	1,663	23.1%	
3	MARTIN SOLAR	75	5,588	10.3%	
4	Total	110	12,151	15.3%	

	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	39,993	\$4.21	198	\$72.99	88	\$44.03
6	SPACE COAST	13,743	\$4.21	57	\$72.99	29	\$44.03
7	MARTIN SOLAR	49,098	\$4.21	198	\$72.99	67	\$44.03
8	Total	102,834	\$433,239	453	\$33,070	184	\$8,086

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,613	1.2	0.5	0.00
10	SPACE COAST	890	0.4	0.1	0.00
11	MARTIN SOLAR	3,109	1.4	0.5	0.00
12	Total	6,613	3.0	1.1	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$96,609	\$738,443	\$433,243	(\$148,208)	\$0	\$1,120,087
14	SPACE COAST	\$8,823	\$342,780	\$195,492	(\$62,871)	\$0	\$484,223
15	MARTIN SOLAR	\$363,705	\$2,249,745	\$1,026,087	(\$402,196)	\$0	\$3,237,341
16	Total	\$469,137	\$3,330,968	\$1,654,822	(\$613,275)	\$0	\$4,841,652

- (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 - April) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	15,193	21.1%	37,089,332
2	SPACE COAST	10	5,741	19.9%	
3	MARTIN SOLAR	75	14,319	6.6%	
4	Total	110	35,253	11.1%	

	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	120,876	\$4.57	453	\$78.82	264	\$43.67
6	SPACE COAST	45,766	\$4.57	164	\$78.82	89	\$43.67
7	MARTIN SOLAR	118,148	\$4.57	397	\$78.82	165	\$43.67
8	Total	284,790	\$1,301,609	1,014	\$79,895	517	\$22,598

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	7,827	3.3	0.8	0.01
10	SPACE COAST	2,939	1.2	0.3	0.00
11	MARTIN SOLAR	7,458	3.2	0.9	0.01
12	Total	18,225	7.8	1.9	0.02

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$303,366	\$2,972,239	\$1,732,679	(\$592,832)	\$0	\$4,415,452
14	SPACE COAST	\$54,307	\$1,379,453	\$781,967	(\$251,484)	\$0	\$1,964,243
15	MARTIN SOLAR	\$991,908	\$9,036,478	\$4,103,864	(\$1,608,784)	\$0	\$12,523,466
16	Total	\$1,349,581	\$13,388,170	\$6,618,509	(\$2,453,100)	\$0	\$18,903,161

- (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.