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June 20, 2012

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

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 May 2012.

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

Sincerely,

John T. Butler

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

Copy to: All parties of record

DOCUMENT NUMBER

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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 June 2012, to the following:

Charles Murphy, Esq.*
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Florida Public Service Commission
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Tallahassee, Florida 32399-0850

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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: May 2012

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,787	(57)	(18)	(236)
2	9,948	(56)	(18)	(234)
3	9,397	(56)	(18)	(218)
4	9,059	(54)	(18)	(200)
5	8,947	(53)	(17)	(195)
6	9,282	(53)	(17)	(207)
7	10,102	(28)	0	(668)
8	10,770	4,242	671	(723)
9	11,816	13,129	2,380	1,127
10	13,031	16,278	4,355	18,001
11	14,149	16,921	5,917	31,277
12	15,091	18,161	7,219	36,441
13	15,810	18,583	7,527	38,092
14	16,366	18,464	7,602	39,359
15	16,706	16,862	6,449	33,411
16	16,937	16,217	5,548	32,968
17	16,976	14,891	4,800	27,899
18	16,719	13,336	2,994	25,166
19	16,197	9,925	1,304	19,690
20	15,554	2,569	240	13,907
21	15,387	(62)	(21)	5,961
22	14,700	(58)	(20)	864
23	13,491	(57)	(19)	(253)
24	12,086	(57)	(19)	(249)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: May 2012

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	5,549	29.8%	8,992,889
2	SPACE COAST	10	1,761	23.7%	
3	MARTIN SOLAR	75	9,950	17.8%	
4	Total	110	17,260	21.1%	

	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	31,268	\$4.68	464	\$91.32	1077	\$82.13
6	SPACE COAST	9,652	\$4.68	159	\$91.32	353	\$82.13
7	MARTIN SOLAR	60,162	\$4.68	488	\$91.32	1891	\$82.13
8	Total	101,082	\$472,915	1,112	\$101,552	3,321	\$272,730

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	4,440	6	6	0.51
10	SPACE COAST	1,431	2	2	0.18
11	MARTIN SOLAR	8,029	11	10	1.00
12	Total	13,900	19	18	1.69

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$65,161	\$1,194,475	\$416,780	(\$154,336)	\$0	\$1,522,080
14	SPACE COAST	\$13,872	\$559,152	\$194,847	(\$64,351)	\$0	\$703,520
15	MARTIN SOLAR	\$370,538	\$3,321,061	\$1,105,393	(\$422,904)	\$0	\$4,374,088
16	Total	\$449,570	\$5,074,688	\$1,717,021	(\$641,591)	\$0	\$6,599,688

- (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) 2012

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	22,994	25.2%	0.06%	39,806,210
2	SPACE COAST	10	8,286	22.7%	0.02%	
3	MARTIN SOLAR	75	39,822	14.6%	0.10%	
4	Total	110	71,101	17.7%	0.18%	

	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	122,349	\$4.82	1,049	\$93.21	4,201	\$84.76
6	SPACE COAST	43,782	\$4.82	351	\$93.21	1,518	\$84.76
7	MARTIN SOLAR	245,592	\$4.82	1,870	\$93.21	6,054	\$84.76
8	Total	411,723	\$1,984,659	3,270	\$304,774	11,774	\$997,874

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	17,097	19	23	2.16
10	SPACE COAST	6,148	7	8	0.79
11	MARTIN SOLAR	29,014	36	34	3.27
12	Total	52,259	62	65	6.22

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$341,493	\$6,019,500	\$2,087,553	(\$771,680)	\$0	\$7,676,866
14	SPACE COAST	\$88,151	\$2,812,579	\$974,795	(\$321,755)	\$0	\$3,553,769
15	MARTIN SOLAR	\$1,477,677	\$16,597,748	\$5,520,324	(\$2,114,520)	\$0	\$21,481,230
16	Total	\$1,907,322	\$25,429,827	\$8,582,672	(\$3,207,955)	\$0	\$32,711,866

- (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.