



Stephanie A. Cuello
SENIOR COUNSEL

April 30, 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 March 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 30th day of April, 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 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 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
March, 2026

		AVERAGE HOURLY NET OUTPUT (MWh)	AVERAGE HOURLY NET OUTPUT (MWh)	AVERAGE HOURLY NET OUTPUT (MWh)	AVERAGE HOURLY NET OUTPUT (MWh)	AVERAGE HOURLY NET OUTPUT (MWh)	AVERAGE HOURLY NET OUTPUT (MWh)	AVERAGE HOURLY NET OUTPUT (MWh)	AVERAGE HOURLY NET OUTPUT (MWh)	AVERAGE HOURLY NET OUTPUT (MWh)	AVERAGE HOURLY NET OUTPUT (MWh)
Hour of Day	System Firm Demand (MW)	Hamilton	Lake Placid	Trenton	Columbia	Debary	Santa Fe	Twin Rivers	Duette	Sandy Creek	Charlie Creek
1	1	3,538.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2	3,261.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	3	3,085.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	4	3,005.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	5	3,013.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	6	3,174.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	7	3,481.0	0.4	0.3	0.4	0.5	0.3	0.4	0.2	0.4	0.0
8	8	3,742.7	15.2	9.6	14.6	17.3	8.4	13.2	12.3	15.9	11.1
9	9	3,911.5	41.9	25.5	40.3	41.8	26.3	34.4	35.5	45.8	37.0
10	10	3,999.8	52.0	30.9	52.2	52.8	41.2	39.1	47.7	55.3	49.6
11	11	4,083.7	58.6	31.7	53.5	58.6	50.9	42.3	53.9	58.7	54.3
12	12	4,222.3	56.8	32.2	40.7	52.9	54.5	38.0	55.6	59.1	56.0
13	13	4,444.8	55.0	32.6	36.7	47.1	54.5	32.8	53.0	58.5	56.5
14	14	4,690.4	54.1	31.7	37.5	47.1	51.1	30.1	53.0	54.9	58.5
15	15	4,924.4	54.2	30.3	34.4	46.5	47.5	28.7	51.9	51.6	58.8
16	16	5,151.8	51.3	26.0	34.3	41.0	36.5	29.6	47.5	47.0	56.7
17	17	5,381.1	46.4	21.8	35.6	36.0	21.3	24.0	41.1	38.6	52.0
18	18	5,504.2	26.5	10.5	22.9	19.9	8.5	14.3	23.1	18.1	29.3
19	19	5,496.2	2.4	0.7	1.9	2.0	0.7	1.4	2.3	1.4	4.7
20	20	5,357.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	21	5,178.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	22	4,833.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	23	4,374.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	24	3,914.7	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:
March, 2026

Facility	Net Capability (MW)	Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation (MWh)
HAMILTON	74.9	15,958	28.6%	0.5%	3,181,216
LAKE PLACID	45.0	8,802	26.3%	0.3%	
TRENTON	74.9	12,551	22.5%	0.4%	
COLUMBIA	74.9	14,370	25.8%	0.5%	
DEBARY	74.5	12,457	22.5%	0.4%	
SANTA FE	74.9	10,178	18.3%	0.3%	
TWIN RIVERS	74.9	14,797	26.6%	0.5%	
DUETTE	74.5	15,664	28.3%	0.5%	
SANDY CREEK	74.9	16,263	29.2%	0.5%	
CHARLIE CREEK	74.9	16,681	29.9%	0.5%	
Total:	718.3	137,721.0	25.8%	4.3%	

Facility	Natural Gas Displaced (MCF)	Cost of NG (\$/MCF)	Oil Displaced (Bbls)	Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	Cost of Coal (\$/Ton)
HAMILTON	126,440	\$3.41	68	\$164.39	319	\$106.42
LAKE PLACID	69,741	\$3.41	38	\$164.39	176	\$106.42
TRENTON	99,446	\$3.41	54	\$164.39	251	\$106.42
COLUMBIA	113,858	\$3.41	61	\$164.39	288	\$106.42
DEBARY	98,701	\$3.41	53	\$164.39	249	\$106.42
SANTA FE	80,643	\$3.41	43	\$164.39	204	\$106.42
TWIN RIVERS	117,241	\$3.41	63	\$164.39	296	\$106.42
DUETTE	124,111	\$3.41	67	\$164.39	313	\$106.42
SANDY CREEK	128,857	\$3.41	69	\$164.39	325	\$106.42
CHARLIE CREEK	132,169	\$3.41	71	\$164.39	334	\$106.42
Total:	1,091,207	\$3,722,903	589	\$96,748	2,756	\$293,279

Facility	CO2 Reductions (Tons)	NOx Reduction (Tons)	SO2 Reduction (Tons)	Hg Reduction (lbs)
HAMILTON	8,356	3	0	0
LAKE PLACID	4,609	2	0	0
TRENTON	6,572	3	0	0
COLUMBIA	7,524	3	0	0
DEBARY	6,522	3	0	0
SANTA FE	5,329	2	0	0
TWIN RIVERS	7,748	3	0	0
DUETTE	8,202	3	0	0
SANDY CREEK	8,515	3	0	0
CHARLIE CREEK	8,734	3	0	0
Total:	72,110	28	3	0

