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April 22, 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 March 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 22nd day of April 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: March 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,854	(49)	(19)	(226)
2	9,090	(48)	(19)	(242)
3	8,681	(48)	(19)	(265)
4	8,445	(48)	(19)	(263)
5	8,453	(48)	(19)	(264)
6	8,897	(50)	(19)	(293)
7	9,834	(53)	(19)	(383)
8	10,612	1,532	288	(533)
9	11,419	8,604	1,814	(567)
10	12,389	13,124	3,556	995
11	13,234	15,600	5,167	6,601
12	13,845	15,667	6,388	11,755
13	14,310	15,380	6,929	12,864
14	14,687	14,857	6,706	14,018
15	14,984	13,985	6,236	16,799
16	15,232	13,420	5,292	18,907
17	15,364	12,266	4,137	18,012
18	15,234	8,779	2,249	14,598
19	14,908	4,194	695	10,623
20	14,581	238	22	7,200
21	14,288	(57)	(28)	576
22	13,420	(52)	(21)	(192)
23	12,317	(51)	(19)	(209)
24	11,002	(48)	(18)	(214)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,250	22.8%	0.05%	9,385,575
2	SPACE COAST	10	1,527	20.5%	0.02%	
3	MARTIN SOLAR	75	4,008	7.2%	0.04%	
4	Total	110	9,785	12.0%	0.10%	

	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	32,353	\$4.52	240	\$83.02	125	\$43.86
6	SPACE COAST	11,772	\$4.52	93	\$83.02	41	\$43.86
7	MARTIN SOLAR	31,074	\$4.52	194	\$83.02	66	\$43.86
8	Total	75,198	\$339,829	527	\$43,754	232	\$10,154

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,247	1.0	0.3	0.00
10	SPACE COAST	811	0.4	0.1	0.00
11	MARTIN SOLAR	2,048	0.9	0.4	0.00
12	Total	5,107	2.3	0.8	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$73,367	\$741,528	\$433,191	(\$148,208)	\$0	\$1,099,878
14	SPACE COAST	\$7,781	\$344,169	\$195,492	(\$62,871)	\$0	\$484,570
15	MARTIN SOLAR	\$188,746	\$2,255,868	\$1,026,031	(\$402,196)	\$0	\$3,068,449
16	Total	\$269,895	\$3,341,565	\$1,654,713	(\$613,275)	\$0	\$4,652,897

- (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 - March) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	10,293	19.1%	27,058,489
2	SPACE COAST	10	4,078	18.9%	
3	MARTIN SOLAR	75	8,731	5.4%	
4	Total	110	23,103	9.7%	

	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	80,882	\$4.77	255	\$83.54	176	\$43.47
6	SPACE COAST	32,023	\$4.77	107	\$83.54	60	\$43.47
7	MARTIN SOLAR	69,051	\$4.77	198	\$83.54	98	\$43.47
8	Total	181,956	\$868,369	561	\$46,824	334	\$14,512

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	5,214	2.1	0.3	0.01
10	SPACE COAST	2,049	0.8	0.1	0.00
11	MARTIN SOLAR	4,349	1.8	0.4	0.00
12	Total	11,612	4.8	0.8	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$206,758	\$2,233,796	\$1,299,436	(\$444,624)	\$0	\$3,295,365
14	SPACE COAST	\$45,484	\$1,036,673	\$586,475	(\$188,613)	\$0	\$1,480,019
15	MARTIN SOLAR	\$628,203	\$6,786,733	\$3,077,777	(\$1,206,588)	\$0	\$9,286,125
16	Total	\$880,445	\$10,057,202	\$4,963,688	(\$1,839,825)	\$0	\$14,061,509

- (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.