



Stephanie A. Cuello
SENIOR COUNSEL

August 19, 2022

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Fuel and Purchased Power Clause with Generating Performance Incentive Factor*; Docket No. 20220001-EI

Dear Mr. Teitzman:

Please find attached for electronic filing, Duke Energy Florida, LLC's Schedules A1 through A9 and A12 for the reporting month of July, 2022.

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/ts
Attachment

CERTIFICATE OF SERVICE

Docket No. 20220001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 19th day of August, 2022.

s/ Stephanie A. Cuello

Stephanie A. Cuello

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JULY 2022

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	284,812,071	288,206,126	(3,394,055)	(1.2)	4,520,007	4,114,639	405,369	9.9	6.3011	7.0044	(0.7033)	(10.0)
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,062,230	1,041,389	20,841	2.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	285,874,300	289,247,515	(3,373,215)	(1.2)	4,520,007	4,114,639	405,369	9.9	6.3246	7.0297	(0.7051)	(10.0)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	38,026,823	16,143,527	21,883,296	135.6	373,195	140,885	232,311	164.9	10.1895	11.4587	(1.2692)	(11.1)
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	15,278,517	7,204,536	8,073,981	112.1	111,356	98,340	13,016	13.2	13.7205	7.3262	6.3943	87.3
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	13,018,458	17,485,281	(4,466,823)	(25.6)	209,976	229,705	(19,729)	(8.6)	6.2000	7.6121	(1.4121)	(18.6)
9 TOTAL COST OF PURCHASED POWER	66,323,799	40,833,344	25,490,454	62.4	694,527	468,929	225,598	48.1	9.5495	8.7078	0.8417	9.7
10 TOTAL AVAILABLE MWH					5,214,534	4,583,568	630,966	14				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(90,325)	0	(90,325)	(100.0)	(1,278)	0	(1,278)	(100.0)	7.0677	0.0000	7.0677	100.0
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	3,552	0	3,552	100.0	(1,278)	0	(1,278)	(100.0)	(0.2780)	0.0000	(0.2780)	(100.0)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	(710)	0	(710)	(100.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(54,083,268)	(27,756,760)	(26,326,508)	94.9	(647,174)	(391,237)	(255,937)	65.4	8.3568	7.0946	1.2622	17.8
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(54,170,751)	(27,756,760)	(26,413,991)	95.2	(648,452)	(391,237)	(257,215)	65.7	8.3539	7.0946	1.2593	17.8
14 NET INADVERTENT AND WHEELED INTERCHANGE					16,462	0	16,462					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	298,027,348	302,324,100	(4,296,752)	(1.4)	4,582,544	4,192,331	390,213	9.3	6.5035	7.2114	(0.7079)	(9.8)
16 NET UNBILLED	(5,772,724)	(7,612,994)	1,840,270	(24.2)	88,763	105,569	(16,807)	(15.9)	(0.1362)	(0.1873)	0.0511	(27.3)
17 COMPANY USE	498,003	965,519	(467,516)	(48.4)	(7,657)	(13,389)	5,731	(42.8)	0.0118	0.0238	(0.0120)	(50.4)
18 T & D LOSSES	27,717,017	15,809,307	11,907,710	75.3	(426,184)	(219,228)	(206,956)	94.4	0.6541	0.3889	0.2652	68.2
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	298,027,348	302,324,100	(4,296,752)	(1.4)	4,237,466	4,065,284	172,182	4.2	7.0332	7.4367	(0.4035)	(5.4)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(7,322,709)	(2,222,540)	(5,100,169)	229.5	(104,117)	(29,886)	(74,231)	248.4	7.0332	7.4367	(0.4035)	(5.4)
21 JURISDICTIONAL KWH SALES	290,704,639	300,101,559	(9,396,920)	(3.1)	4,133,348	4,035,398	97,951	2.4	7.0332	7.4367	(0.4035)	(5.4)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	290,815,107	300,215,598	(9,400,491)	(3.1)	4,133,348	4,035,398	97,951	2.4	7.0358	7.4396	(0.4038)	(5.4)
23 PRIOR PERIOD TRUE-UP	36,470,185	36,470,185	0	0.0	4,133,348	4,035,398	97,951	2.4	0.8823	0.9038	(0.0215)	(2.4)
24 TOTAL JURISDICTIONAL FUEL COST	327,285,292	336,685,783	(9,400,491)	(2.8)	4,133,348	4,035,398	97,951	2.4	7.9181	8.3434	(0.4253)	(5.1)
25 GPIF	221,440	221,440	(0)	0.0	4,133,348	4,035,398	97,951	2.4	0.0054	0.0055	(0.0001)	(1.8)
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	4,133,348	4,035,398	97,951	2.4	0.0000	0.0000	0.0000	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									7.924	8.349	(0.425)	(5.1)

*Line 11a, MWH Data for Informational Purposes Only
*Line 16 and 18, \$ Data for Informational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - JULY 2022

