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December 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 November 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 December 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: November 2016

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,744	(48)	(17)	(315)
2	8,794	(47)	(18)	(376)
3	8,411	(47)	(18)	(382)
4	8,229	(48)	(18)	(382)
5	8,273	(49)	(18)	(388)
6	8,753	(50)	(18)	(435)
7	9,677	(51)	(13)	(486)
8	10,364	3,198	624	(525)
9	11,181	11,047	2,811	(328)
10	12,076	14,222	4,794	4,399
11	12,846	14,845	6,026	11,098
12	13,418	13,531	6,731	16,642
13	13,877	13,299	6,980	18,809
14	14,246	12,858	6,380	19,450
15	14,405	11,656	5,429	20,072
16	14,378	11,178	3,968	20,317
17	14,158	7,117	1,838	21,850
18	14,083	1,393	383	13,450
19	14,256	33	(11)	3,446
20	13,868	(55)	(19)	(148)
21	13,258	(51)	(16)	(221)
22	12,437	(50)	(16)	(243)
23	11,474	(49)	(16)	(248)
24	10,393	(50)	(17)	(258)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,413	19.0%	0.04%	8,446,180
2	SPACE COAST	10	1,372	19.1%	0.02%	
3	MARTIN SOLAR	75	4,344	8.0%	0.05%	
4	Total	110	9,130	11.5%	0.11%	

	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	12,012	\$4.23	0	\$55.74	813	\$66.12
6	SPACE COAST	4,883	\$4.23	0	\$55.74	331	\$66.12
7	MARTIN SOLAR	16,417	\$4.23	0	\$55.74	972	\$66.12
8	Total	33,312	\$140,758	0	(\$0)	2,116	\$139,937

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,426	2.7	0.6	0.02
10	SPACE COAST	979	1.0	0.2	0.01
11	MARTIN SOLAR	3,055	3.5	0.8	0.02
12	Total	6,460	7.2	1.7	0.05

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$131,101	\$1,006,049	\$421,020	(\$154,336)	\$0	\$1,403,834
14	SPACE COAST	\$44,428	\$465,874	\$195,406	(\$64,351)	\$0	\$641,357
15	MARTIN SOLAR	\$476,898	\$2,947,569	\$1,165,178	(\$422,904)	\$0	\$4,166,741
16	Total	\$652,427	\$4,419,492	\$1,781,605	(\$641,591)	\$0	\$6,211,932

- (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 - November) 2016

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	45,858	22.8%	109,827,536
2	SPACE COAST	10	17,072	21.2%	
3	MARTIN SOLAR	75	72,686	12.1%	
4	Total	110	135,616	15.3%	

	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	244,529	\$3.91	4,574	\$94.57	7,976	\$65.76
6	SPACE COAST	92,005	\$3.91	1,681	\$94.57	2,955	\$65.76
7	MARTIN SOLAR	423,017	\$3.91	5,265	\$94.57	12,506	\$65.76
8	Total	759,551	\$2,971,058	11,520	\$1,089,482	23,437	\$1,541,164

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	32,522	35.2	27.6	0.21
10	SPACE COAST	12,145	13.1	10.4	0.08
11	MARTIN SOLAR	52,090	54.2	42.8	0.31
12	Total	96,757	102.5	80.9	0.60

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$714,136	\$11,343,106	\$4,629,942	(\$1,843,032)	\$0	\$14,844,153
14	SPACE COAST	\$205,036	\$5,199,859	\$2,149,665	(\$707,861)	\$0	\$6,846,699
15	MARTIN SOLAR	\$3,422,706	\$32,815,588	\$12,817,149	(\$4,651,944)	\$0	\$44,403,500
16	Total	\$4,341,879	\$49,358,554	\$19,596,756	(\$7,202,837)	\$0	\$66,094,352

- (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.