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January 21, 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 December 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 Jose Moncada  
Maria Jose Moncada

**Attachments**

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

**CERTIFICATE OF SERVICE**

**Docket No. 2020007-EI**

**I HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished  
by electronic service on this 21st day of January 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: December 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,630	(52)	(19)	(197)
2	9,005	(51)	(19)	(182)
3	8,643	(51)	(19)	(175)
4	8,487	(51)	(19)	(168)
5	8,556	(52)	(19)	(171)
6	9,050	(54)	(19)	(214)
7	9,967	(55)	(19)	(280)
8	10,707	1,045	131	(439)
9	11,585	6,829	1,816	(622)
10	12,421	9,380	3,471	(728)
11	13,047	10,161	4,854	677
12	13,452	9,550	5,638	1,999
13	13,730	9,836	5,325	4,076
14	13,888	9,295	4,886	3,083
15	13,920	8,498	3,851	4,914
16	13,836	7,209	2,827	4,828
17	13,677	3,936	722	5,191
18	13,852	149	6	2,167
19	14,226	(61)	(29)	(287)
20	13,795	(55)	(24)	(315)
21	13,222	(54)	(21)	(331)
22	12,515	(53)	(20)	(336)
23	11,609	(53)	(20)	(317)
24	10,557	(52)	(19)	(275)

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

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	2,331	12.5%	0.03%	8,947,979
2	SPACE COAST	10	1,031	13.9%	0.01%	
3	MARTIN SOLAR	75	679	1.2%	0.01%	
4	Total	110	4,041	4.9%	0.05%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	16,862	\$4.28	29	\$94.53	30	\$44.71
6	SPACE COAST	7,451	\$4.28	16	\$94.53	9	\$44.71
7	MARTIN SOLAR	4,762	\$4.28	25	\$94.53	(10)	\$44.71
8	Total	29,075	\$124,311	70	\$6,620	29	\$1,297

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,062	0.4	0.0	0.00
10	SPACE COAST	464	0.2	0.0	0.00
11	MARTIN SOLAR	275	0.1	0.0	0.00
12	Total	1,801	0.7	0.0	0.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$58,745	\$736,610	\$433,476	(\$148,208)	\$0	\$1,080,623
14	SPACE COAST	\$15,502	\$342,728	\$195,492	(\$62,871)	\$0	\$490,851
15	MARTIN SOLAR	\$344,319	\$2,271,223	\$1,026,190	(\$402,196)	\$0	\$3,239,537
16	Total	\$418,567	\$3,350,561	\$1,655,158	(\$613,275)	\$0	\$4,811,011

- (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 - December) 2019

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)
1	DESOTO	25	45,755	20.9%	126,378,446
2	SPACE COAST	10	16,553	18.9%	
3	MARTIN SOLAR	75	27,968	4.3%	
4	Total	110	90,276	9.4%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	363,983	\$4.07	1,967	\$76.99	1,718	\$44.25
6	SPACE COAST	131,298	\$4.07	726	\$76.99	643	\$44.25
7	MARTIN SOLAR	218,641	\$4.07	1,097	\$76.99	1,646	\$44.25
8	Total	713,922	\$2,903,279	3,790	\$291,802	4,007	\$177,294

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	25,514	11.7	3.9	0.04
10	SPACE COAST	9,254	4.3	1.5	0.02
11	MARTIN SOLAR	16,385	7.6	2.6	0.04
12	Total	51,153	23.6	8.1	0.10

	O&M (\$)	<sup>(4)</sup> ( <sup>7</sup> )( <sup>8</sup> )( <sup>9</sup> ) Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$758,349	\$8,867,366	\$5,199,597	(\$1,778,496)	\$0	\$13,046,815
14	SPACE COAST	\$263,904	\$4,120,089	\$2,345,901	(\$754,452)	\$0	\$5,975,442
15	MARTIN SOLAR	\$3,887,091	\$27,113,115	\$12,312,709	(\$4,826,352)	\$0	\$38,486,563
16	Total	\$4,909,344	\$40,100,569	\$19,858,207	(\$7,359,300)	\$0	\$57,508,821

- (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.
- (7) De Soto Solar Project Year-to-Date (January - December) 2019 Carrying Costs (\$) amount includes adjustment of (\$74,542) for change in 2019 Corporate Income Tax rate from 5.5% to 4.458%.
- (8) Space Coast Solar Project Year-to-Date (January - December) 2019 Carrying Costs (\$) amount includes adjustment of (\$34,618) for change in 2019 Corporate Income Tax rate from 5.5% to 4.458%.
- (9) Martin Solar Project Year-to-Date (January - December) 2019 Carrying Costs (\$) amount includes (\$227,765) for adjustment due to change in 2019 Corporate Income Tax rate from 5.5% to 4.458% and (\$4,787) for adjustment to cost of removal.