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April 22, 2013

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

RECEIVED-FPSC  
13 APR 22 AM 11:08  
COMMISSION  
CLERK

**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 March 2013. Additionally, FPL is revising its Solar Plant Operation Status Report for the months of January and February to correct the net generation for Sanford Unit 3.

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

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Sincerely,  
  
John T. Butler

Copy to: All parties of record

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**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 22<sup>nd</sup> day of April 2013, to the following:

Charles Murphy, Esq. \*  
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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: January 2013

REVISED 4/22/13

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	8,727	(51)	(18)	(261)
2	8,125	(50)	(17)	(264)
3	7,780	(50)	(17)	(263)
4	7,625	(50)	(17)	(263)
5	7,668	(51)	(17)	(262)
6	8,146	(52)	(17)	(268)
7	9,180	(53)	(17)	(369)
8	9,918	508	117	(734)
9	10,591	7,506	1,905	(748)
10	11,363	12,489	3,919	1,960
11	12,014	14,002	5,407	10,820
12	12,386	13,616	6,602	15,397
13	12,617	13,238	6,715	17,684
14	12,743	12,432	6,343	20,704
15	12,783	11,161	5,081	20,879
16	12,764	10,174	3,461	20,384
17	12,677	8,028	1,647	19,020
18	12,738	1,383	163	13,559
19	13,469	(60)	(21)	4,685
20	13,243	(52)	(20)	926
21	12,614	(50)	(20)	(261)
22	11,763	(50)	(19)	(258)
23	10,783	(51)	(19)	(258)
24	9,665	(51)	(18)	(258)

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

REVISED 4/22/13

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	3,220	17.3%	0.04%	7,975,989
2	SPACE COAST	10	1,275	17.1%	0.02%	
3	MARTIN SOLAR	75	4,388	7.9%	0.06%	
4	Total	110	8,883	10.9%	0.11%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	5,339	\$4.89	33	\$89.78	1163	\$78.84
6	SPACE COAST	2,017	\$4.89	14	\$89.78	465	\$78.84
7	MARTIN SOLAR	8,977	\$4.89	23	\$89.78	1498	\$78.84
8	Total	16,332	\$79,939	71	\$6,363	3,126	\$246,462

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,956	1	5	0.62
10	SPACE COAST	1,175	1	2	0.25
11	MARTIN SOLAR	3,921	2	8	0.79
12	Total	8,052	4	15	1.66

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$78,908	\$1,174,127	\$417,340	(\$154,336)	\$0	\$1,516,039
14	SPACE COAST	\$24,030	\$546,223	\$194,850	(\$64,351)	\$0	\$700,752
15	MARTIN SOLAR	\$347,709	\$3,315,723	\$1,134,584	(\$422,904)	\$0	\$4,375,111
16	Total	\$450,647	\$5,036,073	\$1,746,774	(\$641,591)	\$0	\$6,591,902

- <sup>(1)</sup> Net Generation data represents a calendar month.
- <sup>(2)</sup> Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3.
- <sup>(3)</sup> Fuel Cost per unit data from Schedule A4.
- <sup>(4)</sup> Carrying Cost data represents return on average net investment.
- <sup>(5)</sup> Capital Cost data represents depreciation expense on net investment.
- <sup>(6)</sup> 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 - January) 2013

REVISED 4/22/13

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	3,220	17.3%	0.04%	7,975,989
2	SPACE COAST	10	1,275	17.1%	0.02%	
3	MARTIN SOLAR	75	4,388	7.9%	0.06%	
4	Total	110	8,883	10.9%	0.11%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	5,339	\$4.89	33	\$89.78	1,163	\$78.84
6	SPACE COAST	2,017	\$4.89	14	\$89.78	465	\$78.84
7	MARTIN SOLAR	8,977	\$4.89	23	\$89.78	1,498	\$78.84
8	Total	16,332	\$79,939	71	\$6,363	3,126	\$246,462

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,956	1	5	0.62
10	SPACE COAST	1,175	1	2	0.25
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12	Total	8,052	4	15	1.66

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$78,908	\$1,174,127	\$417,340	(\$154,336)	\$0	\$1,516,039
14	SPACE COAST	\$24,030	\$546,223	\$194,850	(\$64,351)	\$0	\$700,752
15	MARTIN SOLAR	\$347,709	\$3,315,723	\$1,134,584	(\$422,904)	\$0	\$4,375,111
16	Total	\$450,647	\$5,036,073	\$1,746,774	(\$641,591)	\$0	\$6,591,902

