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January 21, 2025

**-VIA ELECTRONIC FILING-**

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

**Re: Docket No. 20250007-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 2024 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/ attachment)

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

22618320

**CERTIFICATE OF SERVICE**

**Docket No. 20250007-EI**

**I HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished  
by electronic service on this 21st day of January 2025 to the following:

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By: s/ Maria Jose Moncada  
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 2024

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,570	(65)	(20)	0
2	10,906	(65)	(20)	0
3	10,530	(66)	(20)	0
4	10,367	(66)	(20)	0
5	10,474	(67)	(20)	0
6	11,030	(67)	(20)	0
7	12,022	346	(20)	0
8	12,875	3,708	55	0
9	13,663	6,041	818	0
10	14,208	6,701	1,849	0
11	14,571	6,528	2,540	0
12	14,852	6,679	2,993	0
13	15,082	6,703	2,750	0
14	15,244	6,490	2,744	0
15	15,362	5,637	2,349	0
16	15,429	3,127	1,599	0
17	15,445	128	526	0
18	15,722	(70)	1	0
19	16,123	(64)	(24)	0
20	15,718	(63)	(20)	0
21	15,150	(63)	(19)	0
22	14,450	(63)	(19)	0
23	13,581	(62)	(20)	0
24	12,543	(62)	(20)	0

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: December 2024

	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	1,589	8.5%	9,986,937
2	SPACE COAST	10	557	7.5%	
3	MARTIN SOLAR	75	0	0.0%	
4	Total	110	2,145	2.6%	

	Natural Gas Displaced (MCF)	<sup>(3)</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	10,700	\$5.81	0	\$0.00	0	\$0.00
6	SPACE COAST	3,754	\$5.81	0	\$0.00	0	\$0.00
7	MARTIN SOLAR	0	\$5.81	0	\$0.00	0	\$0.00
8	Total	14,454	\$84,007	0	\$0	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9	DESOTO	632	0.23	0.00
10	SPACE COAST	222	0.08	0.00
11	MARTIN SOLAR	0	0.00	0.00
12	Total	854	0.31	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	\$110,259	\$610,553	\$382,211	(\$116,188)	\$0	\$986,835
14	SPACE COAST	\$22,379	\$286,186	\$178,034	(\$50,634)	\$0	\$435,964
15	MARTIN SOLAR	\$0	\$2,004,204	\$0	<sup>(7)</sup> \$821,329	\$0	\$2,825,532
16	Total	\$132,638	\$2,900,943	\$560,245	\$654,506	\$0	\$4,248,332

- (1) Net Generation data represents a calendar month.
- (2) Total System Net Generation from Schedule A3.
- (3) Fuel Cost per unit data from Schedule A4.
- (4) Carrying Cost data represents return on average net investment. For Martin Solar, Carrying Costs also includes return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (5) Capital cost data represents depreciation expense on net investment.
- (6) Other cost data represents dismantlement costs and amortization on ITC. For Martin Solar, Other also includes the amortization of regulatory asset.
- (7) For Martin Solar, all amortization is reflected in Other.

Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: Year-to-Date (January - December) 2024

	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	27,756	12.7%	0.02%	145,423,247
2	SPACE COAST	10	8,596	9.8%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	36,352	3.8%	0.02%	

	Natural Gas Displaced (MCF)	<sup>(3)</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	216,351	\$3.93	507	\$93.41	0	\$0.00
6	SPACE COAST	67,087	\$3.93	113	\$93.41	0	\$0.00
7	MARTIN SOLAR	0	\$3.93	0	\$93.41	0	\$0.00
8	Total	283,439	\$1,114,775	620	\$57,921	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	13,330	4.73	0.07	0.01
10	SPACE COAST	4,031	1.42	0.02	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	17,361	6.15	0.09	0.01

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$429,744	\$7,516,525	\$4,580,225	(\$1,394,259)	\$0	\$11,132,235
14	SPACE COAST	\$147,532	\$3,522,631	\$2,136,884	(\$607,611)	\$0	\$5,199,436
15	MARTIN SOLAR	\$0	\$24,618,295	<sup>(7)</sup> \$296,410	<sup>(7)</sup> \$9,559,118	\$0	\$34,473,823
16	Total	\$577,275	\$35,657,451	\$7,013,519	\$7,557,249	\$0	\$50,805,494

- (1) Net Generation data represents a calendar month.
- (2) Total System Net Generation from Schedule A3.
- (3) Fuel Cost per unit data from Schedule A4.
- (4) Carrying Cost data represents return on average net investment. For Martin Solar, Carrying Costs also includes return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (5) Capital cost data represents depreciation expense on net investment.
- (6) Other cost data represents dismantlement costs and amortization on ITC. For Martin Solar, Other also includes a portion of the amortization of the regulatory asset for January through March, and the entire amount of the monthly amortization for April.
- (7) For Martin Solar, the Capital amount represents a portion of amortization for January-March. Beginning April 2024 all amortization is reflected in "Other"