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November 21, 2022

-VIA ELECTRONIC FILING -

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

Re: Docket No. 20220007-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 October 2022, 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 attached is a corrected Solar Plant Operations status report for the month of September 2022. The correction is for lines 9-12 for the CO₂ Reductions (Tons), Nox Reductions (Tons), and SO₂ Reductions (Tons). The original September 2022 report reflected the August reductions rather than the September reductions. In addition, "Carrying Costs" on lines 13-16 are corrected to include an equity component grossed up for taxes and a debt component

If there are any questions regarding this transmittal, please contact me at (561) 304-5795.

Sincerely,

s/ Maria Jose Moncada
Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record (w/ attachments)
Florida Power & Light Company

CERTIFICATE OF SERVICE

Docket No. 20220007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 21st day of November 2022 to the following:

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By: s/ Maria Jose Moncada
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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: October 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	12,848	(58)	(18)	(144)
2	11,975	(57)	(18)	(142)
3	11,401	(57)	(18)	(144)
4	11,027	(56)	(18)	(139)
5	10,929	(56)	(19)	(140)
6	11,243	(55)	(19)	(147)
7	11,995	(55)	(19)	(201)
8	12,509	271	64	(340)
9	13,399	4,497	1,314	(686)
10	14,691	9,321	3,036	(943)
11	15,847	11,078	4,460	(218)
12	16,877	11,660	5,442	2,391
13	17,762	11,193	5,735	3,673
14	18,478	10,852	5,590	3,529
15	18,976	9,616	5,237	3,442
16	19,322	8,838	4,371	3,098
17	19,445	7,941	3,084	2,354
18	19,185	5,334	1,512	1,783
19	18,540	1,205	253	610
20	18,243	(51)	(26)	(190)
21	17,542	(59)	(20)	(246)
22	16,587	(58)	(19)	(200)
23	15,424	(58)	(18)	(194)
24	14,109	(58)	(18)	(156)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: October 2022

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,825	15.2%	0.03%	11,131,695
2	SPACE COAST	10	1,236	16.6%	0.01%	
3	MARTIN SOLAR	75	516	0.9%	0.00%	
4	Total	110	4,577	5.6%	0.04%	

	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	20,414	\$8.53	56	\$107.16	0	\$0.00
6	SPACE COAST	9,020	\$8.53	21	\$107.16	0	\$0.00
7	MARTIN SOLAR	3,740	\$8.53	23	\$107.16	0	\$0.00
8	Total	33,174	\$282,927	100	\$10,670	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,233	0.47	0.01	0.00
10	SPACE COAST	543	0.20	0.00	0.00
11	MARTIN SOLAR	232	0.09	0.00	0.00
12	Total	2,008	0.76	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$23,795	\$651,170	\$381,390	(\$116,188)	\$0	\$940,167
14	SPACE COAST	\$3,451	\$304,348	\$178,157	(\$50,634)	\$0	\$435,321
15	MARTIN SOLAR	\$318,073	\$2,109,336	\$977,612	(\$312,209)	\$0	\$3,092,812
16	Total	\$345,319	\$3,064,854	\$1,537,158	(\$479,031)	\$0	\$4,468,300

- (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 - October) 2022

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	34,462	18.9%	119,232,789
2	SPACE COAST	10	13,290	18.2%	
3	MARTIN SOLAR	75	20,312	3.7%	
4	Total	110	68,064	8.5%	

	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	243,502	\$8.93	923	\$98.99	0	\$0.00
6	SPACE COAST	94,431	\$8.93	301	\$98.99	0	\$0.00
7	MARTIN SOLAR	146,382	\$8.93	620	\$98.99	0	\$0.00
8	Total	484,314	\$4,325,852	1,844	\$182,515	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	15,421	5.9	0.2	0.02
10	SPACE COAST	5,944	2.3	0.1	0.01
11	MARTIN SOLAR	8,909	3.4	0.2	0.01
12	Total	30,274	11.6	0.4	0.03

