



Maria Jose Moncada
Senior Attorney
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
(561) 304-5795
(561) 691-7135 (Facsimile)
E-mail: maria.moncada@fpl.com

October 20, 2021

-VIA ELECTRONIC FILING -

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

Re: Docket No. 20210007-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 September 2021, 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 August 2021 reflecting corrected emissions reductions.

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)

CERTIFICATE OF SERVICE

Docket No. 20210007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of October 2021 to the following:

Charles Murphy
Jacob Imig
Office of General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
cmurphy@psc.state.fl.us
jimig@psc.state.fl.us

Russell A. Badders
Vice President & General Counsel
One Energy Place, Bin 100
Pensacola, FL 32520-0100
russell.badders@nexteraenergy.com
Attorney for Gulf Power Company

Paula Brown
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601-0111
(813) 228-1444
(813) 228-1770
regdept@tecoenergy.com

James D. Beasley, Esq.
J. Jeffrey Wahlen, Esq.
M. Means, Esq.
Ausley & McMullen
P.O. Box 391
Tallahassee, FL 32302
jbeasley@ausley.com
jwahlen@ausley.com
mmeans@ausley.com
Attorneys for Tampa Electric Company

Richard Gentry
Patricia A. Christensen
Charles J. Rehwinkel
Stephanie Morse
Anastacia Pirrello
David Tad
Mireille Fall-Fry
Mary Wessling
Steven Baird
Office of Public Counsel
c/o The Florida Legislature
111 West Madison St., Room 812
Tallahassee, FL 32399-1400
gentry.richard@leg.state.fl.us
christensen.patty@leg.state.fl.us
rehwinkel.charles@leg.state.fl.us
morse.stephanie@leg.state.fl.us
pirrello.anastacia@leg.state.fl.us
david.tad@leg.state.fl.us
fall-fry.mireille@leg.state.fl.us
wessling.mary@leg.state.fl.us
barid.steven@leg.state.fl.us

Dianne M. Triplett
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com

Matthew R. Bernier, Esq.
106 East College Avenue, Suite 800
Tallahassee, FL 32301
Matthew.bernier@duke-energy.com
Attorneys for Duke Energy Florida

Jon C. Moyle, Jr.
Moyle Law Firm, P.A.
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com
mqualls@moylelaw.com
**Attorneys for Florida Industrial Power
Group**

James W. Brew
Laura Wynn Baker
Stone Mattheis Xenopoulos & Brew, P.C.
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, DC 20007
jbrew@smxblaw.com
lwb@smxblaw.com
**Attorneys for PCS Phosphate-White
Springs**

Peter J. Mattheis
Michael K. Lavanga
1025 Thomas Jefferson Street, NW
Suite 800 West
Washington, DC 20007-5201
mkl@smxblaw.com
pjm@smxblaw.com
Attorneys for Nucor Steel Florida, Inc.

By: s/ Maria Jose Moncada
Maria Jose Moncada
Florida Bar No. 0773301

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: August 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	14,586	(52)	(19)	(201)
2	13,712	(52)	(19)	(212)
3	13,079	(51)	(18)	(227)
4	12,671	(51)	(18)	(222)
5	12,520	(51)	(18)	(217)
6	12,744	(51)	(18)	(214)
7	13,215	(54)	(19)	(235)
8	13,628	1,454	272	(330)
9	14,877	7,585	1,539	(587)
10	16,526	10,931	3,166	217
11	18,113	12,068	4,627	4,349
12	19,520	12,500	5,989	8,391
13	20,598	12,515	6,461	11,524
14	21,332	13,374	6,038	11,833
15	21,737	12,213	5,636	10,130
16	21,851	11,727	5,166	9,573
17	21,720	9,133	3,606	9,406
18	21,330	5,439	2,341	8,663
19	20,637	2,746	990	6,600
20	19,746	507	135	2,145
21	19,179	(65)	(29)	(104)
22	18,248	(54)	(24)	(168)
23	16,998	(53)	(21)	(180)
24	15,683	(53)	(19)	(190)

Florida Power & Light Company
 Actual Data for Next Generation Solar Centers
 Environmental Cost Recovery Clause
 Period of: August 2021

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,460	18.6%	0.03%	13,004,489
2	SPACE COAST	10	1,418	19.1%	0.01%	
3	MARTIN SOLAR	75	2,472	4.4%	0.02%	
4	Total	110	7,350	9.0%	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	26,282	\$5.38	59	\$74.97	0	N/A
6	SPACE COAST	10,809	\$5.38	26	\$74.97	0	N/A
7	MARTIN SOLAR	21,025	\$5.38	80	\$74.97	0	N/A
8	Total	58,116	\$312,657	165	\$12,336	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,582	0.6	0.1	0.00
10	SPACE COAST	652	0.3	0.1	0.00
11	MARTIN SOLAR	1,283	0.5	0.2	0.00
12	Total	3,517	1.4	0.4	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$62,657	\$656,998	\$432,562	(\$148,208)	\$0	\$1,004,008
14	SPACE COAST	\$9,656	\$307,091	\$194,936	(\$62,871)	\$0	\$448,812
15	MARTIN SOLAR	\$243,522	\$2,092,622	\$1,031,008	(\$402,196)	\$0	\$2,964,956
16	Total	\$315,835	\$3,056,711	\$1,658,506	(\$613,275)	\$0	\$4,417,777

