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January 20, 2015

-VIA ELECTRONIC FILING -

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

Re: Docket No. 150007-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 December 2014, 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. 150007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 20th day of January 2015, 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: December 2014

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,325	(50)	(17)	(297)
2	8,720	(50)	(17)	(326)
3	8,386	(50)	(16)	(339)
4	8,249	(51)	(16)	(338)
5	8,340	(51)	(16)	(366)
6	8,887	(52)	(16)	(380)
7	9,933	(53)	(16)	(431)
8	10,679	1,150	146	(581)
9	11,373	7,786	1,926	(1,111)
10	12,035	10,877	3,879	3,260
11	12,500	11,675	5,471	10,657
12	12,782	11,876	5,954	17,866
13	12,947	11,567	5,444	21,654
14	13,006	11,464	4,940	22,585
15	12,980	11,464	4,135	22,587
16	12,895	10,837	2,999	23,084
17	12,759	6,814	891	18,221
18	13,158	327	20	8,327
19	13,901	(60)	(21)	4,517
20	13,559	(53)	(20)	55
21	13,044	(52)	(19)	(194)
22	12,330	(52)	(18)	(282)
23	11,406	(51)	(18)	(276)
24	10,326	(51)	(17)	(284)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: December 2014

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	2,950	15.9%	0.03%	8,489,963
2 SPACE COAST	10	1,103	14.8%	0.01%	
3 MARTIN SOLAR	75	4,576	8.2%	0.05%	
4 Total	110	8,629	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	3,340	\$5.38	0	\$0.00	1224	\$68.60
6 SPACE COAST	1,078	\$5.38	0	\$0.00	468	\$68.60
7 MARTIN SOLAR	3,325	\$5.38	0	\$0.00	1929	\$68.60
8 Total	7,743	\$41,623	0	\$0	3,622	\$248,432

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	2,786	1	6	0.48
10 SPACE COAST	1,056	1	2	0.18
11 MARTIN SOLAR	4,375	2	9	0.85
12 Total	8,217	4	17	1.50

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$71,343	\$1,085,891	\$419,049	(\$154,336)	\$0	\$1,421,947
14 SPACE COAST	\$13,852	\$505,742	\$195,013	(\$64,351)	\$0	\$650,256
15 MARTIN SOLAR	\$499,024	\$3,173,197	\$1,173,546	(\$422,904)	\$0	\$4,422,864
16 Total	\$584,218	\$4,764,831	\$1,787,608	(\$641,591)	\$0	\$6,495,067

- (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 - December) 2014

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	50,714	23.2%	110,932,966
2	SPACE COAST	10	17,552	20.0%	
3	MARTIN SOLAR	75	108,997	16.6%	
4	Total	110	177,263	18.4%	

	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	327,063	\$5.40	2,738	\$104.43	7,811	\$59.69
6	SPACE COAST	112,656	\$5.40	740	\$104.43	2,782	\$59.69
7	MARTIN SOLAR	793,666	\$5.40	8,124	\$104.43	13,596	\$59.69
8	Total	1,233,385	\$6,665,676	11,603	\$1,211,668	24,188	\$1,443,914

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	37,488	55	59	3.63
10	SPACE COAST	13,010	19	21	1.29
11	MARTIN SOLAR	80,243	134	114	6.61
12	Total	130,741	208	194	11.53

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$911,750	\$13,347,825	\$5,027,034	(\$1,852,032)	\$0	\$17,434,577
14	SPACE COAST	\$203,509	\$6,218,919	\$2,340,154	(\$772,212)	\$0	\$7,990,370
15	MARTIN SOLAR	\$3,817,324	\$38,955,524	\$14,016,098	(\$5,074,848)	\$0	\$51,714,098
16	Total	\$4,932,583	\$58,522,267	\$21,383,287	(\$7,699,092)	\$0	\$77,139,045

- (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.