



Stephanie A. Cuello
SENIOR COUNSEL

January 28, 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 December 2025, 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 28th day of January, 2026.

/s/ Stephanie A. Cuello

Attorney

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Duke Energy Florida, LLC
Actual Data for Solar Generation Facilities
Solar Base Rate Adjustment (SoBRA) Reporting
December, 2025

		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	3,397.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2	3,204.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	3	3,102.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	4	3,071.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	5	3,127.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	6	3,327.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	7	3,674.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	8	3,971.1	1.2	1.9	1.5	1.7	1.6	1.3	0.8	2.3	0.6
9	9	4,108.4	19.9	15.2	19.1	19.2	17.1	16.7	21.5	13.2	25.9
10	10	4,088.8	36.9	25.8	34.2	31.1	27.2	31.0	31.2	41.3	29.2
11	11	4,055.1	42.2	26.3	39.8	35.1	39.8	35.6	35.1	43.7	33.6
12	12	4,038.1	43.0	25.3	38.4	38.5	46.3	37.9	35.1	43.2	36.6
13	13	4,112.0	43.1	26.1	37.8	37.7	45.8	36.5	34.8	43.1	36.8
14	14	4,208.3	43.1	25.0	37.3	37.9	42.4	36.4	35.3	45.7	37.4
15	15	4,326.2	39.8	24.7	36.1	34.7	34.3	32.5	44.5	38.4	43.5
16	16	4,457.2	39.8	22.6	32.1	31.7	22.7	30.2	32.2	40.7	36.1
17	17	4,584.1	22.4	13.1	19.4	18.0	8.2	17.1	19.1	20.5	24.3
18	18	4,751.1	1.4	0.9	1.1	1.5	0.5	1.1	1.5	1.5	3.5
19	19	4,866.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	20	4,735.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	21	4,563.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	22	4,349.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	23	4,043.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	24	3,709.6	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:
December, 2025

	Facility	Net Capability (MW)	Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation (MWh)
1	HAMILTON	74.9	10,316	18.5%	0.3%	3,027,465
1	LAKE PLACID	45.0	6,413	19.2%	0.2%	
1	TRENTON	74.9	9,197	16.5%	0.3%	
1	COLUMBIA	74.9	8,901	16.0%	0.3%	
1	DEBARY	74.5	8,748	15.8%	0.3%	
1	SANTA FE	74.9	8,633	15.5%	0.3%	
1	TWIN RIVERS	74.9	8,498	15.2%	0.3%	
1	DUETTE	74.5	10,783	19.5%	0.4%	
1	SANDY CREEK	74.9	8,983	16.1%	0.3%	
1	CHARLIE CREEK	74.9	11,117	19.9%	0.4%	
2	Total:	718.3	91,589.0	17.1%	3.0%	

	Facility	Natural Gas Displaced (MCF)	Cost of NG (\$/MCF)	Oil Displaced (Bbls)	Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	Cost of Coal (\$/Ton)
3	HAMILTON	54,915	\$4.85	10	\$101.05	639	\$67.65
3	LAKE PLACID	34,138	\$4.85	6	\$101.05	397	\$67.65
3	TRENTON	48,958	\$4.85	8	\$101.05	569	\$67.65
3	COLUMBIA	47,382	\$4.85	8	\$101.05	551	\$67.65
3	DEBARY	46,568	\$4.85	8	\$101.05	542	\$67.65
3	SANTA FE	45,956	\$4.85	8	\$101.05	535	\$67.65
3	TWIN RIVERS	45,237	\$4.85	8	\$101.05	526	\$67.65
3	DUETTE	57,401	\$4.85	10	\$101.05	668	\$67.65
3	SANDY CREEK	47,819	\$4.85	8	\$101.05	556	\$67.65
3	CHARLIE CREEK	59,179	\$4.85	10	\$101.05	688	\$67.65
4	Total:	487,552	\$2,366,167	84	\$8,530	5,671	\$383,634

	Facility	CO2 Reductions (Tons)	NOx Reduction (Tons)	SO2 Reduction (Tons)	Hg Reduction (lbs)
5	HAMILTON	4,635	1	1	0
5	LAKE PLACID	2,881	1	0	0
5	TRENTON	4,132	1	1	0
5	COLUMBIA	3,999	1	1	0
5	DEBARY	3,930	1	1	0
5	SANTA FE	3,879	1	0	0
5	TWIN RIVERS	3,818	1	0	0
5	DUETTE	4,845	1	1	0
5	SANDY CREEK	4,036	1	1	0
5	CHARLIE CREEK	4,995	1	1	0
6	Total:	41,151	10	5	1

