



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

March 22, 2021

-VIA ELECTRONIC FILING-

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

Re: Docket No. 20210007-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 February 2021, 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.

Also included is the Solar Plant Operation Status Report for January 2021 to correct the monthly carrying costs and capital costs for the Space Coast Solar project.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

s/ Maria Jose Moncada

Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

CERTIFICATE OF SERVICE
Docket No. 20210007-EI

I **HEREBY CERTIFY** that a true and correct copy of the foregoing has been furnished
by electronic service on this 22nd day of March 2021 to the following:

Charles Murphy
Office of General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
aweisenf@psc.state.fl.us
cmurphy@psc.state.fl.us

Russell A. Badders
Vice President & General Counsel
One Energy Place, Bin 100
Pensacola, FL 32520-0100
russell.badders@nexteraenergy.com
Attorney for Gulf Power Company

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

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

Richard Gentry
Patricia A. Christensen
Charles J. Rehwinkel
Mireille Fall-Fry
Stephanie Morse
Anastacia Pirrello
Office of Public Counsel
c/o The Florida Legislature
111 West Madison St., Room 812
Tallahassee, FL 32399-1400
christensen.patty@leg.state.fl.us
rehwinkel.charles@leg.state.fl.us
fall-fry.mireille@leg.state.fl.us
morse.stephanie@leg.state.fl.us
pirrello.anastacia@leg.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

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**

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**

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 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	9,431	(49)	(20)	(181)
2	8,969	(48)	(20)	(183)
3	8,733	(48)	(21)	(176)
4	8,395	(49)	(21)	(183)
5	8,831	(51)	(21)	(197)
6	9,404	(53)	(21)	(225)
7	10,396	(55)	(22)	(279)
8	11,337	401	76	(374)
9	12,145	6,186	1,803	(522)
10	12,626	9,877	3,745	(110)
11	12,851	11,652	5,202	2,163
12	12,953	11,852	6,108	4,841
13	13,037	11,681	6,254	6,383
14	13,037	11,273	6,069	7,681
15	13,014	10,460	5,305	6,595
16	12,984	9,797	3,769	7,123
17	12,944	7,572	1,854	7,327
18	13,099	1,365	166	2,999
19	13,690	(66)	(32)	(180)
20	13,366	(52)	(26)	(200)
21	12,716	(51)	(22)	(203)
22	11,924	(50)	(21)	(201)
23	11,060	(50)	(20)	(196)
24	10,126	(49)	(20)	(195)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: January 2021

REVISED 3/22/21

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)
1	DESOTO	25	2,835	15.2%	8,667,511
2	SPACE COAST	10	1,242	16.7%	
3	MARTIN SOLAR	75	1,287	2.3%	
4	Total	110	5,364	6.6%	

	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	19,665	\$4.70	0	\$0.00	46	\$47.60
6	SPACE COAST	8,711	\$4.70	0	\$0.00	11	\$47.60
7	MARTIN SOLAR	8,871	\$4.70	0	\$0.00	12	\$47.60
8	Total	37,247	\$175,244	0	\$0	69	\$3,287

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,243	0.48	0.01	0.00
10	SPACE COAST	534	0.20	0.00	0.00
11	MARTIN SOLAR	546	0.21	0.00	0.00
12	Total	2,323	0.89	0.02	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$33,059	\$687,262	\$432,534	(\$148,208)	\$0	\$1,004,647
14	SPACE COAST	\$14,373	\$320,845	\$194,936	(\$62,871)	\$0	\$467,284
15	MARTIN SOLAR	\$218,801	\$2,164,742	\$1,028,729	(\$402,196)	\$0	\$3,010,075
16	Total	\$266,233	\$3,172,849	\$1,656,198	(\$613,275)	\$0	\$4,482,005

- ⁽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) 2021

REVISED 3/22/21

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	2,835	15.2%	0.03%	8,667,511
2	SPACE COAST	10	1,242	16.7%	0.01%	
3	MARTIN SOLAR	75	1,287	2.3%	0.01%	
4	Total	110	5,364	6.6%	0.06%	

	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	19,665	\$4.70	0	\$0.00	46	\$47.60
6	SPACE COAST	8,711	\$4.70	0	\$0.00	11	\$47.60
7	MARTIN SOLAR	8,871	\$4.70	0	\$0.00	12	\$47.60
8	Total	37,247	\$175,244	0	\$0	69	\$3,287

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,243	0.48	0.01	0.00
10	SPACE COAST	534	0.20	0.00	0.00
11	MARTIN SOLAR	546	0.21	0.00	0.00
12	Total	2,323	0.89	0.02	0.00

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
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15	MARTIN SOLAR	\$218,801	\$2,164,742	\$1,028,729	(\$402,196)	\$0	\$3,010,075
16	Total	\$266,233	\$3,172,849	\$1,656,198	(\$613,275)	\$0	\$4,482,005

- (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: February 2021

Hour of Day	System Firm Demand (MW)	Average Hourly Net Output (kWh)		
		DESOTO	SPACE COAST	MARTIN SOLAR
1	10,267	(50)	(20)	(161)
2	9,678	(49)	(20)	(150)
3	9,351	(48)	(20)	(135)
4	9,216	(49)	(20)	(133)
5	9,296	(51)	(20)	(141)
6	9,757	(53)	(21)	(168)
7	10,665	(55)	(21)	(263)
8	11,560	1,408	395	(403)
9	12,577	8,258	2,202	(526)
10	13,395	11,620	4,182	229
11	14,026	13,317	5,605	3,317
12	14,554	12,883	6,636	6,600
13	14,876	13,235	6,806	8,910
14	15,184	13,886	6,831	9,844
15	15,322	13,420	5,748	10,101
16	15,358	12,056	4,385	11,115
17	15,295	9,208	2,504	8,489
18	15,131	3,440	636	4,892
19	15,233	(26)	(25)	428
20	14,982	(54)	(28)	(164)
21	14,197	(53)	(24)	(186)
22	13,325	(52)	(22)	(181)
23	12,358	(51)	(21)	(179)
24	11,280	(50)	(20)	(165)

Florida Power & Light Company
Actual Data for Next Generation Solar Centers
Environmental Cost Recovery Clause
Period of: February 2021

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	3,139	18.7%	0.04%	8,751,299
2	SPACE COAST	10	1,278	19.0%	0.01%	
3	MARTIN SOLAR	75	1,707	3.4%	0.02%	
4	Total	110	6,124	8.3%	0.07%	

	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	20,324	\$5.36	72	\$72.99	195	\$46.24
6	SPACE COAST	8,257	\$5.36	34	\$72.99	86	\$46.24
7	MARTIN SOLAR	11,295	\$5.36	84	\$72.99	87	\$46.24
8	Total	39,876	\$213,888	190	\$13,888	368	\$17,027

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	1,583	0.7	0.2	0.00
10	SPACE COAST	657	0.3	0.1	0.00
11	MARTIN SOLAR	864	0.4	0.2	0.00
12	Total	3,105	1.5	0.5	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$29,169	\$684,086	\$432,535	(\$148,208)	\$0	\$997,582
14	SPACE COAST	\$10,693	\$319,427	\$194,936	(\$62,871)	\$0	\$462,185
15	MARTIN SOLAR	\$250,170	\$2,159,398	\$1,029,561	(\$402,196)	\$0	\$3,036,932
16	Total	\$290,032	\$3,162,911	\$1,657,031	(\$613,275)	\$0	\$4,496,699

⁽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 - February) 2021

	Net Capability (MW)	⁽¹⁾ Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	⁽²⁾ Total System Net Generation (MWh)	
1	DESOTO	25	5,973	16.9%	0.03%	17,418,810
2	SPACE COAST	10	2,520	17.8%	0.01%	
3	MARTIN SOLAR	75	2,994	2.8%	0.02%	
4	Total	110	11,487	7.4%	0.07%	

	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	39,990	\$5.05	72	\$72.99	241	\$46.45
6	SPACE COAST	16,968	\$5.05	34	\$72.99	97	\$46.45
7	MARTIN SOLAR	20,165	\$5.05	84	\$72.99	100	\$46.45
8	Total	77,123	\$389,133	190	\$13,888	437	\$20,314

	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)	
9	DESOTO	2,827	1.2	0.2	0.01
10	SPACE COAST	1,191	0.5	0.1	0.00
11	MARTIN SOLAR	1,410	0.6	0.2	0.00
12	Total	5,428	2.4	0.5	0.01

	O&M (\$)	⁽⁴⁾ Carrying Costs (\$)	⁽⁵⁾ Capital (\$)	⁽⁶⁾ Other (\$)	Fuel Cost (\$)	Total Cost of Generation (\$)	
13	DESOTO	\$62,228	\$1,371,348	\$865,069	(\$296,416)	\$0	\$2,002,228
14	SPACE COAST	\$25,066	\$640,273	\$389,872	(\$125,742)	\$0	\$929,468
15	MARTIN SOLAR	\$468,970	\$4,324,140	\$2,058,289	(\$804,392)	\$0	\$6,047,007
16	Total	\$556,264	\$6,335,761	\$3,313,229	(\$1,226,550)	\$0	\$8,978,704

- (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.