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September 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 August 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 September 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: August 2018

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,596	(53)	(18)	(321)
2	12,686	(53)	(18)	(365)
3	12,050	(53)	(18)	(433)
4	11,646	(53)	(18)	(443)
5	11,530	(53)	(18)	(465)
6	11,854	(54)	(18)	(442)
7	12,530	(56)	(19)	(428)
8	13,005	2,333	307	(522)
9	14,290	11,490	1,783	(420)
10	15,972	15,697	3,847	4,232
11	17,580	16,378	5,502	12,385
12	18,924	16,700	6,578	19,774
13	19,931	15,947	6,548	24,844
14	20,670	15,296	6,966	23,214
15	21,019	14,045	6,403	25,183
16	21,054	11,539	5,602	23,726
17	20,839	9,041	4,319	17,840
18	20,369	6,301	2,749	15,849
19	19,658	4,124	1,091	12,012
20	18,829	584	123	9,178
21	18,400	(72)	(29)	3,578
22	17,492	(55)	(23)	(4)
23	16,179	(53)	(19)	(301)
24	14,787	(53)	(18)	(331)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,305	23.1%	0.04%	12,274,730
2	SPACE COAST	10	1,600	21.5%	0.01%	
3	MARTIN SOLAR	75	5,808	10.4%	0.05%	
4	Total	110	11,712	14.3%	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	59,691	\$4.12	232	\$93.35	52	\$42.16
6	SPACE COAST	23,591	\$4.12	87	\$93.35	21	\$42.16
7	MARTIN SOLAR	104,814	\$4.12	1,045	\$93.35	75	\$42.16
8	Total	188,096	\$774,223	1,363	\$127,284	149	\$6,263

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,728	1.5	0.1	0.00
10	SPACE COAST	1,471	0.6	0.1	0.00
11	MARTIN SOLAR	6,829	2.8	0.2	0.00
12	Total	12,029	4.9	0.4	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$81,435	\$763,207	\$433,029	(\$148,208)	\$0	\$1,129,463
14	SPACE COAST	\$27,106	\$353,892	\$195,492	(\$62,871)	\$0	\$513,618
15	MARTIN SOLAR	\$294,582	\$2,296,350	\$1,022,733	(\$402,196)	\$0	\$3,211,469
16	Total	\$403,123	\$3,413,448	\$1,651,255	(\$613,275)	\$0	\$4,854,550

- (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 - August) 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	33,278	22.8%	82,458,655
2	SPACE COAST	10	12,259	21.0%	
3	MARTIN SOLAR	75	40,401	9.2%	
4	Total	110	85,938	13.4%	

	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	279,728	\$4.30	1,379	\$85.07	1,477	\$41.41
6	SPACE COAST	105,481	\$4.30	456	\$85.07	525	\$41.41
7	MARTIN SOLAR	376,019	\$4.30	2,182	\$85.07	1,630	\$41.41
8	Total	761,227	\$3,270,227	4,016	\$341,661	3,632	\$150,421

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	19,825	8.5	1.5	0.04
10	SPACE COAST	7,387	3.2	0.6	0.01
11	MARTIN SOLAR	26,174	11.2	2.0	0.04
12	Total	53,386	22.9	4.0	0.09

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$333,855	\$6,278,930	\$3,464,472	(\$1,185,664)	\$0	\$8,891,593
14	SPACE COAST	\$211,904	\$2,910,345	\$1,564,462	(\$502,968)	\$0	\$4,183,743
15	MARTIN SOLAR	\$2,711,367	\$18,815,672	\$8,183,505	(\$3,217,568)	\$0	\$26,492,976
16	Total	\$3,257,126	\$28,004,947	\$13,212,440	(\$4,906,200)	\$0	\$39,568,312

- (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.