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May 19, 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 April 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

700 Universe Boulevard, Juno Beach, FL 33408

:21337112

**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 19th day of May 2023 to the following:

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By: s/ Maria Jose Moncada  
Maria Jose Moncada  
Florida Bar No. 0773301

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

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,158	(57)	(18)	NA
2	12,142	(57)	(18)	NA
3	11,458	(57)	(18)	NA
4	11,031	(56)	(18)	NA
5	10,904	(56)	(18)	NA
6	11,212	(56)	(18)	NA
7	11,986	(56)	(18)	NA
8	12,602	740	217	NA
9	13,759	5,314	1,284	NA
10	15,193	8,814	2,590	NA
11	16,427	10,509	3,928	NA
12	17,437	11,479	5,190	NA
13	18,282	11,587	5,859	NA
14	19,020	11,875	5,903	NA
15	19,574	11,327	5,570	NA
16	20,013	10,380	5,020	NA
17	20,244	9,080	3,497	NA
18	20,127	8,787	2,060	NA
19	19,592	5,896	853	NA
20	18,729	699	85	NA
21	18,346	(68)	(23)	NA
22	17,566	(59)	(18)	NA
23	16,239	(59)	(17)	NA
24	14,610	(58)	(18)	NA

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

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)
1 DESOTO	25	3,175	17.6%	0.03%	11,115,172
2 SPACE COAST	10	1,256	17.4%	0.01%	
3 MARTIN SOLAR	0	0	0.0%	0.00%	
4 Total	35	4,431	17.6%	0.04%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)
5 DESOTO	24,860	\$3.76	28	\$97.94	0	\$0.00
6 SPACE COAST	9,604	\$3.76	1	\$97.94	0	\$0.00
7 MARTIN SOLAR	0	\$3.76	0	\$97.94	0	\$0.00
8 Total	34,464	\$129,753	29	\$2,828.13	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	1,485	0.52	0.01	0.00
10 SPACE COAST	569	0.20	0.00	0.00
11 MARTIN SOLAR	0	0.00	0.00	0.00
12 Total	2,054	0.73	0.01	0.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$62,650	\$650,851	\$381,151	(\$116,188)	\$0	\$978,464
14 SPACE COAST	\$26,222	\$304,323	\$178,157	(\$50,634)	\$0	\$458,068
15 MARTIN SOLAR	\$24,365 <sup>(7)</sup>	\$2,116,630 <sup>(8)</sup>	\$0	\$821,258 <sup>(9)</sup>	\$0	\$2,962,253
16 Total	\$113,238	\$3,071,804	\$559,308	\$654,436	\$0	\$4,398,785

- (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 cost shown are related to January 2023 and April 2023. April costs were booked in error and the correction will be made in May.  
(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 - April) 2023

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	12,023	16.7%	0.03%	41,548,688
2	SPACE COAST	10	4,928	17.1%	0.01%	
3	MARTIN SOLAR	75	(4)	0.0%	0.00%	
4	Total	110	16,947	5.3%	0.04%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	92,726	\$4.77	117	\$106.32	0	\$0.00
6	SPACE COAST	37,678	\$4.77	28	\$106.32	0	\$0.00
7	MARTIN SOLAR	(56)	\$4.77	0	\$106.32	0	\$0.00
8	Total	130,348	\$621,972	146	\$15,496.75	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	5,541	2.00	0.03	0.00
10	SPACE COAST	2,242	0.81	0.01	0.00
11	MARTIN SOLAR	(3)	0.00	0.00	0.00
12	Total	7,780	2.81	0.04	0.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$174,460	\$2,620,595	\$1,524,735	(\$464,753)	\$0	\$3,855,037
14	SPACE COAST	\$94,695	\$1,225,356	\$712,627	(\$202,537)	\$0	\$1,830,140
15	MARTIN SOLAR	\$347,148 <sup>(7)</sup>	\$8,516,511 <sup>(8)</sup>	\$487,846 <sup>(7)</sup>	\$2,509,332 <sup>(9)</sup>	\$0	\$11,860,837
16	Total	\$616,303	\$12,362,461	\$2,725,208	\$1,842,042	\$0	\$17,546,015

- (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 cost shown are related to January 2023 and April 2023. April costs were booked in error and the correction will be made in May.
- (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.