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

REVISED 4/22/13

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	8,916	(47)	(17)	(267)
2	8,322	(46)	(17)	(289)
3	8,026	(47)	(17)	(294)
4	7,921	(48)	(17)	(294)
5	8,026	(49)	(17)	(301)
6	8,598	(48)	(17)	(301)
7	9,782	53	(17)	(447)
8	10,618	1,808	490	(695)
9	11,281	10,212	2,899	(589)
10	11,881	14,902	4,831	9,879
11	12,346	15,273	6,578	24,089
12	12,580	14,382	7,638	28,553
13	12,720	14,904	7,714	29,215
14	12,779	14,722	7,021	33,105
15	12,791	12,998	6,432	35,192
16	12,791	12,015	4,797	35,751
17	12,754	11,174	2,784	31,972
18	12,738	4,110	731	23,469
19	13,275	(10)	(16)	9,767
20	13,360	(51)	(21)	3,658
21	12,784	(50)	(20)	(132)
22	11,961	(49)	(19)	(258)
23	10,967	(48)	(18)	(256)
24	9,862	(48)	(18)	(255)

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

REVISED 4/22/13

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	3,528	21.0%	0.05%	7,534,903
2	SPACE COAST	10	1,447	21.5%	0.02%	
3	MARTIN SOLAR	75	7,288	14.5%	0.10%	
4	Total	110	12,263	16.6%	0.16%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	11,313	\$4.85	35	\$94.75	1,071	\$79.08
6	SPACE COAST	4,153	\$4.85	13	\$94.75	455	\$79.08
7	MARTIN SOLAR	31,291	\$4.85	12	\$94.75	1,840	\$79.08
8	Total	46,757	\$226,679	59	\$5,616	3,366	\$266,152

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,098	2	5	0.57
10	SPACE COAST	1,278	1	2	0.24
11	MARTIN SOLAR	5,992	5	10	0.98
12	Total	10,367	9	17	1.79

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$77,437	\$1,170,546	\$420,817	(\$154,336)	\$0	\$1,514,464
14	SPACE COAST	\$29,424	\$544,539	\$195,268	(\$64,351)	\$0	\$704,881
15	MARTIN SOLAR	\$299,413	\$3,306,606	\$1,134,787	(\$422,904)	\$0	\$4,317,902
16	Total	\$406,274	\$5,021,691	\$1,750,872	(\$641,591)	\$0	\$6,537,246

- <sup>(1)</sup> Net Generation data represents a calendar month.
- <sup>(2)</sup> Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3.
- <sup>(3)</sup> Fuel Cost per unit data from Schedule A4.
- <sup>(4)</sup> Carrying Cost data represents return on average net investment.
- <sup>(5)</sup> Capital Cost data represents depreciation expense on net investment.
- <sup>(6)</sup> 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) 2013

REVISED 4/22/13

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)
1 DESOTO	25	6,748	19.1%	0.04%	15,510,892
2 SPACE COAST	10	2,722	19.2%	0.02%	
3 MARTIN SOLAR	75	11,676	11.0%	0.08%	
4 Total	110	21,146	13.6%	0.14%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)
5 DESOTO	16,652	\$4.86	68	\$92.04	2,234	\$78.96
6 SPACE COAST	6,170	\$4.86	27	\$92.04	920	\$78.96
7 MARTIN SOLAR	40,267	\$4.86	35	\$92.04	3,338	\$78.96
8 Total	63,089	\$306,619	130	\$11,979	6,492	\$512,614

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	6,055	4	11	1.19
10 SPACE COAST	2,452	1	4	0.49
11 MARTIN SOLAR	9,912	8	17	1.77
12 Total	18,419	13	33	3.45

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$156,345	\$2,344,672	\$838,157	(\$308,672)	\$0	\$3,030,502
14 SPACE COAST	\$53,454	\$1,090,763	\$390,118	(\$128,702)	\$0	\$1,405,633
15 MARTIN SOLAR	\$647,122	\$6,622,328	\$2,269,371	(\$845,808)	\$0	\$8,693,013
16 Total	\$856,921	\$10,057,764	\$3,497,646	(\$1,283,182)	\$0	\$13,129,149

