



Stephanie A. Cuello
SENIOR COUNSEL

July 31 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 June 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 31st day of July, 2026.

/s/ Stephanie A. Cuello

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Duke Energy Florida, LLC
 Actual Data for Solar Generation Facilities
 Solar Base Rate Adjustment (SoBRA) Reporting
June, 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)	
	Hour of Day	System Firm Demand (MW)	Hamilton	Lake Placid	Trenton	Columbia	Debary	Santa Fe	Twin Rivers	Duette	Sandy Creek	Charlie Creek
1	1	5,314.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2	4,854.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	3	4,521.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	4	4,305.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	5	4,214.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	6	4,256.3	0.5	0.2	0.4	0.5	0.2	0.2	0.2	0.2	0.0	0.4
7	7	4,399.3	16.1	7.1	13.5	15.6	4.4	12.7	14.5	15.4	9.0	16.8
8	8	4,602.4	43.9	18.9	38.7	41.2	15.3	34.2	39.4	42.2	33.9	43.5
9	9	5,018.8	54.4	26.1	52.4	52.9	30.3	41.8	50.2	52.5	42.9	53.2
10	10	5,524.4	59.5	27.8	56.0	54.8	40.3	43.9	55.7	58.0	51.9	56.5
11	11	6,110.5	60.3	29.2	60.3	57.2	46.5	47.0	58.4	58.5	52.9	57.1
12	12	6,676.6	60.5	30.3	59.4	59.2	50.5	46.9	56.8	57.1	56.1	55.3
13	13	7,226.8	59.3	30.1	55.4	59.4	52.6	46.9	54.1	53.7	57.5	55.6
14	14	7,737.2	55.1	28.6	50.8	54.0	46.2	42.9	50.1	52.5	55.3	52.9
15	15	8,018.6	50.1	26.5	49.4	45.4	38.6	36.7	47.1	46.6	50.3	47.9
16	16	8,200.3	43.2	20.8	45.7	43.3	30.2	34.9	40.6	39.5	47.6	38.7
17	17	8,302.6	40.0	14.8	36.0	32.7	20.2	30.1	37.3	32.4	41.7	30.1
18	18	8,307.9	29.2	8.4	27.3	23.1	10.9	19.9	27.4	24.1	34.3	17.4
19	19	8,127.9	11.7	2.3	11.2	10.5	3.3	9.0	11.3	8.8	16.9	5.8
20	20	7,769.5	0.9	0.0	0.7	0.4	0.1	0.4	0.7	0.4	1.2	0.2
21	21	7,367.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	22	6,954.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	23	6,338.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	24	5,756.6	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:
June, 2026

	Facility	Net Capability (MW)	Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation (MWh)
1	HAMILTON	74.9	17,537	32.5%	0.4%	4,414,522
1	LAKE PLACID	45.0	8,135	25.1%	0.2%	
1	TRENTON	74.9	16,716	31.0%	0.4%	
1	COLUMBIA	74.9	16,508	30.6%	0.4%	
1	DEBARY	74.5	11,683	21.8%	0.3%	
1	SANTA FE	74.9	13,429	24.9%	0.3%	
1	TWIN RIVERS	74.9	16,311	30.2%	0.4%	
1	DUETTE	74.5	16,257	30.3%	0.4%	
1	SANDY CREEK	74.9	16,549	30.7%	0.4%	
1	CHARLIE CREEK	74.9	15,944	29.6%	0.4%	
2	Total:	718.3	149,069.0	28.8%	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)
3	HAMILTON	140,669	\$4.26	1,223	\$150.32	602	\$85.85
3	LAKE PLACID	65,261	\$4.26	568	\$150.32	279	\$85.85
3	TRENTON	134,083	\$4.26	1,166	\$150.32	574	\$85.85
3	COLUMBIA	132,415	\$4.26	1,152	\$150.32	566	\$85.85
3	DEBARY	93,712	\$4.26	815	\$150.32	401	\$85.85
3	SANTA FE	107,717	\$4.26	937	\$150.32	461	\$85.85
3	TWIN RIVERS	130,835	\$4.26	1,138	\$150.32	560	\$85.85
3	DUETTE	130,401	\$4.26	1,134	\$150.32	558	\$85.85
3	SANDY CREEK	132,744	\$4.26	1,154	\$150.32	568	\$85.85
3	CHARLIE CREEK	127,891	\$4.26	1,112	\$150.32	547	\$85.85
4	Total:	1,195,728	\$5,096,276	10,399	\$1,563,196	5,114	\$439,049

	Facility	CO2 Reductions (Tons)	NOx Reduction (Tons)	SO2 Reduction (Tons)	Hg Reduction (lbs)
5	HAMILTON	10,326	6	1	0
5	LAKE PLACID	4,791	3	1	0
5	TRENTON	9,843	6	1	0
5	COLUMBIA	9,720	6	1	0
5	DEBARY	6,879	4	1	0
5	SANTA FE	7,907	5	1	0
5	TWIN RIVERS	9,604	6	1	0
5	DUETTE	9,572	6	1	0
5	SANDY CREEK	9,744	6	1	0
5	CHARLIE CREEK	9,388	6	1	0
6	Total:	87,774	54	10	0

