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September 20, 2013

Ms. Ann Cole  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

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

Dear Ms. Cole:

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 August 2013.

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

Sincerely,

*Samaris Rodriguez for*  
John T. Butler

Copy to: All parties of record

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**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 20<sup>th</sup> day of September 2013, to the following:

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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: August 2013

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)			
		DESOTO	SPACE COAST	MARTIN SOLAR	
1	1	12,790	(53)	(19)	(278)
2	2	11,917	(53)	(18)	(283)
3	3	11,322	(52)	(18)	(286)
4	4	10,942	(52)	(17)	(286)
5	5	10,801	(52)	(17)	(285)
6	6	11,079	(52)	(18)	(296)
7	7	11,767	(53)	(18)	(518)
8	8	12,226	2,527	326	(789)
9	9	13,319	12,698	1,939	(550)
10	10	14,800	16,849	3,907	15,652
11	11	16,219	18,324	5,790	35,006
12	12	17,378	17,885	7,181	42,586
13	13	18,277	17,314	7,282	43,759
14	14	18,931	16,539	7,090	43,473
15	15	19,274	15,166	6,513	43,443
16	16	19,371	13,469	5,993	38,581
17	17	19,271	9,359	4,619	29,505
18	18	18,896	8,041	3,070	22,845
19	19	18,258	4,529	1,307	16,290
20	20	17,554	1,062	178	12,456
21	21	17,368	(62)	(22)	4,324
22	22	16,545	(55)	(21)	561
23	23	15,292	(54)	(20)	(277)
24	24	13,954	(54)	(19)	(278)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: August 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	4,748	25.5%	0.05%	10,540,605
2	SPACE COAST	10	1,705	22.9%	0.02%	
3	MARTIN SOLAR	75	10,675	19.1%	0.10%	
4	Total	110	17,128	20.9%	0.16%	

	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	32,578	\$4.68	118	\$93.33	867	\$71.80
6	SPACE COAST	13,121	\$4.68	32	\$93.33	253	\$71.80
7	MARTIN SOLAR	97,518	\$4.68	143	\$93.33	1,163	\$71.80
8	Total	143,216	\$670,095	293	\$27,314	2,283	\$163,951

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,930	6	6	0.47
10	SPACE COAST	1,357	2	2	0.14
11	MARTIN SOLAR	8,414	18	9	0.64
12	Total	13,701	27	17	1.25

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$49,410	\$1,156,496	\$418,512	(\$154,336)	\$0	\$1,470,082
14	SPACE COAST	\$7,362	\$538,570	\$194,992	(\$64,351)	\$0	\$676,574
15	MARTIN SOLAR	\$227,135	\$3,283,219	\$1,135,169	(\$422,904)	\$0	\$4,222,618
16	Total	\$283,907	\$4,978,285	\$1,748,673	(\$641,591)	\$0	\$6,369,274

- (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 - August) 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	35,573	24.4%	0.05%	71,431,563
2 SPACE COAST	10	12,746	21.9%	0.02%	
3 MARTIN SOLAR	75	63,740	14.6%	0.09%	
4 Total	110	112,059	17.5%	0.16%	

	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	201,798	\$4.94	811	\$93.34	6,929	\$76.58
6 SPACE COAST	73,334	\$4.94	300	\$93.34	2,435	\$76.58
7 MARTIN SOLAR	431,861	\$4.94	2,165	\$93.34	9,737	\$76.58
8 Total	706,994	\$3,489,879	3,276	\$305,776	19,101	\$1,462,782

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	27,906	34	43	3.74
10 SPACE COAST	9,956	13	16	1.32
11 MARTIN SOLAR	48,467	73	70	5.34
12 Total	86,328	120	129	10.40

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$528,682	\$9,306,954	\$3,345,016	(\$1,234,688)	\$0	\$11,945,964
14 SPACE COAST	\$134,249	\$4,330,758	\$1,558,839	(\$514,808)	\$0	\$5,509,038
15 MARTIN SOLAR	\$2,311,399	\$26,340,536	\$9,079,445	(\$3,383,232)	\$0	\$34,348,147
16 Total	\$2,974,330	\$39,978,248	\$13,983,299	(\$5,132,728)	\$0	\$51,803,149

- (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.