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February 20, 2023

-VIA ELECTRONIC FILING-

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

Re: Docket No. 20230007-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 January 2023, 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. 20230007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of February 2023 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: January 2023

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,268	(53)	(20)	(109)
2	10,645	(53)	(20)	(118)
3	10,306	(53)	(20)	(125)
4	10,168	(53)	(20)	(128)
5	10,283	(54)	(21)	(129)
6	10,844	(54)	(21)	(149)
7	11,939	(54)	(21)	(252)
8	12,900	405	60	(405)
9	13,761	5,112	1,640	(638)
10	14,338	8,607	3,310	(674)
11	14,703	9,640	4,779	(529)
12	14,968	9,618	5,518	(27)
13	15,196	9,821	5,882	286
14	15,343	10,228	5,737	738
15	15,445	9,736	4,755	886
16	15,553	8,709	3,350	1,098
17	15,580	6,293	1,710	1,117
18	15,601	1,262	120	(73)
19	16,038	18	(29)	(209)
20	15,717	(55)	(21)	(173)
21	15,040	(53)	(20)	(147)
22	14,246	(53)	(19)	(122)
23	13,306	(53)	(20)	(136)
24	12,203	(53)	(20)	(111)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: January 2023

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,443	13.1%	0.02%	10,065,930
2	SPACE COAST	10	1,134	15.2%	0.01%	
3	MARTIN SOLAR	75	(4)	0.0%	0.00%	
4	Total	110	3,573	4.4%	0.04%	

	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	17,711	\$6.76	0.0	\$0.00	0	\$0.00
6	SPACE COAST	8,167	\$6.76	0.0	\$0.00	0	\$0.00
7	MARTIN SOLAR	(56)	\$6.76	0.0	\$0.00	0	\$0.00
8	Total	25,822	\$174,567	0.0	\$0	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,046	0.39	0.01	0.00
10	SPACE COAST	482	0.18	0.00	0.00
11	MARTIN SOLAR	(3)	(0.00)	(0.00)	0.00
12	Total	1,526	0.6	0.0	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$59,142	\$659,494	\$381,276	(\$116,188)	\$0	\$983,724
14	SPACE COAST	\$25,355	\$308,355	\$178,157	(\$50,634)	\$0	\$461,232
15	MARTIN SOLAR	\$263,044	\$2,142,204	\$487,728	\$45,557	\$0	\$2,938,533
16	Total	\$347,540	\$3,110,053	\$1,047,162	(\$121,265)	\$0	\$4,383,490

- ⁽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 - January) 2023

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	2,443	13.1%	10,065,930
2	SPACE COAST	10	1,134	15.2%	
3	MARTIN SOLAR	75	(4)	0.0%	
4	Total	110	3,573	4.4%	

	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	17,711	\$6.76	0.0	\$0.00	0	\$0.00
6	SPACE COAST	8,167	\$6.76	0.0	\$0.00	0	\$0.00
7	MARTIN SOLAR	(56)	\$6.76	0.0	\$0.00	0	\$0.00
8	Total	25,822	\$174,567	0.0	\$0	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,046	0.4	0.0	0.00
10	SPACE COAST	482	0.2	0.0	0.00
11	MARTIN SOLAR	-3	0.0	0.0	0.00
12	Total	1,526	0.6	0.0	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$59,142	\$659,494	\$381,276	(\$116,188)	\$0	\$983,724
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- (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.