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April 20, 2016

-VIA ELECTRONIC FILING -

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

Re: Docket No. 160007-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 2016, 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. 160007-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 2016, 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 2016

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,927	(43)	(18)	(352)
2	8,853	(44)	(18)	(438)
3	8,724	(43)	(17)	(496)
4	8,493	(42)	(17)	(503)
5	8,500	(42)	(17)	(507)
6	8,987	(42)	(18)	(515)
7	10,020	(42)	(12)	(521)
8	10,789	1,763	507	(536)
9	11,514	8,141	2,026	(313)
10	12,422	13,056	3,820	4,329
11	13,314	14,903	5,854	10,451
12	13,968	14,514	7,001	15,797
13	14,469	14,788	7,214	18,413
14	14,824	15,563	7,209	21,766
15	15,049	15,167	6,782	23,771
16	15,137	13,783	5,747	24,706
17	15,164	11,886	3,758	24,534
18	15,023	8,560	1,923	22,594
19	14,849	3,889	570	14,393
20	14,743	194	20	6,658
21	14,461	(52)	(21)	2,259
22	13,564	(48)	(20)	(115)
23	12,484	(47)	(19)	(290)
24	11,163	(45)	(19)	(317)

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: March 2016

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,207	22.6%	0.05%	9,219,999
2	SPACE COAST	10	1,619	21.8%	0.02%	
3	MARTIN SOLAR	75	5,728	10.3%	0.06%	
4	Total	110	11,554	14.1%	0.13%	

	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	12,080	\$3.68	109	\$103.57	1,289	\$72.23
6	SPACE COAST	4,605	\$3.68	25	\$103.57	504	\$72.23
7	MARTIN SOLAR	14,460	\$3.68	388	\$103.57	1,948	\$72.23
8	Total	31,145	\$114,730	522	\$54,024	3,741	\$270,212

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,452	4.9	5.5	0.03
10	SPACE COAST	1,339	1.9	2.2	0.01
11	MARTIN SOLAR	5,160	7.5	8.3	0.05
12	Total	9,951	14.3	15.9	0.09

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$74,978	\$1,043,381	\$421,324	(\$154,336)	\$0	\$1,385,347
14	SPACE COAST	\$13,239	\$476,451	\$195,442	(\$64,351)	\$0	\$620,781
15	MARTIN SOLAR	\$544,930	\$3,003,436	\$1,165,487	(\$422,904)	\$0	\$4,290,949
16	Total	\$633,147	\$4,523,268	\$1,782,253	(\$641,591)	\$0	\$6,297,076

- (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) 2016

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	10,431	19.1%	26,308,019
2	SPACE COAST	10	4,295	19.7%	
3	MARTIN SOLAR	75	13,460	8.2%	
4	Total	110	28,185	11.7%	

	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	37,565	\$3.95	115	\$103.29	2,740	\$66.68
6	SPACE COAST	15,628	\$3.95	27	\$103.29	1,124	\$66.68
7	MARTIN SOLAR	46,297	\$3.95	392	\$103.29	3,605	\$66.68
8	Total	99,490	\$392,608	534	\$55,129	7,469	\$498,085

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	7,725	8.5	8.4	0.07
10	SPACE COAST	3,180	3.5	3.5	0.03
11	MARTIN SOLAR	10,445	13.1	13.7	0.09
12	Total	21,349	25.2	25.6	0.18

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$194,338	\$3,133,267	\$1,261,041	(\$463,008)	\$0	\$4,125,638
14	SPACE COAST	\$56,761	\$1,434,355	\$586,327	(\$193,053)	\$0	\$1,884,390
15	MARTIN SOLAR	\$1,174,445	\$9,039,113	\$3,495,261	(\$1,268,712)	\$0	\$12,440,107
16	Total	\$1,425,544	\$13,606,735	\$5,342,629	(\$1,924,773)	\$0	\$18,450,134

- (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.