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March 20, 2018

-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. 20180007-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 February 2018, 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. 20180007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic service on this 20th day of March 2018, 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 2018

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,907	(55)	(20)	(369)
2	9,166	(55)	(20)	(407)
3	8,741	(55)	(20)	(415)
4	8,525	(55)	(20)	(413)
5	8,551	(55)	(20)	(413)
6	9,055	(56)	(20)	(423)
7	10,091	(57)	(20)	(431)
8	10,879	1,515	489	(432)
9	11,912	9,035	2,623	(554)
10	12,971	12,748	4,680	1,664
11	13,849	13,862	6,258	7,390
12	14,485	13,908	6,923	11,217
13	15,012	13,588	7,337	13,558
14	15,393	13,094	7,405	13,190
15	15,621	12,675	6,280	12,602
16	15,727	12,765	4,591	12,869
17	15,614	10,647	2,455	12,577
18	15,247	4,074	676	9,742
19	15,230	(28)	(24)	1,620
20	15,037	(61)	(28)	(145)
21	14,288	(59)	(22)	(222)
22	13,355	(57)	(21)	(245)
23	12,272	(57)	(21)	(266)
24	11,020	(56)	(20)	(314)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: February 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	3,282	19.5%	0.04%	8,679,736
2 SPACE COAST	10	1,384	20.6%	0.02%	
3 MARTIN SOLAR	75	2,559	5.1%	0.03%	
4 Total	110	7,225	9.8%	0.08%	

	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	17,205	\$5.04	(1)	\$73.26	559	\$40.63
6 SPACE COAST	7,172	\$5.04	(0)	\$73.26	240	\$40.63
7 MARTIN SOLAR	11,866	\$5.04	(0)	\$73.26	559	\$40.63
8 Total	36,243	\$182,679	(1)	(\$62)	1,358	\$55,168

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	2,014	0.9	0.0	0.01
10 SPACE COAST	852	0.4	0.0	0.00
11 MARTIN SOLAR	1,699	0.8	0.0	0.01
12 Total	4,564	2.1	0.1	0.03

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$29,342	\$796,335	\$433,094	(\$148,208)	\$0	\$1,110,564
14 SPACE COAST	\$40,327	\$368,985	\$195,649	(\$62,871)	\$0	\$542,090
15 MARTIN SOLAR	\$413,861	\$2,380,037	\$1,023,289	(\$402,196)	\$0	\$3,414,992
16 Total	\$483,530	\$3,545,358	\$1,652,033	(\$613,275)	\$0	\$5,067,646

- ⁽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) 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	6,205	17.5%	0.03%	17,932,339
2	SPACE COAST	10	2,605	18.4%	0.01%	
3	MARTIN SOLAR	75	3,695	3.5%	0.02%	
4	Total	110	12,505	8.0%	0.07%	

	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	38,555	\$4.93	219	\$75.14	680	\$40.58
6	SPACE COAST	16,599	\$4.93	81	\$75.14	266	\$40.58
7	MARTIN SOLAR	21,376	\$4.93	38	\$75.14	550	\$40.58
8	Total	76,530	\$377,626	338	\$25,431	1,495	\$60,687

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,604	1.7	0.6	0.01
10	SPACE COAST	1,497	0.7	0.2	0.01
11	MARTIN SOLAR	2,263	1.1	0.1	0.01
12	Total	7,364	3.5	0.9	0.03

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$64,393	\$1,595,841	\$866,184	(\$296,416)	\$0	\$2,230,001
14	SPACE COAST	\$66,841	\$739,387	\$391,298	(\$125,742)	\$0	\$1,071,784
15	MARTIN SOLAR	\$842,110	\$4,767,600	\$2,046,209	(\$804,392)	\$0	\$6,851,527
16	Total	\$973,344	\$7,102,827	\$3,303,691	(\$1,226,550)	\$0	\$10,153,312

- (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.