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October 20, 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 September 2011.

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

Sincerely,

John T. Butler

- COM _____
- APA 1 _____
- ECR 6 _____
- GCL 2 _____
- RAD 1 _____
- SRC _____
- ADM _____
- OPC _____
- CLK _____

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 20th day of October 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: September 2011

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,983	(53)	(18)	(185)
2	11,150	(53)	(17)	(184)
3	10,598	(53)	(17)	(184)
4	10,250	(53)	(17)	(183)
5	10,143	(51)	(17)	(183)
6	10,476	(50)	(17)	(183)
7	11,304	(50)	(17)	(254)
8	11,735	996	199	(531)
9	12,676	9,395	1,739	(462)
10	14,126	15,158	3,848	5,385
11	15,507	16,485	5,469	14,117
12	16,678	17,063	6,455	14,440
13	17,591	16,036	7,424	15,137
14	18,263	16,114	7,032	14,545
15	18,625	14,372	6,946	15,720
16	18,709	13,345	5,094	14,436
17	18,588	11,307	4,116	10,350
18	18,180	8,358	2,498	9,469
19	17,492	3,831	688	7,248
20	17,100	173	21	2,567
21	16,816	(53)	(20)	842
22	15,805	(53)	(19)	(186)
23	14,536	(54)	(19)	(187)
24	13,208	(53)	(18)	(186)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,262	23.7%	0.04%	9,648,373
2	SPACE COAST	10	1,540	21.4%	0.02%	
3	MARTIN SOLAR	75	3,640	6.7%	0.04%	
4	Total	110	9,442	11.9%	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	41,682	\$5.80	438	\$117.42	114	\$95.03
6	SPACE COAST	15,546	\$5.80	144	\$117.42	33	\$95.03
7	MARTIN SOLAR	38,743	\$5.80	365	\$117.42	46	\$95.03
8	Total	95,971	\$556,491	947	\$111,205	193	\$18,302

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,922	7	2	0.09
10	SPACE COAST	1,058	3	1	0.03
11	MARTIN SOLAR	2,564	7	2	0.05
12	Total	6,544	17	5	0.17

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$65,256	\$1,222,360	\$416,398	(\$154,336)	\$0	\$1,549,678
14	SPACE COAST	\$37,364	\$572,587	\$194,820	(\$64,351)	\$0	\$740,420
15	MARTIN SOLAR	\$5,903,279	\$3,344,089	\$1,097,665	(\$422,904)	\$0	\$9,922,129
16	Total	\$6,005,899	\$5,139,036	\$1,708,883	(\$641,591)	\$0	\$12,212,227

- (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) 2011

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	40,887	25.0%	0.05%	79,485,425
2 SPACE COAST	10	14,732	22.5%	0.02%	
3 MARTIN SOLAR	75	26,592	5.4%	0.03%	
4 Total	110	82,210	11.4%	0.10%	

	Natural Gas Displaced (MCF)	⁽²⁾ Cost of NG (\$/MCF)	Oil Displaced (Bbbls)	⁽²⁾ Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	⁽³⁾ Cost of Coal (\$/Ton)
5 DESOTO	343,908	\$5.91	5,078	\$88.70	2,232	\$81.59
6 SPACE COAST	126,077	\$5.91	1,803	\$88.70	748	\$81.59
7 MARTIN SOLAR	234,019	\$5.91	2,995	\$88.70	1,016	\$81.59
8 Total	704,005	\$4,157,890	9,875	\$875,894	3,995	\$326,007

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	27,744	56	33	1.28
10 SPACE COAST	10,004	20	12	0.46
11 MARTIN SOLAR	17,466	42	24	0.58
12 Total	55,214	119	69	2.32

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$696,271	\$11,114,473	\$3,736,245	(\$1,389,024)	\$0	\$14,157,965
14 SPACE COAST	\$328,201	\$5,212,582	\$1,752,364	(\$579,159)	\$0	\$6,713,988
15 MARTIN SOLAR	\$7,303,900	\$30,306,890	\$9,827,962	(\$3,806,136)	\$0	\$43,632,616
16 Total	\$8,328,372	\$46,633,945	\$15,316,571	(\$5,774,319)	\$0	\$64,504,569

- (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.