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February 20, 2017

**-VIA ELECTRONIC FILING -**

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

**Re: Docket No. 170007-EI**

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 2017, 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.

If there are any questions regarding this transmittal, please contact me at (561) 304-5639.

Sincerely,

*s/ John T. Butler*  
John T. Butler

Enclosures

cc: Counsel for Parties of Record (w/encl.)

**CERTIFICATE OF SERVICE**  
**Docket No. 170007-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 2017, to the following:

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By: s/ John T. Butler  
John T. Butler  
Florida Bar No. 283479

Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: January 2017

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,321	(49)	(18)	(181)
2	8,736	(48)	(18)	(221)
3	8,413	(48)	(18)	(225)
4	8,269	(48)	(18)	(224)
5	8,350	(49)	(18)	(228)
6	8,906	(50)	(18)	(231)
7	9,979	(51)	(17)	(237)
8	10,755	477	95	(221)
9	11,513	7,209	1,964	(386)
10	12,246	12,283	4,111	(273)
11	12,776	13,845	5,328	355
12	13,099	13,163	6,326	622
13	13,307	12,379	6,591	1,273
14	13,436	12,043	6,000	1,752
15	13,481	12,124	5,494	1,710
16	13,475	11,812	4,308	1,920
17	13,375	8,707	2,126	2,292
18	13,397	1,643	149	1,189
19	14,032	(69)	(30)	58
20	13,755	(53)	(21)	(129)
21	13,122	(51)	(18)	(134)
22	12,310	(50)	(17)	(143)
23	11,333	(50)	(17)	(144)
24	10,227	(49)	(18)	(151)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: January 2017

	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	3,256	17.5%	0.04%	8,956,485
2 SPACE COAST	10	1,310	17.6%	0.01%	
3 MARTIN SOLAR	75	249	0.4%	0.00%	
4 Total	110	4,815	5.9%	0.05%	

	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	13,135	\$4.67	0	\$84.24	667	\$68.20
6 SPACE COAST	4,773	\$4.67	0	\$84.24	306	\$68.20
7 MARTIN SOLAR	1,764	\$4.67	0	\$84.24	-6	\$68.20
8 Total	19,672	\$91,886	0	\$0	967	\$65,970

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	2,188	2.3	2.3	0.02
10 SPACE COAST	926	1.0	1.0	0.01
11 MARTIN SOLAR	95	0.0	0.0	0.00
12 Total	3,209	3.4	3.3	0.02

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$36,685	\$984,675	\$432,418	(\$148,208)	\$0	\$1,305,570
14 SPACE COAST	\$8,428	\$455,821	\$196,187	(\$62,871)	\$0	\$597,564
15 MARTIN SOLAR	\$406,187	\$2,895,218	\$1,018,631	(\$402,196)	\$0	\$3,917,840
16 Total	\$451,300	\$4,335,713	\$1,647,236	(\$613,275)	\$0	\$5,820,974

- <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) 2017

	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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