



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

February 20, 2024

**-VIA ELECTRONIC FILING-**

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

**Re: Docket No. 20240007-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 January 2024 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

:21918078

**CERTIFICATE OF SERVICE**  
**Docket No. 20240007-EI**

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished by electronic service on this 20th day of February 2024 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

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

Paula K. Brown  
Manager, Regulatory Coordination  
**Tampa Electric Company**  
Post Office Box 111  
Tampa, Florida 33601-0111  
regdept@tecoenergy.com

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

Matthew R. Bernier  
Stephanie A. Cuello  
Robert L. Pickels  
106 East College Avenue, Suite 800  
Tallahassee, Florida 32301  
matt.bernier@duke-energy.com  
stephanie.cuello@duke-energy.com  
robert.pickels@duke-energy.com  
FLRegulatoryLegal@duke-energy.com  
**Attorneys for Duke Energy Florida, LLC**

Dianne M. Triplett  
299 First Avenue North  
St. Petersburg, Florida 33701  
dianne.triplett@duke-energy.com  
**Duke Energy Florida, LLC**

Mary A. Wessling  
Patricia A. Christensen  
Octavio Ponce  
Austin Watrous  
Charles J. Rehwinkel  
Walt Trierweiler  
Office of Public Counsel  
The Florida Legislature  
111 W. Madison Street, Room 812  
Tallahassee, Florida 32399  
wessling.mary@leg.state.fl.us  
christensen.patty@leg.state.fl.us  
ponce.octavio@leg.state.fl.us  
watrous.austin@leg.state.fl.us  
rehwinkel.charles@leg.state.fl.us  
trierweiler.walt@leg.state.fl.us  
**Attorneys for the Citizens of the State of Florida**

James W. Brew  
Laura Wynn Baker  
Sarah B. Newman  
Stone Mattheis Xenopoulos & Brew, P.C.  
1025 Thomas Jefferson Street, NW  
Eighth Floor, West Tower  
Washington, DC 20007  
jbrew@smxblaw.com  
lwb@smxblaw.com  
sbn@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: January 2024

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	11,556	(55)	(20)	NA
2	10,960	(56)	(20)	NA
3	10,649	(56)	(20)	NA
4	10,535	(57)	(20)	NA
5	10,688	(57)	(20)	NA
6	11,287	(56)	(20)	NA
7	12,427	(57)	(20)	NA
8	13,414	167	21	NA
9	14,202	2,655	722	NA
10	14,687	4,363	1,566	NA
11	14,918	5,313	2,327	NA
12	14,983	5,908	2,660	NA
13	14,982	6,623	3,059	NA
14	14,921	6,422	2,863	NA
15	14,848	5,676	2,535	NA
16	14,820	4,837	1,780	NA
17	14,938	3,041	862	NA
18	15,324	466	91	NA
19	15,930	(76)	(28)	NA
20	15,705	(58)	(21)	NA
21	15,154	(56)	(19)	NA
22	14,406	(55)	(19)	NA
23	13,497	(56)	(19)	NA
24	12,456	(55)	(19)	NA

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: January 2024

	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	1,386	7.5%	0.01%	10,456,050
2	SPACE COAST	10	565	7.6%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	1,951	2.4%	0.02%	

	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	8,718	\$5.18	0.0	\$0.00	0	\$0.00
6	SPACE COAST	3,555	\$5.18	0.0	\$0.00	0	\$0.00
7	MARTIN SOLAR	0	\$5.18	0.0	\$0.00	0	\$0.00
8	Total	12,273	\$63,615	0.0	\$0.00	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	515	0.2	0.00	0.00
10	SPACE COAST	210	0.1	0.00	0.00
11	MARTIN SOLAR	0	0.0	0.00	0.00
12	Total	725	0.3	0.00	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	(\$46,870) <sup>(7)</sup>	\$637,856	\$381,447	(\$125,272)	\$0	\$847,161
14	SPACE COAST	\$39,310	\$298,777	\$159,381	(\$52,728)	\$0	\$444,740
15	MARTIN SOLAR	\$0	\$2,086,986	\$98,803	\$1,086,837	\$0	\$3,272,626
16	Total	(\$7,560)	\$3,023,619	\$639,632	\$908,837	\$0	\$4,564,527

- (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. For Martin Solar, Carrying Costs also includes return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (5) Capital cost data represents depreciation expense on net investment.
- (6) Other cost data represents dismantlement costs and amortization on ITC. For Martin Solar, Other also includes the amortization of regulatory asset.
- (7) Credit O&M amount due to adjustment of warehouse overhead costs due to overstatement of costs through December 2023.

Florida Power & Light Company  
Actual Data for Next Generation Solar Centers  
Environmental Cost Recovery Clause  
Period of: Year-to-Date (January - January) 2024

	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	1,386	7.5%	0.01%	10,456,050
2	SPACE COAST	10	565	7.6%	0.01%	
3	MARTIN SOLAR	75	0	0.0%	0.00%	
4	Total	110	1,951	2.4%	0.02%	

	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	8,718	\$5.18	0.0	\$0.00	0	\$0.00
6	SPACE COAST	3,555	\$5.18	0.0	\$0.00	0	\$0.00
7	MARTIN SOLAR	0	\$5.18	0.0	\$0.00	0	\$0.00
8	Total	12,273	\$63,615	0.0	\$0.00	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	515	0.2	0.00	0.00
10	SPACE COAST	210	0.1	0.00	0.00
11	MARTIN SOLAR	0	0.0	0.00	0.00
12	Total	725	0.3	0.00	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	(\$46,870) <sup>(7)</sup>	\$637,856	\$381,447	(\$125,272)	\$0	\$847,161
14	SPACE COAST	\$39,310	\$298,777	\$159,381	(\$52,728)	\$0	\$444,740
15	MARTIN SOLAR	\$0	\$2,086,986	\$98,803	\$1,086,837	\$0	\$3,272,626
16	Total	(\$7,560)	\$3,023,619	\$639,632	\$908,837	\$0	\$4,564,527

- (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. For Martin Solar, Carrying Costs also includes return on regulatory asset beginning in February 2023 per Order No. PSC-0424-FOF-EI.
- (5) Capital cost data represents depreciation expense on net investment.
- (6) Other cost data represents dismantlement costs and amortization on ITC. For Martin Solar, Other also includes the amortization of regulatory asset.
- (7) Credit O&M amount due to adjustment of warehouse overhead costs due to overstatement of costs through December 2023.