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	1,375,401,990	1,378,796,045	(3,394,055)	(0.3)	24,588,150	24,182,783	405,367	1.7	5.5938	5.7016	(0.1078)	(1.9)
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	8,048,046	8,027,206	20,841	0.3	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	1,383,450,036	1,386,823,251	(3,373,215)	(0.2)	24,588,150	24,182,783	405,367	1.7	5.6265	5.7348	(0.1083)	(1.9)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	133,575,091	111,691,795	21,883,296	19.6	1,288,382	1,056,072	232,311	22.0	10.3677	10.5762	(0.2085)	(2.0)
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	52,670,923	44,596,941	8,073,981	18.1	495,103	482,087	13,016	2.7	10.6384	9.2508	1.3876	15.0
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	74,021,084	78,487,907	(4,466,823)	(5.7)	1,393,789	1,413,518	(19,729)	(1.4)	5.3108	5.5527	(0.2419)	(4.4)
9 TOTAL COST OF PURCHASED POWER	260,267,098	234,776,643	25,490,454	10.9	3,177,275	2,951,677	225,598	7.6	8.1915	7.9540	0.2375	3.0
10 TOTAL AVAILABLE MWH					27,765,424	27,134,460	630,965	2.3				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(10,837,223)	(10,746,898)	(90,325)	0.8	(269,702)	(268,609)	(1,093)	0.4	4.0182	4.0009	0.0173	0.4
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,530,450)	(2,534,003)	3,552	(0.1)	(269,702)	(268,609)	(1,093)	0.4	0.9382	0.9434	(0.0052)	(0.6)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	124,208	124,918	(710)	(0.6)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(144,859,818)	(118,533,310)	(26,326,508)	22.2	(2,408,086)	(2,152,149)	(255,937)	11.9	6.0156	5.5077	0.5079	9.2
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(158,103,284)	(131,689,293)	(26,413,991)	20.1	(2,677,788)	(2,420,758)	(257,030)	10.6	5.9042	5.4400	0.4642	8.5
14 NET INADVERTENT AND WHEELED INTERCHANGE					120,610	104,148	16,462					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	1,485,613,849	1,489,910,601	(4,296,752)	(0.3)	25,208,246	24,817,850	390,396	1.6	5.8934	6.0034	(0.1100)	(1.8)
16 NET UNBILLED	61,286,347	59,437,536	1,848,811	3.1	(1,127,725)	(1,110,734)	(16,991)	1.5	0.2636	0.2575	0.0061	2.4
17 COMPANY USE	4,019,681	4,487,228	(467,547)	(10.4)	(72,327)	(78,058)	5,731	(7.3)	0.0173	0.0194	(0.0021)	(10.8)
18 T & D LOSSES	49,600,735	37,693,300	11,907,435	31.6	(757,942)	(550,986)	(206,956)	37.6	0.2133	0.1633	0.0500	30.6
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,485,613,849	1,489,910,601	(4,296,752)	(0.3)	23,250,252	23,078,071	172,181	0.8	6.3897	6.4560	(0.0663)	(1.0)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(14,965,970)	(9,865,801)	(5,100,169)	51.7	(203,162)	(128,931)	(74,231)	57.6	7.3665	7.6520	(0.2855)	(3.7)
21 JURISDICTIONAL KWH SALES	1,470,647,880	1,480,044,800	(9,396,920)	(0.6)	23,047,090	22,949,140	97,950	0.4	6.3811	6.4492	(0.0681)	(1.1)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	1,471,177,606	1,480,578,097	(9,400,491)	(0.6)	23,047,090	22,949,140	97,950	0.4	6.3834	6.4516	(0.0682)	(1.1)
23 PRIOR PERIOD TRUE-UP	202,920,725	202,920,723	2	0.0	23,047,090	22,949,140	97,950	0.4	0.8805	0.8842	(0.0037)	(0.4)
24 TOTAL JURISDICTIONAL FUEL COST	1,674,098,331	1,683,498,820	(9,400,489)	(0.6)	23,047,090	22,949,140	97,950	0.4	7.2639	7.3358	(0.0719)	(1.0)
25 GPIF	1,550,079	1,550,080	(1)	0.0	23,047,090	22,949,140	97,950	0.4	0.0067	0.0068	(0.0001)	101.5
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	23,047,090	22,949,140	97,950	0.4	0.0000	0.0000	0.0000	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									7.271	7.343	(0.072)	(1.0)

*Line 11a. MWH Data for Informational Purposes Only
*Line 16 and 18. \$ Data for Informational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JULY 2022