	Facility	O&M (\$)	Carrying Costs (\$)	Capital (\$)	Other (\$)	Fuel Costs (\$)	Total Cost of Generation (\$)
7	HAMILTON	122,001	\$566,446	\$260,583	\$16,388	\$0	\$843,417
7	LAKE PLACID	247,863	\$310,259	\$137,679	\$8,683	\$0	\$456,620
7	TRENTON	120,110	\$520,982	\$231,311	\$17,550	\$0	\$769,843
7	COLUMBIA	84,219	\$577,701	\$246,650	\$17,645	\$0	\$841,997
7	DEBARY	53,675	\$475,277	\$203,050	\$14,286	\$0	\$692,613
7	SANTA FE	76,423	\$589,379	\$222,649	\$17,384	\$0	\$829,412
7	TWIN RIVERS	90,388	\$541,811	\$224,006	\$15,572	\$0	\$781,389
7	DUETTE	110,287	\$532,841	\$231,551	\$20,420	\$0	\$784,812
7	SANDY CREEK	(363,271)	\$527,611	\$210,058	\$16,083	\$0	\$753,752
7	CHARLIE CREEK	118,882	\$558,654	\$223,567	\$21,047	\$0	\$803,268
8	Total:	\$660,577	\$5,200,962	\$2,191,104	\$165,058	\$0	\$7,557,124

Notes:

Sandy Creek Lease Adjustment

INTERNAL

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

	Facility	Net Capability (MW)	Net Generation (MWh)	Capacity Factor (%)	Percent of Total Generation (%)	Total System Net Generation (MWh)
1	HAMILTON	74.9	85,383	26.2%	0.4%	21,596,765
1	LAKE PLACID	45.0	48,639	24.9%	0.2%	
1	TRENTON	74.9	81,629	25.1%	0.4%	
1	COLUMBIA	74.9	79,778	24.5%	0.4%	
1	DEBARY	74.5	67,196	20.8%	0.3%	
1	SANTA FE	74.9	59,605	18.3%	0.3%	
1	TWIN RIVERS	74.9	77,132	23.7%	0.4%	
1	DUETTE	74.5	88,262	27.3%	0.4%	
1	SANDY CREEK	74.9	87,788	27.0%	0.4%	
1	CHARLIE CREEK	74.9	92,923	28.6%	0.4%	
2	Total:	718.3	768,335	24.6%	3.6%	

	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	624,342	\$4.19	3,093	\$136.35	4,873	\$79.95
3	LAKE PLACID	358,943	\$4.11	1,620	\$136.61	2,707	\$81.95
3	TRENTON	596,366	\$4.18	2,991	\$136.66	4,757	\$79.82
3	COLUMBIA	586,442	\$4.11	2,827	\$137.81	4,501	\$80.16
3	DEBARY	487,355	\$4.21	2,360	\$134.21	3,941	\$79.76
3	SANTA FE	431,531	\$4.25	2,228	\$134.18	3,457	\$79.82
3	TWIN RIVERS	566,263	\$4.11	2,719	\$137.47	4,321	\$80.10
3	DUETTE	643,297	\$4.18	3,096	\$135.07	5,094	\$80.33
3	SANDY CREEK	644,658	\$4.16	3,047	\$135.89	4,915	\$81.34
3	CHARLIE CREEK	675,218	\$4.22	3,250	\$134.13	5,421	\$80.28
4	Total:	5,614,414	\$23,434,927	27,231	\$3,699,010	43,987	\$3,534,421

	Facility	CO2 Reductions (Tons)	NOx Reduction (Tons)	SO2 Reduction (Tons)	Hg Reduction (lbs)
5	HAMILTON	49,224	23	6	0
5	LAKE PLACID	28,035	13	3	0
5	TRENTON	47,243	22	6	0
5	COLUMBIA	46,045	21	5	0
5	DEBARY	38,677	18	5	0
5	SANTA FE	34,244	16	4	0
5	TWIN RIVERS	44,405	20	5	0
5	DUETTE	50,824	23	6	0
5	SANDY CREEK	50,522	23	6	0
5	CHARLIE CREEK	53,496	24	6	0
6	Total:	442,714	203	52	4

	Facility	O&M (\$)	Carrying Costs (\$)	Capital (\$)	Other (\$)	Fuel Costs (\$)	Total Cost of Generation (\$)
7	HAMILTON	635,266	\$3,426,575	\$1,563,543	\$81,940	\$0	\$5,072,058
7	LAKE PLACID	760,210	\$1,902,332	\$837,811	\$43,415	\$0	\$2,783,558
7	TRENTON	893,875	\$3,153,932	\$1,388,831	\$87,750	\$0	\$4,630,513
7	COLUMBIA	558,220	\$3,492,964	\$1,479,750	\$88,225	\$0	\$5,060,939
7	DEBARY	343,018	\$2,873,610	\$1,218,159	\$71,430	\$0	\$4,163,199
7	SANTA FE	347,344	\$3,560,865	\$1,335,824	\$86,920	\$0	\$4,983,609
7	TWIN RIVERS	681,871	\$3,275,020	\$1,343,901	\$77,860	\$0	\$4,696,781
7	DUETTE	440,715	\$3,222,763	\$1,389,239	\$102,100	\$0	\$4,714,102
7	SANDY CREEK	841,173	\$3,188,237	\$1,260,275	\$80,415	\$0	\$4,528,927
7	CHARLIE CREEK	642,669	\$3,376,713	\$1,341,333	\$105,235	\$0	\$4,823,280
8		\$6,144,361.00	\$31,473,011	\$13,158,665	\$825,290	\$0	\$45,456,967

Notes: