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January 20, 2021

**-VIA ELECTRONIC FILING-**

Adam Teitzman  
Division of 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 December 2020, 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.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

*s/ Maria Jose Moncada*  
\_\_\_\_\_  
Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record

**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 January 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: December 2020

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,715	(48)	(20)	(205)
2	9,201	(48)	(20)	(207)
3	8,911	(48)	(21)	(205)
4	8,817	(49)	(21)	(199)
5	8,950	(51)	(21)	(192)
6	9,446	(53)	(21)	(205)
7	10,317	(55)	(22)	(263)
8	11,218	996	138	(356)
9	12,049	8,004	1,938	(448)
10	12,631	11,035	3,927	(608)
11	12,960	12,396	5,393	(72)
12	13,132	11,749	5,292	1,110
13	13,266	11,180	5,717	2,097
14	13,288	10,691	5,522	3,008
15	13,248	10,098	4,702	3,735
16	13,150	8,686	3,382	4,140
17	13,073	4,974	1,020	4,984
18	13,461	242	8	1,188
19	14,016	(55)	(30)	(217)
20	13,612	(51)	(25)	(220)
21	13,041	(50)	(22)	(223)
22	12,338	(50)	(21)	(218)
23	11,505	(49)	(21)	(209)
24	10,565	(49)	(20)	(206)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: December 2020

	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	2,771	14.9%	0.03%	8,798,500
2	SPACE COAST	10	1,139	15.3%	0.01%	
3	MARTIN SOLAR	75	496	0.9%	0.01%	
4	Total	110	4,407	5.4%	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	19,090	\$4.86	0	\$0.00	49	\$46.34
6	SPACE COAST	7,901	\$4.86	0	\$0.00	14	\$46.34
7	MARTIN SOLAR	3,447	\$4.86	0	\$0.00	6	\$46.34
8	Total	30,439	\$147,816	0	\$0	70	\$3,222

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,216	0.5	0.01	0.00
10	SPACE COAST	492	0.2	0.00	0.00
11	MARTIN SOLAR	214	0.1	0.00	0.00
12	Total	1,922	0.7	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	\$41,033	\$687,696	\$432,520	(\$148,208)	\$0	\$1,013,041
14	SPACE COAST	\$21,626	\$320,830	\$194,920	(\$62,871)	\$0	\$474,505
15	MARTIN SOLAR	\$326,154	\$2,161,955	\$1,028,614	(\$402,196)	\$0	\$3,114,526
16	Total	\$388,812	\$3,170,480	\$1,656,055	(\$613,275)	\$0	\$4,602,073

- (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 - December) 2020

	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	43,355	19.8%	0.03%	129,007,780
2	SPACE COAST	10	15,937	18.2%	0.01%	
3	MARTIN SOLAR	75	29,714	4.5%	0.02%	
4	Total	110	89,006	9.2%	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	294,055	\$3.49	601	\$74.02	3,892	\$46.59
6	SPACE COAST	109,183	\$3.49	207	\$74.02	1,387	\$46.59
7	MARTIN SOLAR	185,641	\$3.49	460	\$74.02	4,595	\$46.59
8	Total	588,879	\$2,058,094	1,267	\$93,817	9,874	\$460,000

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	24,573	11.3	1.7	0.08
10	SPACE COAST	9,011	4.1	0.6	0.03
11	MARTIN SOLAR	19,356	9.4	1.4	0.10
12	Total	52,940	24.9	3.8	0.21

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$557,431	\$8,526,218	\$5,195,888	(\$1,778,496)	\$0	\$12,501,041
14	SPACE COAST	\$198,138	\$3,972,369	\$2,343,381	(\$754,452)	\$0	\$5,759,437
15	MARTIN SOLAR	\$4,861,127	\$26,572,975	\$12,335,271	(\$4,826,352)	\$0	\$38,943,020
16	Total	\$5,616,696	\$39,071,562	\$19,874,540	(\$7,359,300)	\$0	\$57,203,498

- (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.