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
A . FUEL COSTS AND NET POWER TRANSACTIONS								
1 . FUEL COST OF SYSTEM NET GENERATION	\$284,812,071	288,206,126	(\$3,394,055)	(1.2)	\$1,375,401,990	\$1,378,796,045	(\$3,394,055)	(0.3)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(90,325)	0	(90,325)	0.0	(10,837,223)	(10,746,898)	(90,325)	0.8
2a. GAIN ON POWER SALES	2,842	0	2,842	0.0	(2,406,242)	(2,409,084)	2,842	(0.1)
3 . FUEL COST OF PURCHASED POWER	38,026,823	16,143,527	21,883,296	135.6	133,575,091	111,691,795	21,883,296	19.6
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	13,018,458	17,485,281	(4,466,823)	(25.6)	74,021,084	78,487,907	(4,466,823)	(5.7)
4 . ENERGY COST OF ECONOMY PURCHASES	15,278,517	7,204,536	8,073,981	112.1	52,670,923	44,596,941	8,073,981	18.1
5 . TOTAL FUEL & NET POWER TRANSACTIONS	351,048,386	329,039,470	22,008,916	6.7	1,622,425,622	1,600,416,706	22,008,916	1.4
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(54,083,268)	(27,756,760)	(26,326,508)	94.9	(144,859,818)	(118,533,310)	(26,326,508)	22.2
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,062,230	1,041,389	20,841	2.0	8,048,046	8,027,206	20,841	0.3
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$298,027,348	\$302,324,100	(\$4,296,752)	(1.4)	\$1,485,613,849	\$1,489,910,601	(\$4,296,752)	(0.3)
FOOTNOTE - DETAIL OF LINE 6b ABOVE								
N/A - Not used	\$0	\$0	\$0		\$0	\$0	\$0	
N/A - Not used	0	0	0		0	0	0	
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	2,457	0	2,457		4,946	0	4,946	
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0		0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0		0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0		0	0	0	
FPD AGREEMENT TERMINATION	1,059,772	0	1,059,772		7,360,461	0	7,360,461	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0		0	0	0	
NET METER SETTLEMENT	0	0	0		682,639	0	682,639	
CR4 OUTAGE REPLACEMENT POWER	0	0	0		0	0	0	
Derivative Collateral Interest	0	0	0		0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,062,230	\$0	\$1,062,230		\$8,048,046	\$0	\$8,048,046	
B. KWH SALES								
1 . JURISDICTIONAL SALES	4,133,348,739	4,035,397,925	97,950,814	2.4	23,047,090,897	22,949,140,083	97,950,814	0.4
2 . NON JURISDICTIONAL (WHOLESALE) SALES	104,117,055	29,885,999	74,231,056	248.4	203,162,412	128,931,356	74,231,056	57.6
3 . TOTAL SALES	4,237,465,794	4,065,283,925	172,181,869	4.2	23,250,253,309	23,078,071,440	172,181,869	0.8
4 . JURISDICTIONAL SALES % OF TOTAL SALES	97.54	99.26	(1.72)	(1.7)	99.13	99.44	(0.31)	(0.3)

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JULY 2022

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$197,500,664	\$192,897,992	\$4,602,672	2.4	\$1,043,785,150	\$1,039,182,478	\$4,602,672	0.4
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(36,470,185)	(36,470,185)	(0)	0.0	(202,920,725)	(202,920,723)	(2)	0.0
2b. INCENTIVE PROVISION	(221,440)	(221,440)	0	0.0	(1,550,079)	(1,550,080)	1	0.0
2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	160,809,038	156,206,367	4,602,671	3.0	839,314,346	834,711,675	4,602,670	0.6
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	298,027,348	302,324,100	(4,296,752)	(1.4)	1,485,613,849	1,489,910,601	(4,296,752)	(0.3)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	97.54	99.26	(1.72)	(1.7)	99.13	99.44	(0.31)	(0.3)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00038 LOSS MULTIPLIER)	290,815,107	300,215,598	(9,400,491)	(3.1)	1,471,177,606	1,480,578,097	(9,400,491)	(0.6)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(130,006,069)	(144,009,231)	14,003,162	(9.7)	(631,863,260)	(645,866,421)	14,003,161	(2.2)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(1,377,755)	(964,070)	(413,685)	42.9	(3,068,906)	(2,655,223)	(413,683)	15.6
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(749,621,955)	(749,621,957)	2	0.0	(412,524,152)	(412,524,152)	0	0.0
10. TRUE UP COLLECTED (REFUNDED)	36,470,185	36,470,185	0	0.0	202,920,725	202,920,723	2	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(844,535,593)	(858,125,073)	13,589,480	(1.6)	(844,535,593)	(858,125,073)	13,589,480	(1.6)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$844,535,593)	(858,125,073)	13,589,480	(1.6)	(\$844,535,593)	(858,125,073)	13,589,480	(1.6)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$749,621,955)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(843,157,838)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(1,592,779,793)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(796,389,896)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.760	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	2.400	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	4.160	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	2.080	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.173	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$1,377,755)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 7/1/2022 to 7/1/2022

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	2,405,950	843,603	1,562,347	185.2 %
3 - COAL	23,151,957	9,286,476	13,865,481	149.3 %
4 - GAS	259,254,163	278,076,047	(18,821,884)	(6.8 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	284,812,071	288,206,126	(3,394,055)	(1.2 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	6,401	3,737	2,664	71.3 %
11 - COAL	444,445	187,681	256,764	136.8 %
12 - GAS	3,898,421	3,742,168	156,253	4.2 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	170,741	181,053	(10,312)	(5.7 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	4,520,007	4,114,639	405,368	9.9 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	20,118	7,005	13,113	187.2 %
19 - COAL (TON)	218,384	91,948	126,436	137.5 %
20 - GAS (MCF)	28,907,718	27,704,114	1,203,604	4.3 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	116,014	40,793	75,221	184.4 %
26 - COAL	4,987,017	2,125,685	2,861,332	134.6 %
27 - GAS	29,604,024	27,704,114	1,899,910	6.9 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	34,707,056	29,870,592	4,836,464	16.2 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.1	0.09	0.05	55.9 %
34 - COAL	9.8	4.56	5.27	115.6 %
35 - GAS	86.2	90.95	(4.70)	(5.2 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	3.8	4.40	(0.62)	(14.2 %)
38	0.0	0	0.00	0.0 %
39 - TOTAL (% MWH)	100.0	100.0	0.00	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %

