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November 17, 2023

-VIA ELECTRONIC FILING-

Adam Teitzman
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20230007-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 2023 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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:21697941

CERTIFICATE OF SERVICE
Docket No. 20230007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic service on this 17th day of November 2023 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 2023

	Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
			DESOTO	SPACE COAST	MARTIN SOLAR
1	1	13,651	(68)	(20)	NA
2	2	12,722	(68)	(20)	NA
3	3	12,106	(68)	(21)	NA
4	4	11,732	(67)	(21)	NA
5	5	11,640	(67)	(21)	NA
6	6	12,029	(67)	(21)	NA
7	7	12,802	(67)	(21)	NA
8	8	13,276	(0)	(3)	NA
9	9	14,158	2,865	715	NA
10	10	15,463	7,097	1,876	NA
11	11	16,657	8,566	3,039	NA
12	12	17,719	9,702	4,071	NA
13	13	18,662	10,181	4,510	NA
14	14	19,458	9,488	4,829	NA
15	15	20,021	9,567	4,361	NA
16	16	20,427	8,980	3,829	NA
17	17	20,572	7,825	3,012	NA
18	18	20,298	5,743	1,604	NA
19	19	19,553	1,334	251	NA
20	20	19,173	(40)	(31)	NA
21	21	18,456	(71)	(24)	NA
22	22	17,426	(69)	(20)	NA
23	23	16,199	(69)	(20)	NA
24	24	14,857	(68)	(20)	NA

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: October 2023

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,497	13.4%	0.02%	12,160,886
2	SPACE COAST	10	987	13.3%	0.01%	
3	MARTIN SOLAR	0	0	0.0%	0.00%	
4	Total	35	3,484	13.4%	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	18,921	\$4.28	0.9	\$117.92	0	\$0.00
6	SPACE COAST	7,379	\$4.28	0.5	\$117.92	0	\$0.00
7	MARTIN SOLAR	0	\$4.28	0.0	\$117.92	0	\$0.00
8	Total	26,300	\$112,687	1.4	\$163.31	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,119	0.4	0.0	0.00
10	SPACE COAST	436	0.2	0.0	0.00
11	MARTIN SOLAR	0	0.0	0.0	0.00
12	Total	1,556	0.6	0.0	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$15,229	\$644,029	\$381,141	(\$116,188)	\$0	\$924,212
14	SPACE COAST	\$11,190	\$301,464	\$178,157	(\$50,634)	\$0	\$440,177
15	MARTIN SOLAR	\$0	\$2,104,791 ⁽⁷⁾	\$0	\$821,258 ⁽⁸⁾	\$0	\$2,926,049
16	Total	\$26,420	\$3,050,284	\$559,298	\$654,436	\$0	\$4,290,437

- (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.
- (5) Capital cost data represents depreciation expense on net investment.
- (6) Other cost data represents dismantlement costs and amortization on ITC.
- (7) Carrying Costs reflect return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (8) Other includes 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 - October) 2023

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	30,310	16.6%	0.02%	122,658,926
2	SPACE COAST	10	11,574	15.9%	0.01%	
3	MARTIN SOLAR	75	-4	0.0%	0.00%	
4	Total	110	41,880	5.2%	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	238,386	\$4.29	1,023	\$103.47	0	\$0.00
6	SPACE COAST	90,387	\$4.29	310	\$103.47	0	\$0.00
7	MARTIN SOLAR	(56)	\$4.29	0	\$103.47	0	\$0.00
8	Total	328,718	\$1,409,640	1,333	\$137,884.66	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	14,592	5.4	0.1	0.01
10	SPACE COAST	5,495	2.0	0.0	0.00
11	MARTIN SOLAR	(3)	0.0	0.0	0.00
12	Total	20,084	7.5	0.1	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$470,632	\$6,570,254	\$3,811,459	(\$1,161,882)	\$0	\$9,219,830
14	SPACE COAST	\$221,683	\$3,073,288	\$1,781,566	(\$506,342)	\$0	\$4,348,512
15	MARTIN SOLAR	\$311,412 ⁽⁷⁾	\$21,399,140 ⁽⁸⁾	\$487,846 ⁽⁷⁾	\$7,436,881 ⁽⁹⁾	\$0	\$29,323,867
16	Total	\$1,003,727	\$31,042,682	\$6,080,872	\$5,768,656	\$0	\$43,895,937

- (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.
- (5) Capital cost data represents depreciation expense on net investment.
- (6) Other cost data represents dismantlement costs and amortization on ITC.
- (7) Capital costs and O&M expense shown are related to January 2023 business.
- (8) Carrying Costs reflect return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (9) Other includes amortization of regulatory asset.