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February 20, 2018

**-VIA ELECTRONIC FILING -**

Ms. Carlotta S. Stauffer  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 20180007-EI Environmental Cost Recovery Clause**

Dear Ms. Stauffer:

I enclose for electronic filing in the above docket Florida Power & Light Company's ("FPL") Solar Plant Operation Status Report for the month of January 2018, 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

Enclosures

cc: Counsel for Parties of Record

**CERTIFICATE OF SERVICE**  
**Docket No. 20180007-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished  
by electronic service on this 20th day of February 2018 to the following:

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By: s/ Maria J. Moncada

Maria J. Moncada  
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Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: January 2018

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,012	(53)	(22)	(380)
2	9,585	(53)	(22)	(386)
3	9,402	(54)	(22)	(375)
4	9,393	(55)	(22)	(388)
5	9,637	(56)	(22)	(398)
6	10,352	(57)	(22)	(435)
7	11,568	(59)	(22)	(428)
8	12,530	499	90	(444)
9	13,072	6,915	1,747	(553)
10	13,321	10,697	3,741	(391)
11	13,341	11,714	5,270	1,242
12	13,249	12,123	5,946	4,033
13	13,088	11,773	6,201	6,152
14	12,899	11,260	6,066	6,968
15	12,703	11,267	5,096	6,850
16	12,562	10,249	3,655	7,452
17	12,542	7,224	1,694	7,310
18	12,940	1,308	162	2,714
19	13,831	(72)	(33)	(198)
20	13,735	(57)	(27)	(307)
21	13,305	(55)	(24)	(321)
22	12,609	(54)	(23)	(331)
23	11,751	(53)	(22)	(343)
24	10,784	(53)	(22)	(379)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: January 2018

	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	2,923	15.7%	0.03%	9,252,603
2 SPACE COAST	10	1,220	16.4%	0.01%	
3 MARTIN SOLAR	75	1,137	2.0%	0.01%	
4 Total	110	5,280	6.5%	0.06%	

	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	21,350	\$4.84	220	\$75.13	121	\$40.12
6 SPACE COAST	9,426	\$4.84	81	\$75.13	26	\$40.12
7 MARTIN SOLAR	9,510	\$4.84	38	\$75.13	-9	\$40.12
8 Total	40,287	\$194,947	339	\$25,494	138	\$5,518

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	1,591	0.8	0.5	0.00
10 SPACE COAST	645	0.3	0.2	0.00
11 MARTIN SOLAR	565	0.2	0.1	0.00
12 Total	2,801	1.3	0.8	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	\$35,050	\$799,505	\$433,090	(\$148,208)	\$0	\$1,119,437
14 SPACE COAST	\$26,515	\$370,401	\$195,649	(\$62,871)	\$0	\$529,694
15 MARTIN SOLAR	\$428,249	\$2,387,562	\$1,022,919	(\$402,196)	\$0	\$3,436,535
16 Total	\$489,814	\$3,557,469	\$1,651,658	(\$613,275)	\$0	\$5,085,666

<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 - January) 2018

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
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- (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.