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August 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 July 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 August 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: July 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,935	(57)	(19)	(126)
2	13,030	(57)	(18)	(161)
3	12,380	(56)	(18)	(148)
4	11,960	(56)	(18)	(130)
5	11,783	(55)	(18)	(135)
6	11,948	(56)	(19)	(131)
7	12,326	(54)	(15)	(150)
8	12,941	2,800	419	(302)
9	14,407	9,495	1,609	(361)
10	16,056	12,870	3,302	1,422
11	17,617	14,251	4,680	9,342
12	18,954	15,087	5,770	14,058
13	19,936	14,772	6,310	16,273
14	20,612	14,710	6,082	17,000
15	20,973	12,786	5,010	15,756
16	21,014	11,304	4,509	12,081
17	20,886	9,848	3,527	10,063
18	20,498	8,475	2,213	7,972
19	19,869	5,735	1,029	6,473
20	18,998	1,958	228	3,845
21	18,382	(22)	(24)	(52)
22	17,650	(63)	(25)	(112)
23	16,531	(59)	(22)	(114)
24	15,243	(58)	(20)	(134)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: July 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	4,138	22.2%	0.03%	12,671,933
2	SPACE COAST	10	1,379	18.5%	0.01%	
3	MARTIN SOLAR	75	3,479	6.2%	0.03%	
4	Total	110	8,996	11.0%	0.07%	

	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	16,884	\$5.05	77	\$74.89	1,243	\$48.55
6	SPACE COAST	5,536	\$5.05	19	\$74.89	427	\$48.55
7	MARTIN SOLAR	18,781	\$5.05	88	\$74.89	825	\$48.55
8	Total	41,200	\$207,991	184	\$13,743	2,494	\$121,062

	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	\$64,878	\$665,513	\$432,565	(\$148,208)	\$0	\$1,014,748
14	SPACE COAST	\$29,498	\$311,022	\$194,936	(\$62,871)	\$0	\$472,585
15	MARTIN SOLAR	\$373,325	\$2,117,273	\$1,030,836	(\$402,196)	\$0	\$3,119,239
16	Total	\$467,701	\$3,093,808	\$1,658,338	(\$613,275)	\$0	\$4,606,571

- (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 - July) 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	27,950	22.0%	0.04%	72,565,025
2	SPACE COAST	10	10,039	19.7%	0.01%	
3	MARTIN SOLAR	75	19,838	5.2%	0.03%	
4	Total	110	57,827	10.3%	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	174,018	\$4.65	610	\$73.21	2,377	\$47.96
6	SPACE COAST	62,566	\$4.65	177	\$73.21	859	\$47.96
7	MARTIN SOLAR	129,682	\$4.65	775	\$73.21	1,721	\$47.96
8	Total	366,267	\$1,701,819	1,561	\$114,299	4,957	\$237,716

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	14,823	6.8	1.7	0.05
10	SPACE COAST	5,314	2.4	0.5	0.02
11	MARTIN SOLAR	11,120	5.3	2.0	0.04
12	Total	31,258	14.6	4.1	0.11

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$313,385	\$4,724,119	\$3,027,792	(\$1,037,456)	\$0	\$7,027,840
14	SPACE COAST	\$131,586	\$2,206,809	\$1,364,551	(\$440,097)	\$0	\$3,262,849
15	MARTIN SOLAR	\$2,417,601	\$14,963,536	\$7,211,381	(\$2,815,372)	\$0	\$21,777,147
16	Total	\$2,862,572	\$21,894,465	\$11,603,724	(\$4,292,925)	\$0	\$32,067,836

- (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.