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December 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 November 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

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22571790

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 December 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: November 2024

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,836	(68)	(18)	0
2	12,046	(68)	(18)	0
3	11,523	(68)	(18)	0
4	11,244	(67)	(18)	0
5	11,241	(68)	(18)	0
6	11,647	(68)	(18)	0
7	12,457	1,019	(18)	0
8	13,178	4,809	215	0
9	14,239	6,692	1,048	0
10	15,308	7,058	1,880	0
11	16,233	7,408	2,622	0
12	17,017	7,364	3,211	0
13	17,665	6,970	3,248	0
14	18,118	6,715	3,208	0
15	18,340	5,620	2,771	0
16	18,382	3,285	1,813	0
17	18,285	615	801	0
18	18,187	41	90	0
19	18,184	(72)	(15)	0
20	17,549	(73)	(20)	0
21	16,770	(72)	(18)	0
22	15,917	(72)	(18)	0
23	14,925	(69)	(18)	0
24	13,781	(69)	(18)	0

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	1,703	9.5%	0.02%	10,782,159
2	SPACE COAST	10	620	8.6%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	2,323	2.9%	0.02%	

	Natural Gas Displaced (MCF)	⁽²⁾ Cost of NG (\$/MCF)	Oil Displaced (Bbls)	⁽²⁾ Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	⁽³⁾ Cost of Coal (\$/Ton)	
5	DESOTO	10,905	\$3.89	0	\$108.75	0	\$0.00
6	SPACE COAST	4,202	\$3.89	0	\$108.75	0	\$0.00
7	MARTIN SOLAR	0	\$3.89	0	\$108.75	0	\$0.00
8	Total	15,106	\$58,814	0	\$0	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	953	0.35	0.00	0.00
10	SPACE COAST	265	0.10	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	1,219	0.45	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$30,482	\$613,765	\$382,211	(\$116,188)	\$0	\$910,269
14	SPACE COAST	\$7,505	\$287,671	\$178,034	(\$50,634)	\$0	\$422,576
15	MARTIN SOLAR	\$0	\$2,011,901	\$0	⁽⁷⁾ \$821,399	\$0	\$2,833,300
16	Total	\$37,987	\$2,913,337	\$560,245	\$654,577	\$0	\$4,166,145

- (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 - November) 2024

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	26,168	13.1%	0.02%	135,436,309
2	SPACE COAST	10	8,039	10.0%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	34,207	3.9%	0.03%	

	Natural Gas Displaced (MCF)	⁽²⁾ Cost of NG (\$/MCF)	Oil Displaced (Bbls)	⁽²⁾ Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	⁽³⁾ Cost of Coal (\$/Ton)	
5	DESOTO	205,652	\$3.83	507	\$93.41	0	\$0.00
6	SPACE COAST	63,333	\$3.83	113	\$93.41	0	\$0.00
7	MARTIN SOLAR	0	\$3.83	0	\$93.41	0	\$0.00
8	Total	268,985	\$1,030,768	620	\$57,921	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	12,698	4.49	0.07	0.01
10	SPACE COAST	3,809	1.34	0.02	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	16,507	5.84	0.09	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$319,484	\$6,905,972	\$4,198,015	(\$1,278,070)	\$0	\$10,145,400
14	SPACE COAST	\$125,153	\$3,236,446	\$1,958,850	(\$556,977)	\$0	\$4,763,472
15	MARTIN SOLAR	\$0	\$22,614,091	⁽⁷⁾ \$296,410	⁽⁷⁾ \$8,737,789	\$0	\$31,648,291
16	Total	\$444,637	\$32,756,509	\$6,453,275	\$6,902,742	\$0	\$46,557,163

- (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"