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July 20, 2022

-VIA ELECTRONIC FILING -

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

Re: Docket No. 20220007-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 June 2022, 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. 20220007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of July 2022 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: June 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,922	(54)	(18)	(142)
2	12,943	(54)	(18)	(141)
3	11,929	(55)	(18)	(142)
4	11,820	(54)	(18)	(139)
5	11,634	(54)	(18)	(134)
6	11,761	(54)	(17)	(147)
7	12,203	(0)	1	(315)
8	12,910	3,320	446	(323)
9	14,375	8,452	1,617	(236)
10	16,023	10,637	3,071	983
11	17,641	12,292	4,380	4,863
12	19,050	12,530	4,812	7,572
13	20,064	12,595	5,833	11,167
14	20,820	12,049	5,804	10,466
15	21,210	11,036	4,739	9,708
16	21,295	9,362	4,228	11,339
17	21,067	8,845	3,396	8,374
18	20,880	5,560	2,143	6,368
19	20,141	3,960	1,114	5,269
20	19,335	1,376	289	3,345
21	18,629	(50)	(24)	(183)
22	17,880	(82)	(24)	(195)
23	16,653	(79)	(22)	(169)
24	15,250	(78)	(20)	(147)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: June 2022

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,342	18.6%	0.03%	13,082,797
2	SPACE COAST	10	1,250	17.4%	0.01%	
3	MARTIN SOLAR	75	2,311	4.3%	0.02%	
4	Total	110	6,904	8.7%	0.05%	

	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	22,928	\$10.20	0	\$0.00	0	\$0.00
6	SPACE COAST	8,610	\$10.20	0	\$0.00	0	\$0.00
7	MARTIN SOLAR	16,945	\$10.20	0	\$0.00	0	\$0.00
8	Total	48,483	\$494,648	0	\$0	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,937	0.83	0.10	0.01
10	SPACE COAST	725	0.32	0.04	0.00
11	MARTIN SOLAR	956	0.41	0.14	0.00
12	Total	3,618	1.56	0.27	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$60,735	\$651,662	\$381,389	\$116,188	\$0	\$1,209,975
14	SPACE COAST	\$20,734	\$304,585	\$178,157	\$50,634	\$0	\$554,110
15	MARTIN SOLAR	\$338,061	\$2,104,185	\$977,885	\$312,209	\$0	\$3,732,340
16	Total	\$419,530	\$3,060,432	\$1,537,431	\$479,031	\$0	\$5,496,425

- (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 - June) 2022

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	21,922	20.2%	67,182,383
2	SPACE COAST	10	8,074	18.6%	
3	MARTIN SOLAR	75	13,659	4.2%	
4	Total	110	43,656	9.1%	

	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	150,502	\$8.05	0	\$87.82	0	\$0.00
6	SPACE COAST	55,218	\$8.05	0	\$87.82	0	\$0.00
7	MARTIN SOLAR	95,953	\$8.05	0	\$87.82	0	\$0.00
8	Total	301,673	\$2,429,047	0	\$15	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	9,482	3.5	0.1	0.01
10	SPACE COAST	3,481	1.3	0.1	0.00
11	MARTIN SOLAR	5,629	2.1	0.2	0.00
12	Total	18,592	6.9	0.3	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$301,716	\$3,943,481	\$2,288,768	(\$464,753)	\$0	\$6,069,211
14	SPACE COAST	\$74,875	\$1,843,392	\$1,068,940	(\$202,537)	\$0	\$2,784,671
15	MARTIN SOLAR	\$2,058,689	\$12,697,849	\$5,867,320	(\$1,248,835)	\$0	\$19,375,023
16	Total	\$2,435,280	\$18,484,722	\$9,225,027	(\$1,916,125)	\$0	\$28,228,905

- (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.