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September 20, 2011

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

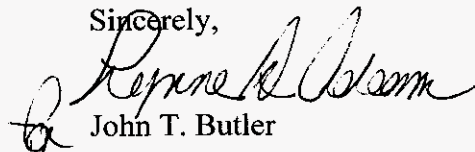
Re: **Docket No. 110007-EI**

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 August 2011. In addition, FPL is enclosing for filing the original and ten (10) copies of its revised Solar Plant Operation Status Report for the month of July 2010. The July Report has been revised to correct the system net generation data.

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

DOCUMENT NUMBER-DATE

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CERTIFICATE OF SERVICE

Docket No. 110007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by hand delivery (*) or United States mail this 20th day of September 2011, to the following:

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By: 
John T. Butler
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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: July 2011

REVISED 09/20/2011

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,569	(59)	(18)	(173)
2	11,677	(60)	(18)	(173)
3	11,063	(59)	(18)	(173)
4	10,681	(59)	(17)	(173)
5	10,519	(57)	(17)	(171)
6	10,689	(57)	(16)	(171)
7	11,132	(52)	(10)	(162)
8	11,725	3,678	490	(146)
9	13,087	12,800	2,074	(150)
10	14,628	15,887	3,825	(153)
11	16,079	16,448	5,144	(156)
12	17,294	17,375	6,179	(156)
13	18,188	16,869	7,182	(156)
14	18,785	17,130	7,041	(158)
15	19,079	16,313	6,723	(158)
16	19,122	13,754	5,837	(156)
17	19,008	11,438	4,709	(156)
18	18,677	8,875	3,005	(155)
19	18,103	5,792	1,396	(155)
20	17,346	2,041	318	(154)
21	16,964	4	(12)	(167)
22	16,379	(60)	(19)	(174)
23	15,232	(59)	(18)	(175)
24	13,943	(58)	(18)	(175)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: July 2011

REVISED 09/20/2011

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	4,893	27.2%	10,806,029
2	SPACE COAST	10	1,666	23.1%	
3	MARTIN SOLAR	75	(121)	-0.2%	
4	Total	110	6,438	8.1%	

	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	38,078	\$5.99	436	\$89.96	373	\$95.88
6	SPACE COAST	13,821	\$5.99	178	\$89.96	106	\$95.88
7	MARTIN SOLAR	(835)	\$5.99	(6)	\$89.96	(11)	\$95.88
8	Total	51,065	\$306,073	607	\$54,639	468	\$44,909

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,313	6	3	0.23
10	SPACE COAST	1,147	2	1	0.07
11	MARTIN SOLAR	(77)	1	0	0.00
12	Total	4,383	10	4	0.29

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$65,751	\$1,229,536	\$416,377	(\$154,336)	\$0	\$1,557,328
14	SPACE COAST	\$32,665	\$575,909	\$194,752	(\$64,351)	\$0	\$738,975
15	MARTIN SOLAR	\$1,462,433	\$3,360,720	\$1,097,035	(\$422,904)	\$0	\$5,497,284
16	Total	\$1,560,849	\$5,166,165	\$1,708,164	(\$641,591)	\$0	\$7,793,587

- (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 - July) 2011

REVISED 09/20/2011

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	32,020	25.2%	59,503,484
2	SPACE COAST	10	11,684	23.0%	
3	MARTIN SOLAR	75	23,000	6.0%	
4	Total	110	66,704	11.9%	

	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	257,450	\$5.92	4,422	\$85.58	1,931	\$82.39
6	SPACE COAST	95,067	\$5.92	1,588	\$85.58	681	\$82.39
7	MARTIN SOLAR	195,480	\$5.92	2,636	\$85.58	981	\$82.39
8	Total	547,997	\$3,245,950	8,646	\$739,905	3,593	\$296,027

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	21,727	41	28	1.15
10	SPACE COAST	7,936	15	10	0.41
11	MARTIN SOLAR	14,939	32	22	0.53
12	Total	44,602	89	60	2.09