A-3 Generating System Comparative Data Report

Report Period : 7/1/2022 to 7/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	119.59	120.43	(0.84)	(0.7 %)
42 - COAL (\$/TON)	106.01	101.00	5.02	5.0 %
43 - GAS (\$/MCF)	8.97	10.04	(1.07)	(10.7 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	20.74	20.68	0.06	0.3 %
49 - COAL	4.64	4.37	0.27	6.3 %
50 - GAS	8.76	10.04	(1.28)	(12.8 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	8.21	9.65	(1.44)	(14.9 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	18,126	10,916	7,210	66.0 %
57 - COAL	11,221	11,326	(105)	(0.9 %)
58 - GAS	7,594	7,403	191	2.6 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,679	7,260	419	5.8 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	37.59	22.57	15.02	66.5 %
65 - COAL	5.21	4.95	0.26	5.3 %
66 - GAS	6.65	7.43	(0.78)	(10.5 %)
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	6.30	7.00	(0.70)	(10.0 %)

A-3 Generating System Comparative Data Report

Report Period : 1/1/2022 to 7/1/2022

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	28,107,972	26,545,624	1,562,348	5.9 %
3 - COAL	106,618,695	92,753,213	13,865,482	14.9 %
4 - GAS	1,240,675,322	1,259,497,206	(18,821,884)	(1.5 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	1,375,401,990	1,378,796,043	(3,394,053)	(0.2 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	119,076	116,469	2,607	2.2 %
11 - COAL	2,627,032	2,370,268	256,764	10.8 %
12 - GAS	20,928,957	20,772,649	156,308	0.8 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	913,086	923,399	(10,313)	(1.1 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	24,588,150	24,182,785	405,365	1.7 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	222,724	209,622	13,102	6.3 %
19 - COAL (TON)	1,253,871	1,127,432	126,439	11.2 %
20 - GAS (MCF)	155,260,676	154,057,072	1,203,604	0.8 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	1,271,848	1,196,794	75,054	6.3 %
26 - COAL	28,352,766	25,491,433	2,861,333	11.2 %
27 - GAS	158,732,557	156,832,647	1,899,910	1.2 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	188,357,171	183,520,874	4,836,297	2.6 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.5	0.48	0.00	0.6 %
34 - COAL	10.7	9.80	0.88	9.0 %
35 - GAS	85.1	85.90	(0.78)	(0.9 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	3.7	3.82	(0.10)	(2.7 %)
38	0.0	0	0.00	0.0 %
39 - TOTAL (% MWH)	100.0	100.0	0.00	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2022 to 7/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	126.20	126.64	(0.43)	(0.3 %)
42 - COAL (\$/TON)	85.03	82.27	2.76	3.4 %
43 - GAS (\$/MCF)	7.99	8.18	(0.18)	(2.3 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	22.10	22.18	(0.08)	(0.4 %)
49 - COAL	3.76	3.64	0.12	3.3 %
50 - GAS	7.82	8.03	(0.21)	(2.7 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	7.30	7.51	(0.21)	(2.8 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	10,681	10,276	405	3.9 %
57 - COAL	10,793	10,755	38	0.4 %
58 - GAS	7,584	7,550	34	0.5 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,660	7,589	72	0.9 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	23.61	22.79	0.81	3.6 %
65 - COAL	4.06	3.91	0.15	3.7 %
66 - GAS	5.93	6.06	(0.14)	(2.2 %)
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	5.59	5.70	(0.11)	(1.9 %)

A-4 System Net Generation and Fuel Cost Report

Report Period : 7/1/2022 to 7/1/2022

Duke Energy Florida, LLC

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Bay Trail Solar													
TOTAL UNIT 1	58	12,190.00	28			0				0	0	0.000	
Charlie Creek Solar													
TOTAL UNIT 1	74	3,996.00	16			0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	17,560.00	31			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	13,841.00	25			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	17,452.00	32			0				0	0	0.000	
Fort Green Solar													
TOTAL UNIT 1	74	17,248.00	31			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	17,839.00	32			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	7,999.00	24			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	607.00	20			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	521.00	14			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1	74	16,140.00	29			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	14,868.00	27			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,243.00	19			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	13,227.00	24			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	15,945.00	29			0				0	0	0.000	
St. Pete Pier													
TOTAL Unit 1	0.35	64.60	25			0				0	0	0.000	
TOTAL Solar	866	170,740.60				0				0	0	0.000	
Steam													
Anclote													
		117,797.00					Gas	1,497,707	1.022	1,530,680	13,206,389	11.211	8.818
TOTAL UNIT 1	521	117,797.00	30			12,994				1,530,680	13,206,389	11.211	
		35,917.00					Gas	403,878	1.022	412,788	3,561,448	9.916	8.818
TOTAL UNIT 2	514	35,917.00	9			11,493				412,788	3,561,448	9.916	
Crystal River 4 & 5													
		256,607.00					Coal	127,252	22.836	2,905,927	13,490,608	5.257	106.015
		0.00					No 2	1,280	5.750	7,359	221,639	0.000	173.156
TOTAL UNIT 4	721	256,607.00	48			11,353				2,913,286	13,712,247	5.344	
		187,838.00					Coal	91,132	22.836	2,081,090	9,661,350	5.143	106.015
		0.00					No 2	2,039	5.751	11,726	353,064	0.000	173.156
TOTAL UNIT 5	721	187,838.00	35			11,142				2,092,816	10,014,414	5.331	
TOTAL Steam	2,477	598,159.00				11,618				6,949,570	40,494,497	6.770	

