



**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)  
E-mail: [john.butler@fpl.com](mailto:john.butler@fpl.com)

RECEIVED-FPSC

13 DEC 20 PM 12: 19

COMMISSION  
CLERK

December 19, 2013

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

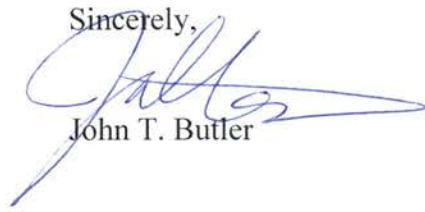
**Re: Docket No. 130007-EI**

Dear Ms. Stauffer:

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, Florida Power & Light Company (FPL) hereby files the original and ten (10) copies of its Solar Plant Operation Status Report for the month of November 2013.

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

COM \_\_\_\_\_  
AFD | \_\_\_\_\_  
APA | \_\_\_\_\_  
ECO | \_\_\_\_\_  
ENG | 6 \_\_\_\_\_  
GCL | 1 \_\_\_\_\_  
IDM | \_\_\_\_\_  
TEL | \_\_\_\_\_  
CLK | \_\_\_\_\_

Sincerely,  
  
John T. Butler

Copy to: All parties of record

**CERTIFICATE OF SERVICE**  
**Docket No. 130007-EI**

**I HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by overnight delivery (\*) or United States mail this 19<sup>th</sup> day of December 2013, to the following:

Charles Murphy, Esq. \*  
Division of Legal Services  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, Florida 32399-0850

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

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

John T. Burnett, Esq.  
Dianne Triplett, Esq.  
Duke Energy Florida  
P.O. Box 14042  
St. Petersburg, Florida 33733-4042

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

Jon C. Moyle, Esq.  
The Moyle Law Firm, P.A.  
Co-Counsel for FIPUG  
118 N. Gadsden St  
Tallahassee, FL 32301


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

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

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

Ashley M. Daniels, Esq.  
Ausley & McMullen  
Co-Counsel for TECO  
123 South Calhoun St.  
Tallahassee, FL 32301

By:

  
John T. Butler  
Fla. Bar No. 283479

Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: November 2013

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,571	(51)	77	(303)
2	8,993	(51)	85	(310)
3	8,594	(51)	94	(312)
4	8,387	(51)	102	(304)
5	8,396	(51)	110	(300)
6	8,802	(52)	119	(307)
7	9,680	(51)	129	(515)
8	10,368	2,279	649	(741)
9	11,280	8,160	2,152	(668)
10	12,311	11,560	3,788	1,584
11	13,143	12,075	4,988	7,924
12	13,721	12,353	5,008	12,154
13	14,095	12,275	4,956	12,565
14	14,267	11,096	4,425	11,446
15	14,258	10,659	3,633	12,167
16	14,113	8,020	2,537	11,676
17	13,836	4,956	1,160	11,159
18	13,964	918	258	6,320
19	14,346	34	79	2,040
20	13,918	(52)	77	(108)
21	13,304	(52)	83	(272)
22	12,497	(52)	88	(269)
23	11,563	(52)	94	(273)
24	10,509	(53)	99	(285)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: November 2013

	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	2,813	15.6%	0.03%	8,166,237
2	SPACE COAST	10	1,044	14.5%	0.01%	
3	MARTIN SOLAR	75	2,522	4.7%	0.03%	
4	Total	110	6,379	8.1%	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	14,126	\$4.87	8	\$92.96	636	\$71.35
6	SPACE COAST	5,022	\$4.87	2	\$92.96	247	\$71.35
7	MARTIN SOLAR	12,415	\$4.87	6	\$92.96	549	\$71.35
8	Total	31,563	\$153,592	16	\$1,485	1,432	\$102,181

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,267	3	4	0.34
10	SPACE COAST	854	1	2	0.13
11	MARTIN SOLAR	1,969	3	4	0.29
12	Total	5,089	7	10	0.77

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$45,899	\$1,146,486	\$418,878	(\$154,336)	\$0	\$1,456,928
14	SPACE COAST	\$19,109	\$534,198	\$194,992	(\$64,351)	\$0	\$683,949
15	MARTIN SOLAR	\$279,817	\$3,300,125	\$1,135,459	(\$422,904)	\$0	\$4,292,498
16	Total	\$344,826	\$4,980,810	\$1,749,330	(\$641,591)	\$0	\$6,433,375

- (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 - November) 2013

	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	47,045	23.5%	98,359,671
2	SPACE COAST	10	16,919	21.1%	
3	MARTIN SOLAR	75	83,861	13.9%	
4	Total	110	147,825	16.8%	

	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	269,075	\$4.90	972	\$94.11	9,349	\$75.17
6	SPACE COAST	97,736	\$4.90	345	\$94.11	3,321	\$75.17
7	MARTIN SOLAR	576,575	\$4.90	2,470	\$94.11	13,099	\$75.17
8	Total	943,386	\$4,624,081	3,787	\$356,412	25,769	\$1,937,049

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	37,391	49	59	5.05
10	SPACE COAST	13,409	18	22	1.79
11	MARTIN SOLAR	64,691	99	93	7.16
12	Total	115,491	166	174	14.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$670,644	\$12,757,415	\$4,607,255	(\$1,697,696)	\$0	\$16,337,618
14	SPACE COAST	\$178,575	\$5,938,455	\$2,143,816	(\$707,861)	\$0	\$7,552,985
15	MARTIN SOLAR	\$2,934,105	\$36,212,363	\$12,485,418	(\$4,651,944)	\$0	\$46,979,942
16	Total	\$3,783,324	\$54,908,234	\$19,236,489	(\$7,057,501)	\$0	\$70,870,546

- (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.