	Facility	O&M (\$)	Carrying Costs (\$)	Capital (\$)	Other (\$)	Fuel Costs (\$)	Total Cost of Generation (\$)
7	HAMILTON	52,932	\$574,408	\$260,433	\$16,388	\$0	\$851,229
7	LAKE PLACID	89,730	\$297,718	\$119,072	\$8,683	\$0	\$425,473
7	TRENTON	(24,798)	\$530,464	\$231,123	\$17,550	\$0	\$779,137
7	COLUMBIA	83,875	\$587,466	\$246,589	\$17,645	\$0	\$851,701
7	DEBARY	73,506	\$483,301	\$202,960	\$14,286	\$0	\$700,547
7	SANTA FE	56,839	\$598,382	\$222,601	\$17,384	\$0	\$838,368
7	TWIN RIVERS	80,255	\$550,781	\$223,971	\$15,572	\$0	\$790,324
7	DUETTE	58,028	\$542,375	\$231,508	\$20,420	\$0	\$794,303
7	SANDY CREEK	73,914	\$535,868	\$209,933	\$16,083	\$0	\$761,884
7	CHARLIE CREEK	86,096	\$567,820	\$223,522	\$21,047	\$0	\$812,390
8	Total:	\$630,377	\$5,268,584	\$2,171,714	\$165,058	\$0	\$7,605,355

Notes:

Trenton Lease Adjustment

INTERNAL

Duke Energy Florida, LLC
Actual Data for Solar Generation Facilities
Solar Base Rate Adjustment (SoBRA) Reporting
YEAR-TO-DATE THROUGH:
December, 2025

	Facility	Net Capability (MW)	Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation (MWh)
1	HAMILTON	74.9	182,501	27.8%	0.4%	44,538,377
1	LAKE PLACID	45.0	72,837	18.5%	0.2%	
1	TRENTON	74.9	173,678	26.5%	0.4%	
1	COLUMBIA	74.9	161,265	24.6%	0.4%	
1	DEBARY	74.5	126,812	19.4%	0.3%	
1	SANTA FE	74.9	155,978	23.8%	0.4%	
1	TWIN RIVERS	74.9	166,044	25.3%	0.4%	
1	DUETTE	74.5	169,948	26.0%	0.4%	
1	SANDY CREEK	74.9	166,565	25.4%	0.4%	
1	CHARLIE CREEK	74.9	178,325	27.2%	0.4%	
2	Total:	718.3	1,553,953	24.7%	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)
3	HAMILTON	1,247,851	\$4.06	10,732	\$102.04	11,746	\$59.74
3	LAKE PLACID	487,845	\$4.05	3,483	\$102.03	4,902	\$59.79
3	TRENTON	1,196,327	\$4.03	10,446	\$101.73	11,035	\$59.69
3	COLUMBIA	1,105,146	\$4.05	9,246	\$102.27	10,213	\$59.48
3	DEBARY	859,822	\$4.09	6,729	\$102.21	7,971	\$60.04
3	SANTA FE	1,077,689	\$4.04	9,535	\$101.76	9,770	\$59.47
3	TWIN RIVERS	1,138,399	\$4.04	10,006	\$102.03	10,724	\$59.67
3	DUETTE	1,160,134	\$4.06	9,612	\$101.77	10,812	\$59.94
3	SANDY CREEK	1,139,525	\$4.04	9,712	\$101.84	10,849	\$59.53
3	CHARLIE CREEK	1,221,905	\$4.05	10,296	\$101.89	11,277	\$59.90
4	Total:	10,634,644	\$43,090,145	89,796	\$9,155,340	99,298	\$5,930,554

	Facility	CO2 Reductions (Tons)	NOx Reduction (Tons)	SO2 Reduction (Tons)	Hg Reduction (lbs)
5	HAMILTON	104,556	75	17	1
5	LAKE PLACID	41,177	26	6	0
5	TRENTON	99,853	72	16	1
5	COLUMBIA	92,096	65	15	1
5	DEBARY	71,487	48	11	1
5	SANTA FE	89,661	65	14	1
5	TWIN RIVERS	95,501	69	16	1
5	DUETTE	96,818	68	15	1
5	SANDY CREEK	95,689	68	15	1
5	CHARLIE CREEK	101,828	72	16	1
6	Total:	888,665	629	142	9

	Facility	O&M (\$)	Carrying Costs (\$)	Capital (\$)	Other (\$)	Fuel Costs (\$)	Total Cost of Generation (\$)
7	HAMILTON	1,655,448	\$7,026,587	\$3,118,411	\$196,656	\$0	\$10,341,654
7	LAKE PLACID	1,195,783	\$3,252,477	\$1,461,831	\$104,196	\$0	\$4,818,504
7	TRENTON	1,661,496	\$6,490,879	\$2,786,992	\$210,600	\$0	\$9,488,471
7	COLUMBIA	1,159,378	\$7,168,427	\$2,956,843	\$211,740	\$0	\$10,337,010
7	DEBARY	634,772	\$5,884,880	\$2,431,989	\$171,432	\$0	\$8,488,301
7	SANTA FE	547,913	\$7,305,644	\$2,751,749	\$208,608	\$0	\$10,266,001
7	TWIN RIVERS	1,189,453	\$6,731,392	\$2,683,387	\$186,864	\$0	\$9,601,642
7	DUETTE	654,493	\$6,655,390	\$3,537,067	\$245,040	\$0	\$10,437,497
7	SANDY CREEK	1,925,652	\$6,619,945	\$2,537,896	\$192,996	\$0	\$9,350,837
7	CHARLIE CREEK	1,295,344	\$6,996,761	\$2,702,026	\$252,564	\$0	\$9,951,351
8	Total:	\$11,919,732.00	\$64,132,383	\$26,968,191	\$1,980,696	\$0	\$93,081,270

Notes: