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August 20, 2019

-VIA ELECTRONIC FILING-

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

Re: Docket No. 20190007-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 2019, 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 J. Moncada
Maria J. Moncada

Attachments

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

CERTIFICATE OF SERVICE
Docket No. 20190007-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 2019 to the following:

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By: *s/ Maria J. Moncada*
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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: July 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	14,031	(56)	(18)	(324)
2	13,069	(56)	(17)	(311)
3	12,377	(56)	(17)	(323)
4	11,925	(56)	(17)	(303)
5	11,757	(56)	(17)	(352)
6	11,964	(56)	(17)	(326)
7	12,436	(54)	(13)	(350)
8	13,073	3,436	425	(534)
9	14,541	10,396	1,832	(737)
10	16,271	13,044	3,470	(4)
11	17,922	14,286	4,940	2,702
12	19,274	14,985	6,130	5,246
13	20,311	14,788	6,277	7,344
14	21,008	14,827	6,050	7,985
15	21,309	14,535	5,428	7,368
16	21,290	12,069	4,614	5,382
17	21,062	9,086	3,370	3,756
18	20,605	6,498	2,388	2,923
19	19,967	3,752	1,342	1,953
20	19,091	1,475	299	1,153
21	18,484	(1)	(25)	644
22	17,765	(62)	(26)	(164)
23	16,586	(58)	(20)	(307)
24	15,250	(57)	(18)	(315)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: July 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,111	22.1%	0.03%	12,505,570
2	SPACE COAST	10	1,437	19.3%	0.01%	
3	MARTIN SOLAR	75	1,305	2.3%	0.01%	
4	Total	110	6,853	8.4%	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	34,227	\$3.56	116	\$72.99	204	\$43.18
6	SPACE COAST	12,363	\$3.56	50	\$72.99	68	\$43.18
7	MARTIN SOLAR	8,328	\$3.56	110	\$72.99	215	\$43.18
8	Total	54,919	\$195,477	276	\$20,113	487	\$21,037

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,440	1.1	0.3	0.00
10	SPACE COAST	875	0.4	0.1	0.00
11	MARTIN SOLAR	932	0.5	0.3	0.00
12	Total	4,247	2.0	0.7	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$68,216	\$759,599	\$433,344	(\$148,208)	\$0	\$1,112,952
14	SPACE COAST	\$54,692	\$353,124	\$195,492	(\$62,871)	\$0	\$540,437
15	MARTIN SOLAR	\$322,576	\$2,324,449	\$1,026,097	(\$402,196)	\$0	\$3,270,926
16	Total	\$445,484	\$3,437,172	\$1,654,933	(\$613,275)	\$0	\$4,924,314

- (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) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	28,837	22.7%	0.04%	72,529,759
2	SPACE COAST	10	10,246	20.1%	0.01%	
3	MARTIN SOLAR	75	19,461	5.1%	0.03%	
4	Total	110	58,544	10.5%	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	236,631	\$4.23	1,758	\$77.26	760	\$43.61
6	SPACE COAST	84,320	\$4.23	625	\$77.26	255	\$43.61
7	MARTIN SOLAR	157,891	\$4.23	820	\$77.26	648	\$43.61
8	Total	478,842	\$2,024,115	3,203	\$247,434	1,663	\$72,524

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	16,186	7.7	3.4	0.02
10	SPACE COAST	5,739	2.7	1.2	0.01
11	MARTIN SOLAR	10,876	5.0	1.9	0.02
12	Total	32,801	15.5	6.6	0.04

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$494,146	\$5,199,466	\$3,032,659	(\$1,037,456)	\$0	\$7,688,815
14	SPACE COAST	\$159,973	\$2,413,970	\$1,368,442	(\$440,097)	\$0	\$3,502,289
15	MARTIN SOLAR	\$2,091,691	\$15,841,113	\$7,182,141	(\$2,815,372)	\$0	\$22,299,573
16	Total	\$2,745,811	\$23,454,548	\$11,583,243	(\$4,292,925)	\$0	\$33,490,677

- (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.