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November 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 October 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 November 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: October 2020

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,810	(48)	(19)	(240)
2	12,032	(48)	(18)	(229)
3	11,489	(47)	(18)	(223)
4	11,142	(47)	(18)	(239)
5	11,066	(48)	(18)	(236)
6	11,370	(50)	(18)	(257)
7	11,949	(53)	(18)	(264)
8	12,491	90	27	(309)
9	13,407	4,951	1,147	(394)
10	14,856	9,906	3,000	(273)
11	16,206	11,441	4,415	604
12	17,362	11,625	5,493	2,341
13	18,265	12,349	5,858	3,133
14	18,929	12,683	5,598	3,338
15	19,268	10,996	5,051	2,826
16	19,364	10,298	4,242	2,719
17	19,199	8,481	2,995	2,574
18	18,723	5,670	1,456	2,421
19	18,053	920	194	1,750
20	17,745	(66)	(30)	(20)
21	17,001	(52)	(25)	(199)
22	16,013	(51)	(21)	(216)
23	14,977	(50)	(19)	(242)
24	13,849	(49)	(19)	(241)

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

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	3,063	16.5%	0.03%	11,560,881
2	SPACE COAST	10	1,216	16.3%	0.01%	
3	MARTIN SOLAR	75	562	1.0%	0.00%	
4	Total	110	4,841	5.9%	0.04%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	18,579	\$3.52	29	\$72.99	519	\$46.07
6	SPACE COAST	7,672	\$3.52	15	\$72.99	193	\$46.07
7	MARTIN SOLAR	1,295	\$3.52	1	\$72.99	249	\$46.07
8	Total	27,546	\$97,068	45	\$3,255	961	\$44,254

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,033	1.0	0.1	0.01
10	SPACE COAST	803	0.4	0.1	0.00
11	MARTIN SOLAR	521	0.3	0.0	0.01
12	Total	3,357	1.7	0.2	0.02

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$63,641	\$694,014	\$432,533	(\$148,208)	\$0	\$1,041,980
14	SPACE COAST	\$9,632	\$323,649	\$194,905	(\$62,871)	\$0	\$465,316
15	MARTIN SOLAR	\$287,430	\$2,175,250	\$1,027,986	(\$402,196)	\$0	\$3,088,470
16	Total	\$360,703	\$3,192,913	\$1,655,424	(\$613,275)	\$0	\$4,595,765

- (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 - October) 2020

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	37,955	20.8%	0.03%	110,465,699
2	SPACE COAST	10	13,809	18.9%	0.01%	
3	MARTIN SOLAR	75	28,907	5.3%	0.03%	
4	Total	110	80,671	10.1%	0.07%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	254,094	\$3.36	597	\$74.03	3,810	\$46.59
6	SPACE COAST	93,315	\$3.36	205	\$74.03	1,358	\$46.59
7	MARTIN SOLAR	179,173	\$3.36	459	\$74.03	4,592	\$46.59
8	Total	526,583	\$1,768,493	1,262	\$93,390	9,760	\$454,721

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	22,068	10.3	1.7	0.08
10	SPACE COAST	8,024	3.7	0.6	0.03
11	MARTIN SOLAR	18,970	9.3	1.4	0.10
12	Total	49,062	23.3	3.7	0.21

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$474,345	\$7,147,671	\$4,330,861	(\$1,482,080)	\$0	\$10,470,796
14	SPACE COAST	\$166,339	\$3,329,300	\$1,953,556	(\$628,710)	\$0	\$4,820,484
15	MARTIN SOLAR	\$3,949,967	\$22,242,264	\$10,278,373	(\$4,021,960)	\$0	\$32,448,644
16	Total	\$4,590,650	\$32,719,234	\$16,562,790	(\$6,132,750)	\$0	\$47,739,924

- (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.