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$502,769	\$6,544,233	\$3,814,325	(\$1,161,882)	\$0	\$9,699,444
14	SPACE COAST	\$126,714	\$3,058,814	\$1,781,566	(\$506,342)	\$0	\$4,460,752
15	MARTIN SOLAR	\$3,236,563	\$21,111,961	\$9,778,374	(\$3,122,087)	\$0	\$31,004,810
16	Total	\$3,866,045	\$30,715,007	\$15,374,265	(\$4,790,312)	\$0	\$45,165,006

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Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: September 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	15,045	(55)	(18)	(151)
2	14,104	(55)	(19)	(150)
3	13,468	(55)	(19)	(158)
4	13,047	(54)	(19)	(163)
5	12,884	(55)	(19)	(173)
6	13,100	(54)	(19)	(170)
7	13,739	(54)	(19)	(233)
8	14,138	812	163	(414)
9	15,312	6,446	1,199	(905)
10	17,000	9,654	2,792	(622)
11	18,631	10,625	4,098	3,718
12	20,089	10,386	5,194	8,693
13	21,148	9,962	5,496	9,679
14	21,843	9,484	5,323	10,182
15	22,189	9,315	4,647	7,789
16	22,326	9,031	3,667	6,024
17	22,234	7,424	2,644	4,446
18	21,862	4,357	1,288	3,579
19	21,164	1,653	345	1,489
20	20,443	8	(13)	(230)
21	19,826	(58)	(22)	(216)
22	18,733	(53)	(20)	(195)
23	17,430	(53)	(19)	(170)
24	17,045	(53)	(19)	(151)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: September 2022

REVISED 10/22

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	14.8%	0.02%	12,292,769
2	SPACE COAST	10	15.3%	0.01%	
3	MARTIN SOLAR	75	2.9%	0.01%	
4	Total	110	6.7%	0.04%	

	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	19,134	364	\$100.54	0	\$0.00
6	SPACE COAST	7,969	126	\$100.54	0	\$0.00
7	MARTIN SOLAR	11,305	181	\$100.54	0	\$0.00
8	Total	38,408	671	\$67,454	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9	DESOTO	1,304	0.57	0.01
10	SPACE COAST	531	0.23	0.00
11	MARTIN SOLAR	754	0.32	0.00
12	Total	2,590	1.12	0.02

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$27,125	\$654,020	\$381,389	(\$116,188)	\$0	\$946,346
14	SPACE COAST	\$17,712	\$305,657	\$178,157	(\$50,634)	\$0	\$450,892
15	MARTIN SOLAR	\$255,677	\$2,116,767	\$977,725	(\$312,209)	\$0	\$3,037,960
16	Total	\$300,515	\$3,076,445	\$1,537,270	(\$479,031)	\$0	\$4,435,198

- (1) Net Generation data represents a calendar month.
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- (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: Year-to-Date (January - September) 2022

REVISED 10/22

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	31,637	19.3%	0.03%	108,101,095
2	SPACE COAST	10	12,055	18.4%	0.01%	
3	MARTIN SOLAR	75	19,796	4.0%	0.02%	
4	Total	110	63,487	8.8%	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	223,088	\$8.96	867	\$98.52	0	\$0.00
6	SPACE COAST	85,411	\$8.96	280	\$98.52	0	\$0.00
7	MARTIN SOLAR	142,642	\$8.96	597	\$98.52	0	\$0.00
8	Total	451,140	\$4,042,926	1,744	\$171,845	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	14,188	5.4	0.2	0.01
10	SPACE COAST	5,401	2.1	0.1	0.01
11	MARTIN SOLAR	8,677	3.3	0.2	0.00
12	Total	28,267	10.8	0.4	0.03

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$478,974	\$5,893,062	\$3,432,935	(\$1,045,694)	\$0	\$8,759,277
14	SPACE COAST	\$123,263	\$2,754,466	\$1,603,410	(\$455,708)	\$0	\$4,025,430
15	MARTIN SOLAR	\$2,918,490	\$19,002,625	\$8,800,762	(\$2,809,879)	\$0	\$27,911,998
16	Total	\$3,520,727	\$27,650,153	\$13,837,107	(\$4,311,281)	\$0	\$40,696,706

- (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.