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March 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 February 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 are Solar Plant Operation Status Reports for November 2019 and December 2019 YTD to correct the monthly net generation amounts 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 March 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: November 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,026	(50)	(19)	(257)
2	9,391	(50)	(19)	(261)
3	9,002	(49)	(19)	(262)
4	8,810	(50)	(19)	(265)
5	8,856	(51)	(20)	(260)
6	9,339	(52)	(20)	(278)
7	10,199	(49)	(20)	(342)
8	10,971	2,550	435	(500)
9	11,974	9,727	2,371	(691)
10	12,985	12,005	4,447	98
11	13,798	12,746	5,777	2,594
12	14,420	12,534	5,972	5,362
13	14,893	11,719	4,966	6,592
14	15,191	10,805	5,398	7,383
15	15,331	10,730	4,530	8,134
16	15,264	9,523	3,126	7,351
17	14,956	6,003	1,460	8,557
18	14,785	838	218	4,218
19	14,857	(24)	(8)	268
20	14,333	(56)	(25)	(206)
21	13,670	(53)	(20)	(236)
22	12,846	(53)	(19)	(237)
23	11,886	(52)	(19)	(240)
24	10,818	(51)	(19)	(244)

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: November 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,956	16.4%	0.03%	9,172,606
2	SPACE COAST	10	1,154	16.0%	0.01%	
3	MARTIN SOLAR	75	1,388	2.6%	0.02%	
4	Total	110	5,498	6.9%	0.06%	

	Natural Gas Displaced (MCF)	⁽²⁾ Cost of NG (\$/MCF)	Oil Displaced (Bbls)	⁽²⁾ Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	⁽³⁾⁽⁷⁾ Cost of Coal (\$/Ton)	
5	DESOTO	22,530	\$4.23	0	\$43.00	51	\$44.54
6	SPACE COAST	8,874	\$4.23	0	\$43.00	16	\$44.54
7	MARTIN SOLAR	11,159	\$4.23	1	\$43.00	33	\$44.54
8	Total	42,563	\$180,249	1	\$44	100	\$4,466

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,423	0.5	0.0	0.00
10	SPACE COAST	552	0.2	0.0	0.00
11	MARTIN SOLAR	20	0.0	0.0	0.00
12	Total	1,996	0.7	0.0	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$34,010	\$746,595	\$433,385	(\$148,208)	\$0	\$1,065,782
14	SPACE COAST	\$14,579	\$347,329	\$195,492	(\$62,871)	\$0	\$494,529
15	MARTIN SOLAR	\$314,199	\$2,298,600	\$1,025,847	(\$402,196)	\$0	\$3,236,450
16	Total	\$362,788	\$3,392,524	\$1,654,724	(\$613,275)	\$0	\$4,796,761

- (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.
- (7) Coal cost values reflect true-up unit pricing due to issues with coal data reported on Schedule A4 in October 2019.

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: Year-to-Date (January - November) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	43,424	21.7%	0.04%	117,430,467
2	SPACE COAST	10	15,522	19.4%	0.01%	
3	MARTIN SOLAR	75	28,646	4.8%	0.02%	
4	Total	110	87,592	9.9%	0.07%	

	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	347,121	\$4.06	1,938	\$76.65	1,688	\$44.25
6	SPACE COAST	123,847	\$4.06	710	\$76.65	634	\$44.25
7	MARTIN SOLAR	224,712	\$4.06	1,073	\$76.65	1,689	\$44.25
8	Total	695,680	\$2,824,843	3,721	\$285,215	4,011	\$177,478

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	24,452	11.3	3.9	0.04
10	SPACE COAST	8,790	4.1	1.5	0.02
11	MARTIN SOLAR	16,110	7.5	2.6	0.04
12	Total	49,351	22.8	8.0	0.09

