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August 20, 2020

-VIA ELECTRONIC FILING-

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

Re: Docket No. 20200007-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 2020, 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.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

s/ Maria Jose Moncada
Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record

CERTIFICATE OF SERVICE
Docket No. 20200007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of August 2020 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 2020

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	14,213	(44)	(20)	(217)
2	13,270	(44)	(20)	(225)
3	12,597	(43)	(19)	(234)
4	12,155	(43)	(19)	(244)
5	11,967	(42)	(19)	(247)
6	12,108	(43)	(19)	(244)
7	12,435	(42)	(13)	(278)
8	13,036	2,755	381	(512)
9	14,548	9,645	1,586	(685)
10	16,350	12,866	3,264	1,526
11	18,025	13,935	4,394	5,293
12	19,485	14,542	5,413	9,662
13	20,635	14,280	6,252	14,616
14	21,382	14,220	5,871	19,090
15	21,761	11,968	5,598	20,098
16	21,784	10,336	4,821	19,351
17	21,562	9,124	3,362	16,815
18	21,160	7,524	2,152	12,179
19	20,452	5,083	1,031	7,924
20	19,467	1,126	267	6,644
21	18,750	(15)	(22)	528
22	17,970	(48)	(28)	(181)
23	16,755	(45)	(24)	(209)
24	15,398	(44)	(21)	(214)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: July 2020

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,935	21.2%	0.03%	12,670,523
2	SPACE COAST	10	1,369	18.4%	0.01%	
3	MARTIN SOLAR	75	4,037	7.2%	0.03%	
4	Total	110	9,342	11.4%	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	22,069	\$2.83	86	\$72.94	770	\$47.26
6	SPACE COAST	7,843	\$2.83	36	\$72.94	268	\$47.26
7	MARTIN SOLAR	21,823	\$2.83	114	\$72.94	1,081	\$47.26
8	Total	51,736	\$146,546	237	\$17,258	2,120	\$100,171

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,717	1.4	0.3	0.02
10	SPACE COAST	958	0.5	0.1	0.01
11	MARTIN SOLAR	3,269	1.7	0.4	0.02
12	Total	6,944	3.6	0.7	0.04

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$93,696	\$703,484	\$432,887	(\$148,208)	\$0	\$1,081,859
14	SPACE COAST	\$16,667	\$327,888	\$195,419	(\$62,871)	\$0	\$477,103
15	MARTIN SOLAR	\$360,295	\$2,195,240	\$1,028,031	(\$402,196)	\$0	\$3,181,371
16	Total	\$470,658	\$3,226,612	\$1,656,338	(\$613,275)	\$0	\$4,740,333

- (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) 2020

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	27,544	21.7%	0.04%	73,956,356
2	SPACE COAST	10	10,011	19.7%	0.01%	
3	MARTIN SOLAR	75	22,804	6.0%	0.03%	
4	Total	110	60,358	10.8%	0.08%	

	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	182,026	\$3.30	348	\$74.68	2,649	\$46.82
6	SPACE COAST	66,638	\$3.30	111	\$74.68	921	\$46.82
7	MARTIN SOLAR	138,102	\$3.30	320	\$74.68	3,562	\$46.82
8	Total	386,766	\$1,276,854	780	\$58,239	7,132	\$333,911

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	15,632	7.1	1.0	0.06
10	SPACE COAST	5,628	2.6	0.3	0.02
11	MARTIN SOLAR	14,652	7.1	1.0	0.07
12	Total	35,912	16.8	2.4	0.15

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$317,727	\$5,056,152	\$3,033,119	(\$1,037,456)	\$0	\$7,369,542
14	SPACE COAST	\$142,968	\$2,354,120	\$1,368,370	(\$440,097)	\$0	\$3,425,361
15	MARTIN SOLAR	\$3,006,783	\$15,696,423	\$7,194,214	(\$2,815,372)	\$0	\$23,082,048
16	Total	\$3,467,478	\$23,106,695	\$11,595,702	(\$4,292,925)	\$0	\$33,876,950

- (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.