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July 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 June 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 561-304-5226.

Sincerely,

s/ Jessica A. Cano
Jessica A. Cano
Fla. Bar No. 0037372

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 July 2017, to the following:

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By: s/ Jessica A. Cano
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Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: June 2017

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,784	(55)	(17)	(192)
2	11,907	(55)	(17)	(203)
3	11,316	(54)	(17)	(240)
4	10,974	(54)	(18)	(254)
5	10,874	(54)	(18)	(263)
6	11,186	(55)	(18)	(257)
7	11,781	13	22	(284)
8	12,513	4,328	655	(465)
9	13,738	10,254	1,875	174
10	15,139	12,819	3,463	2,385
11	16,502	14,562	4,577	3,306
12	17,624	15,045	5,988	3,854
13	18,410	14,146	6,615	4,512
14	18,906	13,381	5,517	4,701
15	19,104	11,799	4,890	5,970
16	19,061	10,897	3,786	4,480
17	18,914	9,180	2,717	2,581
18	18,577	6,851	1,850	2,723
19	18,029	3,064	962	2,471
20	17,345	1,153	256	2,070
21	16,974	(44)	(21)	1,090
22	16,401	(61)	(24)	(186)
23	15,269	(57)	(19)	(186)
24	13,956	(56)	(17)	(204)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,808	21.2%	0.04%	10,746,522
2	SPACE COAST	10	1,290	17.9%	0.01%	
3	MARTIN SOLAR	75	1,128	2.1%	0.01%	
4	Total	110	6,225	7.9%	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	30,338	\$4.36	324	\$74.85	248	\$80.32
6	SPACE COAST	10,240	\$4.36	131	\$74.85	82	\$80.32
7	MARTIN SOLAR	9,817	\$4.36	178	\$74.85	36	\$80.32
8	Total	50,395	\$219,943	632	\$47,287	366	\$29,439

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,508	2.0	1.0	0.01
10	SPACE COAST	852	0.7	0.4	0.00
11	MARTIN SOLAR	751	0.6	0.4	0.00
12	Total	4,111	3.2	1.9	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$34,674	\$965,766	\$431,993	(\$148,208)	\$0	\$1,284,225
14	SPACE COAST	\$6,982	\$447,474	\$195,649	(\$62,871)	\$0	\$587,234
15	MARTIN SOLAR	\$523,880	\$2,865,283	\$1,021,556	(\$402,196)	\$0	\$4,008,523
16	Total	\$565,536	\$4,278,523	\$1,649,198	(\$613,275)	\$0	\$5,879,982

- (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 - June) 2017

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	25,915	23.9%	57,106,938
2	SPACE COAST	10	9,587	22.1%	
3	MARTIN SOLAR	75	1,578	0.5%	
4	Total	110	37,081	7.8%	

	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	146,426	\$4.24	662	\$75.94	4,097	\$72.91
6	SPACE COAST	52,466	\$4.24	250	\$75.94	1,593	\$72.91
7	MARTIN SOLAR	15,680	\$4.24	212	\$75.94	-36	\$72.91
8	Total	214,571	\$909,752	1,124	\$85,382	5,654	\$412,226

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	17,639	17.8	10.5	0.11
10	SPACE COAST	6,588	6.7	4.1	0.04
11	MARTIN SOLAR	937	0.5	0.4	0.00
12	Total	25,164	25.0	15.1	0.15

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$314,626	\$5,851,188	\$2,592,862	(\$889,248)	\$0	\$7,869,427
14	SPACE COAST	\$61,512	\$2,709,873	\$1,176,130	(\$377,226)	\$0	\$3,570,289
15	MARTIN SOLAR	\$2,189,804	\$17,292,261	\$6,117,735	(\$2,413,176)	\$0	\$23,186,625
16	Total	\$2,565,942	\$25,853,322	\$9,886,727	(\$3,679,650)	\$0	\$34,626,341

- (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.