



**Maria Jose Moncada**  
Senior Attorney  
Florida Power & Light Company  
700 Universe Boulevard  
Juno Beach, FL 33408-0420  
(561) 304-5795  
(561) 691-7135 (Facsimile)  
E-mail: maria.moncada@fpl.com

December 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 November 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. 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 December 2019 to the following:

Ashley Weisenfield  
Charles Murphy  
**Office of General Counsel**  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850  
aweisenf@psc.state.fl.us  
cmurphy@psc.state.fl.us

Steven Griffin  
Beggs & Lane Law Firm  
P.O. Box 12950  
Pensacola, FL 32591  
srg@beggslane.com  
**Attorneys for Gulf Power Company**

Russell A. Badders  
Vice President & General Counsel  
One Energy Place, Bin 100  
Pensacola, FL 32520-0100  
russell.badders@nexteraenergy.com  
**Attorney for Gulf Power Company**

Holly Henderson  
Senior Manager Regulatory Affairs  
**Gulf Power Company**  
215 South Monroe Street, Suite 618  
Tallahassee, FL 32301  
holly.henderson@nexteraenergy.com

J.R. Kelly  
Patricia Ann Christensen  
Charles Rehwinkel  
Thomas A. David  
Stephanie Morse  
**Office of Public Counsel**  
c/o The Florida Legislature  
111 West Madison St., Room 812  
Tallahassee, FL 32399-1400  
kelly.jr@leg.state.fl.us  
christensen.patty@leg.state.fl.us  
rehwinkel.charles@leg.state.fl.us  
david.tad@leg.state.fl.us  
morse.stephanie@leg.state.fl.us

Paula Brown  
**Tampa Electric Company**  
P.O. Box 111  
Tampa, FL 33601-0111  
(813) 228-1444  
(813) 228-1770  
regdept@tecoenergy.com

James D. Beasley, Esq.  
J. Jeffrey Wahlen, Esq.  
Malcolm N. Means  
Ausley & McMullen  
P.O. Box 391  
Tallahassee, FL 32302  
jbeasley@ausley.com  
jwahlen@ausley.com  
mmeans@ausley.com  
**Attorneys for Tampa Electric Company**

Dianne M. Triplett  
299 First Avenue North  
St. Petersburg, FL 33701  
Dianne.triplett@duke-energy.com  
**Attorney for Duke Energy Florida**

Matthew R. Bernier, Esq.  
106 East College Avenue, Suite 800  
Tallahassee, FL 32301  
Matthew.bernier@duke-energy.com  
**Attorney for Duke Energy Florida**

Jon C. Moyle, Jr.  
Moyle Law Firm, PA  
Users Groups  
118 North Gadsden Street  
Tallahassee, FL 32301  
(850) 681-3828  
(850) 681-8788  
jmoyle@moylelaw.com  
**Attorneys for Florida Industrial Power  
Users Group**

By: *s/ Maria Jose Moncada*  
Maria Jose Moncada  
Florida Bar No. 0773301

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

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,026	(50)	(19)	(70)
2	9,391	(50)	(19)	(71)
3	9,002	(49)	(19)	(72)
4	8,810	(50)	(19)	(73)
5	8,856	(51)	(20)	(74)
6	9,339	(52)	(20)	(79)
7	10,199	(49)	(20)	(97)
8	10,971	2,550	435	(88)
9	11,974	9,727	2,371	(176)
10	12,985	12,005	4,447	(238)
11	13,798	12,746	5,777	(213)
12	14,420	12,534	5,972	(187)
13	14,893	11,719	4,966	54
14	15,191	10,805	5,398	593
15	15,331	10,730	4,530	722
16	15,264	9,523	3,126	594
17	14,956	6,003	1,460	306
18	14,785	838	218	315
19	14,857	(24)	(8)	179
20	14,333	(56)	(25)	(39)
21	13,670	(53)	(20)	(45)
22	12,846	(53)	(19)	(54)
23	11,886	(52)	(19)	(59)
24	10,818	(51)	(19)	(64)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: November 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	2,956	16.4%	0.03%	9,172,606
2	SPACE COAST	10	1,154	16.0%	0.01%	
3	MARTIN SOLAR	75	32	0.1%	0.00%	
4	Total	110	4,142	5.2%	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)(7)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	22,530	\$4.23	0	\$43.00	51	\$44.54
6	SPACE COAST	8,874	\$4.23	0	\$43.00	16	\$44.54
7	MARTIN SOLAR	326	\$4.23	0	\$43.00	0	\$44.54
8	Total	31,730	\$134,373	0	\$12	67	\$2,985

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,423	0.5	0.0	0.00
10	SPACE COAST	552	0.2	0.0	0.00
11	MARTIN SOLAR	20	0.0	0.0	0.00
12	Total	1,996	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	\$34,010	\$746,595	\$433,385	(\$148,208)	\$0	\$1,065,782
14	SPACE COAST	\$14,579	\$347,329	\$195,492	(\$62,871)	\$0	\$494,529
15	MARTIN SOLAR	\$314,199	\$2,298,600	\$1,025,847	(\$402,196)	\$0	\$3,236,450
16	Total	\$362,788	\$3,392,524	\$1,654,724	(\$613,275)	\$0	\$4,796,761

- (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) Coal cost values reflect true-up unit pricing due to issues with coal data reported on Schedule A4 in October 2019.

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: Year-to-Date (January - November) 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	43,424	21.7%	0.04%	117,430,467
2	SPACE COAST	10	15,522	19.4%	0.01%	
3	MARTIN SOLAR	75	27,290	4.5%	0.02%	
4	Total	110	86,236	9.8%	0.07%	

	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	347,121	\$4.06	1,938	\$76.66	1,688	\$44.25
6	SPACE COAST	123,847	\$4.06	710	\$76.66	634	\$44.25
7	MARTIN SOLAR	213,879	\$4.06	1,072	\$76.66	1,656	\$44.25
8	Total	684,848	\$2,778,968	3,720	\$285,182	3,978	\$175,997

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	24,452	11.3	3.9	0.04
10	SPACE COAST	8,790	4.1	1.5	0.02
11	MARTIN SOLAR	16,110	7.5	2.6	0.04
12	Total	49,351	22.8	8.0	0.09

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$699,604	\$8,205,298	\$4,766,120	(\$1,630,288)	\$0	\$12,040,734
14	SPACE COAST	\$248,402	\$3,811,979	\$2,150,409	(\$691,581)	\$0	\$5,519,209
15	MARTIN SOLAR	\$3,542,772	\$25,074,444	\$11,286,519	(\$4,424,156)	\$0	\$35,479,579
16	Total	\$4,490,777	\$37,091,720	\$18,203,049	(\$6,746,025)	\$0	\$53,039,522

- (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.