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September 20, 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 August 2019, 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 (w/ attachments)

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 20th day of September 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: August 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,454	(58)	(17)	(282)
2	12,597	(57)	(18)	(289)
3	11,998	(57)	(18)	(289)
4	11,623	(56)	(18)	(291)
5	11,511	(56)	(18)	(292)
6	11,846	(57)	(18)	(292)
7	12,530	(58)	(18)	(378)
8	13,008	1,903	284	(514)
9	14,271	9,919	1,618	(645)
10	15,960	13,125	3,390	1,263
11	17,565	14,209	5,143	5,658
12	18,932	14,937	5,800	13,806
13	19,936	13,321	5,881	20,349
14	20,442	11,836	5,961	25,259
15	20,560	12,340	5,304	21,189
16	20,454	10,998	4,211	13,176
17	20,142	7,972	3,378	10,129
18	19,698	6,429	1,980	9,090
19	19,076	3,821	953	5,797
20	18,340	649	137	3,068
21	17,965	(76)	(27)	427
22	17,127	(62)	(24)	(221)
23	15,933	(59)	(19)	(284)
24	14,603	(58)	(18)	(285)

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: August 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,745	20.1%	0.03%	12,331,022
2	SPACE COAST	10	1,359	18.3%	0.01%	
3	MARTIN SOLAR	75	3,880	7.0%	0.03%	
4	Total	110	8,983	11.0%	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	20,998	\$3.41	0	\$0.00	549	\$44.54
6	SPACE COAST	7,134	\$3.41	0	\$0.00	239	\$44.54
7	MARTIN SOLAR	18,576	\$3.41	0	\$0.00	895	\$44.54
8	Total	46,707	\$159,472	0	\$0	1,683	\$74,974

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,221	1.0	0.0	0.01
10	SPACE COAST	849	0.4	0.0	0.00
11	MARTIN SOLAR	2,697	1.3	0.1	0.02
12	Total	5,768	2.7	0.1	0.03

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$77,732	\$756,331	\$433,344	(\$148,208)	\$0	\$1,119,199
14	SPACE COAST	\$24,704	\$351,675	\$195,492	(\$62,871)	\$0	\$509,001
15	MARTIN SOLAR	\$348,346	\$2,317,623	\$1,026,095	(\$402,196)	\$0	\$3,289,868
16	Total	\$450,782	\$3,425,630	\$1,654,931	(\$613,275)	\$0	\$4,918,068

- (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) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	32,582	22.3%	0.04%	84,860,781
2	SPACE COAST	10	11,605	19.9%	0.01%	
3	MARTIN SOLAR	75	23,340	5.3%	0.03%	
4	Total	110	67,527	10.5%	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	257,629	\$4.15	1,758	\$77.26	1,309	\$44.08
6	SPACE COAST	91,454	\$4.15	625	\$77.26	495	\$44.08
7	MARTIN SOLAR	176,467	\$4.15	820	\$77.26	1,543	\$44.08
8	Total	525,549	\$2,183,587	3,203	\$247,434	3,346	\$147,497

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	18,407	8.7	3.4	0.03
10	SPACE COAST	6,588	3.1	1.3	0.01
11	MARTIN SOLAR	13,574	6.3	2.0	0.03
12	Total	38,568	18.1	6.7	0.08

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$571,878	\$5,955,797	\$3,466,003	(\$1,185,664)	\$0	\$8,808,014
14	SPACE COAST	\$184,677	\$2,765,646	\$1,563,934	(\$502,968)	\$0	\$4,011,289
15	MARTIN SOLAR	\$2,440,037	\$18,158,735	\$8,208,237	(\$3,217,568)	\$0	\$25,589,442
16	Total	\$3,196,593	\$26,880,178	\$13,238,174	(\$4,906,200)	\$0	\$38,408,745

- (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.