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March 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 February 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 March 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: February 2017

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,116	(49)	(17)	(108)
2	8,449	(49)	(18)	(109)
3	8,085	(49)	(18)	(109)
4	7,924	(49)	(18)	(109)
5	7,996	(50)	(18)	(109)
6	8,538	(51)	(18)	(109)
7	9,649	(53)	(18)	(108)
8	10,452	1,575	494	(118)
9	11,280	8,999	2,685	(135)
10	12,105	13,476	4,680	(149)
11	12,754	14,908	6,320	(155)
12	13,224	14,829	7,083	(157)
13	13,617	14,371	7,324	(158)
14	13,947	14,925	7,048	(157)
15	14,195	14,358	6,385	(156)
16	14,358	14,043	5,231	(153)
17	14,306	11,708	3,179	(142)
18	14,072	4,959	852	(122)
19	14,268	(11)	(25)	(110)
20	14,158	(57)	(25)	(111)
21	13,447	(53)	(18)	(111)
22	12,512	(51)	(17)	(111)
23	11,430	(51)	(17)	(110)
24	10,210	(50)	(17)	(110)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	3,571	21.3%	0.04%	8,156,506
2 SPACE COAST	10	1,429	21.3%	0.02%	
3 MARTIN SOLAR	75	(85)	-0.2%	0.00%	
4 Total	110	4,915	6.6%	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	15,965	\$4.26	0	\$0.00	619	\$68.75
6 SPACE COAST	6,689	\$4.26	0	\$0.00	224	\$68.75
7 MARTIN SOLAR	(346)	\$4.26	0	\$0.00	(17)	\$68.75
8 Total	22,308	\$94,969	0	\$0	826	\$56,799

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	2,253	2.2	2.1	0.02
10 SPACE COAST	873	0.9	0.8	0.01
11 MARTIN SOLAR	(56)	(0.1)	(0.0)	(0.00)
12 Total	3,070	3.0	2.9	0.02

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$69,101	\$980,963	\$432,167	(\$148,208)	\$0	\$1,334,023
14 SPACE COAST	\$17,888	\$454,149	\$196,187	(\$62,871)	\$0	\$605,353
15 MARTIN SOLAR	\$407,297	\$2,892,749	\$1,019,145	(\$402,196)	\$0	\$3,916,994
16 Total	\$494,286	\$4,327,861	\$1,647,498	(\$613,275)	\$0	\$5,856,370

- ⁽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 - February) 2017

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	6,826	19.3%	0.04%	17,112,991
2	SPACE COAST	10	2,739	19.3%	0.02%	
3	MARTIN SOLAR	75	165	0.2%	0.00%	
4	Total	110	9,730	6.2%	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	29,100	\$4.45	0	\$0.00	1,286	\$68.45
6	SPACE COAST	11,463	\$4.45	0	\$0.00	531	\$68.45
7	MARTIN SOLAR	1,418	\$4.45	0	\$0.00	(24)	\$68.45
8	Total	41,981	\$186,856	0	\$0	1,793	\$122,769

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	4,441	4.5	4.4	0.03
10	SPACE COAST	1,799	1.9	1.8	0.01
11	MARTIN SOLAR	39	0.0	0.0	0.00
12	Total	6,279	6.4	6.2	0.04

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$105,786	\$1,965,638	\$864,585	(\$296,416)	\$0	\$2,639,593
14	SPACE COAST	\$26,316	\$909,970	\$392,374	(\$125,742)	\$0	\$1,202,917
15	MARTIN SOLAR	\$813,484	\$5,787,967	\$2,037,776	(\$804,392)	\$0	\$7,834,834
16	Total	\$945,586	\$8,663,575	\$3,294,734	(\$1,226,550)	\$0	\$11,677,344

- (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.