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October 21, 2013

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

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 September 2013.

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

Sincerely,

John T. Butler

COM	_____
AFD	_____
APA	_____
ECO	_____
ENG	_____
GCL	_____
IDM	_____
TEL	_____
CLK	_____

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 21st day of October 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: September 2013

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,709	(52)	(18)	(267)
2	10,903	(52)	(18)	(272)
3	10,360	(51)	(17)	(273)
4	10,036	(51)	(17)	(274)
5	9,944	(51)	(17)	(276)
6	10,314	(52)	(17)	(300)
7	11,167	(52)	(17)	(454)
8	11,585	1,102	211	(722)
9	12,434	10,007	1,818	(725)
10	13,835	15,106	3,814	7,990
11	15,160	16,559	5,645	28,683
12	16,240	16,909	6,601	37,948
13	17,052	15,513	6,894	35,113
14	17,606	14,441	6,922	36,775
15	17,845	14,746	5,964	29,539
16	17,885	14,494	5,142	25,126
17	17,757	11,252	4,088	25,717
18	17,428	7,581	2,289	23,256
19	16,875	3,056	740	16,786
20	16,601	121	14	8,598
21	16,381	(56)	(21)	3,066
22	15,413	(54)	(19)	(264)
23	14,195	(54)	(19)	(269)
24	12,885	(53)	(18)	(268)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,209	23.4%	0.04%	9,530,355
2	SPACE COAST	10	1,498	20.8%	0.02%	
3	MARTIN SOLAR	75	8,227	15.2%	0.09%	
4	Total	110	13,935	17.6%	0.15%	

	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	26,646	\$4.83	7	\$93.21	853	\$71.04
6	SPACE COAST	9,466	\$4.83	2	\$93.21	304	\$71.04
7	MARTIN SOLAR	64,431	\$4.83	13	\$93.21	1325	\$71.04
8	Total	100,543	\$485,714	22	\$2,095	2,482	\$176,318

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,489	5	5	0.46
10	SPACE COAST	1,242	2	2	0.16
11	MARTIN SOLAR	6,770	9	8	0.71
12	Total	11,501	16	15	1.33

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$52,371	\$1,153,829	\$424,552	(\$154,336)	\$0	\$1,476,416
14	SPACE COAST	\$17,453	\$537,600	\$194,992	(\$64,351)	\$0	\$685,695
15	MARTIN SOLAR	\$80,462	\$3,282,628	\$1,135,233	(\$422,904)	\$0	\$4,075,419
16	Total	\$150,286	\$4,974,057	\$1,754,778	(\$641,591)	\$0	\$6,237,530

- (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 - September) 2013

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	39,782	24.3%	0.05%	80,961,918
2	SPACE COAST	10	14,245	21.7%	0.02%	
3	MARTIN SOLAR	75	71,967	14.6%	0.09%	
4	Total	110	125,993	17.5%	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	228,445	\$4.92	819	\$93.34	7,782	\$75.94
6	SPACE COAST	82,801	\$4.92	302	\$93.34	2,739	\$75.94
7	MARTIN SOLAR	496,292	\$4.92	2,177	\$93.34	11,062	\$75.94
8	Total	807,537	\$3,975,593	3,298	\$307,871	21,583	\$1,639,100

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	31,394	40	48	4.20
10	SPACE COAST	11,198	15	18	1.48
11	MARTIN SOLAR	55,237	82	77	6.06
12	Total	97,829	136	144	11.74

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$581,053	\$10,460,782	\$3,769,568	(\$1,389,024)	\$0	\$13,422,380
14	SPACE COAST	\$151,702	\$4,868,359	\$1,753,831	(\$579,159)	\$0	\$6,194,733
15	MARTIN SOLAR	\$2,391,861	\$29,623,164	\$10,214,678	(\$3,806,136)	\$0	\$38,423,566
16	Total	\$3,124,616	\$44,952,305	\$15,738,077	(\$5,774,319)	\$0	\$58,040,679

- (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.