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September 20, 2021

**-VIA ELECTRONIC FILING -**

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

**Re: Docket No. 20210007-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 2021, 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. 20210007-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 2021 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 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	14,586	(52)	(19)	(201)
2	13,712	(52)	(19)	(212)
3	13,079	(51)	(18)	(227)
4	12,671	(51)	(18)	(222)
5	12,520	(51)	(18)	(217)
6	12,744	(51)	(18)	(214)
7	13,215	(54)	(19)	(235)
8	13,628	1,454	272	(330)
9	14,877	7,585	1,539	(587)
10	16,526	10,931	3,166	217
11	18,113	12,068	4,627	4,349
12	19,520	12,500	5,989	8,391
13	20,598	12,515	6,461	11,524
14	21,332	13,374	6,038	11,833
15	21,737	12,213	5,636	10,130
16	21,851	11,727	5,166	9,573
17	21,720	9,133	3,606	9,406
18	21,330	5,439	2,341	8,663
19	20,637	2,746	990	6,600
20	19,746	507	135	2,145
21	19,179	(65)	(29)	(104)
22	18,248	(54)	(24)	(168)
23	16,998	(53)	(21)	(180)
24	15,683	(53)	(19)	(190)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: August 2021

	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	3,460	18.6%	0.03%	13,004,489
2	SPACE COAST	10	1,418	19.1%	0.01%	
3	MARTIN SOLAR	75	2,472	4.4%	0.02%	
4	Total	110	7,350	9.0%	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	26,282	\$5.38	59	\$74.97	0	N/A
6	SPACE COAST	10,809	\$5.38	26	\$74.97	0	N/A
7	MARTIN SOLAR	21,025	\$5.38	80	\$74.97	0	N/A
8	Total	58,116	\$312,657	165	\$12,336	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,254	1.7	0.3	0.03
10	SPACE COAST	1,097	0.6	0.1	0.01
11	MARTIN SOLAR	2,623	1.3	0.3	0.02
12	Total	6,974	3.6	0.6	0.05

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$62,657	\$656,998	\$432,562	(\$148,208)	\$0	\$1,004,008
14	SPACE COAST	\$9,656	\$307,091	\$194,936	(\$62,871)	\$0	\$448,812
15	MARTIN SOLAR	\$243,522	\$2,092,622	\$1,031,008	(\$402,196)	\$0	\$2,964,956
16	Total	\$315,835	\$3,056,711	\$1,658,506	(\$613,275)	\$0	\$4,417,777

- (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 - August) 2021

	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	31,410	21.5%	0.04%	85,569,514
2	SPACE COAST	10	11,457	19.6%	0.01%	
3	MARTIN SOLAR	75	22,310	5.1%	0.03%	
4	Total	110	65,177	10.2%	0.08%	

	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	200,300	\$4.75	668	\$73.38	2,377	\$47.96
6	SPACE COAST	73,375	\$4.75	202	\$73.38	859	\$47.96
7	MARTIN SOLAR	150,707	\$4.75	856	\$73.38	1,721	\$47.96
8	Total	424,383	\$2,014,476	1,726	\$126,636	4,957	\$237,716

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	18,077	8.5	1.9	0.08
10	SPACE COAST	6,411	3.0	0.6	0.03
11	MARTIN SOLAR	13,744	6.7	2.3	0.05
12	Total	38,232	18.2	4.8	0.16

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$376,041	\$5,381,118	\$3,460,354	(\$1,185,664)	\$0	\$8,031,849
14	SPACE COAST	\$141,242	\$2,513,900	\$1,559,486	(\$502,968)	\$0	\$3,711,661
15	MARTIN SOLAR	\$2,661,124	\$17,056,158	\$8,242,389	(\$3,217,568)	\$0	\$24,742,103
16	Total	\$3,178,407	\$24,951,176	\$13,262,230	(\$4,906,200)	\$0	\$36,485,612

- (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.