A-4 System Net Generation and Fuel Cost Report

Report Period : 7/1/2022 to 7/1/2022

Duke Energy Florida, LLC

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Gas Turbine													
Bartow Combined Cycle													
		1.58					No 2	2	5,848	12	271	17.152	135.610
		740,473.42					Gas	5,343,826	1.025	5,476,874	47,569,193	6.424	8.903
TOTAL BCC	1,259	740,475.00	79			7,396				5,476,886	47,569,465	6.424	
Bartow Peaker													
		1,147.44					No 2	3,280	5,712	18,737	392,452	34.202	119.650
		3,152.56					Gas	50,324	1.023	51,479	444,262	14.092	8.829
TOTAL BAP	223	4,300.00	3			16,329				70,215	836,714	19.458	
Bayboro Peaker													
		24.70					No 2	82	5,709	468	9,860	39.920	120.247
TOTAL BYP	56	25.00	0			18,952				468	9,860	39.920	
Citrus County													
		1,124,130.00					Gas	7,478,660	1.024	7,658,148	70,484,382	6.270	9.425
TOTAL CCCC	1,854	1,124,130.00	81			6,813				7,658,148	70,484,382	6.270	
Debary Peaker													
		2,369.21					No 2	6,502	5,766	37,491	748,220	96.796	115.075
		13,311.79					Gas	199,558	1.023	210,773	1,819,759	13.662	8.832
TOTAL DEP	611	15,681.00	3			15,824				248,264	2,567,978	26.216	
Hines Energy													
		1,281,654.00					Gas	9,190,082	1.024	9,405,271	80,186,596	6.256	8.730
TOTAL HEP	2,169	1,281,654.00	79			7,338				9,405,271	80,186,596	6.256	
Intercession City Peaker													
		2,857.89					No 2	6,933	5,802	40,222	680,444	23.809	98.146
		56,181.11					Gas	770,819	1.024	790,695	6,868,990	12.227	8.896
TOTAL ICP	1,072	59,039.00	7			14,074				830,917	7,549,434	12.787	
Osprey													
		341,669.00					Gas	2,439,606	1.025	2,497,299	21,690,120	6.348	8.903
TOTAL OSP	611	341,669.00	75			7,309				2,497,299	21,690,120	6.348	
Suwannee Peaker													
		12,369.10					Gas	174,836	1.022	178,683	1,543,117	12.476	8.826
TOTAL SRP	203	12,369.00	8			14,446				178,683	1,543,117	12.476	
Tiger Bay Cogen													
		138,335.00					Gas	1,042,862	1.025	1,068,519	9,283,376	6.711	8.905
TOTAL TBP	230	138,335.00	81			7,724				1,068,519	9,283,376	6.711	
Univ of Florida Cogen													
		33,430.70					Gas	315,559	1.023	322,818	2,596,532	7.767	8.228
TOTAL UFP	50	33,431.00	90			9,656				322,818	2,596,532	7.767	
TOTAL Gas Turbine	8,338	3,751,108.00				7,400				27,757,486	244,317,574	6.554	0.000
SYSTEM TOTAL	11,681	4,520,007.10				7,685				34,707,056	284,812,071	6.341	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 7/1/2022

Duke Energy Florida, LLC

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Bay Trail Solar													
TOTAL UNIT 1	58	22,740.00	26			0				0	0	0.000	
Charlie Creek Solar													
TOTAL UNIT 1	74	3,996.00	16			0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	114,540.00	30			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	89,479.00	24			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	109,198.00	29			0				0	0	0.000	
Fort Green Solar													
TOTAL UNIT 1	74	34,502.00	27			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	104,081.00	27			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	53,977.00	24			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	3,748.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	4,706.00	19			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1	74	46,481.00	28			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	104,306.00	27			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	10,521.00	23			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	103,017.00	27			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	107,387.00	28			0				0	0	0.000	
St. Pete Pier													
TOTAL Unit 1	0.35	406.63	23			0				0	0	0.000	
TOTAL Solar													
	866	913,085.63				0				0	0	0.000	
Steam													
Anclote													
		711,017.00					Gas	7,917,234	1.021	8,086,452	62,860,081	8.841	7.940
TOTAL UNIT 1	521	711,017.00	27			11,373				8,086,452	62,860,081	8.841	
		401,932.00					Gas	4,643,875	1.022	4,743,752	34,231,149	8.517	7.371
TOTAL UNIT 2	514	401,932.00	15			11,802				4,743,752	34,231,149	8.517	
Crystal River 4 & 5													
		1,094,695.00					Coal	533,307	22.612	12,059,364	45,819,776	4.186	85.916
		0.00					No 2	13,600	5.737	78,023	2,068,130	0.000	152.068
TOTAL UNIT 4	721	1,094,695.00	30			11,087				12,137,387	47,887,906	4.375	
		1,532,337.00					Coal	720,564	22.612	16,293,402	60,798,919	3.968	84.377
		0.00					No 2	14,384	5.739	82,550	2,134,199	0.000	148.373
TOTAL UNIT 5	721	1,532,337.00	42			10,687				16,375,952	62,933,117	4.107	
TOTAL Steam	2,477	3,739,981.00				11,054				41,343,543	207,912,254	5.559	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 7/1/2022

