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June 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 May 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 June 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: May 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,752	(68)	(18)	(150)
2	11,842	(69)	(18)	(135)
3	11,211	(68)	(18)	(132)
4	10,802	(68)	(18)	(129)
5	10,633	(68)	(18)	(133)
6	10,856	(68)	(18)	(124)
7	11,423	(40)	(6)	1,077
8	12,044	3,154	533	891
9	13,275	9,447	1,962	499
10	14,728	12,468	3,622	3,463
11	16,237	13,642	5,049	9,983
12	17,448	14,384	6,269	15,905
13	18,418	14,570	6,669	20,389
14	19,183	14,312	6,666	17,451
15	19,710	13,966	6,379	17,206
16	19,994	13,639	5,800	15,843
17	19,986	12,756	4,648	14,275
18	19,671	9,944	3,153	12,158
19	19,003	7,241	1,210	9,639
20	18,033	1,606	206	3,892
21	17,411	(88)	(27)	(347)
22	16,590	(74)	(21)	(336)
23	15,375	(70)	(20)	(194)
24	14,009	(69)	(19)	(173)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: May 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	4,352	23.4%	0.03%	12,704,577
2 SPACE COAST	10	1,611	21.7%	0.01%	
3 MARTIN SOLAR	75	4,365	7.8%	0.03%	
4 Total	110	10,328	12.6%	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	30,647	\$9.30	0	\$0.00	0	\$0.00
6 SPACE COAST	11,315	\$9.30	0	\$0.00	0	\$0.00
7 MARTIN SOLAR	31,515	\$9.30	0	\$0.00	0	\$0.00
8 Total	73,477	\$683,166	0	\$0	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	1,812	0.65	0.01	0.00
10 SPACE COAST	669	0.24	0.00	0.00
11 MARTIN SOLAR	1,865	0.66	0.01	0.00
12 Total	4,347	1.55	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	\$24,994	\$654,467	\$381,389	(\$116,188)	\$0	\$944,661
14 SPACE COAST	\$8,589	\$305,874	\$178,157	(\$50,634)	\$0	\$441,986
15 MARTIN SOLAR	\$307,864	\$2,111,208	\$977,885	(\$312,209)	\$0	\$3,084,749
16 Total	\$341,447	\$3,071,549	\$1,537,431	(\$479,031)	\$0	\$4,471,396

- (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 - May) 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	18,580	20.5%	54,099,586
2	SPACE COAST	10	6,824	18.8%	
3	MARTIN SOLAR	75	11,348	4.2%	
4	Total	110	36,752	9.2%	

	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	127,575	\$7.64	0	\$87.82	0	\$0.00
6	SPACE COAST	46,608	\$7.64	0	\$87.82	0	\$0.00
7	MARTIN SOLAR	79,008	\$7.64	0	\$87.82	0	\$0.00
8	Total	253,191	\$1,934,399	0	\$15	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	7,545	2.7	0.0	0.00
10	SPACE COAST	2,756	1.0	0.0	0.00
11	MARTIN SOLAR	4,674	1.7	0.0	0.00
12	Total	14,974	5.4	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	\$240,980	\$3,291,818	\$1,907,379	(\$580,941)	\$0	\$4,859,236
14	SPACE COAST	\$54,142	\$1,538,807	\$890,783	(\$253,171)	\$0	\$2,230,560
15	MARTIN SOLAR	\$1,720,628	\$10,593,664	\$4,889,434	(\$1,561,044)	\$0	\$15,642,683
16	Total	\$2,015,750	\$15,424,290	\$7,687,596	(\$2,395,156)	\$0	\$22,732,480

- (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.