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September 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 August 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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:21561519

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 September 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: August 2023

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	17,532	(64)	(17)	0
2	16,460	(63)	(17)	0
3	15,705	(63)	(18)	0
4	15,187	(64)	(18)	0
5	14,966	(64)	(18)	0
6	15,171	(63)	(18)	0
7	15,674	(63)	(18)	0
8	16,097	778	150	0
9	17,526	5,356	1,011	0
10	19,460	8,392	2,114	0
11	21,368	10,265	3,375	0
12	23,004	11,247	4,187	0
13	24,224	11,675	4,799	0
14	25,101	11,187	5,182	0
15	25,611	10,464	4,469	0
16	25,742	8,502	4,073	0
17	25,675	7,284	2,859	0
18	25,258	6,554	1,693	0
19	24,466	4,686	660	0
20	23,464	1,507	132	0
21	22,814	(0)	(29)	0
22	21,769	(68)	(17)	0
23	20,449	(64)	(16)	0
24	18,902	(63)	(16)	0

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,015	16.2%	0.02%	15,152,491
2	SPACE COAST	10	1,070	14.4%	0.01%	
3	MARTIN SOLAR	0	0	0.0%	0.00%	
4	Total	35	4,085	15.7%	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	24,393	\$3.97	621	\$103.21	0	\$0.00
6	SPACE COAST	8,914	\$3.97	179	\$103.21	0	\$0.00
7	MARTIN SOLAR	0	\$3.97	0	\$103.21	0	\$0.00
8	Total	33,308	\$132,148	800	\$82,553.91	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,738	0.79	0.01	0.00
10	SPACE COAST	613	0.26	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	2,351	1.05	0.01	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$147,504	\$639,673	\$381,061	(\$116,188)	\$0	\$1,052,050
14	SPACE COAST	\$14,291	\$299,033	\$178,157	(\$50,634)	\$0	\$440,846
15	MARTIN SOLAR	\$975 ⁽⁷⁾	\$2,086,880 ⁽⁸⁾	\$0	\$821,258 ⁽⁹⁾	\$0	\$2,909,114
16	Total	\$162,770	\$3,025,586	\$559,218	\$654,436	\$0	\$4,402,010

- (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 are related to dismantlement will be adjusted in September 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 - August) 2023

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	25,167	17.3%	0.03%	97,025,947
2 SPACE COAST	10	9,559	16.4%	0.01%	
3 MARTIN SOLAR	75	(4)	0.0%	0.00%	
4 Total	110	34,722	5.4%	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	198,923	\$4.31	981	\$103.33	0	\$0.00
6 SPACE COAST	75,019	\$4.31	300	\$103.33	0	\$0.00
7 MARTIN SOLAR	(56)	\$4.31	0	\$103.33	0	\$0.00
8 Total	273,887	\$1,180,863	1,281	\$132,356.12	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	12,238	4.6	0.1	0.0
10 SPACE COAST	4,581	1.7	0.0	0.0
11 MARTIN SOLAR	(3)	0.0	0.0	0.0
12 Total	16,816	6.3	0.1	0.0

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$431,530	\$5,196,445	\$3,049,153	(\$929,506)	\$0	\$7,747,622
14 SPACE COAST	\$193,118	\$2,307,159	\$1,425,253	(\$405,074)	\$0	\$3,520,456
15 MARTIN SOLAR	\$313,362 ⁽⁷⁾	\$16,903,999 ⁽⁸⁾	\$487,846 ⁽⁷⁾	\$5,794,365 ⁽⁹⁾	\$0	\$23,499,572
16 Total	\$938,010	\$24,407,602	\$4,962,252	\$4,459,785	\$0	\$34,767,649

- (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 are related to January 2023 business, O&M costs are related to January 2023 business and August 2023 dismantlement. August 2023 dismantlement costs will be adjusted in September 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.