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April 22, 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 March 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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:22058543

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 22nd day of April 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: March 2024

	Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
			DESOTO	SPACE COAST	MARTIN SOLAR
1	1	11,902	(58)	(20)	NA
2	2	10,964	(57)	(20)	NA
3	3	10,479	(58)	(20)	NA
4	4	10,146	(58)	(21)	NA
5	5	10,093	(58)	(21)	NA
6	6	10,502	(57)	(21)	NA
7	7	11,344	(58)	(20)	NA
8	8	12,099	236	169	NA
9	9	13,074	2,931	953	NA
10	10	14,147	6,569	2,085	NA
11	11	14,994	8,633	3,233	NA
12	12	15,665	9,769	4,189	NA
13	13	16,245	9,889	4,640	NA
14	14	16,727	10,120	4,513	NA
15	15	17,103	9,888	4,358	NA
16	16	17,482	9,298	3,619	NA
17	17	17,785	7,902	2,619	NA
18	18	17,806	5,123	1,431	NA
19	19	17,542	2,375	433	NA
20	20	17,150	284	2	NA
21	21	16,762	(54)	(27)	NA
22	22	15,881	(60)	(22)	NA
23	23	14,714	(59)	(21)	NA
24	24	13,293	(60)	(20)	NA

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,554	13.7%	0.02%	10,528,273
2	SPACE COAST	10	992	13.3%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	3,546	4.3%	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	22,780	\$3.36	0.0	\$0.00	0	\$0.00
6	SPACE COAST	8,865	\$3.36	0.0	\$0.00	0	\$0.00
7	MARTIN SOLAR	0	\$3.36	0.0	\$0.00	0	\$0.00
8	Total	31,645	\$106,309	0.0	\$0.00	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,349	0.46	0.01	0.00
10	SPACE COAST	525	0.18	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	1,874	0.65	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	(\$717) ⁽⁷⁾	\$631,876	\$381,436	(\$116,188)	\$0	\$896,406
14	SPACE COAST	\$342	\$295,985	\$178,126	(\$50,634)	\$0	\$423,818
15	MARTIN SOLAR	\$0	\$2,071,699	\$0	\$820,558	\$0	\$2,892,257
16	Total	(\$375)	\$2,999,560	\$361,955	\$851,342	\$0	\$4,212,482

- (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 the amortization of regulatory asset.
- (7) Credit O&M amount due to adjustment of prior period inventory and warehouse overhead costs.

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	6,363	11.8%	0.02%	30,281,378
2	SPACE COAST	10	2,323	10.8%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	8,686	3.7%	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	50,025	\$4.14	0.0	\$0.00	0	\$0.00
6	SPACE COAST	18,293	\$4.14	0.0	\$0.00	0	\$0.00
7	MARTIN SOLAR	0	\$4.14	0.0	\$0.00	0	\$0.00
8	Total	68,318	\$282,716	0.0	\$0.00	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,957	1.07	0.02	0.00
10	SPACE COAST	1,081	0.39	0.01	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	4,039	1.47	0.02	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$45,122	\$1,904,561	\$1,144,330	(\$348,565)	\$0	\$2,745,448
14	SPACE COAST	\$52,174	\$892,041	\$534,393	(\$151,903)	\$0	\$1,326,705
15	MARTIN SOLAR	\$0	\$6,236,979	\$0	\$2,463,775	\$0	\$8,700,754
16	Total	\$97,296	\$9,033,581	\$1,678,723	\$1,963,307	\$0	\$12,772,907

- (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 the amortization of regulatory asset.