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January 20, 2023

**-VIA ELECTRONIC FILING-**

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

**Re: Docket No. 20230007-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 December 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. 20230007-EI**

**I HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic delivery on this 20th day of January 2023 to the following:

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By: Maria Jose Moncada  
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Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: December 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,893	(58)	(20)	(135)
2	11,226	(59)	(20)	(138)
3	10,814	(58)	(20)	(133)
4	10,623	(59)	(20)	(170)
5	10,704	(59)	(20)	(151)
6	11,163	(59)	(20)	(168)
7	12,110	(59)	(20)	(216)
8	12,967	87	120	(308)
9	13,985	1,942	1,525	(532)
10	14,852	5,390	3,076	(632)
11	15,442	9,275	3,830	(702)
12	15,867	7,987	4,179	(338)
13	16,195	7,605	4,048	(193)
14	16,420	7,254	3,530	(17)
15	16,536	6,886	2,792	146
16	16,529	6,121	1,841	88
17	16,392	3,672	758	41
18	16,468	503	(3)	(253)
19	16,773	(42)	(24)	(215)
20	16,285	(60)	(20)	(181)
21	15,657	(60)	(19)	(162)
22	14,874	(60)	(19)	(139)
23	13,931	(60)	(20)	(118)
24	12,919	(59)	(20)	(130)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: December 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	1,735	9.3%	0.02%	10,358,483
2	SPACE COAST	10	788	10.6%	0.01%	
3	MARTIN SOLAR	75	(147)	-0.3%	0.00%	
4	Total	110	2,376	2.9%	0.02%	

	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	12,036	\$9.53	30	\$104.80	0	\$0.00
6	SPACE COAST	5,421	\$9.53	17	\$104.80	0	\$0.00
7	MARTIN SOLAR	(1,060)	\$9.53	0	\$104.80	0	\$0.00
8	Total	16,397	\$156,185	47	\$4,963	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	726	0.27	0.00	0.00
10	SPACE COAST	328	0.13	0.00	0.00
11	MARTIN SOLAR	(62)	-0.02	0.00	0.00
12	Total	991	0.38	0.01	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	\$33,046	\$645,471	\$381,390	(\$116,188)	\$0	\$943,718
14	SPACE COAST	\$11,869	\$301,730	\$178,157	(\$50,634)	\$0	\$441,121
15	MARTIN SOLAR	\$255,544	\$2,095,273	\$977,358	(\$312,209)	\$0	\$3,015,966
16	Total	\$300,459	\$3,042,473	\$1,536,904	(\$479,031)	\$0	\$4,400,805

- (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 - December) 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	37,675	17.2%	140,194,348
2	SPACE COAST	10	14,849	17.0%	
3	MARTIN SOLAR	75	20,096	3.1%	
4	Total	110	72,620	7.5%	

	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	267,547	\$8.89	1,004	\$99.23	0	\$0.00
6	SPACE COAST	106,078	\$8.89	335	\$99.23	0	\$0.00
7	MARTIN SOLAR	144,907	\$8.89	605	\$99.23	0	\$0.00
8	Total	518,533	\$4,608,699	1,945	\$192,981	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	16,883	6.4	0.2	0.02
10	SPACE COAST	6,649	2.5	0.1	0.01
11	MARTIN SOLAR	8,815	3.3	0.2	0.01
12	Total	32,347	12.3	0.4	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	\$616,509	\$7,844,203	\$4,577,105	(\$1,394,259)	\$0	\$11,643,558
14	SPACE COAST	\$158,418	\$3,665,612	\$2,137,880	(\$607,611)	\$0	\$5,354,300
15	MARTIN SOLAR	\$3,736,727	\$25,329,460	\$11,733,257	(\$3,746,505)	\$0	\$37,052,939
16	Total	\$4,511,654	\$36,839,276	\$18,448,241	(\$5,748,374)	\$0	\$54,050,796

- (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.