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$699,604	\$8,205,298	\$4,766,120	(\$1,630,288)	\$0	\$12,040,734
14	SPACE COAST	\$248,402	\$3,811,979	\$2,150,409	(\$691,581)	\$0	\$5,519,209
15	MARTIN SOLAR	\$3,542,772	\$25,074,444	\$11,286,519	(\$4,424,156)	\$0	\$35,479,579
16	Total	\$4,490,777	\$37,091,720	\$18,203,049	(\$6,746,025)	\$0	\$53,039,522

(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: December 2019

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,630	(52)	(19)	(197)
2	9,005	(51)	(19)	(182)
3	8,643	(51)	(19)	(175)
4	8,487	(51)	(19)	(168)
5	8,556	(52)	(19)	(171)
6	9,050	(54)	(19)	(214)
7	9,967	(55)	(19)	(280)
8	10,707	1,045	131	(439)
9	11,585	6,829	1,816	(622)
10	12,421	9,380	3,471	(728)
11	13,047	10,161	4,854	677
12	13,452	9,550	5,638	1,999
13	13,730	9,836	5,325	4,076
14	13,888	9,295	4,886	3,083
15	13,920	8,498	3,851	4,914
16	13,836	7,209	2,827	4,828
17	13,677	3,936	722	5,191
18	13,852	149	6	2,167
19	14,226	(61)	(29)	(287)
20	13,795	(55)	(24)	(315)
21	13,222	(54)	(21)	(331)
22	12,515	(53)	(20)	(336)
23	11,609	(53)	(20)	(317)
24	10,557	(52)	(19)	(275)

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: December 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,331	12.5%	0.03%	8,947,979
2	SPACE COAST	10	1,031	13.9%	0.01%	
3	MARTIN SOLAR	75	679	1.2%	0.01%	
4	Total	110	4,041	4.9%	0.05%	

	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	16,862	\$4.28	29	\$94.53	30	\$44.71
6	SPACE COAST	7,451	\$4.28	16	\$94.53	9	\$44.71
7	MARTIN SOLAR	4,762	\$4.28	25	\$94.53	(10)	\$44.71
8	Total	29,075	\$124,311	70	\$6,620	29	\$1,297

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,062	0.4	0.0	0.00
10	SPACE COAST	464	0.2	0.0	0.00
11	MARTIN SOLAR	275	0.1	0.0	0.00
12	Total	1,801	0.7	0.0	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$58,745	\$736,610	\$433,476	(\$148,208)	\$0	\$1,080,623
14	SPACE COAST	\$15,502	\$342,728	\$195,492	(\$62,871)	\$0	\$490,851
15	MARTIN SOLAR	\$344,319	\$2,271,223	\$1,026,190	(\$402,196)	\$0	\$3,239,537
16	Total	\$418,567	\$3,350,561	\$1,655,158	(\$613,275)	\$0	\$4,811,011

- (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 - December) 2019

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	45,755	20.9%	0.04%	126,378,446
2	SPACE COAST	10	16,553	18.9%	0.01%	
3	MARTIN SOLAR	75	29,325	4.5%	0.02%	
4	Total	110	91,633	9.5%	0.07%	

	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	363,983	\$4.07	1,967	\$76.98	1,718	\$44.25
6	SPACE COAST	131,298	\$4.07	726	\$76.98	643	\$44.25
7	MARTIN SOLAR	229,474	\$4.07	1,098	\$76.98	1,679	\$44.25
8	Total	724,755	\$2,949,155	3,791	\$291,835	4,040	\$178,774

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	25,514	11.7	3.9	0.04
10	SPACE COAST	9,254	4.3	1.5	0.02
11	MARTIN SOLAR	16,385	7.6	2.6	0.04
12	Total	51,153	23.6	8.1	0.10

	O&M (\$)	⁽⁴⁾⁽⁷⁾⁽⁸⁾⁽⁹⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$758,349	\$8,867,366	\$5,199,597	(\$1,778,496)	\$0	\$13,046,815
14	SPACE COAST	\$263,904	\$4,120,089	\$2,345,901	(\$754,452)	\$0	\$5,975,442
15	MARTIN SOLAR	\$3,887,091	\$27,117,902	\$12,312,709	(\$4,826,352)	\$0	\$38,491,350
16	Total	\$4,909,344	\$40,105,356	\$19,858,207	(\$7,359,300)	\$0	\$57,513,608

