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July 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 June 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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:22254081

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 July 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: June 2024

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	16,698	(63)	(39)	NA
2	15,600	(62)	(39)	NA
3	14,815	(63)	(39)	NA
4	14,277	(63)	(39)	NA
5	14,035	(61)	(39)	NA
6	14,151	(62)	(39)	NA
7	14,530	(41)	(34)	NA
8	15,185	2,032	182	NA
9	16,639	5,900	892	NA
10	18,441	7,862	1,770	NA
11	20,022	9,332	2,317	NA
12	21,437	9,396	2,833	NA
13	22,597	9,860	2,980	NA
14	23,373	9,764	3,030	NA
15	23,804	9,863	2,562	NA
16	23,986	7,501	2,230	NA
17	23,987	6,639	1,828	NA
18	23,879	5,573	1,142	NA
19	23,364	3,867	521	NA
20	22,519	1,268	99	NA
21	21,694	(43)	(43)	NA
22	20,859	(67)	(41)	NA
23	19,527	(64)	(39)	NA
24	18,048	(63)	(39)	NA

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	14.7%	0.02%	13,667,926
2	SPACE COAST	10	9.1%	0.00%	
3	MARTIN SOLAR	75	0.0%	0.00%	
4	Total	110	4.2%	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	21,725	143	\$52.82	0	\$0.00
6	SPACE COAST	5,457	39	\$52.82	0	\$0.00
7	MARTIN SOLAR	0	0	\$52.82	0	\$0.00
8	Total	27,182	182	\$9,590	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9	DESOTO	1,323	0.48	0.01
10	SPACE COAST	329	0.12	0.00
11	MARTIN SOLAR	0	0.00	0.00
12	Total	1,653	0.59	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$2,519	\$655,072	\$381,240	(\$116,188)	\$0	\$922,642
14	SPACE COAST	\$3,932	\$307,409	\$178,034	(\$50,634)	\$0	\$438,740
15	MARTIN SOLAR	\$0	\$2,145,688	\$0	⁽⁷⁾ \$821,262	\$0	\$2,966,949
16	Total	\$6,450	\$3,108,169	\$559,274	\$654,439	\$0	\$4,328,328

- (1) Net Generation data represents a calendar month.
- (2) Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3. Includes prior period adjustment of 13,091 MWh from January 2024.
- (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-2022-0424-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 - June) 2024

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	15,480	14.3%	0.02%	68,910,662
2	SPACE COAST	10	4,867	11.2%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	20,346	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	128,791	\$3.87	444	\$90.86	0	\$0.00
6	SPACE COAST	40,324	\$3.87	90	\$90.86	0	\$0.00
7	MARTIN SOLAR	0	\$3.87	0	\$90.86	0	\$0.00
8	Total	169,115	\$654,393	534	\$48,487	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	7,808	2.78	0.04	0.00
10	SPACE COAST	2,418	0.85	0.01	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	10,226	3.64	0.05	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$92,135	\$3,814,426	\$2,288,418	(\$697,129)	\$0	\$5,497,850
14	SPACE COAST	\$68,363	\$1,787,308	\$1,068,679	(\$303,805)	\$0	\$2,620,545
15	MARTIN SOLAR	\$0	\$12,487,480	⁽⁷⁾ \$296,410	⁽⁷⁾ \$4,631,146	\$0	\$17,415,036
16	Total	\$160,498	\$18,089,214	\$3,653,507	\$3,630,211	\$0	\$25,533,431

- (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-2022-0424-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"