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August 19, 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 July 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 19th day of August 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: July 2016

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	14,527	(54)	(18)	(276)
2	13,523	(54)	(18)	(341)
3	12,828	(54)	(18)	(427)
4	12,368	(53)	(18)	(423)
5	12,167	(53)	(18)	(462)
6	12,337	(52)	(18)	(458)
7	12,729	(37)	(12)	(457)
8	13,364	4,609	484	(519)
9	14,838	14,454	2,030	1,121
10	16,562	17,247	4,171	10,548
11	18,231	18,209	5,530	17,228
12	19,627	18,315	6,824	20,731
13	20,649	17,904	7,449	20,818
14	21,383	17,782	7,904	20,663
15	21,770	16,416	7,936	17,500
16	21,894	14,827	6,743	17,669
17	21,774	10,815	5,608	16,695
18	21,379	7,349	3,558	14,181
19	20,726	4,758	1,579	9,361
20	19,799	1,781	289	8,959
21	19,229	(9)	(26)	2,646
22	18,520	(57)	(25)	85
23	17,269	(54)	(19)	(252)
24	15,863	(54)	(18)	(261)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	5,082	27.3%	0.04%	11,978,462
2	SPACE COAST	10	1,857	25.0%	0.02%	
3	MARTIN SOLAR	75	5,404	9.7%	0.05%	
4	Total	110	12,343	15.1%	0.10%	

	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	34,455	\$3.99	2,160	\$95.27	240	\$55.75
6	SPACE COAST	13,447	\$3.99	841	\$95.27	59	\$55.75
7	MARTIN SOLAR	46,621	\$3.99	855	\$95.27	211	\$55.75
8	Total	94,523	\$376,799	3,856	\$367,388	510	\$28,411

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,400	4.6	3.6	0.02
10	SPACE COAST	1,269	1.7	1.3	0.01
11	MARTIN SOLAR	3,117	3.3	1.6	0.01
12	Total	7,787	9.6	6.4	0.03

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$57,475	\$1,039,592	\$426,666	(\$154,336)	\$0	\$1,369,397
14	SPACE COAST	\$11,304	\$472,594	\$195,406	(\$64,351)	\$0	\$614,953
15	MARTIN SOLAR	\$244,727	\$2,982,449	\$1,165,033	(\$422,904)	\$0	\$3,969,304
16	Total	\$313,506	\$4,494,635	\$1,787,105	(\$641,591)	\$0	\$5,953,654

- (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 - July) 2016

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	29,960	23.4%	0.04%	69,098,208
2	SPACE COAST	10	11,349	22.2%	0.02%	
3	MARTIN SOLAR	75	53,839	14.0%	0.08%	
4	Total	110	95,147	16.9%	0.14%	

	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	149,398	\$3.83	3,036	\$96.74	5,696	\$65.00
6	SPACE COAST	57,055	\$3.83	1,125	\$96.74	2,155	\$65.00
7	MARTIN SOLAR	283,645	\$3.83	3,296	\$96.74	10,480	\$65.00
8	Total	490,099	\$1,876,866	7,458	\$721,502	18,330	\$1,191,379

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	21,239	22.9	20.9	0.15
10	SPACE COAST	8,105	8.9	8.1	0.06
11	MARTIN SOLAR	38,561	40.4	37.1	0.26
12	Total	67,905	72.2	66.1	0.46

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$433,868	\$7,287,635	\$2,958,852	(\$1,080,352)	\$0	\$9,600,003
14	SPACE COAST	\$103,032	\$3,326,295	\$1,368,041	(\$450,457)	\$0	\$4,346,911
15	MARTIN SOLAR	\$2,111,901	\$20,973,849	\$8,156,895	(\$2,960,328)	\$0	\$28,282,316
16	Total	\$2,648,801	\$31,587,778	\$12,483,788	(\$4,491,137)	\$0	\$42,229,231

- (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.