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March 21, 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 February 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 21st day of March 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: February 2016

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,202	(44)	(17)	(341)
2	8,696	(43)	(17)	(449)
3	8,467	(42)	(17)	(459)
4	8,438	(43)	(17)	(456)
5	8,637	(43)	(17)	(448)
6	9,373	(44)	(17)	(445)
7	10,737	(44)	(17)	(482)
8	11,685	1,684	488	(503)
9	12,188	9,523	2,800	94
10	12,515	13,809	5,185	8,959
11	12,684	14,062	6,761	18,883
12	12,695	13,810	7,708	22,544
13	12,589	13,306	7,733	25,200
14	12,593	13,513	7,715	24,389
15	12,498	12,898	6,504	22,890
16	12,474	12,701	5,039	21,584
17	12,476	10,450	3,230	22,184
18	12,596	4,270	914	19,111
19	13,289	(12)	(12)	7,358
20	13,417	(47)	(20)	1,376
21	12,911	(45)	(19)	(205)
22	12,124	(44)	(18)	(238)
23	11,178	(43)	(18)	(266)
24	10,102	(43)	(18)	(275)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,465	19.9%	0.04%	8,158,295
2	SPACE COAST	10	1,562	22.4%	0.02%	
3	MARTIN SOLAR	75	5,510	10.6%	0.07%	
4	Total	110	10,537	13.8%	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	12,925	\$4.10	1	\$91.01	807	\$69.73
6	SPACE COAST	6,092	\$4.10	1	\$91.01	351	\$69.73
7	MARTIN SOLAR	20,577	\$4.10	4	\$91.01	1,264	\$69.73
8	Total	39,594	\$162,473	6	\$582	2,422	\$168,910

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,409	3	3	0.02
10	SPACE COAST	1,085	1	1	0.01
11	MARTIN SOLAR	3,944	5	5	0.03
12	Total	7,439	9	9	0.06

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$88,964	\$1,044,456	\$420,338	(\$154,336)	\$0	\$1,399,422
14	SPACE COAST	\$32,558	\$478,118	\$195,442	(\$64,351)	\$0	\$641,767
15	MARTIN SOLAR	\$456,680	\$3,013,185	\$1,165,251	(\$422,904)	\$0	\$4,212,211
16	Total	\$578,201	\$4,535,760	\$1,781,031	(\$641,591)	\$0	\$6,253,401

- ⁽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) 2016

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	6,224	17.3%	0.04%	17,088,020
2	SPACE COAST	10	2,675	18.6%	0.02%	
3	MARTIN SOLAR	75	7,732	7.2%	0.05%	
4	Total	110	16,631	10.5%	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	25,485	\$4.07	6	\$91.28	1,451	\$61.12
6	SPACE COAST	11,022	\$4.07	2	\$91.28	620	\$61.12
7	MARTIN SOLAR	31,837	\$4.07	4	\$91.28	1,657	\$61.12
8	Total	68,344	\$277,878	12	\$1,105	3,728	\$227,873

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	4,273	3.7	2.9	0.03
10	SPACE COAST	1,841	1.6	1.3	0.01
11	MARTIN SOLAR	5,285	5.6	5.4	0.04
12	Total	11,399	10.9	9.7	0.09

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$119,360	\$2,089,886	\$839,717	(\$308,672)	\$0	\$2,740,291
14	SPACE COAST	\$43,522	\$957,904	\$390,885	(\$128,702)	\$0	\$1,263,609
15	MARTIN SOLAR	\$629,515	\$6,035,677	\$2,329,774	(\$845,808)	\$0	\$8,149,158
16	Total	\$792,397	\$9,083,467	\$3,560,376	(\$1,283,182)	\$0	\$12,153,058

- (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.