



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

August 20, 2025

-VIA ELECTRONIC FILING-

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

Re: Docket No. 20250007-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 2025 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

23080379

CERTIFICATE OF SERVICE
Docket No. 20250007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 20th day of August 2025 to the following:

Jacob Imig
Carlos Marquez
Adria Harper
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399
jimig@psc.state.fl.us
cmarquez@psc.state.fl.us
aharper@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
regdept@tecoenergy.com

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

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

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

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

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: July 2025

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	17,659	(81)	(20)	0
2	16,507	(81)	(20)	0
3	15,657	(81)	(20)	0
4	15,034	(80)	(20)	0
5	14,753	(80)	(20)	0
6	14,912	(78)	(20)	0
7	15,238	1,241	162	0
8	15,756	5,787	1,014	0
9	17,271	8,616	2,025	0
10	19,116	9,568	3,032	0
11	20,882	10,369	3,746	0
12	22,475	10,630	4,121	0
13	23,744	10,518	3,996	0
14	24,651	10,350	3,970	0
15	25,196	8,842	3,518	0
16	25,470	7,414	2,575	0
17	25,554	5,522	1,641	0
18	25,377	3,861	818	0
19	24,833	1,260	224	0
20	23,841	(63)	(30)	0
21	22,953	(84)	(24)	0
22	22,031	(82)	(21)	0
23	20,694	(81)	(20)	0
24	19,192	(80)	(20)	0

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: July 2025

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1 DESOTO	25	2,886	15.5%	0.02%	14,969,159
2 SPACE COAST	10	949	12.8%	0.01%	
3 MARTIN SOLAR	0	0	0.0%	0.00%	
4 Total	35	3,835	14.7%	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	21,037	\$4.93	166	\$106.84	0	\$0.00
6 SPACE COAST	7,016	\$4.93	46	\$106.84	0	\$0.00
7 MARTIN SOLAR	0	\$4.93	0	\$106.84	0	\$0.00
8 Total	28,053	\$138,391	212	\$22,643	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9 DESOTO	1,323	0.52	0.01	0.00
10 SPACE COAST	437	0.17	0.00	0.00
11 MARTIN SOLAR	0	0.00	0.00	0.00
12 Total	1,759	0.69	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13 DESOTO	\$10,801	\$589,096	\$383,385	(\$116,188)	\$0	\$867,093
14 SPACE COAST	\$64,065	\$276,142	\$179,438	(\$50,634)	\$0	\$469,011
15 MARTIN SOLAR	\$0	\$1,943,792	\$0	⁽⁷⁾ \$821,258	\$0	\$2,765,050
16 Total	\$74,866	\$2,809,031	\$562,822	\$654,436	\$0	\$4,101,155

(1) Net Generation data represents a calendar month.

(2) Total System Net Generation 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) For Martin Solar, all amortization is reflected in Other.

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: Year-to-Date (January - July) 2025

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	18,623	14.6%	84,730,351
2	SPACE COAST	10	6,795	13.4%	
3	MARTIN SOLAR	0	0	0.0%	
4	Total	35	25,418	14.3%	

	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	127,978	\$5.41	166	\$107.02	0	\$0.00
6	SPACE COAST	46,141	\$5.41	46	\$107.02	0	\$0.00
7	MARTIN SOLAR	0	\$5.41	0	\$107.02	0	\$0.00
8	Total	174,119	\$941,574	211	\$22,600	0	\$0

		CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
9	DESOTO	7,647	2.80	0.04	0.00
10	SPACE COAST	2,959	1.01	0.01	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	10,606	3.81	0.05	0.00

		O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)
13	DESOTO	\$192,127	\$4,206,490	\$2,680,770	(\$813,318)	\$0	\$6,266,069
14	SPACE COAST	\$391,053	\$1,971,958	\$1,255,361	(\$354,440)	\$0	\$3,263,932
15	MARTIN SOLAR	\$0	\$13,851,647	\$0	⁽⁷⁾ \$5,748,807	\$0	\$19,600,454
16	Total	\$583,180	\$20,030,095	\$3,936,131	\$4,581,050	\$0	\$29,130,456

(1) Net Generation data represents a calendar month.

(2) Total System Net Generation 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) For Martin Solar, all amortization is reflected in Other.