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October 19, 2012

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

COMMISSION
CLERK

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Re: Docket No. 120007-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 2012.

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

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Sincerely,

John T. Butler

Copy to: All parties of record

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CERTIFICATE OF SERVICE
Docket No. 120007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by overnight delivery (*) or United States mail this 19th day of October 2012, to the following:

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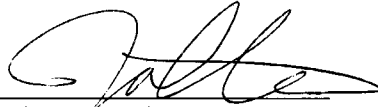
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By: 
John T. Butler
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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: September 2012

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,702	(54)	(18)	(214)
2	10,866	(54)	(17)	(197)
3	10,324	(53)	(17)	(176)
4	9,989	(52)	(17)	(172)
5	9,875	(52)	(17)	(181)
6	10,190	(52)	(17)	(176)
7	10,990	(52)	(17)	(427)
8	11,452	852	210	(855)
9	12,290	8,858	1,714	(1,226)
10	13,676	14,725	3,583	5,880
11	15,010	15,998	5,775	21,185
12	16,114	16,053	6,517	25,414
13	16,953	15,435	7,164	27,099
14	17,556	15,237	7,417	22,719
15	17,919	14,851	6,801	23,552
16	18,085	12,464	5,789	22,270
17	18,023	11,190	3,881	21,664
18	17,637	8,613	2,138	17,179
19	16,995	4,583	632	9,841
20	16,672	252	15	5,904
21	16,387	(56)	(21)	2,386
22	15,396	(55)	(20)	1,384
23	14,156	(55)	(19)	1,386
24	12,827	(54)	(19)	1,388

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: September 2012

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,156	23.1%	0.04%	9,276,518
2	SPACE COAST	10	1,543	21.4%	0.02%	
3	MARTIN SOLAR	75	6,169	11.4%	0.07%	
4	Total	110	11,867	15.0%	0.13%	

	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	38,916	\$4.90	276	\$88.27	100	\$82.08
6	SPACE COAST	14,778	\$4.90	91	\$88.27	29	\$82.08
7	MARTIN SOLAR	64,095	\$4.90	366	\$88.27	99	\$82.08
8	Total	117,789	\$577,483	732	\$64,607	228	\$18,722

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,658	6	2	0.07
10	SPACE COAST	981	2	1	0.02
11	MARTIN SOLAR	4,178	9	3	0.08
12	Total	7,818	17	5	0.18

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$62,943	\$1,177,518	\$415,922	(\$154,336)	\$0	\$1,502,046
14	SPACE COAST	\$12,468	\$550,863	\$194,536	(\$64,351)	\$0	\$693,516
15	MARTIN SOLAR	\$516,253	\$3,296,698	\$1,120,686	(\$422,904)	\$0	\$4,510,733
16	Total	\$591,664	\$5,025,079	\$1,731,144	(\$641,591)	\$0	\$6,706,295

- (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) 2012

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	41,496	25.2%	0.05%	78,400,631
2	SPACE COAST	10	14,597	22.2%	0.02%	
3	MARTIN SOLAR	75	73,633	14.9%	0.09%	
4	Total	110	129,726	17.9%	0.17%	

	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	274,784	\$4.89	4,092	\$89.07	5,177	\$83.27
6	SPACE COAST	96,767	\$4.89	1,411	\$89.07	1,823	\$83.27
7	MARTIN SOLAR	539,045	\$4.89	8,531	\$89.07	7,399	\$83.27
8	Total	910,595	\$4,456,963	14,034	\$1,250,036	14,399	\$1,199,053

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	29,792	43	36	2.72
10	SPACE COAST	10,498	15	13	0.98
11	MARTIN SOLAR	52,893	85	58	4.30
12	Total	93,183	144	107	7.99

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$648,987	\$10,751,236	\$3,750,873	(\$1,389,024)	\$0	\$13,762,073
14	SPACE COAST	\$145,423	\$5,028,479	\$1,753,412	(\$579,159)	\$0	\$6,348,154
15	MARTIN SOLAR	\$3,071,992	\$29,827,316	\$9,978,531	(\$3,806,136)	\$0	\$39,071,702
16	Total	\$3,866,402	\$45,607,031	\$15,482,816	(\$5,774,319)	\$0	\$59,181,929

- (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.