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September 21, 2015

-VIA ELECTRONIC FILING -

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

Re: Docket No. 150007-EI

Dear Ms. Stauffer:

I enclose for electronic filing in the above docket; Florida Power & Light Company's ("FPL") Solar Plant Operation Status Report for the month of August 2015, 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.

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

Sincerely,

s/ John T. Butler

John T. Butler

Enclosures

cc: Counsel for Parties of Record (w/encl.)

CERTIFICATE OF SERVICE
Docket No. 150007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 21st day of September 2015, to the following:

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By: s/John T. Butler
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Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: August 2015

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,412	(52)	(18)	(411)
2	12,512	(52)	(18)	(460)
3	11,900	(52)	(17)	(486)
4	11,504	(51)	(17)	(488)
5	11,357	(51)	(17)	(484)
6	11,640	(52)	(16)	(569)
7	12,274	(53)	(16)	(548)
8	12,729	1,976	309	(662)
9	13,950	10,612	1,795	(102)
10	15,607	14,849	3,803	9,031
11	17,211	15,972	5,448	24,426
12	18,575	16,164	6,309	36,279
13	19,592	15,810	6,432	42,662
14	20,305	14,768	6,580	43,109
15	20,616	13,599	6,115	38,313
16	20,673	12,862	4,783	33,448
17	20,493	10,131	3,269	27,819
18	20,003	8,367	2,216	17,620
19	19,280	4,389	986	12,604
20	18,578	1,075	165	8,318
21	18,276	(63)	(11)	1,636
22	17,379	(54)	(13)	(76)
23	16,082	(53)	(14)	(343)
24	14,695	(52)	(16)	(376)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: August 2015

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	4,340	23.3%	0.04%	11,137,372
2	SPACE COAST	10	1,489	20.0%	0.01%	
3	MARTIN SOLAR	75	8,998	16.1%	0.08%	
4	Total	110	14,827	18.1%	0.13%	

	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	34,809	\$4.64	165	\$105.04	667	\$51.55
6	SPACE COAST	12,416	\$4.64	57	\$105.04	214	\$51.55
7	MARTIN SOLAR	84,354	\$4.64	676	\$105.04	1,027	\$51.55
8	Total	131,580	\$610,305	898	\$94,307	1,907	\$98,335

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,362	6	3	0.14
10	SPACE COAST	1,148	2	1	0.04
11	MARTIN SOLAR	7,221	12	5	0.19
12	Total	11,731	20	10	0.38

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$66,525	\$1,048,084	\$419,211	(\$154,336)	\$0	\$1,379,485
14	SPACE COAST	\$24,495	\$488,123	\$195,315	(\$64,351)	\$0	\$643,582
15	MARTIN SOLAR	\$236,687	\$3,068,299	\$1,163,570	(\$422,904)	\$0	\$4,045,652
16	Total	\$327,708	\$4,604,506	\$1,778,096	(\$641,591)	\$0	\$6,068,720

- (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 - August) 2015

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	36,354	24.9%	79,391,141
2	SPACE COAST	10	12,541	21.5%	
3	MARTIN SOLAR	75	70,434	16.1%	
4	Total	110	119,329	18.6%	

	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	194,685	\$4.61	3,329	\$101.65	9,267	\$55.27
6	SPACE COAST	65,676	\$4.61	1,107	\$101.65	3,281	\$55.27
7	MARTIN SOLAR	522,410	\$4.61	7,529	\$101.65	12,538	\$55.27
8	Total	782,770	\$3,605,058	11,965	\$1,216,316	25,086	\$1,386,595

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	31,108	45	49	2.32
10	SPACE COAST	10,816	15	17	0.84
11	MARTIN SOLAR	58,542	90	68	3.00
12	Total	100,467	150	134	6.15

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$626,390	\$8,538,854	\$3,351,912	(\$1,234,688)	\$0	\$11,282,468
14	SPACE COAST	\$166,237	\$3,977,190	\$1,560,323	(\$514,808)	\$0	\$5,188,942
15	MARTIN SOLAR	\$2,466,212	\$24,980,454	\$9,314,651	(\$3,383,232)	\$0	\$33,378,084
16	Total	\$3,258,838	\$37,496,498	\$14,226,886	(\$5,132,728)	\$0	\$49,849,494

- (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.