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July 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 June 2012.

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

Sincerely,

John T. Butler

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Copy to: All parties of record

DOCUMENT NUMBER-DATE

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FPSC COMMISSION

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 July 2012, to the following:

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Tallahassee, Florida 32399-0850

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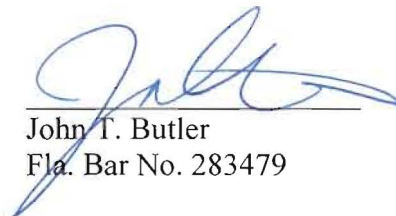
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By:


John T. Butler
Fla. Bar No. 283479

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

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,920	(53)	(19)	(250)
2	11,038	(52)	(18)	(240)
3	10,445	(52)	(18)	(222)
4	10,073	(51)	(17)	(201)
5	9,935	(51)	(17)	(198)
6	10,183	(52)	(17)	(207)
7	10,752	(11)	8	(646)
8	11,447	4,033	570	(635)
9	12,533	9,995	1,847	2,614
10	13,790	13,848	3,617	17,486
11	15,006	15,099	4,964	28,637
12	16,028	15,977	5,962	31,540
13	16,777	15,061	6,731	30,736
14	17,364	14,477	6,727	31,707
15	17,738	14,009	6,353	30,371
16	17,870	13,062	5,112	30,612
17	17,857	11,535	3,613	31,337
18	17,609	9,312	2,555	25,296
19	17,135	6,915	1,231	18,742
20	16,490	2,610	282	12,074
21	16,195	25	(13)	7,168
22	15,636	(55)	(21)	3,560
23	14,509	(53)	(20)	2,200
24	13,168	(53)	(19)	1,862

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,364	24.2%	0.05%	9,397,898
2	SPACE COAST	10	1,482	20.6%	0.02%	
3	MARTIN SOLAR	75	9,100	16.9%	0.10%	
4	Total	110	14,946	18.9%	0.16%	

	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	31,058	\$4.85	1,182	\$86.89	377	\$75.21
6	SPACE COAST	10,833	\$4.85	411	\$86.89	109	\$75.21
7	MARTIN SOLAR	72,353	\$4.85	2,164	\$86.89	514	\$75.21
8	Total	114,244	\$554,644	3,756	\$326,391	999	\$75,151

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,248	6	5	0.18
10	SPACE COAST	1,093	2	2	0.06
11	MARTIN SOLAR	6,588	12	8	0.37
12	Total	10,929	20	14	0.61

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$62,997	\$1,188,340	\$415,908	(\$154,336)	\$0	\$1,512,909
14	SPACE COAST	\$8,799	\$557,470	\$194,848	(\$64,351)	\$0	\$696,766
15	MARTIN SOLAR	\$399,643	\$3,316,873	\$1,105,491	(\$422,904)	\$0	\$4,399,103
16	Total	\$471,439	\$5,062,683	\$1,716,246	(\$641,591)	\$0	\$6,608,778

- (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 - June) 2012

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	27,358	25.1%	49,204,108
2	SPACE COAST	10	9,768	22.4%	
3	MARTIN SOLAR	75	48,922	14.9%	
4	Total	110	86,048	17.9%	

	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	153,406	\$4.83	2,231	\$89.83	4,578	\$84.01
6	SPACE COAST	54,616	\$4.83	762	\$89.83	1,627	\$84.01
7	MARTIN SOLAR	317,945	\$4.83	4,034	\$89.83	6,568	\$84.01
8	Total	525,967	\$2,539,302	7,026	\$631,165	12,773	\$1,073,025

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	20,345	25	27	2.34
10	SPACE COAST	7,241	9	10	0.85
11	MARTIN SOLAR	35,603	48	42	3.64
12	Total	63,188	82	79	6.83

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$404,490	\$7,207,840	\$2,503,461	(\$926,016)	\$0	\$9,189,775
14	SPACE COAST	\$96,950	\$3,370,049	\$1,169,642	(\$386,106)	\$0	\$4,250,535
15	MARTIN SOLAR	\$1,877,321	\$19,914,622	\$6,625,815	(\$2,537,424)	\$0	\$25,880,333
16	Total	\$2,378,761	\$30,492,510	\$10,298,918	(\$3,849,546)	\$0	\$39,320,643

- (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.