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February 20, 2014

Ms. Carlotta S. Stauffer  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 140007-EI**

Dear Ms. Stauffer:

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 January 2014. Additionally, FPL has corrected the Martin Solar generation for November 2013, which affects the Solar Plant Operation Status Report for the month of November as well as November YTD and December YTD. The original and ten (10) copies of the corrected sheets are also enclosed for filing.

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

- COM \_\_\_\_\_
- AFD   1
- APA   1
- ECO   1
- ENG   6
- GCL   1
- IDM \_\_\_\_\_
- TEL \_\_\_\_\_
- CLK \_\_\_\_\_

Sincerely,  
  
John T. Butler

Copy to: All parties of record

**CERTIFICATE OF SERVICE**

**Docket No. 140007-EI**

**I HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by overnight delivery (\*) or United States mail this 20<sup>th</sup> day of February 2014, 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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c/o The Florida Legislature  
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Tallahassee, FL 32308

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 2014

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)			
		DESOTO	SPACE COAST	MARTIN SOLAR	
1	1	9,593	(50)	(18)	(243)
2	2	9,113	(51)	(18)	(245)
3	3	8,882	(50)	(17)	(247)
4	4	8,831	(50)	(17)	(245)
5	5	9,000	(51)	(17)	(246)
6	6	9,637	(52)	(17)	(246)
7	7	10,881	(52)	(16)	(264)
8	8	11,759	453	83	(455)
9	9	12,269	6,667	1,460	(486)
10	10	12,677	10,972	3,232	3,745
11	11	12,901	12,571	4,793	12,545
12	12	12,916	12,158	5,757	17,901
13	13	12,794	11,131	5,711	19,953
14	14	12,729	11,206	5,357	20,415
15	15	12,581	10,201	4,197	21,503
16	16	12,471	9,827	3,160	21,632
17	17	12,456	7,366	1,603	19,896
18	18	12,844	1,275	120	12,666
19	19	13,768	(60)	(23)	2,833
20	20	13,630	(53)	(22)	(30)
21	21	13,134	(51)	(21)	(241)
22	22	12,378	(50)	(20)	(240)
23	23	11,470	(49)	(19)	(240)
24	24	10,449	(49)	(19)	(240)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: January 2014

	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	2,888	15.5%	0.03%	8,613,018
2	SPACE COAST	10	1,092	14.7%	0.01%	
3	MARTIN SOLAR	75	4,632	8.3%	0.05%	
4	Total	110	8,612	10.5%	0.10%	

	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	13,290	\$5.60	1	\$92.76	571	\$73.76
6	SPACE COAST	4,945	\$5.60	0	\$92.76	219	\$73.76
7	MARTIN SOLAR	21,374	\$5.60	0	\$92.76	811	\$73.76
8	Total	39,609	\$221,874	1	\$120	1,600	\$118,040

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,066	2	4	0.30
10	SPACE COAST	784	1	1	0.12
11	MARTIN SOLAR	3,082	2	5	0.43
12	Total	5,932	4	9	0.86

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$91,559	\$1,139,126	\$418,869	(\$154,336)	\$0	\$1,495,219
14	SPACE COAST	\$33,814	\$530,797	\$195,013	(\$64,351)	\$0	\$695,273
15	MARTIN SOLAR	\$382,554	\$3,307,831	\$1,135,711	(\$422,904)	\$0	\$4,403,192
16	Total	\$507,927	\$4,977,754	\$1,749,593	(\$641,591)	\$0	\$6,593,684

- <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) 2014

	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	2,888	15.5%	0.03%	8,613,018
2	SPACE COAST	10	1,092	14.7%	0.01%	
3	MARTIN SOLAR	75	4,632	8.3%	0.05%	
4	Total	110	8,612	10.5%	0.10%	

	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)	
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16	Total	\$507,927	\$4,977,754	\$1,749,593	(\$641,591)	\$0	\$6,593,684

- (1) Net Generation data represents a calendar month.
- (2) Total System Net Generation from Schedule A3. Fuel Cost per unit data from Schedule A3.
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Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: November 2013

Revised 2/20/2014

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,571	(51)	77	(303)
2	8,993	(51)	85	(310)
3	8,594	(51)	94	(312)
4	8,387	(51)	102	(304)
5	8,396	(51)	110	(300)
6	8,802	(52)	119	(307)
7	9,680	(51)	129	(515)
8	10,368	2,279	649	(741)
9	11,280	8,160	2,152	(668)
10	12,311	11,560	3,788	1,584
11	13,143	12,075	4,988	7,924
12	13,721	12,353	5,008	12,154
13	14,095	12,275	4,956	12,565
14	14,267	11,096	4,425	11,446
15	14,258	10,659	3,633	12,167
16	14,113	8,020	2,537	11,676
17	13,836	4,956	1,160	11,159
18	13,964	918	258	6,320
19	14,346	34	79	2,040
20	13,918	(52)	77	(108)
21	13,304	(52)	83	(272)
22	12,497	(52)	88	(269)
23	11,563	(52)	94	(273)
24	10,509	(53)	99	(285)

