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March 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 February 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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:21987959

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 March 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: February 2024

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,792	(54)	(27)	NA
2	10,196	(54)	(27)	NA
3	9,917	(54)	(26)	NA
4	9,840	(54)	(27)	NA
5	10,030	(55)	(27)	NA
6	10,709	(55)	(27)	NA
7	12,003	(56)	(27)	NA
8	13,020	991	202	NA
9	13,738	5,293	1,172	NA
10	14,108	8,724	2,359	NA
11	14,240	9,605	3,239	NA
12	14,293	10,358	3,900	NA
13	14,357	10,656	3,981	NA
14	14,403	10,821	3,907	NA
15	14,470	10,182	3,390	NA
16	14,626	8,830	2,619	NA
17	14,798	6,476	1,579	NA
18	14,931	2,321	418	NA
19	15,312	(43)	(33)	NA
20	15,303	(58)	(31)	NA
21	14,688	(54)	(28)	NA
22	13,900	(54)	(27)	NA
23	12,906	(54)	(27)	NA
24	11,833	(53)	(27)	NA

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,423	13.9%	0.03%	9,297,055
2	SPACE COAST	10	766	11.0%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	3,189	4.2%	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	18,526	\$4.62	0.0	\$0.00	0	\$0.00
6	SPACE COAST	5,873	\$4.62	0.0	\$0.00	0	\$0.00
7	MARTIN SOLAR	0	\$4.62	0.0	\$0.00	0	\$0.00
8	Total	24,399	\$112,792	0.0	\$0.00	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,094	0.41	0.01	0.00
10	SPACE COAST	347	0.13	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	1,440	0.54	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$92,709	\$634,829	\$381,447	(\$107,104)	\$0	\$1,001,881
14	SPACE COAST	\$12,522	\$297,279	\$196,886	(\$48,540)	\$0	\$458,146
15	MARTIN SOLAR	\$0	\$2,078,294	\$98,803	\$358,773	\$0	\$2,535,871
16	Total	\$105,231	\$3,010,402	\$677,136	\$203,128	\$0	\$3,995,898

- (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.

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,810	10.8%	0.02%	19,753,105
2	SPACE COAST	10	1,331	9.4%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	5,140	3.3%	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	27,245	\$4.81	0.0	\$0.00	0	\$0.00
6	SPACE COAST	9,428	\$4.81	0.0	\$0.00	0	\$0.00
7	MARTIN SOLAR	0	\$4.81	0.0	\$0.00	0	\$0.00
8	Total	36,673	\$176,407	0.0	\$0.00	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,608	0.61	0.01	0.00
10	SPACE COAST	557	0.21	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	2,165	0.82	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$45,839	\$1,272,685	\$762,894	(\$232,376)	\$0	\$1,849,042
14	SPACE COAST	\$51,832	\$596,056	\$356,267	(\$101,268)	\$0	\$902,887
15	MARTIN SOLAR	\$0	\$4,165,280	\$197,607	\$1,445,610	\$0	\$5,808,496
16	Total	\$97,672	\$6,034,021	\$1,316,768	\$1,111,965	\$0	\$8,560,425

- (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.
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