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May 20, 2020

**-VIA ELECTRONIC FILING-**

Adam Teitzman  
Division of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

**Re: Docket No. 20200007-EI Environmental Cost Recovery Clause**

Dear Mr. Teitzman:

Attached for electronic filing in the above docket is Florida Power & Light Company's Solar Plant Operation Status Report for the month of April 2020, 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.

Also included is the Solar Plant Operation Status Report for March 2020 to correct the monthly Carrying Costs for the Martin Solar project.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

*s/ Maria Jose Moncada*  
\_\_\_\_\_  
Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record

**CERTIFICATE OF SERVICE**  
**Docket No. 20200007-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished  
by electronic service on this 20th day of May 2020 to the following:

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By: s/ Maria J. Moncada  
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Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: March 2020

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,672	(49)	(20)	(209)
2	9,883	(48)	(20)	(226)
3	9,328	(48)	(20)	(252)
4	9,016	(47)	(20)	(252)
5	8,957	(47)	(20)	(246)
6	9,317	(51)	(20)	(250)
7	10,087	(49)	(20)	(340)
8	10,676	949	227	(416)
9	11,582	7,006	1,566	(614)
10	12,819	13,678	3,508	192
11	13,935	15,245	5,302	4,170
12	14,876	16,238	6,704	7,954
13	15,696	16,100	7,222	11,477
14	16,333	15,965	7,338	12,984
15	16,777	15,264	7,134	14,306
16	17,087	14,911	5,926	15,366
17	17,275	13,332	4,482	14,739
18	17,207	10,490	2,614	13,484
19	16,765	4,776	862	12,403
20	16,114	363	40	7,216
21	15,608	(58)	(28)	261
22	14,498	(56)	(23)	(179)
23	13,291	(51)	(21)	(199)
24	11,969	(48)	(19)	(202)

Florida Power & Light Company  
 Actual Data for Next Generation Solar Centers  
 Environmental Cost Recovery Clause  
 Period of: March 2020

	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	4,457	24.0%	0.04%	9,978,797
2	SPACE COAST	10	1,634	22.0%	0.02%	
3	MARTIN SOLAR	75	3,446	6.2%	0.03%	
4	Total	110	9,536	11.7%	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	36,881	\$3.27	39	\$72.99	0	\$51.85
6	SPACE COAST	13,505	\$3.27	11	\$72.99	0	\$51.85
7	MARTIN SOLAR	31,808	\$3.27	6	\$72.99	7	\$51.85
8	Total	82,194	\$268,445	55	\$4,024	7	\$347

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,191	0.91	0.10	0.00
10	SPACE COAST	800	0.33	0.03	0.00
11	MARTIN SOLAR	1,884	0.79	0.02	0.00
12	Total	4,875	2.03	0.15	0.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$29,698	\$727,034	\$433,547	(\$148,208)	\$0	\$1,042,070
14	SPACE COAST	\$16,657	\$338,425	\$195,492	(\$62,871)	\$0	\$487,703
15	MARTIN SOLAR	\$76,194	\$2,252,692	\$1,027,872	(\$402,196)	\$0	\$2,954,562
16	Total	\$122,549	\$3,318,151	\$1,656,911	(\$613,275)	\$0	\$4,484,335

- (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 - March) 2020

	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	10,889	20.2%	0.04%	28,167,916
2	SPACE COAST	10	4,253	19.7%	0.02%	
3	MARTIN SOLAR	75	6,830	4.2%	0.02%	
4	Total	110	21,972	9.2%	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	82,946	\$3.51	39	\$72.98	183	\$45.66
6	SPACE COAST	32,105	\$3.51	11	\$72.98	78	\$45.66
7	MARTIN SOLAR	54,152	\$3.51	6	\$72.98	144	\$45.66
8	Total	169,203	\$593,775	55	\$4,024	405	\$18,505

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	5,236	2.1	0.1	0.00
10	SPACE COAST	2,039	0.8	0.0	0.00
11	MARTIN SOLAR	3,448	1.4	0.0	0.00
12	Total	10,724	4.4	0.2	0.01

