



**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)

June 20, 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 May 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 20<sup>th</sup> day of June 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: May 2014

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,529	(53)	(18)	(188)
2	10,625	(52)	(18)	(190)
3	10,035	(51)	(18)	(191)
4	9,666	(51)	(17)	(191)
5	9,551	(50)	(17)	(190)
6	9,861	(50)	(17)	(195)
7	10,646	(16)	1	(625)
8	11,260	4,941	667	(530)
9	12,307	13,604	2,300	5,239
10	13,605	17,165	4,150	28,728
11	14,801	18,340	5,845	38,628
12	15,766	18,741	7,021	43,868
13	16,533	18,510	7,787	45,972
14	17,148	17,952	7,767	47,225
15	17,568	17,492	7,698	45,907
16	17,832	16,501	6,469	44,657
17	17,910	14,754	5,068	42,105
18	17,698	12,033	3,168	36,540
19	17,157	8,649	1,339	28,451
20	16,361	2,040	297	18,630
21	16,195	(65)	(22)	6,384
22	15,447	(54)	(21)	810
23	14,199	(53)	(20)	(195)
24	12,803	(54)	(19)	(194)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: May 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	5,585	30.0%	0.06%	9,933,167
2	SPACE COAST	10	1,841	24.7%	0.02%	
3	MARTIN SOLAR	75	13,344	23.9%	0.13%	
4	Total	110	20,771	25.4%	0.21%	

	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	49,832	\$5.50	5	\$53.64	105	\$74.78
6	SPACE COAST	16,508	\$5.50	1	\$53.64	41	\$74.78
7	MARTIN SOLAR	125,243	\$5.50	15	\$53.64	140	\$74.78
8	Total	191,583	\$1,053,132	22	\$1,172	286	\$21,395

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,157	5	4	0.07
10	SPACE COAST	1,059	2	1	0.03
11	MARTIN SOLAR	7,657	15	7	0.11
12	Total	11,873	22	12	0.20

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$121,029	\$1,124,407	\$418,860	(\$154,336)	\$0	\$1,509,959
14	SPACE COAST	\$11,372	\$523,994	\$195,013	(\$64,351)	\$0	\$666,028
15	MARTIN SOLAR	\$281,442	\$3,283,092	\$1,172,305	(\$422,904)	\$0	\$4,313,934
16	Total	\$413,842	\$4,931,493	\$1,786,177	(\$641,591)	\$0	\$6,489,921

- (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 - May) 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	21,384	23.6%	43,676,693
2	SPACE COAST	10	7,573	20.9%	
3	MARTIN SOLAR	75	48,482	17.8%	
4	Total	110	77,439	19.4%	

	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	149,733	\$5.64	159	\$111.70	1,778	\$74.81
6	SPACE COAST	51,375	\$5.64	55	\$111.70	698	\$74.81
7	MARTIN SOLAR	356,492	\$5.64	575	\$111.70	3,534	\$74.81
8	Total	557,600	\$3,147,406	789	\$88,131	6,010	\$449,580

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	12,862	16	17	0.98
10	SPACE COAST	4,613	5	6	0.38
11	MARTIN SOLAR	29,151	37	35	1.97
12	Total	46,626	58	58	3.34

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$365,560	\$5,658,833	\$2,094,310	(\$771,680)	\$0	\$7,347,023
14	SPACE COAST	\$96,006	\$2,636,979	\$975,064	(\$321,755)	\$0	\$3,386,294
15	MARTIN SOLAR	\$1,683,321	\$16,491,878	\$5,805,078	(\$2,114,520)	\$0	\$21,865,756
16	Total	\$2,144,887	\$24,787,690	\$8,874,452	(\$3,207,955)	\$0	\$32,599,073

- (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.