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March 20, 2012

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

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Re: Docket No. 120007-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 February 2012.

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

Sincerely,

John T. Butler
John T. Butler

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Copy to: All parties of record

DOCUMENT NUMBER DATE
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CERTIFICATE OF SERVICE

Docket No. 120007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by overnight delivery (*) or United States mail this 20th day of March 2012, 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: February 2012

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	8,828	(52)	(18)	(191)
2	8,209	(51)	(17)	(191)
3	7,869	(51)	(17)	(191)
4	7,717	(50)	(17)	(192)
5	7,786	(51)	(17)	(194)
6	8,298	(52)	(17)	(198)
7	9,419	(53)	(16)	(482)
8	10,242	988	412	(710)
9	10,940	7,129	1,981	(432)
10	11,669	11,031	4,152	4,584
11	12,259	13,016	5,706	9,049
12	12,562	13,892	6,224	10,531
13	12,783	13,302	6,908	10,897
14	12,892	13,156	6,423	12,208
15	12,937	12,971	5,706	13,806
16	12,932	11,738	4,252	14,585
17	12,879	9,361	2,436	12,498
18	12,862	3,659	614	9,981
19	13,424	(2)	(16)	5,270
20	13,481	(55)	(21)	797
21	12,889	(54)	(20)	(125)
22	12,059	(54)	(19)	(191)
23	11,056	(53)	(18)	(189)
24	9,891	(52)	(18)	(190)

DOCUMENT NUMBER-DATS
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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: February 2012

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	18.3%	0.04%	7,424,020
2	SPACE COAST	10	18.6%	0.02%	
3	MARTIN SOLAR	75	5.6%	0.04%	
4	Total	110	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	2,580	5	\$116.86	1,349	\$87.57
6	SPACE COAST	908	1	\$116.86	552	\$87.57
7	MARTIN SOLAR	6,742	(2)	\$116.86	1,078	\$87.57
8	Total	10,230	4	\$499	2,979	\$260,853

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,183	2	6	0.70
10	SPACE COAST	1,292	1	3	0.28
11	MARTIN SOLAR	2,818	3	5	0.56
12	Total	7,292	5	14	1.54

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$59,302	\$1,208,118	\$417,678	(\$154,336)	\$0	\$1,530,763
14	SPACE COAST	\$16,450	\$564,196	\$194,848	(\$64,351)	\$0	\$711,144
15	MARTIN SOLAR	\$246,955	\$3,316,770	\$1,103,634	(\$422,904)	\$0	\$4,244,455
16	Total	\$322,708	\$5,089,084	\$1,716,160	(\$641,591)	\$0	\$6,486,361

- ⁽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 - February) 2012

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	6,886	19.1%	0.05%	15,301,285
2	SPACE COAST	10	2,833	19.7%	0.02%	
3	MARTIN SOLAR	75	7,938	7.3%	0.05%	
4	Total	110	17,657	11.1%	0.12%	

	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	20,993	\$5.35	6	\$105.09	1,784	\$86.44
6	SPACE COAST	8,977	\$5.35	2	\$105.09	701	\$86.44
7	MARTIN SOLAR	35,307	\$5.35	(1)	\$105.09	1,364	\$86.44
8	Total	65,277	\$348,974	7	\$685	3,850	\$332,750

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	5,212	3	8	0.90
10	SPACE COAST	2,092	1	3	0.35
11	MARTIN SOLAR	5,122	4	6	0.70
12	Total	12,427	8	18	1.95

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$134,971	\$2,420,376	\$835,556	(\$308,672)	\$0	\$3,082,231
14	SPACE COAST	\$30,569	\$1,130,077	\$390,252	(\$128,702)	\$0	\$1,422,196
15	MARTIN SOLAR	\$642,957	\$6,636,923	\$2,205,845	(\$845,808)	\$0	\$8,639,916
16	Total	\$808,496	\$10,187,376	\$3,431,653	(\$1,283,182)	\$0	\$13,144,343

- (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.