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April 20, 2022

**-VIA ELECTRONIC FILING -**

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

**Re: Docket No. 20220007-EI Environmental Cost Recovery Clause**

Dear Mr. Teitzman:

Attached for electronic filing in the above docket are Florida Power & Light Company's Solar Plant Operation Status Report for the month of March 2022, 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. 20220007-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 2022 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 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,817	(59)	(17)	(134)
2	10,032	(58)	(17)	(136)
3	9,545	(58)	(17)	(135)
4	9,272	(58)	(17)	(135)
5	9,240	(58)	(17)	(142)
6	9,630	(58)	(17)	(183)
7	10,463	(54)	(16)	(275)
8	11,279	1,760	350	(450)
9	12,327	8,078	1,619	(668)
10	13,464	12,665	3,214	(30)
11	14,387	13,807	4,898	2,525
12	15,116	14,237	5,838	6,315
13	15,722	14,195	6,083	9,312
14	16,182	14,855	5,724	9,894
15	16,506	15,004	5,428	10,979
16	16,748	14,114	4,598	11,030
17	16,850	14,096	3,295	9,688
18	16,669	10,401	1,820	9,072
19	16,226	4,675	547	6,099
20	15,750	312	14	3,081
21	15,262	(60)	(6)	(151)
22	14,365	(61)	(6)	(216)
23	13,298	(60)	(8)	(171)
24	12,098	(58)	(8)	(131)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: March 2022

	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	4,264	22.9%	0.04%	10,599,843
2	SPACE COAST	10	1,342	18.0%	0.01%	
3	MARTIN SOLAR	75	2,326	4.2%	0.02%	
4	Total	110	7,932	9.7%	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	29,869	\$6.56	0	\$0.00	0	\$0.00
6	SPACE COAST	9,212	\$6.56	0	\$0.00	0	\$0.00
7	MARTIN SOLAR	16,379	\$6.56	0	\$0.00	0	\$0.00
8	Total	55,461	\$364,038	0	\$0	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,767	0.63	0.01	0.00
10	SPACE COAST	545	0.20	0.00	0.00
11	MARTIN SOLAR	969	0.34	0.00	0.00
12	Total	3,281	1.17	0.02	0.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$35,645	\$660,035	\$381,462	(\$45,942)	\$0	\$1,031,200
14	SPACE COAST	\$3,411	\$308,434	\$178,157	(\$21,564)	\$0	\$468,438
15	MARTIN SOLAR	\$363,537	\$2,125,564	\$977,885	(\$124,239)	\$0	\$3,342,747
16	Total	\$402,593	\$3,094,034	\$1,537,504	(\$191,745)	\$0	\$4,842,386

- (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) 2022

	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	10,033	18.6%	0.03%	30,306,342
2	SPACE COAST	10	3,747	17.3%	0.01%	
3	MARTIN SOLAR	75	4,431	2.7%	0.01%	
4	Total	110	18,211	7.7%	0.06%	

	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	69,367	\$6.88	0	\$87.82	0	\$0.00
6	SPACE COAST	25,696	\$6.88	0	\$87.82	0	\$0.00
7	MARTIN SOLAR	30,978	\$6.88	0	\$87.82	0	\$0.00
8	Total	126,041	\$866,678	0	\$15	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	4,103	1.5	0.0	0.00
10	SPACE COAST	1,520	0.5	0.0	0.00
11	MARTIN SOLAR	1,832	0.7	0.0	0.00
12	Total	7,455	2.7	0.0	0.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$185,336	\$1,980,080	\$1,144,601	(\$348,565)	\$0	\$2,961,452
14	SPACE COAST	\$29,949	\$925,770	\$534,470	(\$151,903)	\$0	\$1,338,287
15	MARTIN SOLAR	\$1,094,914	\$6,363,975	\$2,933,663	(\$936,626)	\$0	\$9,455,926
16	Total	\$1,310,199	\$9,269,825	\$4,612,734	(\$1,437,094)	\$0	\$13,755,664

- (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.