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$562,967	\$8,666,135	\$2,903,449	(\$1,080,352)	\$0	\$11,052,199
14	SPACE COAST	\$252,622	\$4,065,747	\$1,362,758	(\$450,457)	\$0	\$5,230,670
15	MARTIN SOLAR	\$5,771,186	\$23,609,927	\$7,632,632	(\$2,960,328)	\$0	\$34,053,417
16	Total	\$6,586,775	\$36,341,809	\$11,898,839	(\$4,491,137)	\$0	\$50,336,286

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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: August 2011

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,667	(53)	(19)	(181)
2	11,822	(53)	(18)	(180)
3	11,241	(53)	(18)	(180)
4	10,873	(53)	(18)	(180)
5	10,746	(51)	(17)	(179)
6	10,998	(51)	(18)	(178)
7	11,715	(51)	(18)	(173)
8	12,224	2,123	344	(196)
9	13,408	11,850	1,875	(284)
10	14,977	16,253	4,077	(313)
11	16,475	16,462	5,689	(312)
12	17,667	15,778	6,375	(209)
13	18,491	15,880	6,841	277
14	19,003	16,249	6,125	273
15	19,196	16,397	5,552	265
16	19,159	13,745	4,668	282
17	18,934	11,547	3,695	279
18	18,514	7,573	2,253	266
19	17,936	4,285	1,162	282
20	17,310	982	202	(187)
21	17,175	(54)	(21)	(184)
22	16,391	(52)	(22)	(182)
23	15,166	(53)	(21)	(182)
24	13,824	(54)	(20)	(182)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: August 2011

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	4,605	24.8%	0.04%	10,333,567
2 SPACE COAST	10	1,508	20.3%	0.01%	
3 MARTIN SOLAR	75	(48)	-0.1%	0.00%	
4 Total	110	6,065	7.4%	0.06%	

	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	44,776	\$5.92	217	\$87.86	188	\$55.66
6 SPACE COAST	15,464	\$5.92	71	\$87.86	34	\$55.66
7 MARTIN SOLAR	(204)	\$5.92	(6)	\$87.86	(12)	\$55.66
8 Total	60,036	\$355,448	282	\$24,784	210	\$11,678

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	3,095	8	3	0.05
10 SPACE COAST	1,010	3	1	0.01
11 MARTIN SOLAR	(37)	3	(0)	0.00
12 Total	4,068	13	4	0.06

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$68,048	\$1,225,978	\$416,398	(\$154,336)	\$0	\$1,556,088
14 SPACE COAST	\$38,215	\$574,248	\$194,786	(\$64,351)	\$0	\$742,898
15 MARTIN SOLAR	(\$4,370,565)	\$3,352,874	\$1,097,665	(\$422,904)	\$0	(\$342,930)
16 Total	(\$4,264,302)	\$5,153,100	\$1,708,849	(\$641,591)	\$0	\$1,956,056

- (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: Year-to-Date (January - August) 2011

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	36,625	25.1%	69,837,051
2	SPACE COAST	10	13,192	22.6%	
3	MARTIN SOLAR	75	22,951	5.2%	
4	Total	110	72,768	11.3%	

	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	302,226	\$5.92	4,640	\$85.65	2,119	\$80.91
6	SPACE COAST	110,531	\$5.92	1,659	\$85.65	715	\$80.91
7	MARTIN SOLAR	195,276	\$5.92	2,629	\$85.65	969	\$80.91
8	Total	608,033	\$3,601,398	8,928	\$764,689	3,803	\$307,705

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	24,822	49	31	1.19
10	SPACE COAST	8,946	18	11	0.43
11	MARTIN SOLAR	14,902	35	22	0.53
12	Total	48,670	102	64	2.15

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$631,015	\$9,892,113	\$3,319,847	(\$1,234,688)	\$0	\$12,608,287
14	SPACE COAST	\$290,837	\$4,639,995	\$1,557,544	(\$514,808)	\$0	\$5,973,568
15	MARTIN SOLAR	\$1,400,621	\$26,962,801	\$8,730,297	(\$3,383,232)	\$0	\$33,710,487
16	Total	\$2,322,473	\$41,494,909	\$13,607,688	(\$5,132,728)	\$0	\$52,292,342

- (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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