Duke Energy Florida, LLC

A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC	EQUIV AVAIL FAC(%)	NET OUTPUT FAC(%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Bartow Combined Cycle													
		92,486.06					No 2	122,181	5.712	697,902	16,097,204	17.455	132.129
		3,791,523.94					Gas	28,053,745	1.020	28,610,909	224,427,328	5.919	8.000
TOTAL BCC	1,259	3,884,010.00	61			7,546				29,308,810	240,524,532	6.194	
Bartow Peaker													
		2,747.46					No 2	7,434	5.713	42,471	889,563	32.378	119.661
		11,429.54					Gas	172,870	1.022	176,683	1,460,977	12.782	8.451
TOTAL BAP	223	14,177.00	1			15,458				219,154	2,350,540	16.580	
Bayboro Peaker													
		1,106.80					No 2	2,832	5.712	16,176	333,398	30.123	117.725
TOTAL BYP	229	1,107.00	0			14,615				16,176	333,398	30.123	
Citrus County													
		6,689,453.00					Gas	44,547,550	1.025	45,676,016	373,660,941	5.586	8.388
TOTAL CCCC	1,854	6,689,453.00	71			6,828				45,676,016	373,660,941	5.586	
Debarry Peaker													
		8,908.93					No 2	28,290	5.767	163,158	3,253,985	36.525	115.021
		65,260.07					Gas	887,650	1.022	914,113	7,650,042	11.721	8.556
TOTAL DEP	707	74,169.00	2			14,006				1,077,271	10,904,027	14.700	
Hines Energy													
		6,982,671.00					Gas	50,171,724	1.021	51,226,888	381,098,392	5.458	7.597
TOTAL HEP	2,169	6,982,671.00	63			7,336				51,226,888	381,098,392	5.458	
Intercession City Peaker													
		13,365.64					No 2	32,940	5.628	185,381	3,233,731	24.194	98.170
		221,425.60					Gas	2,996,487	1.024	3,071,163	25,693,530	11.604	8.571
TOTAL ICP	1,135	234,791.00	4			13,870				3,256,543	28,927,261	12.320	
Osprey													
		986,215.00					Gas	7,133,967	1.024	7,304,533	62,246,465	6.276	8.729
TOTAL OSP	611	986,215.00	32			7,365				7,304,533	62,246,465	6.276	
Suwannee Peaker													
		461.02					No 2	1,063	5.820	6,186	97,762	21.206	91.968
		39,016.78					Gas	512,798	1.022	523,845	4,634,676	11.872	9.038
TOTAL SRP	204	39,477.80	4			13,419				530,031	4,732,438	11.981	
Tiger Bay Cogen													
		804,535.00					Gas	6,052,847	1.021	6,179,139	46,933,040	5.834	7.754
TOTAL TBP	230	804,535.00	69			7,680				6,179,139	46,933,040	5.834	
Univ of Florida Cogen													
		224,477.50					Gas	2,169,928	1.023	2,219,065	15,778,701	7.029	7.272
TOTAL UFP	50	224,478.00	88			9,885				2,219,065	15,778,701	7.029	
TOTAL Gas Turbine	8,671	19,935,083.80				7,371				147,013,627	1,167,489,735	5.855	0.000
SYSTEM TOTAL	12,014	24,588,149.97				7,660				188,357,170	1,375,401,989	5.594	

A-5 System Generation Fuel Cost Report

Report Period : 7/1/2022 to 7/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.00%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00%
4 - AMOUNT (\$)	0	0	0	0.00%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.00%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00%
8 - AMOUNT (\$)	0	0	0	0.00%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0		0	0.00%
11 - AMOUNT (\$)	0		0	0.00%
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.00%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00%
15 - AMOUNT (\$)	0	0	0	0.00%
16 -				
17 - DAYS SUPPLY	0	0	0	0.00%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	14,109	7,005	7,104	101.4%
20 - UNIT COST (\$/BBL)	171.67	120.43	51.24	42.5%
21 - AMOUNT (\$)	2,422,102	843,603	1,578,499	187.1%
22 - BURNED				
23 - UNITS (BBL)	20,118	7,005	13,113	187.2%
24 - UNIT COST (\$/BBL)	119.59	120.43	(0.84)	(0.7%)
25 - AMOUNT (\$)	2,405,950	843,603	1,562,347	185.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	419,506	432,176	(12,670)	(2.9%)
31 - UNIT COST (\$/BBL)	113.63	112.03	1.59	1.4%
32 - AMOUNT (\$)	47,666,573	48,417,459	(750,886)	(1.6%)
33 -				
34 - DAYS SUPPLY	388	1,851	(1,463)	(79.1%)

