



**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

September 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 August 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 Jose Moncada*  
Maria Jose 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 21st day of September 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 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: August 2020

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	14,698	(49)	(19)	(245)
2	13,812	(48)	(19)	(243)
3	13,185	(48)	(18)	(250)
4	12,761	(47)	(18)	(255)
5	12,570	(47)	(18)	(260)
6	12,725	(49)	(18)	(258)
7	13,080	(53)	(18)	(276)
8	13,512	1,858	263	(518)
9	14,877	9,764	1,543	(870)
10	16,671	12,808	3,230	1,446
11	18,399	14,235	4,867	6,695
12	19,925	14,766	5,778	11,468
13	21,068	13,909	5,977	15,782
14	21,879	13,491	5,573	18,020
15	22,311	12,451	5,291	17,931
16	22,393	11,456	4,404	17,465
17	22,251	12,112	3,085	13,676
18	21,833	7,986	1,891	11,585
19	21,015	4,340	634	8,510
20	19,956	753	70	5,217
21	19,324	(48)	(28)	516
22	18,331	(52)	(24)	(259)
23	17,061	(50)	(21)	(258)
24	15,748	(49)	(20)	(242)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: August 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	4,011	21.6%	0.03%	13,064,904
2	SPACE COAST	10	1,314	17.7%	0.01%	
3	MARTIN SOLAR	75	3,856	6.9%	0.03%	
4	Total	110	9,181	11.2%	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	28,639	\$3.34	68	\$72.98	391	\$46.07
6	SPACE COAST	9,604	\$3.34	21	\$72.98	135	\$46.07
7	MARTIN SOLAR	27,770	\$3.34	81	\$72.98	496	\$46.07
8	Total	66,013	\$220,807	170	\$12,430	1,022	\$47,065

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,416	1.2	0.2	0.01
10	SPACE COAST	816	0.4	0.1	0.00
11	MARTIN SOLAR	2,556	1.3	0.2	0.01
12	Total	5,787	2.8	0.5	0.02

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$54,745	\$700,329	\$432,651	(\$148,208)	\$0	\$1,039,517
14	SPACE COAST	\$8,349	\$326,473	\$195,251	(\$62,871)	\$0	\$467,201
15	MARTIN SOLAR	\$348,082	\$2,188,704	\$1,028,114	(\$402,196)	\$0	\$3,162,705
16	Total	\$411,176	\$3,215,506	\$1,656,016	(\$613,275)	\$0	\$4,669,423

- (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 - August) 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	31,555	21.6%	0.04%	87,021,260
2	SPACE COAST	10	11,325	19.4%	0.01%	
3	MARTIN SOLAR	75	26,659	6.1%	0.03%	
4	Total	110	69,539	10.8%	0.08%	

	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	210,666	\$3.31	416	\$74.38	3,040	\$46.73
6	SPACE COAST	76,242	\$3.31	133	\$74.38	1,056	\$46.73
7	MARTIN SOLAR	165,872	\$3.31	401	\$74.38	4,058	\$46.73
8	Total	452,779	\$1,497,661	950	\$70,669	8,154	\$380,976

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	18,048	8.3	1.2	0.06
10	SPACE COAST	6,443	2.9	0.4	0.02
11	MARTIN SOLAR	17,208	8.4	1.3	0.08
12	Total	41,699	19.6	2.9	0.17

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$372,472	\$5,756,481	\$3,465,769	(\$1,185,664)	\$0	\$8,409,059
14	SPACE COAST	\$151,317	\$2,680,592	\$1,563,621	(\$502,968)	\$0	\$3,892,562
15	MARTIN SOLAR	\$3,354,866	\$17,885,127	\$8,222,328	(\$3,217,568)	\$0	\$26,244,753
16	Total	\$3,878,655	\$26,322,201	\$13,251,718	(\$4,906,200)	\$0	\$38,546,374

- (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.