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June 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 May 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 June 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: May 2018

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,219	(52)	(20)	(277)
2	10,409	(52)	(19)	(315)
3	9,898	(52)	(19)	(357)
4	9,604	(52)	(19)	(365)
5	9,555	(51)	(18)	(368)
6	9,948	(52)	(18)	(382)
7	10,777	(38)	(10)	(375)
8	11,391	3,283	515	(571)
9	12,349	9,286	1,960	(668)
10	13,555	11,790	3,350	1,759
11	14,676	12,587	4,611	5,193
12	15,530	12,905	5,629	8,340
13	16,152	12,313	5,775	10,735
14	16,578	12,331	5,886	12,744
15	16,792	10,091	5,326	13,798
16	16,888	9,695	4,409	11,328
17	16,843	8,551	3,094	9,641
18	16,618	6,633	2,083	7,843
19	16,141	4,673	970	6,429
20	15,596	1,137	187	4,184
21	15,437	(67)	(30)	1,052
22	14,778	(55)	(26)	(202)
23	13,680	(53)	(22)	(262)
24	12,394	(52)	(21)	(273)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,556	19.1%	0.03%	10,373,623
2	SPACE COAST	10	1,351	18.2%	0.01%	
3	MARTIN SOLAR	75	2,748	4.9%	0.03%	
4	Total	110	7,654	9.4%	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	30,247	\$4.29	211	\$73.28	0	\$0.00
6	SPACE COAST	11,643	\$4.29	81	\$73.28	0	\$0.00
7	MARTIN SOLAR	23,025	\$4.29	556	\$73.28	0	\$0.00
8	Total	64,915	\$278,455	848	\$62,116	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,894	0.9	0.5	0.00
10	SPACE COAST	729	0.3	0.2	0.00
11	MARTIN SOLAR	1,643	1.0	1.3	0.00
12	Total	4,266	2.2	2.0	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$29,719	\$786,815	\$433,063	(\$148,208)	\$0	\$1,101,388
14	SPACE COAST	\$57,299	\$364,739	\$195,481	(\$62,871)	\$0	\$554,648
15	MARTIN SOLAR	\$325,591	\$2,358,814	\$1,022,862	(\$402,196)	\$0	\$3,305,071
16	Total	\$412,609	\$3,510,367	\$1,651,406	(\$613,275)	\$0	\$4,961,107

- (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 - May) 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	20,086	22.2%	46,665,154
2	SPACE COAST	10	7,552	20.8%	
3	MARTIN SOLAR	75	24,122	8.9%	
4	Total	110	51,760	13.0%	

	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	145,674	\$4.42	462	\$73.78	915	\$40.71
6	SPACE COAST	55,136	\$4.42	174	\$73.78	341	\$40.71
7	MARTIN SOLAR	172,820	\$4.42	635	\$73.78	986	\$40.71
8	Total	373,630	\$1,652,564	1,271	\$93,744	2,242	\$91,294

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	10,479	4.5	1.2	0.02
10	SPACE COAST	3,955	1.7	0.4	0.01
11	MARTIN SOLAR	12,296	5.3	1.6	0.02
12	Total	26,730	11.5	3.3	0.05

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$160,860	\$3,965,766	\$2,165,434	(\$741,040)	\$0	\$5,551,020
14	SPACE COAST	\$158,040	\$1,837,849	\$977,992	(\$314,355)	\$0	\$2,659,527
15	MARTIN SOLAR	\$1,779,836	\$11,864,635	\$5,115,127	(\$2,010,980)	\$0	\$16,748,618
16	Total	\$2,098,736	\$17,668,249	\$8,258,554	(\$3,066,375)	\$0	\$24,959,165

- (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.