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May 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 April 2015, 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 May 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: April 2015

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,529	(53)	(18)	(191)
2	10,587	(52)	(18)	(184)
3	9,997	(52)	(17)	(183)
4	9,640	(51)	(17)	(185)
5	9,550	(51)	(17)	(206)
6	9,930	(51)	(18)	(245)
7	10,916	(52)	(17)	(404)
8	11,526	1,431	356	(519)
9	12,490	11,152	1,729	(417)
10	13,768	15,216	3,562	13,461
11	14,904	16,058	5,508	26,425
12	15,882	17,451	6,675	35,160
13	16,639	17,317	6,971	37,482
14	17,285	16,939	7,246	40,239
15	17,729	16,511	6,795	42,234
16	18,054	16,219	6,104	37,414
17	18,181	14,944	4,424	32,654
18	17,968	11,660	2,683	27,871
19	17,383	6,362	1,007	22,088
20	16,719	784	96	11,095
21	16,616	(67)	(22)	5,462
22	15,715	(57)	(20)	591
23	14,394	(54)	(19)	(203)
24	12,896	(53)	(18)	(200)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: April 2015

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	4,844	26.9%	0.05%	9,793,768
2 SPACE COAST	10	1,589	22.1%	0.02%	
3 MARTIN SOLAR	75	9,877	18.3%	0.10%	
4 Total	110	16,309	20.6%	0.17%	

	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	34,244	\$4.46	655	\$106.26	1,008	\$45.18
6 SPACE COAST	11,396	\$4.46	189	\$106.26	343	\$45.18
7 MARTIN SOLAR	79,998	\$4.46	1,799	\$106.26	1,513	\$45.18
8 Total	125,638	\$559,992	2,643	\$280,783	2,864	\$129,396

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	4,140	9	6	0.09
10 SPACE COAST	1,374	3	2	0.03
11 MARTIN SOLAR	8,359	13	9	0.19
12 Total	13,873	25	16	0.31

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$57,524	\$1,071,380	\$418,910	(\$154,336)	\$0	\$1,393,478
14 SPACE COAST	\$15,362	\$499,034	\$195,013	(\$64,351)	\$0	\$645,059
15 MARTIN SOLAR	\$351,255	\$3,134,168	\$1,163,815	(\$422,904)	\$0	\$4,226,333
16 Total	\$424,141	\$4,704,582	\$1,777,737	(\$641,591)	\$0	\$6,264,870

- (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 - April) 2015

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	16,144	22.4%	36,404,292
2	SPACE COAST	10	5,894	20.5%	
3	MARTIN SOLAR	75	23,836	11.0%	
4	Total	110	45,875	14.5%	

	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	50,543	\$4.52	851	\$109.44	5,808	\$55.75
6	SPACE COAST	17,322	\$4.52	250	\$109.44	2,167	\$55.75
7	MARTIN SOLAR	112,044	\$4.52	2,276	\$109.44	6,956	\$55.75
8	Total	179,909	\$814,088	3,377	\$369,620	14,931	\$832,500

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	14,772	16	28	1.39
10	SPACE COAST	5,422	5	10	0.55
11	MARTIN SOLAR	21,140	24	34	1.47
12	Total	41,333	44	73	3.41

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$290,899	\$4,307,355	\$1,675,709	(\$617,344)	\$0	\$5,656,620
14	SPACE COAST	\$59,346	\$2,006,199	\$780,051	(\$257,404)	\$0	\$2,588,193
15	MARTIN SOLAR	\$1,324,752	\$12,595,479	\$4,660,109	(\$1,691,616)	\$0	\$16,888,725
16	Total	\$1,674,998	\$18,909,034	\$7,115,870	(\$2,566,364)	\$0	\$25,133,537

- (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.