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August 22, 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 July 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

:9563448

Attachments
cc: Counsel for Parties of Record (w/ attachments)

Florida Power & Light Company

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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 22nd day of August 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: July 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	15,889	(60)	(18)	(167)
2	14,862	(60)	(18)	(160)
3	14,106	(60)	(18)	(159)
4	13,606	(60)	(17)	(156)
5	13,345	(60)	(17)	(150)
6	13,393	(59)	(17)	(150)
7	13,619	(59)	(2)	(328)
8	14,303	2,973	458	(634)
9	15,849	9,492	1,786	(997)
10	17,693	11,696	3,286	349
11	19,428	12,130	4,533	5,183
12	20,984	12,751	5,685	10,518
13	22,157	12,292	6,338	13,021
14	23,003	12,646	6,844	12,034
15	23,555	12,306	6,681	8,483
16	23,686	10,959	5,003	7,646
17	23,693	9,787	3,977	6,663
18	23,283	7,472	2,899	4,925
19	22,653	5,140	1,212	4,511
20	21,535	1,577	271	3,484
21	20,748	3	(25)	230
22	19,988	(65)	(23)	(172)
23	18,719	(62)	(20)	(210)
24	17,430	(61)	(18)	(174)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,739	20.1%	0.03%	14,405,398
2	SPACE COAST	10	1,512	20.3%	0.01%	
3	MARTIN SOLAR	75	2,281	4.1%	0.02%	
4	Total	110	7,533	9.2%	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	29,523	\$9.24	24	\$100.40	0	\$0.00
6	SPACE COAST	11,976	\$9.24	7	\$100.40	0	\$0.00
7	MARTIN SOLAR	18,673	\$9.24	27	\$100.40	0	\$0.00
8	Total	60,172	\$555,714	58	\$5,872	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,760	0.6	0.0	0.00
10	SPACE COAST	713	0.2	0.0	0.00
11	MARTIN SOLAR	1,120	0.4	0.0	0.00
12	Total	3,593	1.2	0.0	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$41,207	\$648,858	\$381,389	(\$116,188)	\$0	\$955,265
14	SPACE COAST	\$14,594	\$303,297	\$178,157	(\$50,634)	\$0	\$445,413
15	MARTIN SOLAR	\$280,222	\$2,097,193	\$977,878	(\$312,209)	\$0	\$3,043,083
16	Total	\$336,023	\$3,049,347	\$1,537,423	(\$479,031)	\$0	\$4,443,762

- (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 - July) 2022

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	25,661	20.2%	81,587,781
2	SPACE COAST	10	9,587	18.8%	
3	MARTIN SOLAR	75	15,941	4.2%	
4	Total	110	51,188	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	180,026	\$8.25	24	\$100.36	0	\$0.00
6	SPACE COAST	67,194	\$8.25	7	\$100.36	0	\$0.00
7	MARTIN SOLAR	114,626	\$8.25	27	\$100.36	0	\$0.00
8	Total	361,845	\$2,984,760	59	\$5,887	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	11,242	4.1	0.1	0.01
10	SPACE COAST	4,194	1.6	0.1	0.00
11	MARTIN SOLAR	6,749	2.5	0.2	0.00
12	Total	22,185	8.1	0.4	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$342,923	\$4,592,338	\$2,670,157	(\$580,941)	\$0	\$7,024,477
14	SPACE COAST	\$89,469	\$2,146,689	\$1,247,096	(\$253,171)	\$0	\$3,230,083
15	MARTIN SOLAR	\$2,338,911	\$14,795,042	\$6,845,197	(\$1,561,044)	\$0	\$22,418,107
16	Total	\$2,771,303	\$21,534,069	\$10,762,451	(\$2,395,156)	\$0	\$32,672,667

- (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.