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August 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 July 2011.

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

Sincerely,

John T. Butler

COM  
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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 overnight delivery (\*) or United States mail this 19<sup>th</sup> day of August 2011, to the following:

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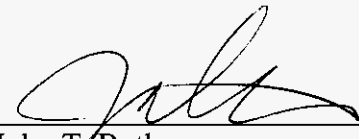
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By:   
\_\_\_\_\_  
John T. Butler  
Fla. Bar No. 283479

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

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,569	(59)	(18)	(173)
2	11,677	(60)	(18)	(173)
3	11,063	(59)	(18)	(173)
4	10,681	(59)	(17)	(173)
5	10,519	(57)	(17)	(171)
6	10,689	(57)	(16)	(171)
7	11,132	(52)	(10)	(162)
8	11,725	3,678	490	(146)
9	13,087	12,800	2,074	(150)
10	14,628	15,887	3,825	(153)
11	16,079	16,448	5,144	(156)
12	17,294	17,375	6,179	(156)
13	18,188	16,869	7,182	(156)
14	18,785	17,130	7,041	(158)
15	19,079	16,313	6,723	(158)
16	19,122	13,754	5,837	(156)
17	19,008	11,438	4,709	(156)
18	18,677	8,875	3,005	(155)
19	18,103	5,792	1,396	(155)
20	17,346	2,041	318	(154)
21	16,964	4	(12)	(167)
22	16,379	(60)	(19)	(174)
23	15,232	(59)	(18)	(175)
24	13,943	(58)	(18)	(175)

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

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	4,893	27.2%	0.05%	10,806,243
2	SPACE COAST	10	1,666	23.1%	0.02%	
3	MARTIN SOLAR	75	(121)	-0.2%	0.00%	
4	Total	110	6,438	8.1%	0.06%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	38,078	\$5.99	436	\$89.96	373	\$95.88
6	SPACE COAST	13,821	\$5.99	178	\$89.96	106	\$95.88
7	MARTIN SOLAR	(835)	\$5.99	(6)	\$89.96	(11)	\$95.88
8	Total	51,065	\$306,073	607	\$54,639	468	\$44,909

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,313	6	3	0.23
10	SPACE COAST	1,147	2	1	0.07
11	MARTIN SOLAR	(77)	1	0	0.00
12	Total	4,383	10	4	0.29

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$65,751	\$1,229,536	\$416,377	(\$154,336)	\$0	\$1,557,328
14	SPACE COAST	\$32,665	\$575,909	\$194,752	(\$64,351)	\$0	\$738,975
15	MARTIN SOLAR	\$1,462,433	\$3,360,720	\$1,097,035	(\$422,904)	\$0	\$5,497,284
16	Total	\$1,560,849	\$5,166,165	\$1,708,164	(\$641,591)	\$0	\$7,793,587

- (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 - July) 2011

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)
1	DESOTO	25	32,020	25.2%	59,503,698
2	SPACE COAST	10	11,684	23.0%	
3	MARTIN SOLAR	75	23,000	6.0%	
4	Total	110	66,704	11.9%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	257,450	\$5.92	4,422	\$85.58	1,931	\$82.39
6	SPACE COAST	95,067	\$5.92	1,588	\$85.58	681	\$82.39
7	MARTIN SOLAR	195,480	\$5.92	2,636	\$85.58	981	\$82.39
8	Total	547,997	\$3,245,950	8,646	\$739,905	3,593	\$296,027

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	21,727	41	28	1.15
10	SPACE COAST	7,936	15	10	0.41
11	MARTIN SOLAR	14,939	32	22	0.53
12	Total	44,602	89	60	2.09

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$562,967	\$8,666,135	\$2,903,449	(\$1,080,352)	\$0	\$11,052,199
14	SPACE COAST	\$252,622	\$4,065,747	\$1,362,758	(\$450,457)	\$0	\$5,230,670
15	MARTIN SOLAR	\$5,771,186	\$23,609,927	\$7,632,632	(\$2,960,328)	\$0	\$34,053,417
16	Total	\$6,586,775	\$36,341,809	\$11,898,839	(\$4,491,137)	\$0	\$50,336,286

- (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.