



Maria Jose Moncada
Managing Attorney
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408
(561) 304-5795
(561) 691-7135 (facsimile)
maria.moncada@fpl.com

August 21, 2023

-VIA ELECTRONIC FILING-

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

Re: Docket No. 20230007-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 July 2023, 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) 304-5795.

Sincerely,

s/ Maria Jose Moncada

Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record (w/ attachment)

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

:21487706

CERTIFICATE OF SERVICE

Docket No. 20230007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic service on this 21st day of August 2023 to the following:

Adria Harper
Jacob Imig
Office of General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850
aharper@psc.state.fl.us
jimig@psc.state.fl.us

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

Matthew R. Bernier
Stephanie A. Cuello
106 East College Avenue, Suite 800
Tallahassee, Florida 32301
matthew.bernier@duke-energy.com
stephanie.cuello@duke-energy.com
Attorneys for Duke Energy Florida

Robert L. Pickels
Duke Energy Florida
106 East College Avenue, Suite 800
Tallahassee, Florida 32301
robert.pickels@duke-energy.com
FLRegulatoryLegal@duke-energy.com

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
User Group**

Walt Trierweiler
Mary A. Wessling
Patricia A. Christensen
Charles J. Rehwinkel
Office of Public Counsel
c/o The Florida Legislature
111 W. Madison Street, Room 812
Tallahassee, Florida 32399
trierweiler.walt@leg.state.fl.us
wessling.mary@leg.state.fl.us
christensen.patty@leg.state.fl.us
rehwinkel.charles@leg.state.fl.us

J. Jeffrey Wahlen
Malcolm N. Means
Virginia Ponder
Ausley McMullen
123 S. Calhoun Street
Post Office Box 391
Tallahassee, Florida 32302
jwahlen@ausley.com
mmeans@ausley.com
vponder@ausley.com
Attorneys for Tampa Electric Company

Paula K. Brown
Tampa Electric Company
P.O. Box 111
Tampa, Florida 33601-0111
regdept@tecoenergy.com

James W. Brew
Laura Wynn Baker
Stone Mattheis Xenopoulos & Brew, P.C.
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007
jbrew@smxblaw.com
lwb@smxblaw.com
**Attorneys for White Springs Agricultural
Chemicals, Inc. d/b/a PCS Phosphate –
White Springs**

Peter J. Mattheis
Michael K. Lavanga
Joseph R. Briscar
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, DC 20007
pjm@smxblaw.com
mkl@smxblaw.com
jrb@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: July 2023

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	16,708	(59)	(18)	NA
2	15,573	(59)	(18)	NA
3	14,705	(61)	(18)	NA
4	14,074	(61)	(18)	NA
5	13,674	(60)	(18)	NA
6	13,521	(60)	(18)	NA
7	13,472	(60)	(16)	NA
8	13,994	1,573	244	NA
9	15,950	5,856	1,150	NA
10	18,216	9,003	2,536	NA
11	20,125	10,923	3,665	NA
12	21,781	11,410	4,609	NA
13	22,939	11,764	4,959	NA
14	23,719	11,790	4,688	NA
15	24,059	11,161	4,103	NA
16	24,149	10,041	3,602	NA
17	24,093	7,459	2,279	NA
18	23,895	5,617	1,479	NA
19	23,164	3,808	699	NA
20	22,121	1,560	204	NA
21	21,485	81	(26)	NA
22	20,708	(73)	(22)	NA
23	19,500	(61)	(17)	NA
24	18,083	(60)	(17)	NA

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: July 2023

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,144	16.9%	0.02%	14,790,586
2	SPACE COAST	10	1,054	14.2%	0.01%	
3	MARTIN SOLAR	0	0	0.0%	0.00%	
4	Total	35	4,199	16.1%	0.03%	

	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	27,041	\$4.07	53	\$100.70	0	\$0.00
6	SPACE COAST	8,839	\$4.07	25	\$100.70	0	\$0.00
7	MARTIN SOLAR	0	\$4.07	0	\$100.70	0	\$0.00
8	Total	35,880	\$146,162	78	\$7,822.01	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,627	0.57	0.01	0.00
10	SPACE COAST	535	0.19	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	2,163	0.76	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$19,838	\$642,534	\$381,055	(\$116,188)	\$0	\$927,238
14	SPACE COAST	\$16,711	\$300,328	\$178,157	(\$50,634)	\$0	\$444,561
15	MARTIN SOLAR	\$975 ⁽⁷⁾	\$2,092,992 ⁽⁸⁾	\$0	\$821,258 ⁽⁹⁾	\$0	\$2,915,225
16	Total	\$37,523	\$3,035,854	\$559,211	\$654,436	\$0	\$4,287,025

- (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) Capital costs and O&M expense shown are related to January 2023 business.
- (8) Carrying Costs reflect return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (9) Other includes amortization of regulatory asset.

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: Year-to-Date (January - July) 2023

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	22,152	17.4%	0.03%	81,873,456
2	SPACE COAST	10	8,489	16.7%	0.01%	
3	MARTIN SOLAR	75	(4)	0.0%	0.00%	
4	Total	110	30,638	5.5%	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	174,530	\$4.36	360	\$103.53	0	\$0.00
6	SPACE COAST	66,105	\$4.36	121	\$103.53	0	\$0.00
7	MARTIN SOLAR	(56)	\$4.36	0	\$103.53	0	\$0.00
8	Total	240,579	\$1,048,714	481	\$49,802.21	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	10,500	3.79	0.05	0.00
10	SPACE COAST	3,969	1.44	0.02	0.00
11	MARTIN SOLAR	(3)	0.00	0.00	0.00
12	Total	14,465	5.23	0.08	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$284,025	\$4,556,772	\$2,668,092	(\$813,318)	\$0	\$6,695,572
14	SPACE COAST	\$178,828	\$2,008,126	\$1,247,096	(\$354,440)	\$0	\$3,079,610
15	MARTIN SOLAR	\$312,387 ⁽⁷⁾	\$14,817,119 ⁽⁸⁾	\$487,846 ⁽⁷⁾	\$4,973,106 ⁽⁹⁾	\$0	\$20,590,458
16	Total	\$775,240	\$21,382,016	\$4,403,035	\$3,805,349	\$0	\$30,365,640

- (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) Capital costs and O&M expense shown are related to January 2023 business.
- (8) Carrying Costs reflect return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (9) Other includes amortization of regulatory asset.