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May 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 April 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 May 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: April 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,594	(58)	(18)	(104)
2	10,730	(58)	(18)	(105)
3	10,154	(57)	(18)	(107)
4	9,824	(56)	(18)	(110)
5	9,746	(56)	(18)	(124)
6	10,077	(55)	(18)	(146)
7	10,835	(57)	(18)	(262)
8	11,453	1,677	291	(472)
9	12,531	8,973	1,681	(730)
10	13,758	12,698	3,436	903
11	14,825	14,694	5,119	6,126
12	15,616	14,594	6,126	10,204
13	16,287	15,451	6,515	11,138
14	16,897	14,951	6,396	12,470
15	17,290	13,228	6,086	10,870
16	17,619	13,687	5,231	10,530
17	17,767	11,657	4,218	9,795
18	17,622	10,893	2,674	7,916
19	17,191	7,044	1,183	6,449
20	16,473	924	139	1,469
21	16,110	(72)	(26)	(201)
22	15,263	(60)	(19)	(193)
23	14,092	(59)	(18)	(157)
24	12,757	(58)	(18)	(106)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: April 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	4,195	23.3%	0.04%	11,088,454
2	SPACE COAST	10	1,467	20.4%	0.01%	
3	MARTIN SOLAR	75	2,552	4.7%	0.02%	
4	Total	110	8,213	10.4%	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	27,561	\$7.16	0	\$0.00	0	\$0.00
6	SPACE COAST	9,598	\$7.16	0	\$0.00	0	\$0.00
7	MARTIN SOLAR	16,514	\$7.16	0	\$0.00	0	\$0.00
8	Total	53,673	\$384,554	0	\$0	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,630	0.59	0.01	0.00
10	SPACE COAST	567	0.21	0.00	0.00
11	MARTIN SOLAR	976	0.35	0.00	0.00
12	Total	3,173	1.15	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	\$30,651	\$657,271	\$381,389	(\$116,188)	\$0	\$953,124
14	SPACE COAST	\$15,603	\$307,163	\$178,157	(\$50,634)	\$0	\$450,288
15	MARTIN SOLAR	\$317,850	\$2,118,481	\$977,885	(\$312,209)	\$0	\$3,102,009
16	Total	\$364,104	\$3,082,916	\$1,537,431	(\$479,031)	\$0	\$4,505,420

- (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 - April) 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	14,228	19.8%	0.03%	41,395,010
2	SPACE COAST	10	5,213	18.1%	0.01%	
3	MARTIN SOLAR	75	6,983	3.2%	0.02%	
4	Total	110	26,424	8.3%	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	96,928	\$6.96	0	\$87.82	0	\$0.00
6	SPACE COAST	35,294	\$6.96	0	\$87.82	0	\$0.00
7	MARTIN SOLAR	47,492	\$6.96	0	\$87.82	0	\$0.00
8	Total	179,714	\$1,251,233	0	\$15	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	5,732	2.1	0.0	0.00
10	SPACE COAST	2,087	0.8	0.0	0.00
11	MARTIN SOLAR	2,808	1.0	0.0	0.00
12	Total	10,628	3.8	0.1	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	\$215,987	\$2,637,351	\$1,525,990	(\$464,753)	\$0	\$3,914,575
14	SPACE COAST	\$45,552	\$1,232,933	\$712,627	(\$202,537)	\$0	\$1,788,575
15	MARTIN SOLAR	\$1,412,764	\$8,482,456	\$3,911,549	(\$1,248,835)	\$0	\$12,557,934
16	Total	\$1,674,303	\$12,352,740	\$6,150,165	(\$1,916,125)	\$0	\$18,261,084

- (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.