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August 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:

Attached for electronic filing in the above docket is Florida Power & Light Company's Solar Plant Operation Status Report for the month of July 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.

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

Sincerely,

s/ Maria J. Moncada
Maria J. Moncada

Attachments

cc: Counsel for Parties of Record

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 August 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: July 2018

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,518	(53)	(18)	(373)
2	12,580	(53)	(18)	(411)
3	11,922	(53)	(17)	(485)
4	11,511	(53)	(17)	(487)
5	11,349	(54)	(17)	(484)
6	11,561	(55)	(17)	(481)
7	12,045	(49)	(12)	(476)
8	12,710	3,686	473	(572)
9	14,180	11,105	1,879	(302)
10	15,926	15,165	3,801	4,788
11	17,604	15,472	5,510	11,792
12	18,971	15,418	6,227	20,641
13	19,958	14,583	6,492	29,558
14	20,580	15,252	6,711	28,509
15	20,843	14,525	5,739	24,778
16	20,765	12,072	4,695	22,392
17	20,547	9,966	3,718	19,792
18	20,130	8,596	2,735	16,231
19	19,471	4,710	1,404	10,594
20	18,613	1,487	328	7,197
21	18,039	(33)	(20)	439
22	17,309	(57)	(25)	(322)
23	16,109	(54)	(20)	(349)
24	14,754	(53)	(18)	(359)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,386	23.6%	0.04%	12,183,747
2	SPACE COAST	10	1,535	20.6%	0.01%	
3	MARTIN SOLAR	75	5,940	10.6%	0.05%	
4	Total	110	11,860	14.5%	0.10%	

	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	39,029	\$4.22	16	\$75.12	215	\$42.50
6	SPACE COAST	13,978	\$4.22	7	\$75.12	73	\$42.50
7	MARTIN SOLAR	58,808	\$4.22	49	\$75.12	286	\$42.50
8	Total	111,816	\$471,539	71	\$5,333	574	\$24,411

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,691	1.1	0.1	0.00
10	SPACE COAST	957	0.4	0.0	0.00
11	MARTIN SOLAR	3,996	1.7	0.2	0.01
12	Total	7,644	3.3	0.2	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$53,661	\$766,312	\$433,002	(\$148,208)	\$0	\$1,104,768
14	SPACE COAST	\$13,149	\$355,281	\$195,492	(\$62,871)	\$0	\$501,050
15	MARTIN SOLAR	\$389,083	\$2,302,683	\$1,022,782	(\$402,196)	\$0	\$3,312,351
16	Total	\$455,892	\$3,424,275	\$1,651,276	(\$613,275)	\$0	\$4,918,169

- (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 - July) 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	28,974	22.8%	0.04%	70,183,925
2	SPACE COAST	10	10,659	21.0%	0.02%	
3	MARTIN SOLAR	75	34,593	9.1%	0.05%	
4	Total	110	74,226	13.3%	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	220,037	\$4.36	1,147	\$80.81	1,425	\$41.38
6	SPACE COAST	81,890	\$4.36	369	\$80.81	504	\$41.38
7	MARTIN SOLAR	271,205	\$4.36	1,136	\$80.81	1,555	\$41.38
8	Total	573,132	\$2,496,004	2,653	\$214,377	3,484	\$144,158

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	16,097	7.0	1.3	0.04
10	SPACE COAST	5,916	2.6	0.5	0.01
11	MARTIN SOLAR	19,345	8.4	1.8	0.04
12	Total	41,358	18.0	3.6	0.08

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$252,420	\$5,515,723	\$3,031,443	(\$1,037,456)	\$0	\$7,762,130
14	SPACE COAST	\$184,798	\$2,556,453	\$1,368,971	(\$440,097)	\$0	\$3,670,125
15	MARTIN SOLAR	\$2,416,785	\$16,519,323	\$7,160,771	(\$2,815,372)	\$0	\$23,281,507
16	Total	\$2,854,003	\$24,591,499	\$11,561,185	(\$4,292,925)	\$0	\$34,713,762

- (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.