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June 17, 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 May 2011.

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

COM _____
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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 overnight delivery (*) or United States mail this 17th day of June 2011, to the following:

<p>Martha Brown, Esq. * Division of Legal Services Florida Public Service Commission 2540 Shumard Oak Blvd Tallahassee, Florida 32399-0850 mbrown@psc.state.fl.us</p>	<p>J. R. Kelly, Esq. Patricia Christensen, Esq. Charles Rehwinkel, Esq. Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, Room 812 Tallahassee, Florida 32399 Kelly.jr@leg.state.fl.us Christensen.patty@leg.state.fl.us beck.charles@leg.state.fl.us</p>
<p>James D. Beasley, Esq J. Jeffrey Wahlen, Esq. Ausley & McMullen Attorneys for Tampa Electric P.O. Box 391 Tallahassee, Florida 32302 jbeasley@ausley.com jwahlen@ausley.com</p>	<p>John T. Burnett, Esq. /Diane M. Triplett, Esq. Progress Energy Service Company, LLC P.O. Box 14042 St. Petersburg, Florida 33733-4042 john.burnett@pgnmail.com</p>
<p>Karen S. White, Esq. Staff Attorney AFLOA/JACL-ULT/FLOA/JACL-ULT 139 Barnes Drive, Suite 1 Tyndall AFB, FL 32403-5317 Attorney for the Federal Executive Agencies Allan.Jungels@tyndall.af.mil</p>	<p>Jon C. Moyle, Esq. and Vicki Kaufman, Esq. Keefe, Anchors Gordon & Moyle, P.A. 118 N. Gadsden St. Tallahassee, FL 32301 Co-Counsel for FIPUG vkaufman@kagmlaw.com jmoyle@kagmlaw.com</p>
<p>Jeffrey A. Stone, Esq. Russell A. Badders, Esq. Beggs & Lane Attorneys for Gulf Power 501 Commendencia Street Pensacola, FL 32502 jas@beggslane.com rab@beggslane.com</p>	<p>Gary V. Perko, Esq. Hopping Green & Sams P.O. Box 6526 Tallahassee, FL 32314 Attorneys for Progress Energy Florida GaryP@ghslaw.com</p>

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: May 2011

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (MWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,084	0	0	0
2	10,179	0	0	0
3	9,572	0	0	0
4	9,192	0	0	0
5	9,053	0	0	0
6	9,306	0	0	0
7	10,049	0	0	0
8	10,670	5	1	0
9	11,768	14	2	4
10	13,031	18	4	9
11	14,227	20	6	9
12	15,233	20	8	9
13	16,018	19	8	9
14	16,678	19	8	9
15	17,147	19	8	9
16	17,464	19	6	9
17	17,588	16	5	9
18	17,404	15	3	8
19	16,853	10	2	8
20	16,107	2	0	8
21	15,925	0	0	8
22	15,204	0	0	3
23	13,901	0	0	0
24	12,412	0	0	0

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	6,065	32.6%	0.07%	8,642,484
2	SPACE COAST	10	1,917	25.8%	0.02%	
3	MARTIN SOLAR	75	3,498	6.3%	0.04%	
4	Total	110	11,481	14.0%	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	46,339	\$5.75	954	\$84.34	443	\$95.34
6	SPACE COAST	15,237	\$5.75	303	\$84.34	128	\$95.34
7	MARTIN SOLAR	31,547	\$5.75	382	\$84.34	98	\$95.34
8	Total	93,124	\$535,806	1,639	\$138,261	669	\$63,739

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	4,344	8	5	0.31
10	SPACE COAST	1,382	3	2	0.09
11	MARTIN SOLAR	2,368	5	2	0.10
12	Total	8,093	15	9	0.50

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$81,984	\$1,236,497	\$415,102	(\$154,336)	\$0	\$1,579,247
14	SPACE COAST	\$32,054	\$579,244	\$194,735	(\$64,351)	\$0	\$741,682
15	MARTIN SOLAR	\$77,766	\$3,370,595	\$1,093,717	(\$422,904)	\$0	\$4,119,174
16	Total	\$191,804	\$5,186,336	\$1,703,554	(\$641,591)	\$0	\$6,440,103

- (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 - May) 2011

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	23,805	26.3%	0.06%	38,936,764
2	SPACE COAST	10	8,383	23.1%	0.02%	
3	MARTIN SOLAR	75	22,917	8.4%	0.06%	
4	Total	110	55,104	13.8%	0.14%	

	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	188,964	\$5.90	3,537	\$85.10	1,361	\$78.17
6	SPACE COAST	66,752	\$5.90	1,209	\$85.10	475	\$78.17
7	MARTIN SOLAR	190,122	\$5.90	2,363	\$85.10	1,095	\$78.17
8	Total	445,838	\$2,631,717	7,109	\$604,969	2,931	\$229,128

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	16,004	26	26	0.87
10	SPACE COAST	5,620	10	9	0.30
11	MARTIN SOLAR	15,159	27	23	0.68
12	Total	36,783	66	58	1.85

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$389,586	\$6,203,521	\$2,070,729	(\$771,680)	\$0	\$7,892,156
14	SPACE COAST	\$181,693	\$2,912,271	\$973,288	(\$321,755)	\$0	\$3,745,497
15	MARTIN SOLAR	\$848,079	\$16,881,940	\$5,439,621	(\$2,114,520)	\$0	\$21,055,120
16	Total	\$1,419,358	\$25,997,732	\$8,483,638	(\$3,207,955)	\$0	\$32,692,773

- (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.