A-5 System Generation Fuel Cost Report

Report Period : 7/1/2022 to 7/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	267,439	91,948	175,491	190.9%
37 - UNIT COST (\$/TON)	150.02	101.00	49.02	48.5%
38 - AMOUNT (\$)	40,120,585	9,286,476	30,834,109	332.0%
39 - BURNED				
40 - UNITS (TON)	218,384	91,948	126,436	137.5%
41 - UNIT COST (\$/TON)	106.01	101.00	5.02	5.0%
42 - AMOUNT (\$)	23,151,957	9,286,476	13,865,481	149.3%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	439,374	390,319	49,055	12.6%
48 - UNIT COST (\$/TON)	106.01	75.87	30.15	39.7%
49 - AMOUNT (\$)	46,580,198	29,611,570	16,968,628	57.3%
50 -				
51 - DAYS SUPPLY	62	127	(65)	(51.0%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	28,907,718	27,704,114	1,203,604	4.3%
54 - UNIT COST (\$/MCF)	8.97	10.04	(1.07)	(10.7%)
55 - AMOUNT (\$)	259,254,163	278,076,047	(18,821,884)	(6.8%)
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2022 to 7/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
4 - AMOUNT (\$)	0	0	0	0.0%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	182,894	175,790	7,104	4.0%
20 - UNIT COST (\$/BBL)	143.69	140.52	3.17	2.3%
21 - AMOUNT (\$)	26,280,785	24,702,287	1,578,498	6.4%
22 - BURNED				
23 - UNITS (BBL)	222,724	209,622	13,102	6.3%
24 - UNIT COST (\$/BBL)	126.20	126.64	(0.44)	(0.3%)
25 - AMOUNT (\$)	28,107,972	26,545,624	1,562,348	5.9%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	419,506	432,176	(12,670)	(2.9%)
31 - UNIT COST (\$/BBL)	113.63	112.03	1.59	1.4%
32 - AMOUNT (\$)	47,666,573	48,417,459	(750,886)	(1.6%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2022 to 7/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,111,033	935,542	175,491	18.8%
37 - UNIT COST (\$/TON)	97.23	82.51	14.72	17.8%
38 - AMOUNT (\$)	108,026,555	77,192,447	30,834,108	39.9%
39 - BURNED				
40 - UNITS (TON)	1,253,871	1,127,432	126,436	11.2%
41 - UNIT COST (\$/TON)	85.03	82.27	2.76	3.4%
42 - AMOUNT (\$)	106,618,695	92,753,213	13,865,482	14.9%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	439,374	390,319	49,055	12.6%
48 - UNIT COST (\$/TON)	106.01	75.87	30.15	39.7%
49 - AMOUNT (\$)	46,580,198	29,611,570	16,968,628	57.3%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	155,260,676	154,057,072	1,203,604	0.8%
54 - UNIT COST (\$/MCF)	7.99	8.18	(0.18)	(2.3%)
55 - AMOUNT (\$)	1,240,675,322	1,259,497,206	(18,821,884)	(1.5%)
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF
July, 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	KWH FOR UTILITIES (000)	KWH FOR INTERRUPTIBLE (000)	KWH FOR FIRM (000)	FUEL COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	FUEL COST \$
ESTIMATED		140,885	-	-	140,885	11.459	11.459	16,143,527.00	16,143,527.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	127,994			127,994	10.829	10.829	13,860,171.05	13,860,171.05
Vandolah Power Co. LLC (Northern Star)	TOLL	239,749			239,749	10.150	10.150	24,333,753.16	24,333,753.16
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	2,029			2,029	(1.695)	(1.695)	(34,391.26)	(34,391.26)
Vandolah Power Co. LLC (Northern Star)	TOLL	3,423			3,423	(3.877)	(3.877)	(132,709.83)	(132,709.83)
CURRENT MONTH TOTAL		373,195			373,195	10.190	10.190	38,026,823.12	38,026,823.12
DIFFERENCE		232,310			232,310	(1.269)	(1.269)	21,883,296.12	21,883,296.12
DIFFERENCE %		165			165	(11.076)	(11.076)	135.55	135.55
CUMULATIVE ACTUAL		1,288,382			1,288,382	10.368	10.368	133,575,090.64	133,575,090.64
CUMULATIVE ESTIMATED		1,056,072			1,056,072	10.576	10.576	111,691,795.00	111,691,795.00
DIFFERENCE		232,310			232,310	(0.208)	(0.208)	21,883,295.64	21,883,295.64
DIFFERENCE %		22			22	(1.971)	(1.971)	19.59	19.59

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF
JULY, 2022

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPTIBLE (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		229,705	-	-	229,705	7.612	20.756	17,485,281.49
ACTUAL								
Lake County (LAKCOUNT) ADJ	CO-GEN	144	-	-	144	6.806	6.806	9,801.04 (1,118.39)
Metro-Dade County (METRDDAS) ADJ	CO-GEN	-	-	-	-	0.000	0.000	29,146.43 (2,143.00)
Orange Co-gen (ORANGEAS) ADJ	CO-GEN	435	-	-	435	7	6.700	29,146.43 1,887.89
Orange Co-gen (ORANGECO) ADJ	CO-GEN	36,972	-	-	36,972	6	23.794	2,372,292.81 144,356.70
Orlando Co-gen Limited (ORLACOGL) ADJ	CO-GEN	88,067	-	-	88,067	7.655	15.466	6,741,854.88 335,789.56
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	15,305	-	-	15,305	2.901	18.748	444,016.01 (4,590.83)
PCS Phosphate (OCSWFCKR) ADJ	CO-GEN	59	-	-	59	10.683	10.683	6,264.60 1,488.26
Pinellas County Resource Recovery (P NCOUNT) ADJ	CO-GEN	36,557	-	-	36,557	2.901	18.697	1,060,561.45 (9,963.93)
Polk Power Partners L.P. (MULBERRY) ADJ	CO-GEN	32,446	-	-	32,446	5.228	33.330	1,696,114.83 192,699.83
CURRENT MONTH TOTAL		209,976			209,976	6.200	20.469	13,018,458.14
DIFFERENCE		(19,729)			(19,729)	(1.412)	(0.286)	(4,466,823.35)
DIFFERENCE %		(8.59)			(8.59)	(18.55)	(1.38)	(25.55)
CUMULATIVE ACTUAL		1,393,789			1,393,789	5.311	20.493	74,021,084.12
CUMULATIVE ESTIMATED		1,413,518			1,413,518	5.553	20.468	78,487,907.47
CUMULATIVE DIFFERENCE		(19,729)			(19,729)	(0.242)	0.025	(4,466,823.35)
CUMULATIVE DIFFERENCE %		(1.40)			(1.40)	(4.36)	0.12	(5.69)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF
JULY, 2022