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

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	8,803	(53)	(18)	(230)
2	8,027	(53)	(18)	(234)
3	8,025	(52)	(18)	(238)
4	7,964	(52)	(17)	(253)
5	8,122	(52)	(17)	(252)
6	8,725	(53)	(17)	(277)
7	9,923	(51)	(15)	(328)
8	10,845	1,599	396	(489)
9	11,217	9,875	2,109	733
10	11,522	15,626	4,514	8,999
11	11,759	18,024	6,360	20,495
12	11,827	17,992	7,787	22,991
13	11,804	17,774	8,555	22,018
14	11,739	17,599	8,202	22,221
15	11,699	16,670	7,692	22,614
16	11,775	15,907	6,557	21,139
17	11,853	15,308	4,789	20,812
18	11,929	12,321	2,620	16,554
19	12,059	6,014	798	9,940
20	12,292	372	35	4,559
21	12,387	(59)	(21)	1,839
22	11,751	(56)	(20)	360
23	10,836	(55)	(19)	(164)
24	9,745	(54)	(19)	(229)

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

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)	
1	DESOTO	25	5,099	27.4%	0.06%	7,948,500
2	SPACE COAST	10	1,867	25.1%	0.02%	
3	MARTIN SOLAR	75	5,970	10.7%	0.08%	
4	Total	110	12,936	15.8%	0.16%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)	
5	DESOTO	31,494	\$4.85	187	\$94.76	544	\$80.08
6	SPACE COAST	11,177	\$4.85	68	\$94.76	207	\$80.08
7	MARTIN SOLAR	40,034	\$4.85	640	\$94.76	241	\$80.08
8	Total	82,704	\$400,924	895	\$84,798	992	\$79,409

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,175	3	3	0.30
10	SPACE COAST	1,158	1	1	0.11
11	MARTIN SOLAR	3,244	4	3	0.17
12	Total	7,578	8	7	0.58

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$99,988	\$1,166,861	\$416,079	(\$154,336)	\$0	\$1,528,592
14	SPACE COAST	(\$8,914)	\$542,857	\$194,513	(\$64,351)	\$0	\$664,105
15	MARTIN SOLAR	\$306,856	\$3,297,771	\$1,134,891	(\$422,904)	\$0	\$4,316,614
16	Total	\$397,929	\$5,007,490	\$1,745,483	(\$641,591)	\$0	\$6,509,311

- (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.
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Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: Year-to-Date (January - March) 2013

	Net Capability (MW)	<sup>(1)</sup> Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	<sup>(2)</sup> Total System Net Generation (MWh)
1 DESOTO	25	11,848	21.9%	0.05%	23,459,392
2 SPACE COAST	10	4,589	21.2%	0.02%	
3 MARTIN SOLAR	75	17,646	10.9%	0.08%	
4 Total	110	34,082	14.3%	0.15%	

	Natural Gas Displaced (MCF)	<sup>(2)</sup> Cost of NG (\$/MCF)	Oil Displaced (Bbls)	<sup>(2)</sup> Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	<sup>(3)</sup> Cost of Coal (\$/Ton)
5 DESOTO	48,145	\$4.85	256	\$94.41	2,777	\$79.11
6 SPACE COAST	17,347	\$4.85	95	\$94.41	1,126	\$79.11
7 MARTIN SOLAR	80,301	\$4.85	675	\$94.41	3,580	\$79.11
8 Total	145,793	\$707,543	1,025	\$96,777	7,483	\$592,022

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	9,230	7	14	1.49
10 SPACE COAST	3,611	3	6	0.60
11 MARTIN SOLAR	13,157	11	21	1.94
12 Total	25,997	21	40	4.03

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$256,333	\$3,511,534	\$1,254,236	(\$463,008)	\$0	\$4,559,095
14 SPACE COAST	\$44,540	\$1,633,620	\$584,631	(\$193,053)	\$0	\$2,069,738
15 MARTIN SOLAR	\$953,977	\$9,920,099	\$3,404,262	(\$1,268,712)	\$0	\$13,009,627
16 Total	\$1,254,850	\$15,065,253	\$5,243,129	(\$1,924,773)	\$0	\$19,638,460

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