



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

February 21, 2022

-VIA ELECTRONIC FILING -

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

Re: Docket No. 20220007-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 2022, 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/ attachments)

CERTIFICATE OF SERVICE

Docket No. 20220007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 21st day of February 2022 to the following:

Charles Murphy
Jacob Imig
Ashley Weisenfeld
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
aweisen@psc.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

Richard Gentry
Patricia A. Christensen
Charles J. Rehwinkel
Stephanie Morse
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

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**

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

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

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
Joseph R. Briscar
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, DC 20007-5201
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 2022

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,082	(50)	(20)	(139)
2	9,590	(50)	(20)	(129)
3	9,336	(50)	(20)	(124)
4	9,263	(50)	(20)	(148)
5	9,408	(51)	(20)	(145)
6	9,927	(51)	(20)	(160)
7	10,978	(51)	(20)	(203)
8	11,890	534	73	(337)
9	12,689	5,746	1,830	(515)
10	13,242	9,718	3,847	(650)
11	13,519	11,407	5,103	137
12	13,656	11,325	5,923	1,836
13	13,718	11,044	5,856	3,239
14	13,677	10,622	5,430	4,304
15	13,625	10,907	4,760	5,305
16	13,580	9,217	3,621	5,945
17	13,564	7,031	1,829	6,018
18	13,732	1,517	120	2,910
19	14,311	65	(28)	367
20	14,018	(51)	(22)	(193)
21	13,444	(49)	(20)	(164)
22	12,719	(49)	(19)	(147)
23	11,860	(49)	(19)	(102)
24	10,875	(49)	(19)	(114)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: January 2022

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,744	14.8%	0.03%	10,392,455
2	SPACE COAST	10	1,182	15.9%	0.01%	
3	MARTIN SOLAR	75	830	1.5%	0.01%	
4	Total	110	4,757	5.8%	0.05%	

	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	18,822	\$5.97	0.1	\$87.82	0	\$0.00
6	SPACE COAST	8,072	\$5.97	0.1	\$87.82	0	\$0.00
7	MARTIN SOLAR	5,386	\$5.97	0.0	\$87.82	0	\$0.00
8	Total	32,280	\$192,570	0.2	\$15	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,113	0.4	0.0	0.00
10	SPACE COAST	477	0.2	0.0	0.00
11	MARTIN SOLAR	318	0.1	0.0	0.00
12	Total	1,909	0.7	0.0	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$58,020	\$657,225	\$381,581	(\$151,311)	\$0	\$945,514
14	SPACE COAST	\$17,544	\$307,621	\$178,157	(\$65,169)	\$0	\$438,153
15	MARTIN SOLAR	\$361,955	\$2,105,668	\$977,893	(\$406,194)	\$0	\$3,039,322
16	Total	\$437,519	\$3,070,514	\$1,537,630	(\$622,674)	\$0	\$4,422,988

⁽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 - January) 2022

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,744	14.8%	0.03%	10,392,455
2	SPACE COAST	10	1,182	15.9%	0.01%	
3	MARTIN SOLAR	75	830	1.5%	0.01%	
4	Total	110	4,757	5.8%	0.05%	

	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	18,822	\$5.97	0.1	\$87.82	0	\$0.00
6	SPACE COAST	8,072	\$5.97	0.1	\$87.82	0	\$0.00
7	MARTIN SOLAR	5,386	\$5.97	0.0	\$87.82	0	\$0.00
8	Total	32,280	\$192,570	0.2	\$15	0	\$0

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,113	0.4	0.0	0.00
10	SPACE COAST	477	0.2	0.0	0.00
11	MARTIN SOLAR	318	0.1	0.0	0.00
12	Total	1,909	0.7	0.0	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$58,020	\$657,225	\$381,581	(\$151,311)	\$0	\$945,514
14	SPACE COAST	\$17,544	\$307,621	\$178,157	(\$65,169)	\$0	\$438,153
15	MARTIN SOLAR	\$361,955	\$2,105,668	\$977,893	(\$406,194)	\$0	\$3,039,322
16	Total	\$437,519	\$3,070,514	\$1,537,630	(\$622,674)	\$0	\$4,422,988

- (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.