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

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,847	(48)	(22)	(218)
2	9,220	(48)	(23)	(233)
3	8,883	(48)	(23)	(236)
4	8,740	(48)	(23)	(229)
5	8,838	(49)	(23)	(225)
6	9,433	(50)	(23)	(244)
7	10,546	(52)	(24)	(283)
8	11,398	1,418	405	(433)
9	12,280	8,781	2,415	(516)
10	13,057	12,064	4,318	144
11	13,622	13,340	5,732	2,577
12	13,969	13,280	6,537	4,919
13	14,227	13,166	6,634	7,179
14	14,409	12,952	6,683	8,814
15	14,501	13,338	5,698	10,070
16	14,553	11,406	4,471	10,841
17	14,508	9,729	2,716	10,863
18	14,389	3,592	631	8,708
19	14,589	(19)	(29)	2,510
20	14,452	(54)	(30)	(198)
21	13,787	(51)	(25)	(225)
22	12,951	(50)	(23)	(213)
23	11,945	(49)	(23)	(212)
24	10,818	(49)	(23)	(216)

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,261	18.7%	0.04%	8,980,808
2	SPACE COAST	10	1,332	19.1%	0.01%	
3	MARTIN SOLAR	75	1,825	3.5%	0.02%	
4	Total	110	6,418	8.4%	0.07%	

	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	23,533	\$3.56	0	\$0.00	175	\$45.22
6	SPACE COAST	9,514	\$3.56	0	\$0.00	73	\$45.22
7	MARTIN SOLAR	11,460	\$3.56	0	\$0.00	127	\$45.22
8	Total	44,506	\$158,437	0	\$0	375	\$16,943

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,701	0.7	0.0	0.00
10	SPACE COAST	693	0.3	0.0	0.00
11	MARTIN SOLAR	903	0.4	0.0	0.00
12	Total	3,297	1.4	0.0	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$39,408	\$730,210	\$433,484	(\$148,208)	\$0	\$1,054,894
14	SPACE COAST	\$21,617	\$339,857	\$195,492	(\$62,871)	\$0	\$494,094
15	MARTIN SOLAR	\$1,166,061	\$2,258,649	\$1,027,790	(\$402,196)	\$0	\$4,050,304
16	Total	\$1,227,085	\$3,328,716	\$1,656,766	(\$613,275)	\$0	\$5,599,292

⁽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 - February) 2020

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	6,432	18.2%	0.04%	18,189,119
2	SPACE COAST	10	2,619	18.5%	0.01%	
3	MARTIN SOLAR	75	3,384	3.2%	0.02%	
4	Total	110	12,436	8.0%	0.07%	

	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	46,065	\$3.74	0	\$0.00	183	\$45.56
6	SPACE COAST	18,600	\$3.74	0	\$0.00	78	\$45.56
7	MARTIN SOLAR	22,344	\$3.74	0	\$0.00	138	\$45.56
8	Total	87,009	\$325,331	0	\$0	399	\$18,159

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	3,046	1.2	0.0	0.00
10	SPACE COAST	1,238	0.5	0.0	0.00
11	MARTIN SOLAR	1,564	0.6	0.0	0.00
12	Total	5,849	2.3	0.1	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$82,172	\$1,463,634	\$867,015	(\$296,416)	\$0	\$2,116,404
14	SPACE COAST	\$39,444	\$681,150	\$390,984	(\$125,742)	\$0	\$985,835
15	MARTIN SOLAR	\$1,598,346	\$4,524,238	\$2,054,823	(\$804,392)	\$0	\$7,373,014
16	Total	\$1,719,962	\$6,669,021	\$3,312,821	(\$1,226,550)	\$0	\$10,475,254

- (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.