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December 20, 2018

-VIA ELECTRONIC FILING-

Carlotta Stauffer, Director
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20180007-EI Environmental Cost Recovery Clause

Dear Ms. Stauffer:

Attached for electronic filing in the above docket is Florida Power & Light Company's Solar Plant Operation Status Report for the month of November 2018, 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. 20180007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of December 2018 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: November 2018

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,452	(50)	(18)	(156)
2	9,788	(50)	(18)	(183)
3	9,362	(50)	(18)	(187)
4	9,140	(50)	(18)	(197)
5	9,147	(51)	(19)	(237)
6	9,628	(52)	(20)	(204)
7	10,459	(52)	(20)	(195)
8	11,196	2,610	577	(208)
9	12,278	8,353	2,748	(211)
10	13,438	11,948	4,444	479
11	14,392	13,353	5,709	1,761
12	15,129	12,535	6,244	2,961
13	15,711	12,490	6,024	4,009
14	16,107	12,065	5,298	4,504
15	16,249	11,471	4,921	3,788
16	16,136	9,873	3,134	3,922
17	15,755	5,472	1,181	3,422
18	15,528	467	76	1,489
19	15,570	(39)	(20)	193
20	15,073	(54)	(23)	(99)
21	14,334	(51)	(19)	(115)
22	13,465	(51)	(18)	(118)
23	12,470	(50)	(18)	(115)
24	11,381	(50)	(18)	(121)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: November 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,000	16.7%	0.03%	9,580,223
2	SPACE COAST	10	1,203	16.7%	0.01%	
3	MARTIN SOLAR	75	725	1.3%	0.01%	
4	Total	110	4,928	6.2%	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	25,948	\$5.14	58	\$111.61	14	\$41.48
6	SPACE COAST	10,338	\$5.14	26	\$111.61	12	\$41.48
7	MARTIN SOLAR	7,357	\$5.14	118	\$111.61	(6)	\$41.48
8	Total	43,642	\$224,134	202	\$22,492	20	\$831

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,582	0.64	0.02	0.00
10	SPACE COAST	642	0.27	0.01	0.00
11	MARTIN SOLAR	479	0.22	0.00	0.00
12	Total	2,702	1.12	0.03	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$94,472	\$753,894	\$433,078	(\$148,208)	\$0	\$1,133,236
14	SPACE COAST	\$18,313	\$349,725	\$195,492	(\$62,871)	\$0	\$500,659
15	MARTIN SOLAR	\$508,117	\$2,279,924	\$1,022,822	(\$402,196)	\$0	\$3,408,667
16	Total	\$620,903	\$3,383,542	\$1,651,392	(\$613,275)	\$0	\$5,042,562

- (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 - November) 2018

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	44,189	22.1%	0.04%	115,140,161
2	SPACE COAST	10	16,412	20.5%	0.01%	
3	MARTIN SOLAR	75	50,719	8.4%	0.04%	
4	Total	110	111,320	12.6%	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	378,476	\$4.33	1,922	\$85.59	1,665	\$41.44
6	SPACE COAST	143,518	\$4.33	709	\$85.59	594	\$41.44
7	MARTIN SOLAR	479,195	\$4.33	3,038	\$85.59	1,768	\$41.44
8	Total	1,001,189	\$4,336,835	5,670	\$485,280	4,026	\$166,838

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	26,241	11.5	2.3	0.05
10	SPACE COAST	9,872	4.3	0.9	0.02
11	MARTIN SOLAR	32,915	14.4	3.2	0.04
12	Total	69,027	30.2	6.3	0.10

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$558,067	\$8,549,915	\$4,763,645	(\$1,630,288)	\$0	\$12,241,340
14	SPACE COAST	\$265,514	\$3,963,686	\$2,150,938	(\$691,581)	\$0	\$5,688,557
15	MARTIN SOLAR	\$3,922,506	\$25,669,922	\$11,251,857	(\$4,424,156)	\$0	\$36,420,130
16	Total	\$4,746,088	\$38,183,523	\$18,166,440	(\$6,746,025)	\$0	\$54,350,027

- (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.