



John T. Butler
Assistant General Counsel – Regulatory
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
(561) 304-5639
(561) 691-7135 (Facsimile)
John.Butler@fpl.com

August 20, 2015

-VIA ELECTRONIC FILING -

Ms. Carlotta S. Stauffer
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 150007-EI

Dear Ms. Stauffer:

I enclose for electronic filing in the above docket; Florida Power & Light Company's ("FPL") Solar Plant Operation Status Report for the month of July 2015, 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.

If there are any questions regarding this transmittal, please contact me at (561) 304-5639.

Sincerely,

s/ John T. Butler
John T. Butler

Enclosures

cc: Counsel for Parties of Record (w/encl.)

CERTIFICATE OF SERVICE
Docket No. 150007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 20th day of August 2015, to the following:

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

J.R. Kelly, Esquire
Patricia Christensen, Esquire
Charles J. Rehwinkel, Esquire
Office of Public Counsel
c/o The Florida Legislature
111 W. Madison St., Room 812
Tallahassee, Florida 32399-1400
kelly.jr@leg.state.fl.us
christensen.patty@leg.state.fl.us
rehwinkel.charles@leg.state.fl.us
@leg.state.fl.us

James D. Beasley, Esquire
J. Jeffrey Wahlen, Esquire
Ashley M. Daniels, Esquire
Ausley & McMullen
Attorneys for Tampa Electric
P.O. Box 391
Tallahassee, Florida 32302
jbeasley@ausley.com
jwahlen@ausley.com
adaniels@ausley.com

Dianne Triplett, Esquire
Duke Energy Florida
299 First Avenue North
St. Petersburg, Florida 33701
dianne.triplett@duke-energy.com

Matthew R. Bernier
106 East College Avenue, Suite 800
Tallahassee, FL 32301
Matthew.bernier@duke-energy.com

Jeffrey A. Stone, Esquire
Russell A. Badders, Esquire
Beggs & Lane
Attorneys for Gulf Power
P.O. Box 12950
Pensacola, Florida 32591-2950
srg@beggslane.com
rab@beggslane.com

James W. Brew, Esquire
Owen J. Kopon, Esq.
Laura A. Wynn, Esq.
Attorneys for White Springs
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, DC 20007
(202) 342-0800
(202) 342-0807 (fax)
jbrew@smxblaw.com
ojk@smxblaw.com
laura.wynn@smxblaw.com

Gary V. Perko, Esquire
Hopping Green & Sams
Attorneys for Duke Energy Florida
P.O. Box 6526
Tallahassee, Florida 32314
gperko@hgslaw.com

Paula K. Brown
Regulatory Coordination
Tampa Electric Company
P.O. Box 111
Tampa, Florida 33601
regdept@tecoenergy.com

Robert L. McGee, Jr.
Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0780
rlmcgee@southernco.com

Jon C. Moyle, Jr., Esquire
The Moyle Law Firm, P.A.
Attorneys for FIPUG
118 N. Gadsden Street
Tallahassee, Florida 32301
jmoyle@moylelaw.com

By: s/John T. Butler
John T. Butler
Florida Bar No. 283479

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: July 2015

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,485	(56)	(19)	(310)
2	12,530	(56)	(18)	(370)
3	11,853	(55)	(18)	(452)
4	11,410	(55)	(17)	(462)
5	11,237	(54)	(17)	(470)
6	11,452	(54)	(17)	(535)
7	11,973	(51)	(6)	(540)
8	12,590	3,708	518	(869)
9	13,918	11,799	2,018	389
10	15,590	15,922	3,983	8,822
11	17,123	17,717	5,685	24,859
12	18,465	16,476	6,891	41,190
13	19,434	16,055	7,021	49,634
14	20,098	16,059	7,128	47,521
15	20,407	15,116	6,557	45,106
16	20,354	13,513	5,089	39,179
17	20,104	10,887	3,466	32,669
18	19,665	8,954	2,279	25,813
19	19,010	5,001	1,154	21,051
20	18,227	1,358	308	15,585
21	17,790	(39)	(12)	7,453
22	17,158	(57)	(21)	1,049
23	16,014	(55)	(20)	(257)
24	14,682	(56)	(19)	(297)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: July 2015

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,711	25.3%	0.04%	11,111,130
2	SPACE COAST	10	1,609	21.6%	0.01%	
3	MARTIN SOLAR	75	11,029	19.8%	0.10%	
4	Total	110	17,349	21.2%	0.16%	

	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	31,799	\$4.55	636	\$104.47	935	\$52.03
6	SPACE COAST	11,122	\$4.55	252	\$104.47	306	\$52.03
7	MARTIN SOLAR	99,376	\$4.55	1,851	\$104.47	1,222	\$52.03
8	Total	142,296	\$647,076	2,739	\$286,191	2,463	\$128,158

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,838	7	5	0.23
10	SPACE COAST	1,319	2	2	0.07
11	MARTIN SOLAR	8,765	14	7	0.28
12	Total	13,923	23	14	0.57

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$135,848	\$1,051,465	\$419,116	(\$154,336)	\$0	\$1,452,093
14	SPACE COAST	\$42,435	\$489,744	\$195,094	(\$64,351)	\$0	\$662,922
15	MARTIN SOLAR	\$277,565	\$3,077,548	\$1,163,514	(\$422,904)	\$0	\$4,095,723
16	Total	\$455,847	\$4,618,756	\$1,777,725	(\$641,591)	\$0	\$6,210,737

- (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 - July) 2015

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	32,014	25.2%	68,253,769
2	SPACE COAST	10	11,052	21.7%	
3	MARTIN SOLAR	75	61,436	16.1%	
4	Total	110	104,502	18.7%	

	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	159,876	\$4.60	3,164	\$101.38	8,600	\$55.58
6	SPACE COAST	53,259	\$4.60	1,050	\$101.38	3,067	\$55.58
7	MARTIN SOLAR	438,056	\$4.60	6,853	\$101.38	11,511	\$55.58
8	Total	651,191	\$2,994,753	11,067	\$1,122,009	23,178	\$1,288,260

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	27,746	39	45	2.17
10	SPACE COAST	9,668	13	16	0.80
11	MARTIN SOLAR	51,321	78	62	2.81
12	Total	88,736	130	124	5.77

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$559,865	\$7,490,769	\$2,932,701	(\$1,080,352)	\$0	\$9,902,983
14	SPACE COAST	\$141,741	\$3,489,067	\$1,365,008	(\$450,457)	\$0	\$4,545,359
15	MARTIN SOLAR	\$2,229,525	\$21,912,154	\$8,151,081	(\$2,960,328)	\$0	\$29,332,432
16	Total	\$2,931,130	\$32,891,991	\$12,448,790	(\$4,491,137)	\$0	\$43,780,774

- (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.