



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

November 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 October 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 November 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: October 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,880	(56)	(18)	(219)
2	12,057	(55)	(18)	(224)
3	11,501	(55)	(18)	(235)
4	11,157	(54)	(18)	(239)
5	11,079	(54)	(18)	(240)
6	11,454	(55)	(18)	(245)
7	12,284	(56)	(18)	(280)
8	12,712	191	54	(348)
9	13,533	6,275	1,452	(579)
10	15,013	12,159	3,522	(321)
11	16,343	12,539	5,095	2,421
12	17,506	13,436	5,876	3,806
13	18,429	13,415	6,351	5,668
14	19,141	11,546	6,173	7,135
15	19,585	12,463	5,542	7,360
16	19,794	11,124	4,627	7,692
17	19,699	9,722	3,490	7,507
18	19,232	8,009	1,696	6,789
19	18,491	1,301	251	4,580
20	18,205	(76)	(30)	1,218
21	17,510	(60)	(24)	(186)
22	16,530	(58)	(19)	(206)
23	15,300	(57)	(18)	(218)
24	13,985	(56)	(18)	(223)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,456	18.6%	0.03%	11,616,908
2	SPACE COAST	10	1,361	18.3%	0.01%	
3	MARTIN SOLAR	75	1,563	2.8%	0.01%	
4	Total	110	6,380	7.8%	0.05%	

	Natural Gas Displaced (MCF)	⁽²⁾ Cost of NG (\$/MCF)	Oil Displaced (Bbls)	⁽²⁾ Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	⁽³⁾⁽⁷⁾ Cost of Coal (\$/Ton)	
5	DESOTO	29,854	\$3.65	40	\$72.99	111	\$45.22
6	SPACE COAST	11,752	\$3.65	25	\$72.99	41	\$45.22
7	MARTIN SOLAR	15,182	\$3.65	95	\$72.99	57	\$45.22
8	Total	56,788	\$207,315	161	\$11,754	210	\$9,483

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,976	0.8	0.1	0.00
10	SPACE COAST	779	0.3	0.1	0.00
11	MARTIN SOLAR	1,045	0.5	0.2	0.00
12	Total	3,800	1.7	0.4	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$14,908	\$749,834	\$433,374	(\$148,208)	\$0	\$1,049,908
14	SPACE COAST	\$27,085	\$348,778	\$195,492	(\$62,871)	\$0	\$508,483
15	MARTIN SOLAR	\$469,359	\$2,305,546	\$1,026,110	(\$402,196)	\$0	\$3,398,819
16	Total	\$511,352	\$3,404,158	\$1,654,975	(\$613,275)	\$0	\$4,957,210

- (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 estimated unit pricing due to issues with coal data reporting 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 - October) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	40,467	22.2%	108,262,133
2	SPACE COAST	10	14,369	19.7%	
3	MARTIN SOLAR	75	27,258	5.0%	
4	Total	110	82,094	10.2%	

	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	324,591	\$4.05	1,938	\$76.66	1,637	\$44.24
6	SPACE COAST	114,973	\$4.05	710	\$76.66	618	\$44.24
7	MARTIN SOLAR	213,553	\$4.05	1,072	\$76.66	1,656	\$44.24
8	Total	653,118	\$2,644,595	3,720	\$285,170	3,911	\$173,012

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	23,028	10.7	3.9	0.04
10	SPACE COAST	8,237	3.9	1.5	0.01
11	MARTIN SOLAR	16,090	7.5	2.6	0.04
12	Total	47,356	22.1	8.0	0.09

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$665,594	\$7,458,703	\$4,332,735	(\$1,482,080)	\$0	\$10,974,952
14	SPACE COAST	\$233,823	\$3,464,650	\$1,954,918	(\$628,710)	\$0	\$5,024,680
15	MARTIN SOLAR	\$3,228,573	\$22,775,843	\$10,260,672	(\$4,021,960)	\$0	\$32,243,128
16	Total	\$4,127,990	\$33,699,196	\$16,548,325	(\$6,132,750)	\$0	\$48,242,761

- (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.