- (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) 2021

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	31,410	21.5%	0.04%	85,569,514
2	SPACE COAST	10	11,457	19.6%	0.01%	
3	MARTIN SOLAR	75	22,310	5.1%	0.03%	
4	Total	110	65,177	10.2%	0.08%	

	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	200,300	\$4.75	668	\$73.38	2,377	\$47.96
6	SPACE COAST	73,375	\$4.75	202	\$73.38	859	\$47.96
7	MARTIN SOLAR	150,707	\$4.75	856	\$73.38	1,721	\$47.96
8	Total	424,383	\$2,014,476	1,726	\$126,636	4,957	\$237,716

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	16,405	7.5	1.8	0.05
10	SPACE COAST	5,966	2.7	0.6	0.02
11	MARTIN SOLAR	12,403	5.9	2.2	0.04
12	Total	34,775	16.0	4.5	0.11

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$376,041	\$5,381,118	\$3,460,354	(\$1,185,664)	\$0	\$8,031,849
14	SPACE COAST	\$141,242	\$2,513,900	\$1,559,486	(\$502,968)	\$0	\$3,711,661
15	MARTIN SOLAR	\$2,661,124	\$17,056,158	\$8,242,389	(\$3,217,568)	\$0	\$24,742,103
16	Total	\$3,178,407	\$24,951,176	\$13,262,230	(\$4,906,200)	\$0	\$36,485,612

- (1) Net Generation data represents a calendar month.
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- (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: September 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	13,107	(50)	(18)	(190)
2	12,260	(50)	(17)	(188)
3	11,674	(49)	(18)	(201)
4	11,308	(49)	(18)	(206)
5	11,194	(49)	(18)	(206)
6	11,490	(50)	(17)	(208)
7	12,111	(53)	(17)	(226)
8	12,505	773	198	(311)
9	13,623	7,313	1,536	(575)
10	15,231	12,206	3,516	(140)
11	16,757	12,855	5,039	4,095
12	18,118	13,507	6,284	12,081
13	19,222	12,915	6,602	15,225
14	20,057	12,948	6,260	15,370
15	20,406	11,442	5,622	15,951
16	20,399	9,046	3,903	14,511
17	20,187	8,276	3,418	12,376
18	19,736	7,111	1,441	9,789
19	18,967	3,052	366	6,621
20	18,311	128	(7)	759
21	17,694	(56)	(26)	(140)
22	16,671	(52)	(22)	(170)
23	15,479	(52)	(19)	(181)
24	14,212	(51)	(18)	(185)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: September 2021

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,330	18.5%	0.03%	11,720,024
2	SPACE COAST	10	1,319	18.3%	0.01%	
3	MARTIN SOLAR	75	3,110	5.8%	0.03%	
4	Total	110	7,759	9.8%	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	25,586	\$6.06	74	\$74.97	0	\$0.00
6	SPACE COAST	10,140	\$6.06	28	\$74.97	0	\$0.00
7	MARTIN SOLAR	26,342	\$6.06	162	\$74.97	0	\$0.00
8	Total	62,067	\$376,068	265	\$19,866	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,546	0.7	0.2	0.00
10	SPACE COAST	612	0.3	0.1	0.00
11	MARTIN SOLAR	1,635	0.8	0.4	0.00
12	Total	3,793	1.7	0.6	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$54,619	\$653,861	\$432,547	(\$148,208)	\$0	\$992,818
14	SPACE COAST	\$19,045	\$305,691	\$194,936	(\$62,871)	\$0	\$456,800
15	MARTIN SOLAR	\$272,900	\$2,084,960	\$1,030,911	(\$402,196)	\$0	\$2,986,575
16	Total	\$346,563	\$3,044,511	\$1,658,394	(\$613,275)	\$0	\$4,436,193

- (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 - September) 2021

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	34,740	21.2%	0.04%	97,289,538
2	SPACE COAST	10	12,776	19.5%	0.01%	
3	MARTIN SOLAR	75	25,420	5.2%	0.03%	
4	Total	110	72,936	10.1%	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	225,886	\$4.91	742	\$73.59	2,377	\$47.96
6	SPACE COAST	83,515	\$4.91	231	\$73.59	859	\$47.96
7	MARTIN SOLAR	177,049	\$4.91	1,018	\$73.59	1,721	\$47.96
8	Total	486,450	\$2,390,544	1,991	\$146,502	4,957	\$237,716

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	17,951	8.1	2.0	0.05
10	SPACE COAST	6,578	2.9	0.6	0.02
11	MARTIN SOLAR	14,038	6.6	2.6	0.04
12	Total	38,567	17.7	5.2	0.11

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$430,660	\$6,034,978	\$3,892,901	(\$1,333,872)	\$0	\$9,024,667
14	SPACE COAST	\$160,287	\$2,819,591	\$1,754,422	(\$565,839)	\$0	\$4,168,461
15	MARTIN SOLAR	\$2,934,023	\$19,141,117	\$9,273,301	(\$3,619,764)	\$0	\$27,728,677
16	Total	\$3,524,970	\$27,995,686	\$14,920,624	(\$5,519,475)	\$0	\$40,921,805

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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.