



**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](mailto:John.Butler@fpl.com)

April 21, 2014

**-VIA ELECTRONIC FILING -**

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

**Re: Docket No. 140007-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 March 2014, 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. 140007-EI**

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 21<sup>st</sup> day of April 2014, to the following:

Charles Murphy, Esq.  
Division of Legal Services  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32399-0850  
cmurphy@psc.state.fl.us

J. R Kelly, Esq  
Patricia Christensen, Esq.  
Charles Rehwinkel, Esq.  
Office of Public Counsel  
c/o The Florida Legislature  
111 W 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

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

John T. Burnett, Esq.  
Dianne Triplett, Esq.  
Duke Energy Florida  
P.O. Box 14042  
St. Petersburg, Florida 33733-4042  
john.burnett@duke-energy.com  
dianne.triplett@duke-energy.com

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

Jon C. Moyle, Esq.  
The Moyle Law Firm, P.A.  
118 North Gadsden St  
Tallahassee, FL 32301  
jmoyle@moylelaw.com

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

James W. Brew, Esq.  
F. Alvin Taylor, Esq.  
Attorneys for White Springs  
Brickfield, Burchette, Ritts & Stone, P.C.  
1025 Thomas Jefferson St., NW  
Eighth Floor, West Tower  
Washington, DC 20007  
jbrew@bbrslaw.com  
ataylor@bbrslaw.com

Robert Scheffel Wright, Esq.  
John T. LaVia, III, Esq.  
Attorneys for DeSoto County Generating  
Company, LLC  
Garner, Bist, Wiener, et al  
1300 Thomaswood Dr.  
Tallahassee, FL 32308  
schef@gbwlegal.com  
jlavia@gbwlegal.com

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

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: March 2014

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,320	(50)	(18)	(416)
2	8,342	(50)	(18)	(421)
3	8,193	(49)	(17)	(431)
4	7,996	(49)	(17)	(434)
5	8,019	(49)	(17)	(437)
6	8,462	(50)	(17)	(437)
7	9,463	(51)	(17)	(437)
8	10,241	1,274	299	(438)
9	10,904	7,639	1,765	117
10	11,714	12,842	3,792	9,512
11	12,389	15,655	5,474	25,556
12	12,843	15,596	6,647	34,981
13	13,186	15,262	7,206	41,606
14	13,447	15,118	7,523	46,201
15	13,650	15,344	6,910	44,804
16	13,811	15,130	5,946	40,912
17	13,917	13,885	4,520	36,229
18	13,855	10,820	2,565	31,098
19	13,678	5,321	899	20,311
20	13,635	317	35	9,451
21	13,571	(54)	(21)	2,552
22	12,734	(53)	(20)	(334)
23	11,701	(51)	(19)	(415)
24	10,439	(50)	(19)	(416)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: March 2014

	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	4,453	23.9%	0.05%	8,352,545
2	SPACE COAST	10	1,655	22.2%	0.02%	
3	MARTIN SOLAR	75	10,500	18.8%	0.13%	
4	Total	110	16,608	20.3%	0.20%	

	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	23,815	\$5.63	0	\$92.61	677	\$74.82
6	SPACE COAST	8,254	\$5.63	0	\$92.61	279	\$74.82
7	MARTIN SOLAR	56,734	\$5.63	0	\$92.61	1484	\$74.82
8	Total	88,803	\$500,085	0	\$45	2,440	\$182,567

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,922	2	5	0.36
10	SPACE COAST	1,113	1	2	0.15
11	MARTIN SOLAR	6,672	5	10	0.80
12	Total	10,707	8	16	1.31

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$68,884	\$1,131,767	\$418,860	(\$154,336)	\$0	\$1,465,175
14	SPACE COAST	\$17,344	\$527,396	\$195,013	(\$64,351)	\$0	\$675,402
15	MARTIN SOLAR	\$328,473	\$3,301,371	\$1,171,587	(\$422,904)	\$0	\$4,378,528
16	Total	\$414,702	\$4,960,534	\$1,785,460	(\$641,591)	\$0	\$6,519,105

- (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 - March) 2014

	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	10,804	20.0%	24,817,817
2	SPACE COAST	10	4,030	18.7%	
3	MARTIN SOLAR	75	23,187	14.3%	
4	Total	110	38,021	16.0%	

	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	63,323	\$5.94	41	\$123.99	1,289	\$74.40
6	SPACE COAST	22,884	\$5.94	14	\$123.99	512	\$74.40
7	MARTIN SOLAR	139,563	\$5.94	116	\$123.99	2,453	\$74.40
8	Total	225,770	\$1,340,952	171	\$21,191	4,253	\$316,450

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	6,637	6	10	0.70
10	SPACE COAST	2,502	2	4	0.28
11	MARTIN SOLAR	13,766	13	20	1.34
12	Total	22,905	21	34	2.31

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$204,023	\$3,406,340	\$1,256,590	(\$463,008)	\$0	\$4,403,945
14	SPACE COAST	\$68,337	\$1,587,289	\$585,039	(\$193,053)	\$0	\$2,047,612
15	MARTIN SOLAR	\$1,025,840	\$9,916,922	\$3,460,911	(\$1,268,712)	\$0	\$13,134,961
16	Total	\$1,298,200	\$14,910,551	\$5,302,540	(\$1,924,773)	\$0	\$19,586,517

- (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.