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November 19, 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 October 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 19th day of November 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: October 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,505	(64)	(19)	(210)
2	11,668	(63)	(18)	(215)
3	11,089	(62)	(18)	(226)
4	10,722	(61)	(18)	(219)
5	10,620	(61)	(18)	(218)
6	10,914	(62)	(18)	(212)
7	11,574	(63)	(17)	(227)
8	12,010	163	72	(322)
9	12,898	5,331	1,555	(521)
10	14,316	10,377	3,617	(640)
11	15,622	12,359	4,941	1,190
12	16,733	13,388	6,000	4,818
13	17,635	13,602	6,894	7,145
14	18,323	13,148	6,556	8,736
15	18,809	11,344	5,743	8,278
16	19,061	10,638	4,910	8,215
17	19,081	9,916	3,537	6,754
18	18,736	7,325	1,824	5,708
19	17,989	990	180	2,410
20	17,594	(86)	(25)	(194)
21	16,817	(70)	(22)	(234)
22	15,874	(68)	(19)	(202)
23	14,753	(67)	(19)	(207)
24	13,509	(57)	(18)	(209)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,342	18.0%	0.03%	11,311,328
2	SPACE COAST	10	1,414	19.0%	0.01%	
3	MARTIN SOLAR	75	1,525	2.7%	0.01%	
4	Total	110	6,281	7.7%	0.06%	

	Natural Gas Displaced (MCF)	⁽²⁾ Cost of NG (\$/MCF)	Oil Displaced (Bbls)	⁽²⁾ Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	⁽³⁾ Cost of Coal (\$/Ton)	
5	DESOTO	24,040	\$7.27	145	\$74.97	0	\$0.00
6	SPACE COAST	10,189	\$7.27	54	\$74.97	0	\$0.00
7	MARTIN SOLAR	11,739	\$7.27	56	\$74.97	0	\$0.00
8	Total	45,968	\$334,002	255	\$19,134	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,494	0.7	0.3	0.00
10	SPACE COAST	629	0.3	0.1	0.00
11	MARTIN SOLAR	724	0.3	0.1	0.00
12	Total	2,847	1.2	0.6	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$26,507	\$650,723	\$432,504	(\$148,208)	\$0	\$961,526
14	SPACE COAST	\$10,533	\$304,290	\$194,936	(\$62,871)	\$0	\$446,888
15	MARTIN SOLAR	\$328,947	\$2,077,262	\$1,030,830	(\$402,196)	\$0	\$3,034,844
16	Total	\$365,986	\$3,032,276	\$1,658,271	(\$613,275)	\$0	\$4,443,258

- (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 - October) 2021

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	38,082	20.9%	0.04%	108,600,866
2	SPACE COAST	10	14,190	19.4%	0.01%	
3	MARTIN SOLAR	75	26,945	4.9%	0.02%	
4	Total	110	79,216	9.9%	0.07%	

	Natural Gas Displaced (MCF)	⁽²⁾ Cost of NG (\$/MCF)	Oil Displaced (Bbls)	⁽²⁾ Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	⁽³⁾ Cost of Coal (\$/Ton)	
5	DESOTO	249,926	\$5.12	887	\$73.75	2,377	\$47.96
6	SPACE COAST	93,704	\$5.12	284	\$73.75	859	\$47.96
7	MARTIN SOLAR	188,788	\$5.12	1,074	\$73.75	1,721	\$47.96
8	Total	532,418	\$2,724,545	2,246	\$165,636	4,957	\$237,716

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	19,445	8.8	2.3	0.05
10	SPACE COAST	7,207	3.2	0.8	0.02
11	MARTIN SOLAR	14,762	6.9	2.7	0.04
12	Total	41,414	18.9	5.8	0.11

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$457,167	\$6,685,701	\$4,325,405	(\$1,482,080)	\$0	\$9,986,193
14	SPACE COAST	\$170,819	\$3,123,881	\$1,949,358	(\$628,710)	\$0	\$4,615,348
15	MARTIN SOLAR	\$3,262,970	\$21,218,379	\$10,304,131	(\$4,021,960)	\$0	\$30,763,521
16	Total	\$3,890,957	\$31,027,962	\$16,578,894	(\$6,132,750)	\$0	\$45,365,063

- (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.