



Stephanie A. Cuello
SENIOR COUNSEL

March 26, 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 February 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 26th day of March, 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
February, 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	4,232.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2	4,116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	3	4,090.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	4	4,123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	5	4,279.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	6	4,618.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	7	5,167.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	8	5,508.1	3.2	3.6	3.5	4.5	3.1	3.4	2.0	5.3	1.9
9	9	5,387.2	30.2	21.4	27.5	27.6	18.3	24.1	18.5	35.6	23.7
10	10	5,002.6	46.5	31.1	41.7	39.7	33.6	35.7	30.1	49.9	44.0
11	11	4,658.4	51.2	32.8	47.8	40.6	44.1	34.0	32.4	51.7	51.5
12	12	4,443.0	52.0	30.3	47.9	39.1	47.6	32.1	32.8	47.4	48.4
13	13	4,344.3	47.2	28.1	47.5	39.1	49.7	30.2	33.9	48.2	49.7
14	14	4,255.0	40.3	27.2	42.6	33.7	42.3	25.5	30.7	45.4	52.5
15	15	4,231.6	38.8	26.4	39.9	29.0	34.1	20.5	30.4	41.8	53.8
16	16	4,343.3	37.1	23.3	35.4	24.8	26.8	18.6	30.2	38.0	49.9
17	17	4,550.9	34.0	20.8	31.0	25.1	20.0	19.4	24.8	36.3	45.9
18	18	4,803.7	17.8	8.9	14.9	15.1	6.7	12.6	13.1	16.1	21.5
19	19	5,106.0	0.5	0.2	0.3	0.4	0.1	0.3	0.4	0.3	1.1
20	20	5,197.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	21	5,071.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	22	4,863.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	23	4,548.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	24	4,238.7	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:
February, 2026

Facility	Net Capability (MW)	Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation (MWh)
HAMILTON	74.9	11,168	22.2%	0.4%	2,968,459
LAKE PLACID	45.0	7,117	23.5%	0.2%	
TRENTON	74.9	10,644	21.1%	0.4%	
COLUMBIA	74.9	8,923	17.7%	0.3%	
DEBARY	74.5	9,146	18.3%	0.3%	
SANTA FE	74.9	7,181	14.3%	0.2%	
TWIN RIVERS	74.9	7,817	15.5%	0.3%	
DUETTE	74.5	11,641	23.3%	0.4%	
SANDY CREEK	74.9	12,431	24.7%	0.4%	
CHARLIE CREEK	74.9	13,470	26.8%	0.5%	
Total:	718.3	99,538.0	20.6%	3.4%	

Facility	Natural Gas Displaced (MCF)	Cost of NG (\$/MCF)	Oil Displaced (Bbls)	Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	Cost of Coal (\$/Ton)
HAMILTON	81,254	\$5.82	490	\$112.49	644	\$100.48
LAKE PLACID	51,780	\$5.82	312	\$112.49	411	\$100.48
TRENTON	77,441	\$5.82	467	\$112.49	614	\$100.48
COLUMBIA	64,920	\$5.82	391	\$112.49	515	\$100.48
DEBARY	66,542	\$5.82	401	\$112.49	528	\$100.48
SANTA FE	52,246	\$5.82	315	\$112.49	414	\$100.48
TWIN RIVERS	56,873	\$5.82	343	\$112.49	451	\$100.48
DUETTE	84,695	\$5.82	511	\$112.49	672	\$100.48
SANDY CREEK	90,443	\$5.82	545	\$112.49	717	\$100.48
CHARLIE CREEK	98,002	\$5.82	591	\$112.49	777	\$100.48
Total:	724,197	\$4,213,065	4,367	\$491,242	5,744	\$577,171

Facility	CO2 Reductions (Tons)	NOx Reduction (Tons)	SO2 Reduction (Tons)	Hg Reduction (lbs)
HAMILTON	6,467	3	1	0
LAKE PLACID	4,121	2	1	0
TRENTON	6,164	3	1	0
COLUMBIA	5,167	2	1	0
DEBARY	5,296	2	1	0
SANTA FE	4,158	2	1	0
TWIN RIVERS	4,527	2	1	0
DUETTE	6,741	3	1	0
SANDY CREEK	7,199	3	1	0
CHARLIE CREEK	7,800	3	1	0
Total:	57,642	25	8	1

