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April 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 March 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 April 2017, to the following:

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By: s/ John T. Butler
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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: March 2017

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,422	(55)	(17)	(153)
2	8,691	(54)	(17)	(150)
3	8,258	(54)	(17)	(149)
4	8,052	(53)	(17)	(150)
5	8,087	(52)	(18)	(150)
6	8,597	(52)	(18)	(149)
7	9,649	(51)	(16)	(146)
8	10,431	1,578	414	(178)
9	11,174	9,529	2,075	(211)
10	12,018	16,152	4,312	(229)
11	12,744	17,317	6,387	(217)
12	13,261	16,452	7,674	(210)
13	13,660	16,219	8,423	(210)
14	13,975	15,472	8,389	(205)
15	14,222	15,036	7,677	(204)
16	14,428	15,035	6,806	(196)
17	14,520	15,166	4,826	(186)
18	14,406	11,837	2,705	(176)
19	14,173	5,693	842	(164)
20	13,998	336	28	(161)
21	13,793	(64)	(25)	(150)
22	12,931	(58)	(19)	(150)
23	11,835	(57)	(18)	(150)
24	10,559	(54)	(17)	(146)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,812	25.9%	0.05%	8,921,785
2	SPACE COAST	10	1,871	25.1%	0.02%	
3	MARTIN SOLAR	75	(130)	-0.2%	0.00%	
4	Total	110	6,553	8.0%	0.07%	

	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	32,287	\$3.95	18	\$73.75	508	\$59.76
6	SPACE COAST	12,286	\$3.95	10	\$73.75	202	\$59.76
7	MARTIN SOLAR	(755)	\$3.95	0	\$73.75	(16)	\$59.76
8	Total	43,818	\$172,956	27	\$2,003	695	\$41,529

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,931	2.0	1.2	0.01
10	SPACE COAST	1,137	0.8	0.5	0.00
11	MARTIN SOLAR	(77)	(0.1)	0.0	0.00
12	Total	3,991	2.7	1.7	0.02

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$41,035	\$977,089	\$432,174	(\$148,208)	\$0	\$1,302,090
14	SPACE COAST	\$11,065	\$452,479	\$196,141	(\$62,871)	\$0	\$596,814
15	MARTIN SOLAR	\$390,803	\$2,887,159	\$1,019,210	(\$402,196)	\$0	\$3,894,976
16	Total	\$442,903	\$4,316,727	\$1,647,525	(\$613,275)	\$0	\$5,793,880

- (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 - March) 2017

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	11,638	21.6%	0.04%	26,034,776
2	SPACE COAST	10	4,610	21.3%	0.02%	
3	MARTIN SOLAR	75	35	0.0%	0.00%	
4	Total	110	16,283	6.9%	0.06%	

	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	61,387	\$4.19	18	\$73.75	1,795	\$66.03
6	SPACE COAST	23,749	\$4.19	10	\$73.75	733	\$66.03
7	MARTIN SOLAR	663	\$4.19	0	\$73.75	-39	\$66.03
8	Total	85,799	\$359,812	27	\$2,003	2,488	\$164,298

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	7,372	6.5	5.6	0.04
10	SPACE COAST	2,936	2.6	2.3	0.02
11	MARTIN SOLAR	-38	-0.1	-0.1	0.00
12	Total	10,270	9.1	7.8	0.06

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$146,821	\$2,942,726	\$1,296,759	(\$444,624)	\$0	\$3,941,683
14	SPACE COAST	\$37,381	\$1,362,449	\$588,515	(\$188,613)	\$0	\$1,799,731
15	MARTIN SOLAR	\$1,204,287	\$8,675,126	\$3,056,986	(\$1,206,588)	\$0	\$11,729,810
16	Total	\$1,388,489	\$12,980,301	\$4,942,259	(\$1,839,825)	\$0	\$17,471,224

- (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.