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June 20, 2013

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

Re: Docket No. 130007-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 2013. Additionally, FPL is revising its Solar Plant Operation Status Report for the month of April to correct the net generation for Sanford Unit 4 and Cape Canaveral Unit 3. (This affects the “Percent of Total Generation” values for the solar units)

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

COM _____
AFD _____
APA _____
ECO _____
ENG _____
GCL _____
IDM _____
TEL _____
CLK _____

Sincerely,

John T. Butler

Copy to: All parties of record

CERTIFICATE OF SERVICE

Docket No. 130007-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 2013, to the following:

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Tallahassee, Florida 32399-0850

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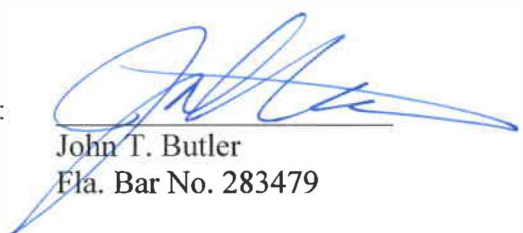
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By:


John T. Butler
Fla. Bar No. 283479

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: April 2013

Revised 6/20/2013

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)			
		DESOTO	SPACE COAST	MARTIN SOLAR	
1	1	10,077	(54)	(19)	(240)
2	2	9,278	(54)	(18)	(254)
3	3	8,774	(53)	(18)	(264)
4	4	8,495	(52)	(17)	(278)
5	5	8,457	(52)	(17)	(278)
6	6	8,872	(52)	(17)	(282)
7	7	9,870	(53)	(17)	(411)
8	8	10,516	1,698	316	(562)
9	9	11,260	9,893	1,881	(387)
10	10	12,322	14,319	3,785	8,033
11	11	13,276	16,791	5,229	22,326
12	12	13,985	17,464	6,407	27,513
13	13	14,511	17,290	7,391	29,269
14	14	14,958	17,143	7,683	29,441
15	15	15,309	16,651	6,956	25,484
16	16	15,577	15,154	6,190	26,363
17	17	15,677	13,331	4,750	24,316
18	18	15,532	10,494	2,947	19,760
19	19	15,088	6,600	1,212	17,295
20	20	14,623	879	113	11,240
21	21	14,689	(61)	(22)	4,020
22	22	13,911	(56)	(21)	196
23	23	12,703	(55)	(20)	(247)
24	24	11,331	(55)	(19)	(242)

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: April 2013

Revised 6/20/2013

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,713	26.2%	0.05%	8,660,765
2	SPACE COAST	10	1,640	22.8%	0.02%	
3	MARTIN SOLAR	75	7,254	13.4%	0.08%	
4	Total	110	13,607	17.2%	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	35,283	\$5.10	100	\$92.95	524	\$78.02
6	SPACE COAST	12,556	\$5.10	55	\$92.95	170	\$78.02
7	MARTIN SOLAR	59,086	\$5.10	259	\$92.95	624	\$78.02
8	Total	106,925	\$545,165	414	\$38,510	1,318	\$102,839

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,304	5	4	0.29
10	SPACE COAST	1,149	2	1	0.10
11	MARTIN SOLAR	5,012	9	6	0.36
12	Total	9,465	16	11	0.74

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$58,077	\$1,163,110	\$417,890	(\$154,336)	\$0	\$1,484,742
14	SPACE COAST	\$13,246	\$541,171	\$194,802	(\$64,351)	\$0	\$684,867
15	MARTIN SOLAR	\$358,890	\$3,290,140	\$1,134,910	(\$422,904)	\$0	\$4,361,036
16	Total	\$430,213	\$4,994,421	\$1,747,603	(\$641,591)	\$0	\$6,530,645

- (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 - April) 2013

Revised 6/20/2013

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	16,561	23.0%	0.05%	32,120,157
2	SPACE COAST	10	6,228	21.6%	0.02%	
3	MARTIN SOLAR	75	24,900	11.5%	0.08%	
4	Total	110	47,689	15.1%	0.15%	

	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	83,429	\$4.96	356	\$93.99	3,301	\$78.95
6	SPACE COAST	29,903	\$4.96	149	\$93.99	1,296	\$78.95
7	MARTIN SOLAR	139,387	\$4.96	934	\$93.99	4,204	\$78.95
8	Total	252,718	\$1,252,708	1,439	\$135,287	8,801	\$694,862

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	12,534	12	18	1.78
10	SPACE COAST	4,760	5	7	0.70
11	MARTIN SOLAR	18,169	20	26	2.30
12	Total	35,463	37	51	4.77

