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April 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 March 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.

Also enclosed is a revised Solar Plant Operation Status Report for February 2018 to include revised net generation values for Loggerhead Solar.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

s/ Maria J. Moncada
Maria J. Moncada

Enclosures
cc: Counsel for Parties of Record

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

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 April 2018 to the following:

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By: s/ Maria J. Moncada

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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%	8,679,672
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%	17,932,275
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.

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

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,303	(52)	(22)	(257)
2	8,641	(52)	(21)	(349)
3	8,280	(52)	(21)	(430)
4	8,130	(51)	(21)	(419)
5	8,237	(52)	(21)	(416)
6	8,794	(54)	(21)	(429)
7	9,892	(57)	(20)	(454)
8	10,775	1,852	452	(448)
9	11,480	9,704	2,241	(300)
10	12,164	15,496	4,419	3,813
11	12,717	17,203	6,282	14,449
12	12,992	17,818	7,640	27,082
13	13,314	17,536	8,124	32,860
14	13,529	17,102	8,227	35,864
15	13,727	17,483	7,808	38,364
16	13,933	16,719	6,507	39,065
17	14,079	15,901	4,692	37,044
18	14,036	11,899	2,761	33,232
19	13,857	5,921	877	24,590
20	13,656	345	22	11,567
21	13,445	(60)	(30)	1,084
22	12,631	(54)	(26)	(161)
23	11,559	(53)	(23)	(222)
24	9,970	(51)	(22)	(240)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	5,096	27.4%	0.06%	8,908,886
2	SPACE COAST	10	1,854	24.9%	0.02%	
3	MARTIN SOLAR	75	9,142	16.4%	0.10%	
4	Total	110	16,092	19.7%	0.18%	

	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	36,155	\$4.27	0	\$75.97	235	\$40.97
6	SPACE COAST	13,380	\$4.27	0	\$75.97	75	\$40.97
7	MARTIN SOLAR	62,275	\$4.27	0	\$75.97	437	\$40.97
8	Total	111,810	\$477,776	0	(\$13)	747	\$30,607

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,556	1.0	0.0	0.01
10	SPACE COAST	925	0.4	0.0	0.00
11	MARTIN SOLAR	4,456	1.8	0.1	0.01
12	Total	7,937	3.2	0.1	0.02

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$42,163	\$793,152	\$433,094	(\$148,208)	\$0	\$1,120,200
14	SPACE COAST	\$18,299	\$367,570	\$195,649	(\$62,871)	\$0	\$518,647
15	MARTIN SOLAR	\$291,951	\$2,372,590	\$1,023,084	(\$402,196)	\$0	\$3,285,428
16	Total	\$352,413	\$3,533,311	\$1,651,826	(\$613,275)	\$0	\$4,924,275

- (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 - March) 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	11,301	20.9%	0.04%	26,841,161
2	SPACE COAST	10	4,459	20.6%	0.02%	
3	MARTIN SOLAR	75	12,837	7.9%	0.05%	
4	Total	110	28,596	12.0%	0.11%	

	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	74,710	\$4.54	219	\$75.14	915	\$40.71
6	SPACE COAST	29,979	\$4.54	81	\$75.14	341	\$40.71
7	MARTIN SOLAR	83,651	\$4.54	38	\$75.14	986	\$40.71
8	Total	188,340	\$855,401	338	\$25,419	2,242	\$91,294

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	6,161	2.7	0.6	0.02
10	SPACE COAST	2,421	1.1	0.2	0.01
11	MARTIN SOLAR	6,719	2.9	0.2	0.02
12	Total	15,302	6.7	1.0	0.05

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$106,555	\$2,388,993	\$1,299,278	(\$444,624)	\$0	\$3,350,202
14	SPACE COAST	\$85,141	\$1,106,956	\$586,947	(\$188,613)	\$0	\$1,590,431
15	MARTIN SOLAR	\$1,134,061	\$7,140,189	\$3,069,293	(\$1,206,588)	\$0	\$10,136,955
16	Total	\$1,325,757	\$10,636,139	\$4,955,517	(\$1,839,825)	\$0	\$15,077,588

- (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.
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- (5) Capital Cost data represents depreciation expense on net investment.
- (6) Other Cost data represents dismantlement costs and amortization on ITC.