



**Maria J. 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

February 20, 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 January 2020, 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. 20200007-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 2020 to the following:

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

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

Dianne M. Triplett  
299 First Avenue North  
St. Petersburg, FL 33701  
Dianne.triplett@duke-energy.com

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

J.R. Kelly  
Patricia A. Christensen  
Charles J. Rehwinkel  
Thomas A. (Tad) David  
Mireille Fall-Fry  
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  
fall-fry.mireille@leg.state.fl.us  
morse.stephanie@leg.state.fl.us

Paula Brown  
**Tampa Electric Company**  
P.O. Box 111  
Tampa, FL 33601-0111  
regdept@tecoenergy.com

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

James W. Brew  
Laura Wynn Baker  
Stone Mattheis Xenopoulos & Brew, P.C.  
1025 Thomas Jefferson St NW  
Suite 800 West  
Washington, D.C. 20007  
(202) 342-0800  
(202) 342-0804 (fax)  
jbrew@smxblaw.com  
lwb@smxblaw.com  
**Attorneys for White Springs Agricultural  
Chemicals, Inc. d/b/a PCS Phosphate –  
White Springs**

Jon C. Moyle, Jr.  
Moyle Law Firm, PA  
118 North Gadsden Street  
Tallahassee, FL 32301  
jmoyle@moylelaw.com  
mqualls@moylelaw.com  
**Attorneys for Florida Industrial  
Power Users Group**

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

Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: January 2020

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,535	(51)	(20)	(187)
2	8,982	(51)	(20)	(207)
3	8,673	(50)	(20)	(215)
4	8,542	(51)	(20)	(223)
5	8,676	(52)	(20)	(229)
6	9,297	(53)	(21)	(285)
7	10,399	(56)	(21)	(391)
8	11,229	526	95	(443)
9	12,002	8,054	1,827	(636)
10	12,684	12,593	4,074	(360)
11	13,131	13,190	5,799	1,324
12	13,352	12,952	6,586	3,768
13	13,597	12,648	6,539	5,913
14	13,738	12,216	6,315	7,886
15	13,787	11,746	4,959	9,087
16	13,783	10,394	3,766	9,692
17	13,696	7,505	1,708	9,722
18	13,718	1,165	145	6,625
19	14,215	(71)	(32)	457
20	13,879	(56)	(26)	(200)
21	13,249	(54)	(22)	(215)
22	12,451	(53)	(20)	(209)
23	11,496	(52)	(20)	(204)
24	10,433	(52)	(20)	(192)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: January 2020

	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	3,171	17.0%	0.03%	9,208,311
2	SPACE COAST	10	1,287	17.3%	0.01%	
3	MARTIN SOLAR	75	1,559	2.8%	0.02%	
4	Total	110	6,017	7.4%	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	22,532	\$3.93	0	\$0.00	8	\$50.83
6	SPACE COAST	9,086	\$3.93	0	\$0.00	5	\$50.83
7	MARTIN SOLAR	10,885	\$3.93	0	\$0.00	11	\$50.83
8	Total	42,503	\$166,893	0	\$0	24	\$1,215

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,345	0.5	0.0	0.00
10	SPACE COAST	546	0.2	0.0	0.00
11	MARTIN SOLAR	662	0.3	0.0	0.00
12	Total	2,552	1.0	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	\$42,764	\$733,424	\$433,531	(\$148,208)	\$0	\$1,061,510
14	SPACE COAST	\$17,828	\$341,293	\$195,492	(\$62,871)	\$0	\$491,741
15	MARTIN SOLAR	\$432,285	\$2,265,589	\$1,027,033	(\$402,196)	\$0	\$3,322,711
16	Total	\$492,877	\$3,340,305	\$1,656,055	(\$613,275)	\$0	\$4,875,962

- <sup>(1)</sup> Net Generation data represents a calendar month.  
<sup>(2)</sup> Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3.  
<sup>(3)</sup> Fuel Cost per unit data from Schedule A4.  
<sup>(4)</sup> Carrying Cost data represents return on average net investment.  
<sup>(5)</sup> Capital Cost data represents depreciation expense on net investment.  
<sup>(6)</sup> 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) 2020

	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	3,171	17.0%	9,208,311
2	SPACE COAST	10	1,287	17.3%	
3	MARTIN SOLAR	75	1,559	2.8%	
4	Total	110	6,017	7.4%	

	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	22,532	\$3.93	0	\$0.00	8	\$50.83
6	SPACE COAST	9,086	\$3.93	0	\$0.00	5	\$50.83
7	MARTIN SOLAR	10,885	\$3.93	0	\$0.00	11	\$50.83
8	Total	42,503	\$166,893	0	\$0	24	\$1,215

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9	DESOTO	1,345	0.5	0.0
10	SPACE COAST	546	0.2	0.0
11	MARTIN SOLAR	662	0.3	0.0
12	Total	2,552	1.0	0.0

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$42,764	\$733,424	\$433,531	(\$148,208)	\$0	\$1,061,510
14	SPACE COAST	\$17,828	\$341,293	\$195,492	(\$62,871)	\$0	\$491,741
15	MARTIN SOLAR	\$432,285	\$2,265,589	\$1,027,033	(\$402,196)	\$0	\$3,322,711
16	Total	\$492,877	\$3,340,305	\$1,656,055	(\$613,275)	\$0	\$4,875,962

- (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.