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December 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 November 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)

**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 December 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: November 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,516	(51)	(18)	(165)
2	11,760	(50)	(18)	(168)
3	11,247	(51)	(18)	(169)
4	10,958	(51)	(18)	(176)
5	10,925	(50)	(18)	(175)
6	11,272	(50)	(18)	(178)
7	12,077	(53)	(18)	(236)
8	12,899	868	300	(406)
9	14,127	3,563	1,384	(711)
10	15,403	5,420	2,383	(747)
11	16,466	6,043	3,320	(355)
12	17,322	6,206	3,878	60
13	18,041	6,198	3,911	503
14	18,502	6,227	3,704	746
15	18,749	5,925	3,208	427
16	18,732	5,383	2,433	317
17	18,433	3,322	1,118	357
18	18,138	760	247	13
19	17,999	(20)	(8)	(250)
20	17,366	(55)	(19)	(225)
21	16,572	(53)	(18)	(201)
22	15,675	(53)	(18)	(196)
23	14,675	(54)	(18)	(178)
24	13,887	(53)	(18)	(152)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: November 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	1,478	8.2%	0.01%	10,603,077
2	SPACE COAST	10	770	10.7%	0.01%	
3	MARTIN SOLAR	75	(68)	-0.1%	0.00%	
4	Total	110	2,180	2.8%	0.02%	

	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	12,010	\$7.11	51	\$102.46	0	\$0.00
6	SPACE COAST	6,227	\$7.11	18	\$102.46	0	\$0.00
7	MARTIN SOLAR	(415)	\$7.11	(15)	\$102.46	0	\$0.00
8	Total	17,821	\$126,662	54	\$5,503	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	736	0.27	0.00	0.00
10	SPACE COAST	377	0.13	0.00	0.00
11	MARTIN SOLAR	(32)	(0.02)	0.00	0.00
12	Total	1,081	0.38	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	\$80,695	\$648,321	\$381,390	(\$116,188)	\$0	\$994,217
14	SPACE COAST	\$19,835	\$303,039	\$178,157	(\$50,634)	\$0	\$450,396
15	MARTIN SOLAR	\$244,620	\$2,102,225	\$977,525	(\$312,209)	\$0	\$3,012,161
16	Total	\$345,150	\$3,053,584	\$1,537,072	(\$479,031)	\$0	\$4,456,775

- (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 - November) 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	35,940	17.9%	0.03%	129,835,866
2	SPACE COAST	10	14,060	17.5%	0.01%	
3	MARTIN SOLAR	75	20,244	3.4%	0.02%	
4	Total	110	70,244	8.0%	0.05%	

	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	255,512	\$8.87	974	\$99.09	0	\$0.00
6	SPACE COAST	100,657	\$8.87	318	\$99.09	0	\$0.00
7	MARTIN SOLAR	145,967	\$8.87	605	\$99.09	0	\$0.00
8	Total	502,136	\$4,452,514	1,897	\$188,018	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	16,157	6.2	0.2	0.02
10	SPACE COAST	6,321	2.4	0.1	0.01
11	MARTIN SOLAR	8,877	3.4	0.2	0.01
12	Total	31,356	11.9	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	\$583,463	\$7,192,553	\$4,195,715	(\$1,278,070)	\$0	\$10,693,661
14	SPACE COAST	\$146,549	\$3,361,853	\$1,959,723	(\$556,977)	\$0	\$4,911,148
15	MARTIN SOLAR	\$3,481,183	\$23,214,185	\$10,755,899	(\$3,434,296)	\$0	\$34,016,971
16	Total	\$4,211,195	\$33,768,591	\$16,911,337	(\$5,269,343)	\$0	\$49,621,780

- (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.