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June 22, 2020

**-VIA ELECTRONIC FILING-**

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

**Re: Docket No. 20200007-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 2020, 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 Jose Moncada*  
Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record

**CERTIFICATE OF SERVICE**  
**Docket No. 20200007-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished  
by electronic service on this 22nd day of June 2020 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 2020

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,721	(53)	(19)	(220)
2	10,813	(53)	(19)	(227)
3	10,182	(53)	(19)	(232)
4	9,795	(53)	(19)	(238)
5	9,633	(53)	(18)	(243)
6	9,767	(53)	(18)	(251)
7	10,115	(36)	(5)	(334)
8	10,761	3,735	464	(561)
9	12,095	10,198	1,969	(542)
10	13,593	13,730	3,846	2,604
11	14,972	14,735	5,129	8,353
12	16,170	16,023	6,160	16,461
13	17,151	16,908	6,668	21,480
14	17,857	16,227	6,632	24,074
15	18,280	15,996	6,459	25,408
16	18,462	14,657	5,849	24,152
17	18,453	13,024	4,451	19,968
18	18,248	10,904	2,764	17,190
19	17,698	7,962	1,117	13,216
20	16,770	1,814	169	8,479
21	16,227	(74)	(30)	2,115
22	15,425	(59)	(26)	(138)
23	14,280	(56)	(21)	(179)
24	13,032	(54)	(19)	(199)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: May 2020

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	4,815	25.9%	0.04%	10,764,707
2	SPACE COAST	10	1,595	21.4%	0.01%	
3	MARTIN SOLAR	75	5,584	10.0%	0.05%	
4	Total	110	11,995	14.7%	0.11%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	24,858	\$3.53	3	\$73.23	904	\$46.07
6	SPACE COAST	8,141	\$3.53	1	\$73.23	296	\$46.07
7	MARTIN SOLAR	23,740	\$3.53	3	\$73.23	1,457	\$46.07
8	Total	56,739	\$200,142	7	\$509	2,657	\$122,388

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,081	1.5	0.1	0.02
10	SPACE COAST	1,008	0.5	0.0	0.01
11	MARTIN SOLAR	4,003	2.0	0.1	0.03
12	Total	8,092	3.9	0.2	0.05

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	(\$5,725)	\$720,672	\$433,170	(\$148,208)	\$0	\$999,908
14	SPACE COAST	\$9,725	\$335,551	\$195,492	(\$62,871)	\$0	\$477,897
15	MARTIN SOLAR	\$306,532	\$2,241,081	\$1,027,767	(\$402,196)	\$0	\$3,173,183
16	Total	\$310,531	\$3,297,304	\$1,656,428	(\$613,275)	\$0	\$4,650,989

- (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) 2020

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	19,593	21.6%	0.04%	49,269,551
2	SPACE COAST	10	7,296	20.1%	0.01%	
3	MARTIN SOLAR	75	14,750	5.4%	0.03%	
4	Total	110	41,640	10.4%	0.08%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	138,989	\$3.42	152	\$73.00	1,087	\$46.02
6	SPACE COAST	51,868	\$3.42	44	\$73.00	374	\$46.02
7	MARTIN SOLAR	95,032	\$3.42	18	\$73.00	1,601	\$46.02
8	Total	285,888	\$977,221	214	\$15,620	3,062	\$140,893

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	10,211	4.4	0.5	0.02
10	SPACE COAST	3,748	1.6	0.1	0.01
11	MARTIN SOLAR	8,468	3.8	0.2	0.03
12	Total	22,427	9.8	0.8	0.07

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$154,385	\$3,635,210	\$2,167,166	(\$741,040)	\$0	\$5,215,721
14	SPACE COAST	\$103,349	\$1,692,116	\$977,459	(\$314,355)	\$0	\$2,458,568
15	MARTIN SOLAR	\$2,309,421	\$11,265,957	\$5,138,228	(\$2,010,980)	\$0	\$16,702,626
16	Total	\$2,567,154	\$16,593,283	\$8,282,853	(\$3,066,375)	\$0	\$24,376,915

- (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.