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January 22, 2019

-VIA ELECTRONIC FILING-

Adam Teitzman
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20190007-EI Environmental Cost Recovery Clause

Dear Mr. Teitzman:

Attached for electronic filing in the above docket is Florida Power & Light Company's Solar Plant Operation Status Report for the month of December 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. 20190007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 22nd day of January 2019 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: December 2018

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,620	(50)	(19)	(164)
2	9,037	(49)	(19)	(188)
3	8,725	(49)	(19)	(193)
4	8,599	(50)	(20)	(194)
5	8,674	(52)	(20)	(193)
6	9,201	(53)	(20)	(196)
7	10,146	(55)	(21)	(222)
8	10,884	884	161	(235)
9	11,738	7,322	2,020	(328)
10	12,511	10,819	3,941	(139)
11	13,050	11,497	5,187	1,012
12	13,359	10,905	5,799	2,365
13	13,546	10,806	5,577	2,965
14	13,612	10,499	5,285	3,279
15	13,612	10,141	4,481	3,655
16	13,534	9,341	3,389	4,164
17	13,385	5,062	995	5,291
18	13,597	227	14	3,150
19	14,077	(58)	(30)	314
20	13,655	(52)	(24)	(119)
21	13,118	(51)	(20)	(145)
22	12,433	(51)	(20)	(161)
23	11,563	(50)	(19)	(168)
24	10,537	(50)	(19)	(145)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,692	14.5%	0.03%	9,045,360
2	SPACE COAST	10	1,134	15.2%	0.01%	
3	MARTIN SOLAR	75	726	1.3%	0.01%	
4	Total	110	4,551	5.6%	0.05%	

	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	20,504	\$6.38	3	\$71.73	0	\$0.00
6	SPACE COAST	8,546	\$6.38	1	\$71.73	0	\$0.00
7	MARTIN SOLAR	5,040	\$6.38	-2	\$71.73	0	\$0.00
8	Total	34,090	\$217,503	2	\$131	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,211	0.46	0.01	0.00
10	SPACE COAST	505	0.19	0.01	0.00
11	MARTIN SOLAR	296	0.11	0.00	0.00
12	Total	2,013	0.76	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$81,256	\$750,782	\$433,078	(\$148,208)	\$0	\$1,116,907
14	SPACE COAST	\$33,318	\$348,336	\$195,492	(\$62,871)	\$0	\$514,274
15	MARTIN SOLAR	\$660,968	\$2,274,662	\$1,024,222	(\$402,196)	\$0	\$3,557,656
16	Total	\$775,541	\$3,373,779	\$1,652,791	(\$613,275)	\$0	\$5,188,837

- (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 - December) 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	46,881	21.4%	0.04%	124,185,521
2	SPACE COAST	10	17,546	20.0%	0.01%	
3	MARTIN SOLAR	75	51,444	7.8%	0.04%	
4	Total	110	115,871	12.0%	0.09%	

	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	398,980	\$4.40	1,925	\$85.59	1,665	\$41.44
6	SPACE COAST	152,064	\$4.40	711	\$85.59	594	\$41.44
7	MARTIN SOLAR	484,234	\$4.40	3,036	\$85.59	1,768	\$41.44
8	Total	1,035,279	\$4,554,338	5,671	\$485,411	4,026	\$166,838

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	27,452	11.9	2.3	0.05
10	SPACE COAST	10,377	4.5	0.9	0.02
11	MARTIN SOLAR	33,211	14.5	3.2	0.04
12	Total	71,040	30.9	6.4	0.11

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$639,323	\$9,300,697	\$5,196,723	(\$1,778,496)	\$0	\$13,358,247
14	SPACE COAST	\$298,832	\$4,312,022	\$2,346,429	(\$754,452)	\$0	\$6,202,831
15	MARTIN SOLAR	\$4,583,474	\$27,944,584	\$12,276,079	(\$4,826,352)	\$0	\$39,977,786
16	Total	\$5,521,629	\$41,557,303	\$19,819,232	(\$7,359,300)	\$0	\$59,538,863

- (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.