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March 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 February 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

**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 March 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: February 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,742	(50)	(19)	(169)
2	9,058	(49)	(19)	(173)
3	8,666	(49)	(19)	(175)
4	8,471	(49)	(19)	(165)
5	8,524	(49)	(20)	(160)
6	9,046	(51)	(20)	(212)
7	10,100	(53)	(21)	(375)
8	10,913	1,245	371	(571)
9	11,905	8,197	2,123	(437)
10	12,897	12,286	3,893	1,921
11	13,695	13,123	5,339	6,046
12	14,281	13,434	6,349	9,707
13	14,729	13,063	6,629	12,581
14	15,051	12,697	6,299	13,275
15	15,257	11,534	5,539	14,458
16	15,338	10,750	4,413	14,750
17	15,229	9,292	2,454	14,146
18	14,945	3,071	573	14,197
19	14,989	(37)	(24)	4,711
20	14,760	(57)	(27)	212
21	13,994	(53)	(22)	(140)
22	13,061	(51)	(20)	(161)
23	12,017	(51)	(19)	(167)
24	10,809	(50)	(19)	(166)

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

	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	3,025	18.0%	0.04%	8,624,310
2 SPACE COAST	10	1,224	18.2%	0.01%	
3 MARTIN SOLAR	75	2,882	5.7%	0.03%	
4 Total	110	7,131	9.6%	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	22,709	\$4.56	15	\$91.59	15	\$43.37
6 SPACE COAST	9,108	\$4.56	14	\$91.59	8	\$43.37
7 MARTIN SOLAR	21,738	\$4.56	4	\$91.59	7	\$43.37
8 Total	53,554	\$244,240	34	\$3,070	30	\$1,308

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	1,372	0.6	0.0	0.00
10 SPACE COAST	557	0.2	0.0	0.00
11 MARTIN SOLAR	1,294	0.5	0.0	0.00
12 Total	3,223	1.3	0.0	0.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$62,362	\$744,592	\$433,138	(\$148,208)	\$0	\$1,091,883
14 SPACE COAST	\$7,304	\$345,558	\$195,492	(\$62,871)	\$0	\$485,482
15 MARTIN SOLAR	\$199,070	\$2,262,145	\$1,025,975	(\$402,196)	\$0	\$3,084,994
16 Total	\$268,736	\$3,352,295	\$1,654,604	(\$613,275)	\$0	\$4,662,360

- <sup>(1)</sup> Net Generation data represents a calendar month.  
<sup>(2)</sup> Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3.  
<sup>(3)</sup> Fuel Cost per unit data from Schedule A4.  
<sup>(4)</sup> Carrying Cost data represents return on average net investment.  
<sup>(5)</sup> Capital Cost data represents depreciation expense on net investment.  
<sup>(6)</sup> 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 - February) 2019

	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	6,044	17.1%	0.03%	17,672,914
2	SPACE COAST	10	2,551	18.0%	0.01%	
3	MARTIN SOLAR	75	4,723	4.4%	0.03%	
4	Total	110	13,318	8.6%	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	48,530	\$4.95	15	\$91.59	51	\$42.59
6	SPACE COAST	20,251	\$4.95	14	\$91.59	19	\$42.59
7	MARTIN SOLAR	37,977	\$4.95	4	\$91.59	32	\$42.59
8	Total	106,757	\$528,540	34	\$3,070	102	\$4,358

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,967	1.1	0.0	0.00
10	SPACE COAST	1,238	0.5	0.0	0.00
11	MARTIN SOLAR	2,301	0.9	0.0	0.00
12	Total	6,505	2.4	0.1	0.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$133,390	\$1,492,268	\$866,245	(\$296,416)	\$0	\$2,195,487
14	SPACE COAST	\$37,703	\$692,505	\$390,984	(\$125,742)	\$0	\$995,449
15	MARTIN SOLAR	\$439,457	\$4,530,865	\$2,051,746	(\$804,392)	\$0	\$6,217,676
16	Total	\$610,550	\$6,715,637	\$3,308,974	(\$1,226,550)	\$0	\$9,408,612

- (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.