



Dianne M. Triplett
DEPUTY GENERAL COUNSEL

October 17, 2022

VIA ELECTRONIC FILING

Elisabeth Draper
Chief of Economic Impact & Rate Design
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Duke Energy Florida, LLC's Submission for Administrative Approval for Third Solar Base Rate Adjustment per Order No. PSC-2017-0451-AS-EU; Undocketed*

Dear Ms. Draper:

Duke Energy Florida is submitting for administrative review and approval the supporting calculations for the Duette Solar Power Plant Base Rate Adjustment True-up, consistent with paragraph 15(g) of the 2017 Second RRSSA, Order No. PSC-2017-0451-AS-EU. Pursuant to that paragraph, to the extent the actual costs for a solar project are less than the approved projected costs, DEF shall adjust base rates on a going-forward basis to reflect the revised base rate adjustment.

Enclosed you will find Attachment A, the supporting calculations of the Duette true-up and uniform percentage decrease impacting base rates effective January 2023. DEF is preparing tariff sheets to reflect the decrease of the Duette true-up, along with other base rate changes that will be effective with the first billing cycle of January 2023.

Please notify me at your convenience of the results of the Staff's review of the Duette true-up calculations. Feel free to contact me if you have any questions or need additional information. Thank you for your time and attention to this matter.

Respectfully submitted,

s/Dianne M. Triplett

Dianne M. Triplett
Deputy General Counsel

DMT/vr

Enclosure

Duke Energy Florida, LLC
 Duette - SoBRA True-Up Annualized Revenue Requirement
 (\$000)

Description	Reference	True-Up Duette Project	Original Filing Duette Project	Revenue Requirement Variance
1 Jurisdictional Adjusted Rate Base		\$ 94,448	\$ 103,467	\$ (9,019)
2 Rate of Return on Rate Base		6.460%	6.460%	6.460%
3 Net Operating Income Required	Line 1 x Line 2	6,101	6,684	(583)
4 Net Operating Income Achieved		(3,022)	(3,284)	262
5 Net Operating Income Deficiency/(Excess)	Line 3 - Line 4	9,123	9,968	(845)
6 Net Operating Income Multiplier		1.344	1.344	1.344
7 Revenue Requirement	Line 5 x Line 6	\$ 12,264	\$ 13,400	\$ (1,136)

TRUE-UP FILING

Net Plant (13 month average):	Total Company	Duette FPSC Jurisd.	Jurisd. Factor
1 Solar Production Plant	\$ 98,181	\$ 95,142	96.905%
2 Accumulated Reserve - Solar Production Plant	(1,636)	(1,586)	96.905%
3 Transmission GSU	929	900	96.905%
4 Accumulated Reserve - Transmission GSU	(8)	(8)	96.905%
5 Net Plant	\$ 97,465	\$ 94,448	
Operating Expenses:	Total Company	FPSC Jurisd.	
6 O&M	\$ 625	\$ 606	96.905%
7 Depreciation Expense - Solar Production Plant	3,273	3,171	96.905%
8 Depreciation Expense - Transmission GSU	17	16	96.905%
9 Dismantlement	253	245	96.905%
10 Property Insurance	132	128	96.905%
11 Property Tax	370	359	96.905%
12 Total Operating Expenses	\$ 4,670	\$ 4,526	
13 Jurisdictional Interest Expense		\$ 1,625	
		FPSC Jurisd.	
14 Operating Expenses		\$ (4,526)	
15 Income Tax - Operating Expenses (Line 12 x tax rate)		\$ 1,092	
16a Income Tax - Current Interest Expense (Line 13 x tax rate)		89	
16b Income Tax - Deferred Interest Expense (Line 13 x tax rate)		322	
17 Total Income Tax		\$ 1,504	
18 Jurisdictional Net Operating Income (Line 14 + Line 17)		(3,022)	

ORIGINAL FILING (DOCKET NO. 20200245 - FILED NOVEMBER 18, 2020)

