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November 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 October 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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22514047

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 November 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: October 2024

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,956	(64)	0	0
2	13,018	(63)	0	0
3	12,395	(63)	0	0
4	12,011	(63)	0	0
5	11,923	(64)	0	0
6	12,276	(63)	0	0
7	13,036	(27)	16	0
8	13,468	2,508	504	0
9	14,257	5,958	1,349	0
10	15,436	7,283	2,552	0
11	16,575	7,795	3,426	0
12	17,652	7,725	3,654	0
13	18,563	7,623	2,661	0
14	19,316	7,496	2,566	0
15	19,799	6,550	2,638	0
16	20,094	5,988	591	0
17	20,202	4,020	730	0
18	19,984	587	243	0
19	19,464	(82)	6	0
20	19,204	(69)	0	0
21	18,491	(67)	0	0
22	17,497	(67)	0	0
23	16,314	(66)	0	0
24	14,996	(66)	0	0

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	1,944	10.5%	12,174,605
2	SPACE COAST	10	649	8.7%	
3	MARTIN SOLAR	75	0	0.0%	
4	Total	110	2,593	3.2%	

	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	13,871	\$4.07	0	\$106.09	0	\$0.00
6	SPACE COAST	4,749	\$4.07	2	\$106.09	0	\$0.00
7	MARTIN SOLAR	0	\$4.07	0	\$106.09	0	\$0.00
8	Total	18,620	\$75,701	2	\$176	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9	DESOTO	821	0.28	0.00
10	SPACE COAST	282	0.10	0.00
11	MARTIN SOLAR	0	0.00	0.00
12	Total	1,103	0.38	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$13,794	\$612,080	\$382,211	(\$116,188)	\$0	\$891,896
14	SPACE COAST	\$21,248	\$286,790	\$178,034	(\$50,634)	\$0	\$435,438
15	MARTIN SOLAR	\$0	\$2,004,911	\$0	⁽⁷⁾ \$821,399	\$0	\$2,826,311
16	Total	\$35,041	\$2,903,782	\$560,245	\$654,577	\$0	\$4,153,645

- (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 - October) 2024

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	24,465	13.4%	0.02%	124,654,150
2	SPACE COAST	10	7,419	10.2%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	31,884	4.0%	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	194,747	\$3.83	507	\$93.37	0	\$0.00
6	SPACE COAST	59,131	\$3.83	113	\$93.37	0	\$0.00
7	MARTIN SOLAR	0	\$3.83	0	\$93.37	0	\$0.00
8	Total	253,878	\$971,954	620	\$57,921	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	11,745	4.15	0.06	0.00
10	SPACE COAST	3,543	1.24	0.02	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	15,288	5.39	0.08	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$289,002	\$6,292,207	\$3,815,804	(\$1,161,882)	\$0	\$9,235,131
14	SPACE COAST	\$117,648	\$2,948,774	\$1,780,816	(\$506,342)	\$0	\$4,340,895
15	MARTIN SOLAR	\$0	\$20,602,190	⁽⁷⁾ \$296,410	⁽⁷⁾ \$7,916,390	\$0	\$28,814,991
16	Total	\$406,650	\$29,843,172	\$5,893,030	\$6,248,166	\$0	\$42,391,017

- (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"