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August 20, 2024

**-VIA ELECTRONIC FILING-**

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

**Re: Docket No. 20240007-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 July 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

:22318669

**CERTIFICATE OF SERVICE**

**Docket No. 20240007-EI**

**I HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic service on this 20th day of August 2024 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: July 2024

	Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
			DESOTO	SPACE COAST	MARTIN SOLAR
1	1	17,798	(67)	(22)	NA
2	2	16,680	(65)	(21)	NA
3	3	15,846	(65)	(21)	NA
4	4	15,263	(65)	(21)	NA
5	5	14,989	(65)	(21)	NA
6	6	15,089	(65)	(21)	NA
7	7	15,440	(65)	(20)	NA
8	8	15,992	1,225	120	NA
9	9	17,563	5,155	686	NA
10	10	19,438	7,422	1,417	NA
11	11	21,314	9,181	2,260	NA
12	12	23,082	9,674	2,754	NA
13	13	24,418	9,799	3,138	NA
14	14	25,294	9,877	3,134	NA
15	15	25,760	9,694	2,961	NA
16	16	25,945	7,935	2,373	NA
17	17	25,898	6,998	1,772	NA
18	18	25,619	4,549	1,092	NA
19	19	24,910	2,235	474	NA
20	20	23,915	355	98	NA
21	21	23,066	(74)	(29)	NA
22	22	22,133	(67)	(23)	NA
23	23	20,673	(65)	(21)	NA
24	24	19,255	(67)	(21)	NA

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: July 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	2,585	13.9%	15,000,695
2	SPACE COAST	10	683	9.2%	
3	MARTIN SOLAR	75	0	0.0%	
4	Total	110	3,268	4.0%	

	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	18,484	\$3.99	17	\$108.50	0	\$0.00
6	SPACE COAST	5,004	\$3.99	8	\$108.50	0	\$0.00
7	MARTIN SOLAR	0	\$3.99	0	\$108.50	0	\$0.00
8	Total	23,488	\$93,785	25	\$2,688	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,103	0.38	0.01	0.00
10	SPACE COAST	300	0.10	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	1,404	0.48	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	\$17,789	\$625,198	\$381,240	(\$116,188)	\$0	\$908,039
14	SPACE COAST	\$9,727	\$293,102	\$178,034	(\$50,634)	\$0	\$430,228
15	MARTIN SOLAR	\$0	\$2,046,331	\$0	<sup>(7)</sup> \$821,262	\$0	\$2,867,593
16	Total	\$27,516	\$2,964,631	\$559,274	\$654,439	\$0	\$4,205,856

- (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 - July) 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	18,064	14.2%	0.02%	83,911,357
2	SPACE COAST	10	5,550	10.9%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	23,614	4.2%	0.03%	

	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	147,275	\$3.88	461	\$91.64	0	\$0.00
6	SPACE COAST	45,328	\$3.88	98	\$91.64	0	\$0.00
7	MARTIN SOLAR	0	\$3.88	0	\$91.64	0	\$0.00
8	Total	192,603	\$748,178	558	\$51,175	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	8,911	3.16	0.05	0.00
10	SPACE COAST	2,718	0.96	0.01	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	11,630	4.11	0.06	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	\$109,924	\$4,439,625	\$2,669,658	(\$813,318)	\$0	\$6,405,889
14	SPACE COAST	\$78,090	\$2,080,409	\$1,246,713	(\$354,440)	\$0	\$3,050,773
15	MARTIN SOLAR	\$0	\$14,533,812	<sup>(7)</sup> \$296,410	<sup>(7)</sup> \$5,452,404	\$0	\$20,282,625
16	Total	\$188,014	\$21,053,846	\$4,212,781	\$4,284,647	\$0	\$29,739,287

- (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. 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"