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October 20, 2020

-VIA ELECTRONIC FILING-

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

Re: Docket No. 20200007-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 September 2020, 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 Jose Moncada
Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record

CERTIFICATE OF SERVICE
Docket No. 20200007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of October 2020 to the following:

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By: s/ Maria Jose Moncada
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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: September 2020

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,756	(47)	(19)	(201)
2	12,918	(47)	(19)	(219)
3	12,331	(46)	(19)	(210)
4	11,952	(46)	(19)	(249)
5	11,824	(46)	(19)	(256)
6	12,069	(48)	(18)	(259)
7	12,575	(51)	(18)	(285)
8	13,022	735	119	(394)
9	14,165	7,519	1,299	(695)
10	15,792	11,209	3,022	136
11	17,417	13,468	4,719	3,350
12	18,859	13,556	5,820	5,594
13	19,911	12,954	5,687	7,127
14	20,603	12,483	5,982	7,277
15	20,931	11,088	5,518	9,501
16	20,987	10,114	4,718	9,035
17	20,800	9,713	3,231	7,596
18	20,362	6,501	1,850	6,108
19	19,604	2,424	520	3,601
20	18,936	19	(6)	525
21	18,345	(54)	(27)	(225)
22	17,267	(50)	(23)	(217)
23	16,068	(49)	(21)	(210)
24	14,815	(48)	(20)	(212)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: September 2020

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,338	18.5%	0.03%	11,883,558
2	SPACE COAST	10	1,268	17.6%	0.01%	
3	MARTIN SOLAR	75	1,687	3.1%	0.01%	
4	Total	110	6,292	7.9%	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	24,850	\$3.76	152	\$72.97	252	\$45.66
6	SPACE COAST	9,401	\$3.76	58	\$72.97	109	\$45.66
7	MARTIN SOLAR	12,007	\$3.76	57	\$72.97	285	\$45.66
8	Total	46,258	\$173,763	267	\$19,466	646	\$29,491

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,988	1.0	0.4	0.01
10	SPACE COAST	777	0.4	0.1	0.00
11	MARTIN SOLAR	1,241	0.6	0.2	0.01
12	Total	4,006	2.0	0.7	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$38,231	\$697,176	\$432,559	(\$148,208)	\$0	\$1,019,758
14	SPACE COAST	\$5,389	\$325,059	\$195,030	(\$62,871)	\$0	\$462,606
15	MARTIN SOLAR	\$307,672	\$2,181,886	\$1,028,059	(\$402,196)	\$0	\$3,115,422
16	Total	\$351,292	\$3,204,121	\$1,655,648	(\$613,275)	\$0	\$4,597,786

- (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 - September) 2020

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	34,892	21.3%	0.04%	98,904,818
2	SPACE COAST	10	12,593	19.2%	0.01%	
3	MARTIN SOLAR	75	28,346	5.8%	0.03%	
4	Total	110	75,830	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	235,515	\$3.35	568	\$74.07	3,291	\$46.65
6	SPACE COAST	85,643	\$3.35	190	\$74.07	1,165	\$46.65
7	MARTIN SOLAR	177,879	\$3.35	458	\$74.07	4,343	\$46.65
8	Total	499,037	\$1,671,424	1,217	\$90,135	8,800	\$410,467

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	20,035	9.3	1.6	0.07
10	SPACE COAST	7,221	3.3	0.6	0.02
11	MARTIN SOLAR	18,449	9.0	1.4	0.09
12	Total	45,705	21.6	3.6	0.19

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$410,703	\$6,453,657	\$3,898,328	(\$1,333,872)	\$0	\$9,428,816
14	SPACE COAST	\$156,706	\$3,005,651	\$1,758,651	(\$565,839)	\$0	\$4,355,168
15	MARTIN SOLAR	\$3,662,538	\$20,067,013	\$9,250,387	(\$3,619,764)	\$0	\$29,360,174
16	Total	\$4,229,947	\$29,526,322	\$14,907,366	(\$5,519,475)	\$0	\$43,144,159

- (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.