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$111,869	\$2,190,668	\$1,300,561	(\$444,624)	\$0	\$3,158,474
14	SPACE COAST	\$56,102	\$1,019,574	\$586,475	(\$188,613)	\$0	\$1,473,538
15	MARTIN SOLAR	\$1,674,540	\$6,776,930	\$3,082,695	(\$1,206,588)	\$0	\$10,327,577
16	Total	\$1,842,511	\$9,987,172	\$4,969,732	(\$1,839,825)	\$0	\$14,959,590

(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: April 2020

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,887	(53)	(19)	(296)
2	11,015	(53)	(19)	(276)
3	10,430	(53)	(19)	(275)
4	10,063	(52)	(19)	(279)
5	9,908	(52)	(19)	(285)
6	10,057	(53)	(19)	(307)
7	10,429	(55)	(18)	(394)
8	10,838	935	279	(506)
9	11,953	6,599	1,582	(748)
10	13,357	11,450	3,215	(244)
11	14,669	13,050	4,513	2,423
12	15,850	13,169	5,681	6,292
13	16,873	13,579	6,409	10,184
14	17,589	13,814	6,418	12,157
15	17,974	13,073	6,168	11,849
16	18,163	13,183	5,578	10,935
17	18,263	12,589	4,479	9,222
18	18,221	10,736	2,853	8,265
19	17,690	7,236	1,184	6,794
20	16,827	853	114	3,961
21	16,376	(70)	(30)	378
22	15,348	(57)	(24)	(312)
23	14,193	(55)	(20)	(349)
24	12,942	(54)	(19)	(323)

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: April 2020

	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	3,890	21.6%	0.04%	10,336,928
2	SPACE COAST	10	1,448	20.1%	0.01%	
3	MARTIN SOLAR	75	2,336	4.3%	0.02%	
4	Total	110	7,673	9.7%	0.07%	

	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	31,185	\$3.06	110	\$72.99	0	\$0.00
6	SPACE COAST	11,622	\$3.06	32	\$72.99	0	\$0.00
7	MARTIN SOLAR	17,140	\$3.06	10	\$72.99	0	\$0.00
8	Total	59,946	\$183,304	152	\$11,087	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,894	0.8	0.3	0.00
10	SPACE COAST	701	0.3	0.1	0.00
11	MARTIN SOLAR	1,017	0.4	0.0	0.00
12	Total	3,611	1.5	0.4	0.00

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$48,240	\$723,871	\$433,435	(\$148,208)	\$0	\$1,057,338
14	SPACE COAST	\$37,522	\$336,990	\$195,492	(\$62,871)	\$0	\$507,133
15	MARTIN SOLAR	\$328,349	\$2,247,946	\$1,027,766	(\$402,196)	\$0	\$3,201,866
16	Total	\$414,112	\$3,308,807	\$1,656,693	(\$613,275)	\$0	\$4,766,337

- (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.  
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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 - April) 2020

	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	14,779	20.5%	0.04%	38,504,844
2	SPACE COAST	10	5,700	19.8%	0.01%	
3	MARTIN SOLAR	75	9,166	4.2%	0.02%	
4	Total	110	29,645	9.4%	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	114,131	\$3.39	149	\$72.99	183	\$45.66
6	SPACE COAST	43,726	\$3.39	43	\$72.99	78	\$45.66
7	MARTIN SOLAR	71,292	\$3.39	15	\$72.99	144	\$45.66
8	Total	229,149	\$777,079	207	\$15,111	405	\$18,505

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	7,130	2.9	0.4	0.00
10	SPACE COAST	2,740	1.1	0.1	0.00
11	MARTIN SOLAR	4,465	1.8	0.1	0.00
12	Total	14,335	5.9	0.6	0.01

	O&M (\$)	<sup>(4)</sup> Carrying Costs (\$)	<sup>(5)</sup> Capital (\$)	<sup>(6)</sup> Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$160,110	\$2,914,538	\$1,733,996	(\$592,832)	\$0	\$4,215,812
14	SPACE COAST	\$93,624	\$1,356,565	\$781,967	(\$251,484)	\$0	\$1,980,671
15	MARTIN SOLAR	\$2,002,889	\$9,024,876	\$4,110,461	(\$1,608,784)	\$0	\$13,529,442
16	Total	\$2,256,623	\$13,295,979	\$6,626,425	(\$2,453,100)	\$0	\$19,725,926

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