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April 20, 2021

**-VIA ELECTRONIC FILING -**

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

**Re: Docket No. 20210007-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 March 2021, 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.

If there are any questions regarding this transmittal, please contact me at (561) 304-5795.

Sincerely,

*s/ Maria Jose Moncada*  
Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record (w/ attachments)

**CERTIFICATE OF SERVICE**

**Docket No. 20210007-EI**

**I HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished  
by electronic service on this 20th day of April 2021 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: March 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,349	(48)	(21)	(320)
2	9,750	(48)	(20)	(258)
3	9,414	(47)	(20)	(220)
4	9,274	(47)	(20)	(199)
5	9,351	(48)	(20)	(190)
6	9,809	(49)	(20)	(193)
7	10,711	(48)	(4)	(261)
8	11,607	1,855	493	(485)
9	12,640	7,742	2,148	(556)
10	13,475	12,561	3,983	555
11	14,137	14,762	5,467	4,393
12	14,693	15,082	6,509	8,901
13	15,042	15,217	7,363	11,751
14	15,372	15,253	7,442	13,633
15	15,534	14,950	6,778	14,843
16	15,582	14,824	5,969	13,876
17	15,514	12,867	4,261	13,829
18	15,319	9,118	2,105	13,230
19	15,372	3,481	640	8,652
20	15,111	162	57	1,517
21	14,307	(55)	(21)	(173)
22	13,418	(50)	(20)	(288)
23	12,444	(49)	(20)	(300)
24	11,344	(47)	(19)	(319)

Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: March 2021

	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	4,257	22.9%	0.04%	9,641,019
2	SPACE COAST	10	1,643	22.1%	0.02%	
3	MARTIN SOLAR	75	3,144	5.6%	0.03%	
4	Total	110	9,045	11.1%	0.09%	

	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	23,708	\$4.71	58	\$72.99	415	\$47.09
6	SPACE COAST	9,227	\$4.71	14	\$72.99	162	\$47.09
7	MARTIN SOLAR	14,326	\$4.71	105	\$72.99	511	\$47.09
8	Total	47,261	\$222,622	177	\$12,942	1,088	\$51,224

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,167	1.0	0.2	0.01
10	SPACE COAST	839	0.4	0.0	0.00
11	MARTIN SOLAR	1,811	0.9	0.3	0.01
12	Total	4,817	2.3	0.5	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	\$47,777	\$680,909	\$432,535	(\$148,208)	\$0	\$1,013,014
14	SPACE COAST	\$13,946	\$318,009	\$194,936	(\$62,871)	\$0	\$464,020
15	MARTIN SOLAR	\$498,654	\$2,154,358	\$1,030,376	(\$402,196)	\$0	\$3,281,192
16	Total	\$560,377	\$3,153,276	\$1,657,847	(\$613,275)	\$0	\$4,758,226

- (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 - March) 2021

	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	10,231	18.9%	0.04%	27,059,829
2	SPACE COAST	10	4,163	19.3%	0.02%	
3	MARTIN SOLAR	75	6,138	3.8%	0.02%	
4	Total	110	20,532	8.6%	0.08%	

	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	63,698	\$4.92	130	\$72.99	656	\$46.91
6	SPACE COAST	26,195	\$4.92	48	\$72.99	259	\$46.91
7	MARTIN SOLAR	34,491	\$4.92	189	\$72.99	611	\$46.91
8	Total	124,385	\$611,755	368	\$26,830	1,525	\$71,538

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	4,993	2.2	0.4	0.01
10	SPACE COAST	2,031	0.9	0.1	0.01
11	MARTIN SOLAR	3,221	1.6	0.5	0.01
12	Total	10,245	4.7	1.0	0.03

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$110,006	\$2,052,257	\$1,297,604	(\$444,624)	\$0	\$3,015,243
14	SPACE COAST	\$39,012	\$958,282	\$584,807	(\$188,613)	\$0	\$1,393,488
15	MARTIN SOLAR	\$967,624	\$6,478,498	\$3,088,665	(\$1,206,588)	\$0	\$9,328,199
16	Total	\$1,116,641	\$9,489,037	\$4,971,076	(\$1,839,825)	\$0	\$13,736,930

- (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.