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October 20, 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 September 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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:21631012

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 20th day of October 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: September 2023

	Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
			DESOTO	SPACE COAST	MARTIN SOLAR
1	1	15,668	(66)	(17)	NA
2	2	14,608	(64)	(17)	NA
3	3	13,877	(63)	(18)	NA
4	4	13,394	(64)	(18)	NA
5	5	13,211	(65)	(18)	NA
6	6	13,445	(63)	(18)	NA
7	7	14,106	(65)	(18)	NA
8	8	14,460	347	70	NA
9	9	15,654	3,765	993	NA
10	10	17,393	8,180	2,258	NA
11	11	19,085	8,933	3,387	NA
12	12	20,616	10,555	4,326	NA
13	13	21,856	10,586	4,751	NA
14	14	22,803	10,142	4,516	NA
15	15	23,359	10,520	4,436	NA
16	16	23,575	10,484	4,211	NA
17	17	23,583	7,674	3,099	NA
18	18	23,253	5,175	1,757	NA
19	19	22,479	2,322	560	NA
20	20	21,611	199	21	NA
21	21	20,929	(56)	(5)	NA
22	22	19,725	(63)	3	NA
23	23	18,387	(64)	3	NA
24	24	16,951	(65)	3	NA

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	2,646	14.7%	0.02%	13,472,093
2 SPACE COAST	10	1,028	14.3%	0.01%	
3 MARTIN SOLAR	0	0	0.0%	0.00%	
4 Total	35	3,674	14.6%	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	20,542	\$4.07	41	\$106.59	0	\$0.00
6 SPACE COAST	7,988	\$4.07	9	\$106.59	0	\$0.00
7 MARTIN SOLAR	0	\$4.07	0	\$106.59	0	\$0.00
8 Total	28,531	\$116,090	50	\$5,365.00	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	1,235	0.45	0.01	0.00
10 SPACE COAST	477	0.17	0.00	0.00
11 MARTIN SOLAR	0	0.00	0.00	0.00
12 Total	1,712	0.62	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$23,872	\$729,780	\$381,164	(\$116,188)	\$0	\$1,018,629
14 SPACE COAST	\$17,375	\$464,665	\$178,157	(\$50,634)	\$0	\$609,563
15 MARTIN SOLAR	(\$1,950) ⁽⁷⁾	\$2,390,350 ⁽⁸⁾	\$0	\$821,258 ⁽⁹⁾	\$0	\$3,209,659
16 Total	\$39,298	\$3,584,795	\$559,321	\$654,436	\$0	\$4,837,850

- (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) O&M expense shown is related to a correction for August 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.

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: Year-to-Date (January - September) 2023

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	27,813	17.0%	0.03%	110,498,040
2	SPACE COAST	10	10,587	16.2%	0.01%	
3	MARTIN SOLAR	75	-4	0.0%	0.00%	
4	Total	110	38,396	5.3%	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	219,465	\$4.29	1,022	\$103.45	0	\$0.00
6	SPACE COAST	83,008	\$4.29	309	\$103.45	0	\$0.00
7	MARTIN SOLAR	(56)	\$4.29	0	\$103.45	0	\$0.00
8	Total	302,418	\$1,296,953	1,331	\$137,721.00	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,046	0.39	0.01	0.00
10	SPACE COAST	482	0.18	0.00	0.00
11	MARTIN SOLAR	(3)	0.00	0.00	0.00
12	Total	1,526	0.60	0.00	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$455,402	\$5,926,225	\$3,430,318	(\$1,045,694)	\$0	\$8,310,848
14	SPACE COAST	\$210,493	\$2,771,824	\$1,603,410	(\$455,708)	\$0	\$3,919,525
15	MARTIN SOLAR	\$311,412 ⁽⁷⁾	\$19,294,350	\$487,846	\$6,615,623	\$0	\$26,397,818
16	Total	\$977,307	\$27,992,398	\$5,521,574	\$5,114,221	\$0	\$39,605,499

- (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.