Facility	O&M (\$)	Carrying Costs (\$)	Capital (\$)	Other (\$)	Fuel Costs (\$)	Total Cost of Generation (\$)
HAMILTON	87,889	\$572,105	\$260,583	\$16,388	\$0	\$849,076
LAKE PLACID	81,152	\$313,265	\$137,699	\$8,683	\$0	\$459,647
TRENTON	535,968	\$526,703	\$231,763	\$17,550	\$0	\$776,015
COLUMBIA	105,010	\$583,095	\$246,639	\$17,645	\$0	\$847,379
DEBARY	55,906	\$479,714	\$203,037	\$14,286	\$0	\$697,037
SANTA FE	100,394	\$594,327	\$222,649	\$17,384	\$0	\$834,360
TWIN RIVERS	125,750	\$546,660	\$223,987	\$15,572	\$0	\$786,218
DUETTE	78,213	\$538,012	\$231,551	\$20,420	\$0	\$789,983
SANDY CREEK	136,979	\$532,154	\$210,058	\$16,083	\$0	\$758,296
CHARLIE CREEK	93,168	\$563,639	\$223,567	\$21,047	\$0	\$808,253
Total:	\$1,400,429	\$5,249,673	\$2,191,533	\$165,058	\$0	\$7,606,264

Notes:

INTERNAL

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

Facility	Net Capability (MW)	Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation (MWh)
HAMILTON	74.9	37,685	23.3%	0.4%	9,531,608
LAKE PLACID	45.0	21,022	21.6%	0.2%	
TRENTON	74.9	33,389	20.6%	0.4%	
COLUMBIA	74.9	32,649	20.2%	0.3%	
DEBARY	74.5	30,836	19.2%	0.3%	
SANTA FE	74.9	26,145	16.2%	0.3%	
TWIN RIVERS	74.9	32,057	19.8%	0.3%	
DUETTE	74.5	38,807	24.1%	0.4%	
SANDY CREEK	74.9	38,856	24.0%	0.4%	
CHARLIE CREEK	74.9	42,514	26.3%	0.4%	
Total:	718.3	333,960	21.5%	3.5%	

Facility	Natural Gas Displaced (MCF)	Cost of NG (\$/MCF)	Oil Displaced (Bbls)	Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	Cost of Coal (\$/Ton)
HAMILTON	246,905	\$5.16	1,333	\$109.46	2,624	\$75.17
LAKE PLACID	140,471	\$5.11	725	\$110.13	1,389	\$77.47
TRENTON	214,743	\$5.34	1,269	\$108.92	2,469	\$74.37
COLUMBIA	213,522	\$5.12	1,140	\$109.39	2,274	\$74.61
DEBARY	199,530	\$5.25	1,132	\$109.08	2,229	\$74.35
SANTA FE	165,517	\$5.35	1,004	\$108.45	2,000	\$72.66
TWIN RIVERS	209,181	\$5.07	1,100	\$109.31	2,232	\$73.90
DUETTE	251,519	\$5.24	1,422	\$109.13	2,794	\$74.51
SANDY CREEK	257,037	\$5.14	1,361	\$109.78	2,641	\$76.32
CHARLIE CREEK	276,081	\$5.26	1,570	\$109.19	3,055	\$74.95
Total:	2,174,506	\$11,316,555	12,056	\$1,317,493	23,708	\$1,774,084

Facility	CO2 Reductions (Tons)	NOx Reduction (Tons)	SO2 Reduction (Tons)	Hg Reduction (lbs)
HAMILTON	20,933	8	3	0
LAKE PLACID	11,683	5	2	0
TRENTON	18,634	7	3	0
COLUMBIA	18,105	7	2	0
DEBARY	17,162	7	2	0
SANTA FE	14,572	6	2	0
TWIN RIVERS	17,739	7	2	0
DUETTE	21,599	9	3	0
SANDY CREEK	21,594	9	3	0
CHARLIE CREEK	23,689	9	3	0
Total:	185,709	74	25	2

Facility	O&M (\$)	Carrying Costs (\$)	Capital (\$)	Other (\$)	Fuel Costs (\$)	Total Cost of Generation (\$)
HAMILTON	303,720	\$1,721,567	\$781,795	\$49,164	\$0	\$2,552,526
LAKE PLACID	307,967	\$968,582	\$424,788	\$26,049	\$0	\$1,419,419
TRENTON	771,287	\$1,585,967	\$694,924	\$52,650	\$0	\$2,333,541
COLUMBIA	290,284	\$1,754,454	\$739,799	\$52,935	\$0	\$2,547,188
DEBARY	176,410	\$1,443,306	\$608,998	\$42,858	\$0	\$2,095,162
SANTA FE	181,801	\$1,787,784	\$667,877	\$52,152	\$0	\$2,507,813
TWIN RIVERS	422,764	\$1,644,730	\$671,894	\$46,716	\$0	\$2,363,340
DUETTE	188,427	\$1,619,070	\$694,586	\$61,260	\$0	\$2,374,916
SANDY CREEK	430,435	\$1,600,957	\$630,100	\$48,249	\$0	\$2,279,306
CHARLIE CREEK	293,100	\$1,695,801	\$670,632	\$63,141	\$0	\$2,429,574
Total:	\$3,366,195.00	\$15,822,217	\$6,585,393	\$495,174	\$0	\$22,902,784

Notes: