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January 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:

On behalf of Florida Power & Light Company (“FPL”), attached for electronic filing in the above docket are pre-consolidation FPL’s¹ Solar Plant Operation Status Report for the month of December 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)

¹ As of January 1, 2022, FPL and the former Gulf Power Company are one consolidated ratemaking entity. The data submitted with this filing pertains only to pre-consolidation FPL.

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 January 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: December 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,099	(73)	(18)	(130)
2	9,435	(73)	(18)	(136)
3	9,020	(73)	(18)	(143)
4	8,816	(73)	(18)	(143)
5	8,833	(74)	(18)	(140)
6	9,216	(74)	(18)	(156)
7	9,986	(74)	(18)	(279)
8	10,786	935	111	(431)
9	11,862	6,647	1,868	(619)
10	12,902	9,384	3,759	(569)
11	13,708	10,470	5,327	452
12	14,311	10,990	5,778	1,985
13	14,827	10,964	6,099	3,232
14	15,230	10,635	5,913	3,722
15	15,453	10,721	4,925	4,052
16	15,485	9,601	3,253	4,024
17	15,262	5,466	978	3,665
18	15,098	554	8	642
19	15,246	(50)	(23)	(98)
20	14,622	(73)	(18)	(199)
21	13,916	(71)	(17)	(170)
22	13,127	(70)	(17)	(163)
23	12,228	(70)	(17)	(166)
24	11,113	(69)	(18)	(153)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,649	14.2%	0.03%	9,696,375
2	SPACE COAST	10	1,171	15.7%	0.01%	
3	MARTIN SOLAR	75	560	1.0%	0.01%	
4	Total	110	4,381	5.4%	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	18,227	\$6.91	0	\$0.00	117	\$51.86
6	SPACE COAST	7,957	\$6.91	0	\$0.00	54	\$51.86
7	MARTIN SOLAR	5,061	\$6.91	0	\$0.00	(5)	\$51.86
8	Total	31,245	\$215,797	0	\$0	166	\$8,628

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,287	0.5	0.01	0.00
10	SPACE COAST	568	0.2	0.01	0.00
11	MARTIN SOLAR	291	0.1	0.00	(0.00)
12	Total	2,146	0.8	0.02	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$56,409	\$644,449	\$432,491	(\$148,208)	\$0	\$985,141
14	SPACE COAST	\$8,535	\$301,489	\$194,905	(\$62,871)	\$0	\$442,058
15	MARTIN SOLAR	\$362,691	\$2,062,077	\$1,030,350	(\$402,196)	\$0	\$3,052,923
16	Total	\$427,635	\$3,008,015	\$1,657,747	(\$613,275)	\$0	\$4,480,122

- (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 - December) 2021

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	43,401	19.8%	0.03%	127,220,962
2	SPACE COAST	10	16,447	18.8%	0.01%	
3	MARTIN SOLAR	75	28,626	4.4%	0.02%	
4	Total	110	88,474	9.2%	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	287,157	\$5.37	887	\$73.75	2,492	\$48.08
6	SPACE COAST	109,363	\$5.37	284	\$73.75	913	\$48.08
7	MARTIN SOLAR	201,528	\$5.37	1,074	\$73.75	1,714	\$48.08
8	Total	598,048	\$3,209,431	2,246	\$165,628	5,119	\$246,160

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	21,855	9.7	2.3	0.05
10	SPACE COAST	8,230	3.6	0.8	0.02
11	MARTIN SOLAR	15,503	7.2	2.7	0.04
12	Total	45,588	20.4	5.8	0.11

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$620,286	\$7,977,736	\$5,190,373	(\$1,778,496)	\$0	\$12,009,898
14	SPACE COAST	\$189,389	\$3,728,259	\$2,339,199	(\$754,452)	\$0	\$5,502,396
15	MARTIN SOLAR	\$3,993,453	\$25,350,105	\$12,365,336	(\$4,826,352)	\$0	\$36,882,542
16	Total	\$4,803,129	\$37,056,100	\$19,894,908	(\$7,359,300)	\$0	\$54,394,836

- (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.