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December 19, 2011

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

Re: **Docket No. 110007-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 November 2011.

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

COM	_____
APA	<u> 1 </u>
ECR	<u> 7 </u>
GCL	<u> 1 </u>
RAD	<u> 1 </u>
SRC	_____
ADM	_____
OPC	_____
CLK	_____

Sincerely,

John T. Butler

Copy to: All parties of record

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FPSC-COMMISSION CLERK

CERTIFICATE OF SERVICE

Docket No. 110007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by hand delivery (*) or United States mail this 19th day of December 2011, 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: November 2011

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,183	(48)	(17)	(186)
2	8,289	(47)	(17)	(186)
3	7,932	(47)	(17)	(185)
4	7,762	(47)	(17)	(184)
5	7,789	(47)	(17)	(187)
6	8,219	(47)	(17)	(187)
7	9,116	(48)	(16)	(634)
8	9,847	2,565	613	(817)
9	10,660	11,246	2,798	(779)
10	11,576	15,129	4,926	1,782
11	12,342	15,250	6,117	8,140
12	12,859	14,498	6,867	11,104
13	13,230	14,143	6,684	11,837
14	13,464	13,659	6,393	12,277
15	13,544	13,480	5,186	12,104
16	13,488	11,904	3,769	12,076
17	13,258	7,917	1,874	12,209
18	13,257	2,240	394	8,621
19	13,665	133	(3)	3,057
20	13,355	(51)	(20)	(191)
21	12,771	(49)	(19)	(186)
22	11,877	(49)	(19)	(186)
23	10,888	(48)	(18)	(186)
24	9,819	(48)	(18)	(186)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: November 2011

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,648	20.3%	0.05%	7,882,996
2	SPACE COAST	10	1,362	18.9%	0.02%	
3	MARTIN SOLAR	75	2,668	4.9%	0.03%	
4	Total	110	7,678	9.7%	0.10%	

	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	13,859	\$5.94	179	\$87.40	942	\$88.91
6	SPACE COAST	5,083	\$5.94	64	\$87.40	358	\$88.91
7	MARTIN SOLAR	14,311	\$5.94	304	\$87.40	453	\$88.91
8	Total	33,253	\$197,450	546	\$47,748	1,753	\$155,836

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,993	3	5	0.47
10	SPACE COAST	1,123	1	2	0.18
11	MARTIN SOLAR	2,024	2	2	0.25
12	Total	6,140	6	9	0.90

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$68,184	\$1,215,062	\$416,404	(\$154,336)	\$0	\$1,545,314
14	SPACE COAST	\$34,408	\$569,240	\$194,846	(\$64,351)	\$0	\$734,143
15	MARTIN SOLAR	\$626,586	\$3,331,210	\$1,098,671	(\$422,904)	\$0	\$4,633,563
16	Total	\$729,178	\$5,115,512	\$1,709,921	(\$641,591)	\$0	\$6,913,020

- (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) 2011

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	48,377	24.1%	0.05%	95,937,975
2 SPACE COAST	10	17,506	21.8%	0.02%	
3 MARTIN SOLAR	75	29,141	4.8%	0.03%	
4 Total	110	95,023	10.8%	0.10%	

	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	383,651	\$5.91	5,396	\$88.69	3,628	\$84.81
6 SPACE COAST	140,570	\$5.91	1,911	\$88.69	1,282	\$84.81
7 MARTIN SOLAR	247,526	\$5.91	3,296	\$88.69	1,455	\$84.81
8 Total	771,747	\$4,561,017	10,603	\$940,386	6,365	\$539,818

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	33,354	62	41	2.00
10 SPACE COAST	12,100	23	15	0.74
11 MARTIN SOLAR	19,410	45	26	0.82
12 Total	64,863	130	82	3.56

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$827,969	\$13,548,423	\$4,569,157	(\$1,697,696)	\$0	\$17,247,853
14 SPACE COAST	\$396,925	\$6,352,746	\$2,142,717	(\$707,861)	\$0	\$8,184,527
15 MARTIN SOLAR	\$8,882,078	\$36,974,300	\$12,024,298	(\$4,651,944)	\$0	\$53,228,732
16 Total	\$10,106,972	\$56,875,469	\$18,736,172	(\$7,057,501)	\$0	\$78,661,112

- (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.