Facility	O&M (\$)	Carrying Costs (\$)	Capital (\$)	Other (\$)	Fuel Costs (\$)	Total Cost of Generation (\$)
HAMILTON	93,778	\$573,865	\$260,620	\$16,388	\$0	\$850,873
LAKE PLACID	98,859	\$322,914	\$143,589	\$8,683	\$0	\$475,186
TRENTON	128,701	\$529,013	\$231,719	\$17,550	\$0	\$778,282
COLUMBIA	84,127	\$584,846	\$246,615	\$17,645	\$0	\$849,106
DEBARY	43,515	\$481,111	\$202,998	\$14,286	\$0	\$698,395
SANTA FE	43,047	\$595,939	\$222,625	\$17,384	\$0	\$835,949
TWIN RIVERS	207,588	\$548,249	\$223,963	\$15,572	\$0	\$787,784
DUETTE	63,485	\$539,700	\$231,527	\$20,420	\$0	\$791,647
SANDY CREEK	137,053	\$533,665	\$210,008	\$16,083	\$0	\$759,756
CHARLIE CREEK	(171,315)	\$565,277	\$223,542	\$21,047	\$0	\$809,866
Total:	\$728,838	\$5,274,578	\$2,197,208	\$165,058	\$0	\$7,636,844

Notes: Charlie Creek - Lease Adjustment

INTERNAL

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

Facility	Net Capability (MW)	Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation (MWh)
HAMILTON	74.9	21,727	20.5%	0.3%	6,350,392
LAKE PLACID	45.0	12,220	19.2%	0.2%	
TRENTON	74.9	20,838	19.6%	0.3%	
COLUMBIA	74.9	18,279	17.2%	0.3%	
DEBARY	74.5	18,379	17.4%	0.3%	
SANTA FE	74.9	15,967	15.1%	0.3%	
TWIN RIVERS	74.9	17,260	16.3%	0.3%	
DUETTE	74.5	23,143	21.9%	0.4%	
SANDY CREEK	74.9	22,593	21.3%	0.4%	
CHARLIE CREEK	74.9	25,833	24.4%	0.4%	
Total:	718.3	196,239	19.3%	3.1%	

Facility	Natural Gas Displaced (MCF)	Cost of NG (\$/MCF)	Oil Displaced (Bbls)	Cost of Oil (\$/Bbl)	Coal Displaced (Tons)	Cost of Coal (\$/Ton)
HAMILTON	120,465	\$6.99	1,265	\$106.50	2,305	\$70.84
LAKE PLACID	70,730	\$6.78	687	\$107.16	1,213	\$73.27
TRENTON	115,297	\$7.00	1,215	\$106.47	2,217	\$70.74
COLUMBIA	99,664	\$7.07	1,078	\$106.26	1,986	\$70.01
DEBARY	100,830	\$7.04	1,079	\$106.35	1,980	\$70.31
SANTA FE	84,873	\$7.20	960	\$105.92	1,796	\$68.83
TWIN RIVERS	91,940	\$7.19	1,036	\$105.95	1,936	\$68.93
DUETTE	127,408	\$7.02	1,355	\$106.40	2,481	\$70.48
SANDY CREEK	128,180	\$6.88	1,292	\$106.84	2,316	\$72.09
CHARLIE CREEK	143,912	\$6.97	1,499	\$106.57	2,722	\$71.09
Total:	1,083,299	\$7,598,263	11,467	\$1,220,578	20,952	\$1,480,431

Facility	CO2 Reductions (Tons)	NOx Reduction (Tons)	SO2 Reduction (Tons)	Hg Reduction (lbs)
HAMILTON	12,577	5	2	0
LAKE PLACID	7,074	3	1	0
TRENTON	12,063	5	2	0
COLUMBIA	10,581	4	2	0
DEBARY	10,639	4	2	0
SANTA FE	9,243	4	2	0
TWIN RIVERS	9,991	4	2	0
DUETTE	13,397	5	3	0
SANDY CREEK	13,079	5	2	0
CHARLIE CREEK	14,954	6	3	0
Total:	113,599	46	22	2

Facility	O&M (\$)	Carrying Costs (\$)	Capital (\$)	Other (\$)	Fuel Costs (\$)	Total Cost of Generation (\$)
HAMILTON	215,831	\$1,149,462	\$521,212	\$32,776	\$0	\$1,703,450
LAKE PLACID	226,816	\$655,318	\$287,088	\$17,366	\$0	\$959,772
TRENTON	235,320	\$1,059,264	\$463,161	\$35,100	\$0	\$1,557,525
COLUMBIA	185,274	\$1,171,358	\$493,161	\$35,290	\$0	\$1,699,809
DEBARY	120,503	\$963,592	\$405,961	\$28,572	\$0	\$1,398,125
SANTA FE	81,407	\$1,193,457	\$445,228	\$34,768	\$0	\$1,673,453
TWIN RIVERS	297,015	\$1,098,071	\$447,907	\$31,144	\$0	\$1,577,122
DUETTE	110,214	\$1,081,058	\$463,035	\$40,840	\$0	\$1,584,933
SANDY CREEK	293,456	\$1,068,802	\$210,008	\$32,166	\$0	\$1,310,976
CHARLIE CREEK	199,932	\$1,132,162	\$447,065	\$42,094	\$0	\$1,621,321
Total:	\$1,965,768.00	\$10,572,545	\$4,183,826	\$330,116	\$0	\$15,086,487

Notes: