



Stephanie A. Cuello
SENIOR COUNSEL

February 27, 2026

VIA ELECTRONIC FILING

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

Re: Duke Energy Florida, LLC's Solar Plant Operation Status Report;
Docket No. 20260007-EI

Dear Mr. Teitzman:

Enclosed for filing on behalf of Duke Energy Florida, LLC ("DEF") is DEF's Solar Plant Operation Status Report for the month of January 2026, in accordance with Paragraph 15a. of the 2017 Second Revised and Restated Settlement Agreement, which was approved in Order No. PSC-2017-0451-AS-EU, dated November 20, 2017.

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

/s/ Stephanie A. Cuello

Stephanie A. Cuello

SAC/vr
Attachment

CERTIFICATE OF SERVICE

Docket No. 20260007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 27th day of February, 2026.

/s/ Stephanie A. Cuello

Attorney

<p>C. Marquez / J. Imig Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 cmarquez@psc.state.fl.us jimig@psc.state.fl.us</p> <p>J. Wahlen / M. Means / M. Jones Ausley McMullen Tampa Electric Company P.O. Box 391 Tallahassee, FL 32302 jwahlen@ausley.com mmeans@ausley.com mjones@ausley.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. FIPUG 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com</p> <p>Maria Jose Moncada / Joel T. Baker Florida Power & Light Company 700 Universe Boulevard (LAW/JB) Juno Beach, FL 33408-0420 maria.moncada@fpl.com joel.baker@fpl.com</p> <p>Kenneth A. Hoffman Florida Power & Light Company 134 W. Jefferson Street Tallahassee, FL 32301-1713 ken.hoffman@fpl.com</p>	<p>W. Trierweiler / P. Christensen / C. Rehwinkel / M. Wessling / O. Ponce / A. Watrous Office of Public Counsel 111 West Madison Street, Room 812 Tallahassee, FL 32399-1400 Trierweiler.walt@leg.state.fl.us christensen.patty@leg.state.fl.us rehwinkel.charles@leg.state.fl.us wessling.mary@leg.state.fl.us ponce.octavio@leg.state.fl.us watrous.austin@leg.state.fl.us</p> <p>Paula K. Brown Tampa Electric Company Regulatory Affairs P.O. Box 111 Tampa, FL 33601 regdept@tecoenergy.com</p> <p>Peter J. Mattheis / Michael K. Lavanga / Joseph R. Briscar Stone Mattheis Xenopoulos & Brew, PC NUCOR 1025 Thomas Jefferson Street, NW Suite E-3400 Washington, DC 20007 pjm@smxblaw.com mkl@smxblaw.com jrb@smxblaw.com</p> <p>James W. Brew / Laura Wynn Baker / Sarah B. Newman Stone Mattheis Xenopoulos & Brew, P.C. PCS Phosphate –White Springs 1025 Thomas Jefferson Street, NW Suite E-3400 Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com sbn@smxblaw.com</p>
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Duke Energy Florida, LLC
 Actual Data for Solar Generation Facilities
 Solar Base Rate Adjustment (SoBRA) Reporting
January, 2026

Hour of Day	System Firm Demand (MW)	AVERAGE HOURLY NET OUTPUT (MWh)									
		Hamilton	Lake Placid	Trenton	Columbia	Debary	Santa Fe	Twin Rivers	Duette	Sandy Creek	Charlie Creek
1	3,969.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	3,846.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	3,785.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	3,805.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	3,930.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	4,204.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	4,668.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	5,038.8	0.8	0.7	1.0	1.2	1.2	0.7	0.6	1.6	0.4	2.3
9	5,051.0	17.1	9.4	16.8	18.0	11.7	14.9	13.9	23.6	12.5	27.6
10	4,831.7	36.7	17.8	33.5	31.9	27.8	30.1	31.6	42.0	32.4	42.1
11	4,584.6	43.2	20.9	43.4	38.2	39.0	36.3	37.2	48.9	38.3	49.3
12	4,384.6	44.2	20.9	45.5	40.7	45.8	39.2	39.2	49.0	41.5	51.0
13	4,302.5	45.8	21.4	44.1	40.5	46.9	38.5	40.2	46.4	43.6	47.2
14	4,235.4	43.2	20.1	42.4	36.1	43.8	35.6	38.1	46.3	41.9	48.3
15	4,238.2	40.8	19.3	38.0	34.6	38.3	32.3	37.1	44.3	41.4	46.7
16	4,349.8	34.5	17.4	34.8	31.0	26.8	29.1	33.7	37.2	38.5	45.4
17	4,553.8	28.6	13.9	24.7	24.0	14.3	21.9	27.6	25.9	28.9	33.0
18	4,868.7	5.8	2.9	4.7	5.7	2.2	4.7	5.5	5.8	8.4	5.9
19	5,191.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
20	5,208.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	5,091.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	4,900.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	4,586.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	4,288.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

INTERNAL

Duke Energy Florida, LLC
 Actual Data for Solar Generation Facilities
 Solar Base Rate Adjustment (SoBRA) Reporting
 PERIOD:
January, 2026

Facility	Net Capability (MW)	Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation (MWh)
HAMILTON	74.9	10,559	18.9%	0.3%	3,381,933
LAKE PLACID	45.0	5,103	15.2%	0.2%	
TRENTON	74.9	10,194	18.3%	0.3%	
COLUMBIA	74.9	9,356	16.8%	0.3%	
DEBARY	74.5	9,233	16.7%	0.3%	
SANTA FE	74.9	8,786	15.8%	0.3%	
TWIN RIVERS	74.9	9,443	16.9%	0.3%	
DUETTE	74.5	11,502	20.8%	0.3%	
SANDY CREEK	74.9	10,162	18.2%	0.3%	
CHARLIE CREEK	74.9	12,363	22.2%	0.4%	
Total:	718.3	96,701.0	18.1%	2.9%	

Facility	Natural Gas Displaced (MCF)	Cost of NG (\$/MCF)	Oil Displaced (Bbls)	Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	Cost of Coal (\$/Ton)
HAMILTON	39,211	\$9.42	775	\$102.71	1,661	\$59.34
LAKE PLACID	18,950	\$9.42	375	\$102.71	803	\$59.34
TRENTON	37,856	\$9.42	749	\$102.71	1,603	\$59.34
COLUMBIA	34,744	\$9.42	687	\$102.71	1,471	\$59.34
DEBARY	34,287	\$9.42	678	\$102.71	1,452	\$59.34
SANTA FE	32,627	\$9.42	645	\$102.71	1,382	\$59.34
TWIN RIVERS	35,067	\$9.42	693	\$102.71	1,485	\$59.34
DUETTE	42,713	\$9.42	845	\$102.71	1,809	\$59.34
SANDY CREEK	37,737	\$9.42	746	\$102.71	1,598	\$59.34
CHARLIE CREEK	45,910	\$9.42	908	\$102.71	1,944	\$59.34
Total:	359,102	\$3,381,294	7,100	\$729,279	15,208	\$902,458

Facility	CO2 Reductions (Tons)	NOx Reduction (Tons)	SO2 Reduction (Tons)	Hg Reduction (lbs)
HAMILTON	6,110	2	2	0
LAKE PLACID	2,953	1	1	0
TRENTON	5,899	2	2	0
COLUMBIA	5,414	2	1	0
DEBARY	5,343	2	1	0
SANTA FE	5,084	2	1	0
TWIN RIVERS	5,464	2	1	0
DUETTE	6,656	2	2	0
SANDY CREEK	5,880	2	2	0
CHARLIE CREEK	7,154	3	2	0
Total:	55,957	21	14	1

Facility	O&M (\$)	Carrying Costs (\$)	Capital (\$)	Other (\$)	Fuel Costs (\$)	Total Cost of Generation (\$)
HAMILTON	122,054	\$574,879	\$260,592	\$16,388	\$0	\$851,859
LAKE PLACID	127,957	\$331,989	\$143,499	\$8,683	\$0	\$484,171
TRENTON	106,619	\$529,590	\$231,442	\$17,550	\$0	\$778,582
COLUMBIA	101,147	\$585,780	\$246,546	\$17,645	\$0	\$849,971
DEBARY	76,989	\$481,879	\$202,962	\$14,286	\$0	\$699,127
SANTA FE	38,360	\$596,772	\$222,603	\$17,384	\$0	\$836,759
TWIN RIVERS	89,427	\$549,136	\$223,944	\$15,572	\$0	\$788,652
DUETTE	46,729	\$540,683	\$231,508	\$20,420	\$0	\$792,611
SANDY CREEK	156,404	\$534,470	\$210,008	\$16,083	\$0	\$760,560
CHARLIE CREEK	371,247	\$566,178	\$223,522	\$21,047	\$0	\$810,747
Total:	\$1,236,933	\$5,291,354	\$2,196,626	\$165,058	\$0	\$7,653,038

Notes:

INTERNAL

Duke Energy Florida, LLC
 Actual Data for Solar Generation Facilities
 Solar Base Rate Adjustment (SoBRA) Reporting
 YEAR-TO-DATE THROUGH:
January, 2026

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