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

Revised 2/20/2014

	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	2,813	15.6%	0.03%	8,166,237
2 SPACE COAST	10	1,044	14.5%	0.01%	
3 MARTIN SOLAR	75	2,531	4.7%	0.03%	
4 Total	110	6,388	8.1%	0.08%	

	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	14,126	\$4.87	8	\$92.96	636	\$71.35
6 SPACE COAST	5,022	\$4.87	2	\$92.96	247	\$71.35
7 MARTIN SOLAR	12,459	\$4.87	6	\$92.96	551	\$71.35
8 Total	31,607	\$153,805	16	\$1,485	1,434	\$102,335

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	2,267	3	4	0.34
10 SPACE COAST	854	1	2	0.13
11 MARTIN SOLAR	1,976	3	4	0.29
12 Total	5,097	7	10	0.77

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$45,899	\$1,146,486	\$418,878	(\$154,336)	\$0	\$1,456,928
14 SPACE COAST	\$19,109	\$534,198	\$194,992	(\$64,351)	\$0	\$683,949
15 MARTIN SOLAR	\$279,817	\$3,300,125	\$1,135,459	(\$422,904)	\$0	\$4,292,498
16 Total	\$344,826	\$4,980,810	\$1,749,330	(\$641,591)	\$0	\$6,433,375

- (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.
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- (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 - November) 2013

Revised 2/20/2014

	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	47,045	23.5%	0.05%	98,359,671
2 SPACE COAST	10	16,919	21.1%	0.02%	
3 MARTIN SOLAR	75	83,870	14.0%	0.09%	
4 Total	110	147,834	16.8%	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	269,075	\$4.90	972	\$94.11	9,349	\$75.17
6 SPACE COAST	97,736	\$4.90	345	\$94.11	3,321	\$75.17
7 MARTIN SOLAR	576,619	\$4.90	2,470	\$94.11	13,101	\$75.17
8 Total	943,429	\$4,624,295	3,787	\$356,412	25,771	\$1,937,204

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	37,391	49	59	5.05
10 SPACE COAST	13,409	18	22	1.79
11 MARTIN SOLAR	64,698	99	93	7.17
12 Total	115,498	166	174	14.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$670,644	\$12,757,415	\$4,607,255	(\$1,697,696)	\$0	\$16,337,618
14 SPACE COAST	\$178,575	\$5,938,455	\$2,143,816	(\$707,861)	\$0	\$7,552,985
15 MARTIN SOLAR	\$2,934,105	\$36,212,363	\$12,485,418	(\$4,651,944)	\$0	\$46,979,942
16 Total	\$3,783,324	\$54,908,234	\$19,236,489	(\$7,057,501)	\$0	\$70,870,546

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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 - December) 2013

Revised 2/20/2014

	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	49,829	22.8%	106,695,455
2	SPACE COAST	10	18,152	20.7%	
3	MARTIN SOLAR	75	87,134	13.3%	
4	Total	110	155,115	16.1%	

	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	283,178	\$4.92	973	\$94.11	9,880	\$75.09
6	SPACE COAST	103,785	\$4.92	345	\$94.11	3,563	\$75.09
7	MARTIN SOLAR	602,271	\$4.92	2,488	\$94.11	13,264	\$75.09
8	Total	989,233	\$4,863,743	3,806	\$358,191	26,707	\$2,005,286

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	39,416	51	63	5.33
10	SPACE COAST	14,309	19	24	1.92
11	MARTIN SOLAR	66,579	103	96	7.26
12	Total	120,303	173	183	14.51

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$846,382	\$13,900,222	\$5,026,134	(\$1,852,032)	\$0	\$17,920,706
14	SPACE COAST	\$192,931	\$6,470,953	\$2,338,818	(\$772,212)	\$0	\$8,230,491
15	MARTIN SOLAR	\$3,321,577	\$39,517,814	\$13,621,091	(\$5,074,848)	\$0	\$51,385,634
16	Total	\$4,360,891	\$59,888,989	\$20,986,043	(\$7,699,092)	\$0	\$77,536,831

- (1) Net Generation data represents a calendar month.
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