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October 20, 2022

**-VIA ELECTRONIC FILING -**

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

**Re: Docket No. 20220007-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 2022, 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/ attachments)

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

**CERTIFICATE OF SERVICE**  
**Docket No. 20220007-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 2022 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 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	15,045	(55)	(18)	(151)
2	14,104	(55)	(19)	(150)
3	13,468	(55)	(19)	(158)
4	13,047	(54)	(19)	(163)
5	12,884	(55)	(19)	(173)
6	13,100	(54)	(19)	(170)
7	13,739	(54)	(19)	(233)
8	14,138	812	163	(414)
9	15,312	6,446	1,199	(905)
10	17,000	9,654	2,792	(622)
11	18,631	10,625	4,098	3,718
12	20,089	10,386	5,194	8,693
13	21,148	9,962	5,496	9,679
14	21,843	9,484	5,323	10,182
15	22,189	9,315	4,647	7,789
16	22,326	9,031	3,667	6,024
17	22,234	7,424	2,644	4,446
18	21,862	4,357	1,288	3,579
19	21,164	1,653	345	1,489
20	20,443	8	(13)	(230)
21	19,826	(58)	(22)	(216)
22	18,733	(53)	(20)	(195)
23	17,430	(53)	(19)	(170)
24	17,045	(53)	(19)	(151)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: September 2022

	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	2,657	14.8%	0.02%	12,292,890
2	SPACE COAST	10	1,099	15.3%	0.01%	
3	MARTIN SOLAR	75	1,545	2.9%	0.01%	
4	Total	110	5,301	6.7%	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	19,134	\$10.95	364	\$100.54	0	\$0.00
6	SPACE COAST	7,969	\$10.95	126	\$100.54	0	\$0.00
7	MARTIN SOLAR	11,305	\$10.95	181	\$100.54	0	\$0.00
8	Total	38,408	\$420,390	671	\$67,454	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,642	0.7	0.01	0.00
10	SPACE COAST	676	0.3	0.00	0.00
11	MARTIN SOLAR	1,173	0.5	0.01	0.00
12	Total	3,491	1.5	0.02	0.01

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$27,125	\$660,525	\$381,389	(\$116,188)	\$0	\$952,851
14	SPACE COAST	\$17,712	\$307,743	\$178,157	(\$50,634)	\$0	\$452,978
15	MARTIN SOLAR	\$255,677	\$2,137,209	\$977,725	(\$312,209)	\$0	\$3,058,402
16	Total	\$300,515	\$3,105,476	\$1,537,270	(\$479,031)	\$0	\$4,464,230

- (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.

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: Year-to-Date (January - September) 2022

	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	31,637	19.3%	0.03%	108,092,532
2	SPACE COAST	10	12,055	18.4%	0.01%	
3	MARTIN SOLAR	75	19,796	4.0%	0.02%	
4	Total	110	63,487	8.8%	0.06%	

	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	223,088	\$8.96	867	\$98.52	0	\$0.00
6	SPACE COAST	85,411	\$8.96	280	\$98.52	0	\$0.00
7	MARTIN SOLAR	142,642	\$8.96	597	\$98.52	0	\$0.00
8	Total	451,140	\$4,042,926	1,744	\$171,845	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	14,527	5.6	0.2	0.02
10	SPACE COAST	5,546	2.1	0.1	0.01
11	MARTIN SOLAR	9,096	3.5	0.2	0.01
12	Total	29,168	11.2	0.4	0.03

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$478,974	\$5,899,241	\$3,432,935	(\$1,045,694)	\$0	\$8,765,456
14	SPACE COAST	\$123,263	\$2,756,496	\$1,603,410	(\$455,708)	\$0	\$4,027,461
15	MARTIN SOLAR	\$2,918,490	\$19,022,627	\$8,800,762	(\$2,809,879)	\$0	\$27,932,000
16	Total	\$3,520,727	\$27,678,364	\$13,837,107	(\$4,311,281)	\$0	\$40,724,917

- (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.