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June 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 May 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

:21377390

**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 June 2023 to the following:

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

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

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	14,028	(59)	(18)	NA
2	12,908	(58)	(18)	NA
3	12,139	(58)	(18)	NA
4	11,644	(58)	(18)	NA
5	11,458	(57)	(18)	NA
6	11,665	(57)	(18)	NA
7	12,403	(55)	(13)	NA
8	13,102	2,407	358	NA
9	14,456	8,187	1,559	NA
10	15,995	11,391	2,969	NA
11	17,421	12,588	4,025	NA
12	18,691	12,759	5,100	NA
13	19,756	13,199	5,458	NA
14	20,597	13,247	5,902	NA
15	21,158	11,929	5,471	NA
16	21,550	10,986	4,673	NA
17	21,750	9,373	3,791	NA
18	21,635	8,637	2,354	NA
19	21,041	5,702	1,025	NA
20	20,045	1,294	211	NA
21	19,391	89	(28)	NA
22	18,467	106	(19)	NA
23	17,085	(60)	(18)	NA
24	15,516	(59)	(17)	NA

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: May 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	3,763	20.2%	0.03%	12,344,734
2	SPACE COAST	10	1,323	17.8%	0.01%	
3	MARTIN SOLAR	0	0	0.0%	0.00%	
4	Total	35	5,086	19.5%	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	28,764	\$3.79	0	\$0.00	0	\$0.00
6	SPACE COAST	9,924	\$3.79	0	\$0.00	0	\$0.00
7	MARTIN SOLAR	0	\$3.79	0	\$0.00	0	\$0.00
8	Total	38,689	\$146,528	0	\$0.00	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,701	0.61	0.01	0.00
10	SPACE COAST	587	0.21	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	2,288	0.82	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	\$53,722	\$648,185	\$381,151	(\$116,188)	\$0	\$966,869
14	SPACE COAST	\$37,043	\$302,979	\$178,157	(\$50,634)	\$0	\$467,544
15	MARTIN SOLAR	(\$35,831) <sup>(7)</sup>	\$2,108,133 <sup>(8)</sup>	\$0	\$821,258 <sup>(9)</sup>	\$0	\$2,893,560
16	Total	\$54,934	\$3,059,296	\$559,308	\$654,436	\$0	\$4,327,973

- (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) Credit balance reflects reversal of O&M expense recorded after site was retired.
- (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 - May) 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	15,786	17.4%	0.03%	53,893,422
2	SPACE COAST	10	6,251	17.2%	0.01%	
3	MARTIN SOLAR	75	(4)	0.0%	0.00%	
4	Total	110	22,033	5.5%	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	121,490	\$4.55	117	\$106.32	0	\$0.00
6	SPACE COAST	47,602	\$4.55	28	\$106.32	0	\$0.00
7	MARTIN SOLAR	(56)	\$4.55	0	\$106.32	0	\$0.00
8	Total	169,037	\$768,499	146	\$15,496.75	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	7,242	2.61	0.03	0.00
10	SPACE COAST	2,829	1.02	0.01	0.00
11	MARTIN SOLAR	(3)	0.00	0.00	0.00
12	Total	10,068	3.63	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	\$228,182	\$3,268,779	\$1,905,886	(\$580,941)	\$0	\$4,821,906
14	SPACE COAST	\$131,738	\$1,528,335	\$890,783	(\$253,171)	\$0	\$2,297,684
15	MARTIN SOLAR	\$311,317 <sup>(7)</sup>	\$10,624,644 <sup>(8)</sup>	\$487,846 <sup>(7)</sup>	\$3,330,590 <sup>(9)</sup>	\$0	\$14,754,397
16	Total	\$671,237	\$15,421,758	\$3,284,516	\$2,496,478	\$0	\$21,873,988

- (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.