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December 20, 2017

**-VIA ELECTRONIC FILING-**

Carlotta Stauffer, Director  
Division of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 20170007-EI Environmental Cost Recovery Clause**

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 November 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 filing, 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. 20170007-EI**

**I HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic service on this 20th day of December 2017, to the following:

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By: s/John T. Butler  
John T. Butler  
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Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: November 2017

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,702	(52)	(18)	(339)
2	9,027	(52)	(18)	(374)
3	8,625	(51)	(18)	(376)
4	8,417	(52)	(19)	(371)
5	8,443	(52)	(19)	(375)
6	8,911	(53)	(19)	(401)
7	9,807	(54)	(19)	(424)
8	10,541	2,365	510	(486)
9	11,552	8,872	2,555	(494)
10	12,635	11,704	4,194	820
11	13,545	13,099	5,106	3,338
12	14,237	12,955	5,598	5,612
13	14,783	11,994	5,435	7,295
14	15,149	12,259	5,388	7,541
15	15,312	11,769	4,360	8,070
16	15,255	10,866	2,964	8,644
17	14,955	7,526	1,205	8,936
18	14,758	1,320	284	4,705
19	14,872	48	(18)	789
20	14,445	(57)	(24)	(193)
21	13,746	(55)	(20)	(248)
22	12,878	(54)	(19)	(249)
23	11,882	(53)	(18)	(256)
24	10,762	(51)	(18)	(304)

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

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)
1 DESOTO	25	3,124	17.4%	0.04%	8,794,623
2 SPACE COAST	10	1,121	15.6%	0.01%	
3 MARTIN SOLAR	75	1,526	2.8%	0.02%	
4 Total	110	5,771	7.3%	0.07%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)
5 DESOTO	12,755	\$4.52	0	\$66.89	781	\$78.16
6 SPACE COAST	4,245	\$4.52	0	\$66.89	287	\$78.16
7 MARTIN SOLAR	6,672	\$4.52	0	\$66.89	382	\$78.16
8 Total	23,671	\$106,912	0	\$0	1,450	\$113,365

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	2,482	3.1	0.8	0.02
10 SPACE COAST	891	1.2	0.3	0.01
11 MARTIN SOLAR	1,241	1.6	0.4	0.01
12 Total	4,614	5.8	1.5	0.04

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$26,999	\$949,331	\$431,978	(\$148,208)	\$0	\$1,260,100
14 SPACE COAST	\$18,569	\$440,024	\$195,649	(\$62,871)	\$0	\$591,371
15 MARTIN SOLAR	\$470,721	\$2,829,083	\$1,022,299	(\$402,196)	\$0	\$3,919,907
16 Total	\$516,289	\$4,218,438	\$1,649,926	(\$613,275)	\$0	\$5,771,378

- (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 - November) 2017

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)
1	DESOTO	25	45,310	22.6%	111,060,214
2	SPACE COAST	10	16,284	20.3%	
3	MARTIN SOLAR	75	10,629	1.8%	
4	Total	110	72,224	8.2%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	276,626	\$4.33	1,435	\$77.99	6,940	\$74.87
6	SPACE COAST	98,480	\$4.33	587	\$77.99	2,541	\$74.87
7	MARTIN SOLAR	92,480	\$4.33	827	\$77.99	687	\$74.87
8	Total	467,586	\$2,023,459	2,849	\$222,216	10,167	\$761,274

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	31,462	30.6	15.5	0.18
10	SPACE COAST	11,694	11.5	6.1	0.07
11	MARTIN SOLAR	3,890	3.4	1.2	0.01
12	Total	47,046	45.5	22.8	0.27

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$477,356	\$10,635,259	\$4,752,797	(\$1,630,288)	\$0	\$14,235,124
14	SPACE COAST	\$173,441	\$4,926,689	\$2,154,374	(\$691,581)	\$0	\$6,562,923
15	MARTIN SOLAR	\$4,529,881	\$31,516,808	\$11,229,242	(\$4,424,156)	\$0	\$42,851,774
16	Total	\$5,180,678	\$47,078,755	\$18,136,414	(\$6,746,025)	\$0	\$63,649,822

- (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.