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September 20, 2024

-VIA ELECTRONIC FILING-

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

Re: Docket No. 20240007-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 August 2024 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/ attachment)

Florida Power & Light Company

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:22384436

CERTIFICATE OF SERVICE

Docket No. 20240007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of September 2024 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: August 2024

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	17,416	(65)	(22)	0
2	16,389	(66)	(21)	0
3	15,633	(66)	(21)	0
4	15,119	(66)	(21)	0
5	14,916	(66)	(21)	0
6	15,104	(63)	(21)	0
7	15,650	621	55	0
8	16,047	4,578	629	0
9	17,436	7,093	1,470	0
10	19,292	8,072	2,167	0
11	21,077	8,506	2,739	0
12	22,680	8,285	2,794	0
13	23,793	8,137	2,624	0
14	24,491	8,024	2,460	0
15	24,792	7,916	2,235	0
16	24,884	6,223	1,632	0
17	24,855	4,348	984	0
18	24,591	2,735	404	0
19	23,982	462	56	0
20	23,151	(85)	(30)	0
21	22,534	(67)	(22)	0
22	21,573	(65)	(22)	0
23	20,203	(66)	(22)	0
24	18,714	(66)	(22)	0

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: August 2024

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,302	12.4%	0.02%	14,694,144
2	SPACE COAST	10	620	8.3%	0.00%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	2,922	3.6%	0.02%	

	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	17,749	\$3.40	14	\$103.28	0	\$0.00
6	SPACE COAST	4,656	\$3.40	2	\$103.28	0	\$0.00
7	MARTIN SOLAR	0	\$3.40	0	\$103.28	0	\$0.00
8	Total	22,405	\$76,110	17	\$1,712	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,059	0.35	0.01	0.00
10	SPACE COAST	277	0.09	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	1,336	0.45	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$137,912	\$622,487	\$381,725	(\$116,188)	\$0	\$1,025,936
14	SPACE COAST	\$10,263	\$291,774	\$178,034	(\$50,634)	\$0	\$429,437
15	MARTIN SOLAR	\$0	\$2,038,004	\$0	⁽⁷⁾ \$821,262	\$0	\$2,859,266
16	Total	\$148,176	\$2,952,265	\$559,759	\$654,439	\$0	\$4,314,636

- (1) Net Generation data represents a calendar month.
- (2) Total System Net Generation from Schedule A3.
- (3) Fuel Cost per unit data from Schedule A4.
- (4) Carrying Cost data represents return on average net investment. For Martin Solar, Carrying Costs also includes return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (5) Capital cost data represents depreciation expense on net investment.
- (6) Other cost data represents dismantlement costs and amortization on ITC. For Martin Solar, Other also includes the amortization of regulatory asset.
- (7) For Martin Solar, all amortization is reflected in Other.

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: Year-to-Date (January - August) 2024

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	20,366	14.0%	0.02%	98,605,500
2	SPACE COAST	10	6,170	10.6%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	26,536	4.1%	0.03%	

	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	165,024	\$3.83	475	\$91.98	0	\$0.00
6	SPACE COAST	49,984	\$3.83	100	\$91.98	0	\$0.00
7	MARTIN SOLAR	0	\$3.83	0	\$91.98	0	\$0.00
8	Total	215,008	\$824,288	575	\$52,887	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	9,971	3.51	0.05	0.00
10	SPACE COAST	2,996	1.05	0.02	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	12,966	4.56	0.07	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$247,836	\$5,062,111	\$3,051,383	(\$929,506)	\$0	\$7,431,825
14	SPACE COAST	\$88,353	\$2,372,184	\$1,424,747	(\$405,074)	\$0	\$3,480,210
15	MARTIN SOLAR	\$0	\$16,571,816	⁽⁷⁾ \$296,410	⁽⁷⁾ \$6,273,662	\$0	\$23,141,888
16	Total	\$336,190	\$24,006,111	\$4,772,540	\$4,939,083	\$0	\$34,053,923

- (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. For Martin Solar, Carrying Costs also includes return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (5) Capital cost data represents depreciation expense on net investment.
- (6) Other cost data represents dismantlement costs and amortization on ITC. For Martin Solar, Other also includes a portion of the amortization of the regulatory asset for January through March, and the entire amount of the monthly amortization for April.
- (7) For Martin Solar, the Capital amount represents a portion of amortization for January-March. Beginning April 2024 all amortization is reflected in "Other"