



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

July 20, 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 June 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

:21436530

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 20th day of July 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. Jeffry Wahlen
Malcolm N. Means
Virginia Ponder
Ausley McMullen
123 S. Calhoun Street (32301)
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: June 2023

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	15,412	(55)	(18)	NA
2	14,346	(55)	(18)	NA
3	13,568	(56)	(18)	NA
4	13,059	(56)	(18)	NA
5	12,844	(55)	(18)	NA
6	13,051	(55)	(18)	NA
7	13,463	(43)	(8)	NA
8	14,266	2,072	319	NA
9	15,822	5,962	1,296	NA
10	17,589	8,062	2,685	NA
11	19,298	10,508	3,750	NA
12	20,831	11,419	4,692	NA
13	21,974	11,595	5,461	NA
14	22,721	11,237	5,135	NA
15	23,106	11,498	5,142	NA
16	23,275	10,474	4,432	NA
17	23,271	9,215	3,329	NA
18	23,043	7,699	2,208	NA
19	22,463	5,820	1,026	NA
20	21,468	2,421	194	NA
21	20,637	(24)	(33)	NA
22	19,766	(64)	(22)	NA
23	18,427	(56)	(18)	NA
24	16,924	(56)	(18)	NA

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

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,222	17.9%	0.02%	13,189,448
2	SPACE COAST	10	1,184	16.4%	0.01%	
3	MARTIN SOLAR	0	0	0.0%	0.00%	
4	Total	35	4,406	17.5%	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	25,998	\$3.76	190	\$102.81	0	\$0.00
6	SPACE COAST	9,664	\$3.76	68	\$102.81	0	\$0.00
7	MARTIN SOLAR	0	\$3.76	0	\$102.81	0	\$0.00
8	Total	35,663	\$134,053	258	\$26,483.44	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,630	0.61	0.01	0.00
10	SPACE COAST	605	0.23	0.00	0.00
11	MARTIN SOLAR	0	0.00	0.00	0.00
12	Total	2,235	0.84	0.01	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$36,006	\$645,458	\$381,151	(\$116,188)	\$0	\$946,427
14	SPACE COAST	\$30,379	\$301,635	\$178,157	(\$50,634)	\$0	\$459,536
15	MARTIN SOLAR	\$94 ⁽⁷⁾	\$2,099,483 ⁽⁸⁾	\$0	\$821,258 ⁽⁹⁾	\$0	\$2,920,835
16	Total	\$66,479	\$3,046,576	\$559,308	\$654,436	\$0	\$4,326,798

- (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 - June) 2023

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	19,008	17.5%	0.03%	67,082,870
2	SPACE COAST	10	7,435	17.1%	0.01%	
3	MARTIN SOLAR	75	(4)	0.0%	0.00%	
4	Total	110	26,439	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	147,489	\$4.41	307	\$104.08	0	\$0.00
6	SPACE COAST	57,266	\$4.41	96	\$104.08	0	\$0.00
7	MARTIN SOLAR	(56)	\$4.41	0	\$104.08	0	\$0.00
8	Total	204,699	\$902,553	403	\$41,980.19	0	\$0.00

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	8,872	3.23	0.05	0.00
10	SPACE COAST	3,433	1.25	0.02	0.00
11	MARTIN SOLAR	(3)	0.00	0.00	0.00
12	Total	12,302	4.47	0.06	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$264,188	\$3,914,238	\$2,287,037	(\$697,129)	\$0	\$5,768,333
14	SPACE COAST	\$162,117	\$1,829,969	\$1,068,940	(\$303,805)	\$0	\$2,757,220
15	MARTIN SOLAR	\$311,412 ⁽⁷⁾	\$12,724,127 ⁽⁸⁾	\$487,846 ⁽⁷⁾	\$4,151,848 ⁽⁹⁾	\$0	\$17,675,233
16	Total	\$737,716	\$18,468,333	\$3,843,823	\$3,150,913	\$0	\$26,200,786

- (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.