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May 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 April 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 May 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: April 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,059	(49)	(19)	(197)
2	10,203	(49)	(19)	(195)
3	9,651	(48)	(19)	(184)
4	9,340	(48)	(18)	(179)
5	9,273	(48)	(19)	(172)
6	9,607	(50)	(19)	(170)
7	10,296	(53)	(19)	(299)
8	10,986	1,632	193	(445)
9	12,081	9,999	1,560	(564)
10	13,325	14,593	3,175	558
11	14,389	16,699	4,699	7,168
12	15,269	16,292	6,074	12,919
13	15,959	15,966	6,880	15,816
14	16,532	16,334	7,044	16,780
15	16,976	15,709	6,684	16,026
16	17,315	15,657	5,796	14,376
17	17,501	14,849	4,198	13,083
18	17,425	13,024	2,783	11,282
19	16,901	8,139	1,129	10,837
20	16,089	1,006	129	5,571
21	15,718	(64)	(28)	205
22	14,816	(54)	(24)	(203)
23	13,643	(52)	(21)	(195)
24	12,284	(50)	(20)	(203)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,780	26.6%	0.05%	9,974,237
2	SPACE COAST	10	1,504	20.9%	0.02%	
3	MARTIN SOLAR	75	3,649	6.8%	0.04%	
4	Total	110	9,932	12.5%	0.10%	

	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	28,243	\$4.24	0	\$0.00	312	\$49.64
6	SPACE COAST	8,706	\$4.24	0	\$0.00	105	\$49.64
7	MARTIN SOLAR	20,980	\$4.24	0	\$0.00	340	\$49.64
8	Total	57,930	\$245,691	0	\$0	758	\$37,606

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,228	0.9	0.03	0.01
10	SPACE COAST	702	0.3	0.01	0.00
11	MARTIN SOLAR	1,849	0.8	0.03	0.01
12	Total	4,779	2.0	0.08	0.02

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$31,099	\$677,733	\$432,535	(\$148,208)	\$0	\$993,159
14	SPACE COAST	\$10,206	\$316,591	\$194,936	(\$62,871)	\$0	\$458,862
15	MARTIN SOLAR	\$383,898	\$2,148,071	\$1,030,530	(\$402,196)	\$0	\$3,160,303
16	Total	\$425,203	\$3,142,395	\$1,658,001	(\$613,275)	\$0	\$4,612,324

- (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 - April) 2021

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	15,011	20.8%	0.04%	37,034,066
2	SPACE COAST	10	5,667	19.7%	0.02%	
3	MARTIN SOLAR	75	9,786	4.5%	0.03%	
4	Total	110	30,464	9.6%	0.08%	

	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	91,941	\$4.70	130	\$72.99	968	\$47.81
6	SPACE COAST	34,901	\$4.70	48	\$72.99	363	\$47.81
7	MARTIN SOLAR	55,472	\$4.70	189	\$72.99	951	\$47.81
8	Total	182,314	\$857,446	368	\$26,830	2,283	\$109,144

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	7,221	3.1	0.4	0.02
10	SPACE COAST	2,733	1.2	0.2	0.01
11	MARTIN SOLAR	5,070	2.3	0.5	0.02
12	Total	15,024	6.7	1.1	0.05

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$141,104	\$2,729,990	\$1,730,139	(\$592,832)	\$0	\$4,008,401
14	SPACE COAST	\$49,218	\$1,274,874	\$779,743	(\$251,484)	\$0	\$1,852,350
15	MARTIN SOLAR	\$1,351,522	\$8,626,568	\$4,119,196	(\$1,608,784)	\$0	\$12,488,502
16	Total	\$1,541,844	\$12,631,432	\$6,629,078	(\$2,453,100)	\$0	\$18,349,254

- (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.