Net Plant (13 month average):	Total Company	Duette FPSC Jurisd.	Jurisd. Factor
1 Solar Production Plant	\$ 107,372	\$ 104,049	96.905%
2 Accumulated Reserve - Solar Production Plant	(1,790)	(1,734)	96.905%
3 Transmission GSU	1,200	1,163	96.905%
4 Accumulated Reserve - Transmission GSU	(11)	(11)	96.905%
5 Net Plant	\$ 106,772	\$ 103,467	
Operating Expenses:	Total Company	FPSC Jurisd.	
6 O&M	\$ 625	\$ 606	96.905%
7 Depreciation Expense - Solar Production Plant	3,579	3,468	96.905%
8 Depreciation Expense - Transmission GSU	22	21	96.905%
9 Dismantlement	253	245	96.905%
10 Property Insurance	132	128	96.905%
11 Property Tax	370	359	96.905%
12 Total Operating Expenses	\$ 4,981	\$ 4,827	
13 Jurisdictional Interest Expense		\$ 1,780	
		FPSC Jurisd.	
14 Operating Expenses		\$ (4,827)	
15 Income Tax - Operating Expenses (Line 12 x tax rate)		\$ 1,092	
16a Income Tax - Current Interest Expense (Line 13 x tax rate)		98	
16b Income Tax - Deferred Interest Expense (Line 13 x tax rate)		353	
17 Total Income Tax		\$ 1,543	
18 Jurisdictional Net Operating Income (Line 14 + Line 17)		(3,284)	

Duke Energy Florida, LLC
 Duette - SoBRA True-Up Uniform Percentage Increase Calculation

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Line No.	Rate Schedule	Billed Sales MWH	Billed Customer Charge (\$000)	Billed Energy Charge (\$000)	Billed Demand Charge (\$000)	Billed Base Revenue Total (\$000)	Unbilled Sales MWH	Energy and Demand \$/MWH	Unbilled Revenue (\$000)	Total Class Revenue (\$000)	Base Rate Decrease at Uniform Percent (\$000)	Total Class Revenue with Decrease (\$000)
						(3) + (4) + (5)		(4 + 5) / (1)	(7) * (8)	(6) + (9)	-0.043%	(10) + (11)
1	RS-1	21,187,001	\$ 265,595,081	\$ 1,525,211,082	\$ -	\$ 1,790,806,163	(114,244)	\$ 71.99	\$ (8,224)	\$ 1,790,797,939	\$ (761,539)	\$ 1,790,036,399
2	GS-1	1,165,933	\$ 11,225,243	\$ 84,109,682	\$ -	\$ 95,334,924	(2,684)	\$ 72.14	\$ (194)	\$ 95,334,731	\$ (40,541)	\$ 95,294,189
3	GS-2	207,230	\$ 2,875,765	\$ 5,758,909	\$ -	\$ 8,634,674	(35)	\$ 27.79	\$ (1)	\$ 8,634,673	\$ (3,672)	\$ 8,631,001
4	GSD-1	13,822,270	\$ 25,397,463	\$ 374,454,588	\$ 280,952,060	\$ 680,804,111	(14,028)	\$ 47.42	\$ (665)	\$ 680,803,446	\$ (289,513)	\$ 680,513,933
5	CS-1, CS-2, CS-3	61,189	\$ 12,126	\$ 935,338	\$ 1,497,442	\$ 2,444,906	(57)	\$ 39.76	\$ (2)	\$ 2,444,904	\$ (1,040)	\$ 2,443,864
6	IS-1, IS-2, IS-3	2,540,650	\$ 1,046,783	\$ 39,118,754	\$ 32,332,777	\$ 72,498,314	(1,247)	\$ 28.12	\$ (35)	\$ 72,498,279	\$ (30,830)	\$ 72,467,449
7	LS-1	330,646	\$ 1,323,448	\$ 9,549,044	\$ -	\$ 10,872,492	(323)	\$ 28.88	\$ (9)	\$ 10,872,483	\$ (4,624)	\$ 10,867,859
8	SS-1	70,181	\$ 28,394	\$ 934,814	\$ 2,179,762	\$ 3,142,970	(573)	\$ 44.38	\$ (25)	\$ 3,142,945	\$ (1,337)	\$ 3,141,608
9	SS-2	67,856	\$ 30,530	\$ 892,311	\$ 2,555,329	\$ 3,478,170	(16)	\$ 50.81	\$ (1)	\$ 3,478,169	\$ (1,479)	\$ 3,476,690
10	SS-3	81,829	\$ 3,901	\$ 1,080,956	\$ 2,054,441	\$ 3,139,298	(18)	\$ 38.32	\$ (1)	\$ 3,139,298	\$ (1,335)	\$ 3,137,963
11	TOTAL	39,534,784	\$ 307,538,734	\$ 2,042,045,477	\$ 321,571,812	\$ 2,671,156,023	(133,224)		\$ (9,158)	\$ 2,671,146,865	\$ (1,135,909)	\$ 2,670,010,956