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February 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 January 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

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 February 2019 to the following:

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By: s/ Maria J. Moncada
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Florida Bar No. 0773301

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

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,492	(49)	(21)	(306)
2	9,010	(49)	(21)	(371)
3	8,766	(49)	(21)	(390)
4	8,738	(50)	(21)	(370)
5	8,882	(51)	(21)	(364)
6	9,541	(53)	(21)	(378)
7	10,717	(55)	(22)	(445)
8	11,589	460	71	(433)
9	12,211	6,850	1,855	(503)
10	12,676	11,156	4,168	(122)
11	12,915	12,438	5,571	2,554
12	13,010	12,445	6,318	5,364
13	13,096	11,940	6,731	7,459
14	13,096	11,577	6,196	9,394
15	13,074	11,667	5,602	10,131
16	13,039	10,751	4,360	10,767
17	12,969	7,576	2,090	10,476
18	13,081	1,181	133	7,588
19	13,757	(67)	(33)	637
20	13,524	(53)	(26)	(226)
21	12,965	(52)	(22)	(252)
22	12,199	(51)	(21)	(264)
23	11,286	(50)	(21)	(276)
24	10,269	(50)	(21)	(280)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,018	16.2%	0.03%	9,048,604
2	SPACE COAST	10	1,327	17.8%	0.01%	
3	MARTIN SOLAR	75	1,841	3.3%	0.02%	
4	Total	110	6,186	7.6%	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	25,821	\$5.34	0	\$0.00	36	\$42.27
6	SPACE COAST	11,143	\$5.34	0	\$0.00	11	\$42.27
7	MARTIN SOLAR	16,240	\$5.34	0	\$0.00	25	\$42.27
8	Total	53,203	\$284,301	0	\$0	72	\$3,050

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,595	0.6	0.01	0.00
10	SPACE COAST	681	0.2	0.00	0.00
11	MARTIN SOLAR	1,007	0.3	0.01	0.00
12	Total	3,282	1.1	0.02	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$71,028	\$747,676	\$433,107	(\$148,208)	\$0	\$1,103,604
14	SPACE COAST	\$30,399	\$346,947	\$195,492	(\$62,871)	\$0	\$509,967
15	MARTIN SOLAR	\$240,387	\$2,268,720	\$1,025,771	(\$402,196)	\$0	\$3,132,681
16	Total	\$341,814	\$3,363,342	\$1,654,370	(\$613,275)	\$0	\$4,746,252

⁽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 - January) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
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- (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.