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May 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 April 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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:22112167

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 May 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: April 2024

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,441	(58)	(43)	NA
2	11,409	(57)	(43)	NA
3	10,764	(56)	(43)	NA
4	10,375	(57)	(43)	NA
5	10,295	(56)	(43)	NA
6	10,681	(56)	(43)	NA
7	11,565	(56)	(42)	NA
8	12,196	906	175	NA
9	13,244	6,573	1,082	NA
10	14,401	9,913	2,386	NA
11	15,356	11,212	3,538	NA
12	16,150	12,112	4,483	NA
13	16,866	12,594	4,620	NA
14	17,574	12,434	4,815	NA
15	18,189	11,901	4,662	NA
16	18,737	11,248	4,034	NA
17	19,159	10,190	3,205	NA
18	19,291	8,525	1,966	NA
19	18,901	5,512	742	NA
20	18,138	550	66	NA
21	17,738	(81)	(50)	NA
22	16,793	(61)	(44)	NA
23	15,454	(59)	(43)	NA
24	13,915	(58)	(43)	NA

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,390	18.8%	0.03%	10,767,315
2	SPACE COAST	10	1,059	14.7%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	4,449	5.6%	0.04%	

	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	27,569	\$3.42	112	\$118.05	0	\$0.00
6	SPACE COAST	8,490	\$3.42	33	\$118.05	0	\$0.00
7	MARTIN SOLAR	0	\$3.42	0	\$118.05	0	\$0.00
8	Total	36,059	\$123,445	144	\$17,031.53	0	\$0.00

	CO ₂ Reductions (Tons)	Nox Reductions (Tons)	SO ₂ Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,685	0.62	0.01	0.00
10	SPACE COAST	518	0.19	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	2,203	0.81	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$16,484	\$628,890	\$381,424	(\$116,188)	\$0	\$910,610
14	SPACE COAST	\$6,958	\$294,615	\$178,126	(\$50,634)	\$0	\$429,064
15	MARTIN SOLAR	\$0	\$2,059,433	\$0	⁽⁷⁾ \$821,262	\$0	\$2,880,695
16	Total	\$23,441	\$2,982,938	\$559,550	\$358,029	\$0	\$3,923,959

- (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-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 - April) 2024

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	9,754	13.5%	0.02%	41,048,693
2	SPACE COAST	10	3,382	11.7%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	13,136	4.1%	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	77,593	\$3.89	112	\$118.05	0	\$0.00
6	SPACE COAST	26,783	\$3.89	33	\$118.05	0	\$0.00
7	MARTIN SOLAR	0	\$3.89	0	\$118.05	0	\$0.00
8	Total	104,377	\$406,161	144	\$17,032	0	\$0.00

	CO ₂ Reductions (Tons)	Nox Reductions (Tons)	SO ₂ Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	4,642	1.69	0.02	0.00
10	SPACE COAST	1,599	0.58	0.01	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	6,242	2.27	0.03	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$61,606	\$2,533,451	\$1,525,754	(\$464,753)	\$0	\$3,656,058
14	SPACE COAST	\$59,131	\$1,186,656	\$712,519	(\$202,537)	\$0	\$1,755,770
15	MARTIN SOLAR	\$0	\$8,296,412	⁽⁷⁾ \$296,410	⁽⁷⁾ \$2,692,216	\$0	\$11,285,038
16	Total	\$120,737	\$12,016,519	\$2,534,683	\$2,024,926	\$0	\$16,696,865

- (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"