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November 18, 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 October 2011.

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

COM _____
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ADM _____
OPC _____
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Sincerely,

John T. Butler

Copy to: All parties of record

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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 18th day of November 2011, to the following:

Martha Brown, Esq.
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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: October 2011

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,031	(51)	(18)	(161)
2	9,327	(50)	(18)	(161)
3	8,869	(49)	(17)	(160)
4	8,628	(49)	(17)	(160)
5	8,603	(49)	(16)	(159)
6	8,993	(48)	(16)	(156)
7	9,906	(47)	(16)	(153)
8	10,495	165	59	(153)
9	11,005	6,538	1,379	(155)
10	11,980	12,867	3,384	(157)
11	12,945	14,833	5,003	(170)
12	13,608	14,779	6,190	(173)
13	14,130	14,413	6,753	(170)
14	14,520	13,772	6,734	(164)
15	14,761	13,108	5,385	(172)
16	14,912	12,850	4,767	(170)
17	14,916	11,117	3,857	(160)
18	14,679	8,094	1,953	(144)
19	14,360	2,007	298	(145)
20	14,568	(54)	(22)	(157)
21	14,150	(51)	(21)	(160)
22	13,286	(51)	(20)	(159)
23	12,217	(51)	(19)	(159)
24	10,992	(51)	(19)	(159)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	3,842	21.3%	8,569,555
2	SPACE COAST	10	1,412	19.6%	
3	MARTIN SOLAR	75	(119)	-0.2%	
4	Total	110	5,135	6.5%	

	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	25,884	\$5.96	140	\$92.07	454	\$94.03
6	SPACE COAST	9,410	\$5.96	45	\$92.07	176	\$94.03
7	MARTIN SOLAR	(804)	\$5.96	(3)	\$92.07	(14)	\$94.03
8	Total	34,489	\$205,677	182	\$16,744	617	\$57,975

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,616	4	3	0.25
10	SPACE COAST	973	1	1	0.10
11	MARTIN SOLAR	(80)	1	0	(0.01)
12	Total	3,510	6	5	0.34

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$63,514	\$1,218,888	\$416,508	(\$154,336)	\$0	\$1,544,574
14	SPACE COAST	\$34,316	\$570,924	\$195,507	(\$64,351)	\$0	\$736,396
15	MARTIN SOLAR	\$951,592	\$3,336,200	\$1,097,665	(\$422,904)	\$0	\$4,962,553
16	Total	\$1,049,422	\$5,126,012	\$1,709,680	(\$641,591)	\$0	\$7,243,523

- (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 - October) 2011

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	44,729	24.5%	0.05%	88,054,980
2 SPACE COAST	10	16,144	22.1%	0.02%	
3 MARTIN SOLAR	75	26,473	4.8%	0.03%	
4 Total	110	87,346	10.9%	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	369,792	\$5.91	5,217	\$88.76	2,686	\$83.26
6 SPACE COAST	135,487	\$5.91	1,848	\$88.76	924	\$83.26
7 MARTIN SOLAR	233,215	\$5.91	2,992	\$88.76	1,002	\$83.26
8 Total	738,494	\$4,363,567	10,057	\$892,638	4,612	\$383,982

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	30,361	60	37	1.53
10 SPACE COAST	10,977	22	13	0.56
11 MARTIN SOLAR	17,386	43	24	0.57
12 Total	58,724	124	73	2.66

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$759,785	\$12,333,361	\$4,152,753	(\$1,543,360)	\$0	\$15,702,539
14 SPACE COAST	\$362,517	\$5,783,506	\$1,947,871	(\$643,510)	\$0	\$7,450,384
15 MARTIN SOLAR	\$8,255,492	\$33,643,090	\$10,925,627	(\$4,229,040)	\$0	\$48,595,169
16 Total	\$9,377,794	\$51,759,957	\$17,026,251	(\$6,415,910)	\$0	\$71,748,092

- (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.