(1) PURCHASED FROM	(2) TYPE & & SCHEDULE	(3) TOTAL KWH PURCHASED (000)	(4) ENERGY COST C/KWH	(5) TOTAL AMOUNT FOR FUEL ADJ \$	(6) COST IF GENERATED C/KWH	(7) COST IF GENERATED \$	(8) FUEL SAVINGS \$
ESTIMATED		98,340	7.326	7,204,536.00	8.410	8,269,920.00	1,065,384.00
ACTUAL							
SubTotal - Energy Purchases (Broker)							
SEPA		1,452	4.942	71,747.46	4.942	71,747.46	-
Constellation Energy Generation, LLC	InternationalSwapsDe	14,753	15.429	2,276,196.00	19.125	2,821,498.86	545,302.86
Florida Power & Light Company	Transmission Purchase	-	0.000	47,025.80	0.000	-	(47,025.80)
Florida Power & Light Company		2,250	10.809	243,200.00	14.732	331,468.50	88,268.50
Jacksonville Electric Authority	Transmission Purchase	-	0.000	8,144.64	0.000	-	(8,144.64)
Macquarie Energy LLC		43,508	14.049	6,112,646.00	17.877	7,777,859.90	1,665,213.90
Morgan Stanley Capital Group Inc.	EEI	4,600	11.705	538,450.00	13.175	606,033.00	67,583.00
New Hope Power Partnership		1,440	10.799	155,500.00	18.745	269,931.60	114,431.60
Rainbow Energy Marketing Corporation		12,304	13.654	1,679,937.00	17.218	2,118,560.92	438,623.92
Seminole Electric Cooperative, Inc.	Transmission Purchase	-	0.000	12,937.68	0.000	-	(12,937.68)
Tampa Electric Company	EEI2	27,950	13.620	3,806,700.00	17.346	4,848,316.00	1,041,616.00
The Energy Authority	EEI	994	11.163	110,965.00	17.323	172,188.50	61,223.50
Tyr Energy, LLC		2,105	10.188	214,467.00	15.123	318,337.44	103,870.44
ADJUSTMENTS							
PJM Settlements				153.82			(153.82)
Florida Power & Light Company				448.55			(448.55)
Southern Company Services, Inc	Transmission Purchase			(1.60)			1.60
SubTotal - Energy Purchases (Non-Broker)							
		111,356	13.720	15,278,517.35	17.364	19,335,942.18	4,057,424.83
CURRENT MONTH TOTAL							
		111,356	13.720	15,278,517.35	17.364	19,335,942.18	4,057,424.83
DIFFERENCE							
		13,016	6.394	8,073,981.35	8.954	11,066,022.18	2,992,040.83
DIFFERENCE %							
		13	87.284	112.07	106.470	133.81	280.84
CUMULATIVE ACTUAL							
		495,103	10.638	52,670,922.80	12.004	59,434,449.44	6,928,017.10
CUMULATIVE EST MATED							
		482,087	9.251	44,596,941.00	10.033	48,368,427.00	3,771,486.00
DIFFERENCE							
		13,016	1.388	8,073,981.80	1.971	11,066,022.44	3,156,531.10
DIFFERENCE %							
		3	14.999	18.10	19.648	22.88	83.69

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2022

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	6,579,025	6,502,742	6,498,962	6,502,742	6,297,589	6,214,424	6,280,354						44,875,838
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615						45,798,303
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950						17,009,650
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338						40,490,363
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	8,932,175	8,932,175	8,932,175	8,932,175	8,932,175	8,840,681	8,925,330						62,426,885
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0	0	0	0	0						0
7 Southern purchase - Franklin	PPA	425	6/1/16 - 5/31/21	(79,292)	0	0	(844)	0	(270,639)	0						(350,775)
8 Retail Wheeling				(355,205)	(339,033)	(51,083)	(110,107)	(3,429)	(4,579)	(4,041)						(867,478)
9 CR1&2 NBV				45,460	45,460	45,460	45,460	45,460	45,460	45,460						318,222
10 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320	573,320						4,013,238
11 Vandolah Capacity Purchase	PPA	669	June 2012 - May 2027	3,011,389	2,975,257	2,023,067	2,000,970	2,877,666	5,956,966	5,988,548						24,833,863
12 Capacity Sales and Purchases	Other	-1	on-going no term date	9,365	(9,365)	(12,487)	0	72,800	72,800	0						133,113
13 Shady Hills Tolling	PPA	517	4/1/07-4/30/24	1,976,940	1,976,940	1,494,234	1,368,900	1,916,460	3,907,980	3,904,200						16,545,654
14 RidgeGen Agreement Termination				623,808	620,376	615,110	612,954	609,548	606,143	602,737						4,290,676
15 SoBRA True-Up - Santa Fe				(289,763)	0	0	0	0	0	0						(289,763)
16 SoBRA True-Up - Twin Rivers				(400,148)	0	0	0	0	0	0						(400,148)
17 SoBRA True-Up - Santa Fe (Base Rate Adjmt)				(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)						(225,337)
18 SoBRA True-Up - Twin Rivers (Base Rate Adjmt)				(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)						(311,178)
19 SoBRA - Charlie Creek (Base Rate Adjmt)				(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)						(7,277,305)
20 SoBRA - Sandy Creek (Base Rate Adjmt)				(806,910)	(806,910)	(806,910)	(806,910)	(806,910)	0	0						(4,034,549)
TOTAL				33,460,807	34,111,604	32,952,490	32,759,302	34,155,321	39,583,198	39,956,550	0	0	0	0	0	246,979,272