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$314,410	\$4,674,644	\$1,672,126	(\$617,344)	\$0	\$6,043,836
14	SPACE COAST	\$57,786	\$2,174,791	\$779,433	(\$257,404)	\$0	\$2,754,605
15	MARTIN SOLAR	\$1,312,867	\$13,210,239	\$4,539,173	(\$1,691,616)	\$0	\$17,370,663
16	Total	\$1,685,063	\$20,059,674	\$6,990,732	(\$2,566,364)	\$0	\$26,169,104

- (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: May 2013

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)			
		DESOTO	SPACE COAST	MARTIN SOLAR	
1	1	10,378	(52)	(19)	(271)
2	2	9,548	(52)	(18)	(270)
3	3	9,006	(51)	(18)	(275)
4	4	8,703	(50)	(17)	(344)
5	5	8,623	(50)	(17)	(374)
6	6	8,975	(51)	(17)	(427)
7	7	9,807	(21)	(4)	(668)
8	8	10,466	5,313	542	(755)
9	9	11,429	13,125	2,066	1,415
10	10	12,541	17,018	3,972	20,123
11	11	13,553	16,665	5,261	36,763
12	12	14,363	16,756	6,541	40,509
13	13	15,008	17,730	7,190	45,572
14	14	15,531	17,730	7,469	49,690
15	15	15,898	17,199	7,170	48,438
16	16	16,152	16,202	6,227	47,276
17	17	16,224	14,828	4,783	42,000
18	18	16,009	13,263	2,962	33,001
19	19	15,515	10,052	1,408	24,921
20	20	14,927	2,350	249	16,735
21	21	14,826	(58)	(21)	8,461
22	22	14,166	(54)	(21)	1,410
23	23	12,980	(53)	(20)	(275)
24	24	11,648	(54)	(19)	(270)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: May 2013

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	5,508	29.6%	0.06%	9,025,452
2	SPACE COAST	10	1,725	23.2%	0.02%	
3	MARTIN SOLAR	75	12,784	22.9%	0.14%	
4	Total	110	20,017	24.5%	0.22%	

	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	31,284	\$5.14	132	\$92.33	1093	\$78.02
6	SPACE COAST	9,392	\$5.14	51	\$92.33	364	\$78.02
7	MARTIN SOLAR	77,615	\$5.14	406	\$92.33	2355	\$78.02
8	Total	118,290	\$607,466	589	\$54,359	3,811	\$297,331

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	4,372	5	8	0.59
10	SPACE COAST	1,399	2	2	0.20
11	MARTIN SOLAR	10,086	14	17	1.28
12	Total	15,857	21	27	2.07

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$46,435	\$1,159,457	\$418,560	(\$154,336)	\$0	\$1,470,116
14	SPACE COAST	\$24,183	\$539,482	\$195,043	(\$64,351)	\$0	\$694,357
15	MARTIN SOLAR	\$286,474	\$3,282,399	\$1,134,915	(\$422,904)	\$0	\$4,280,885
16	Total	\$357,092	\$4,981,339	\$1,748,518	(\$641,591)	\$0	\$6,445,358

- (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) 2013

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	22,069	24.4%	0.05%	41,145,609
2	SPACE COAST	10	7,953	21.9%	0.02%	
3	MARTIN SOLAR	75	37,684	13.9%	0.09%	
4	Total	110	67,706	17.0%	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	114,712	\$5.01	488	\$93.51	4,394	\$78.67
6	SPACE COAST	39,294	\$5.01	200	\$93.51	1,660	\$78.67
7	MARTIN SOLAR	217,001	\$5.01	1,340	\$93.51	6,559	\$78.67
8	Total	371,008	\$1,860,174	2,028	\$189,646	12,612	\$992,193

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	16,906	18	25	2.37
10	SPACE COAST	6,158	6	9	0.90
11	MARTIN SOLAR	28,255	34	43	3.58
12	Total	51,320	58	77	6.84

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$360,845	\$5,834,101	\$2,090,686	(\$771,680)	\$0	\$7,513,952
14	SPACE COAST	\$81,969	\$2,714,273	\$974,476	(\$321,755)	\$0	\$3,448,963
15	MARTIN SOLAR	\$1,599,341	\$16,492,638	\$5,674,088	(\$2,114,520)	\$0	\$21,651,547
16	Total	\$2,042,155	\$25,041,012	\$8,739,250	(\$3,207,955)	\$0	\$32,614,462

- (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.