



Stephanie A. Cuello  
SENIOR COUNSEL

July 19, 2024

**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. 20240001-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 June 2024.

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. 20240001-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 July, 2024.

*s/ Stephanie A. Cuello*

Stephanie A. Cuello

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DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

JUNE 2024

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	141,771,290	107,883,318	33,887,972	31.4	4,267,280	4,045,166	222,114	5.5	3.3223	2.6670	0.6553	24.6
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	993,249	983,712	9,537	1.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	142,764,539	108,867,030	33,897,509	31.1	4,267,280	4,045,166	222,114	5.5	3.3456	2.6913	0.6543	24.3
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	5,453,657	810,061	4,643,596	573.2	92,353	56,747	35,606	62.8	5.9052	1.4275	4.4777	313.7
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)	2,938,775	339,837	2,598,938	764.8	50,045	11,587	38,458	331.9	5.8723	2.9330	2.9393	100.2
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	5,101,549	4,788,652	312,897	6.5	128,794	133,689	(4,895)	(3.7)	3.9610	3.5819	0.3791	10.6
9 TOTAL COST OF PURCHASED POWER	13,493,981	5,938,550	7,555,431	127.2	271,192	202,023	69,169	34.2	4.9758	2.9395	2.0363	69.3
10 TOTAL AVAILABLE MWH					4,538,472	4,247,189	291,283	7				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(607,073)	(1,085,920)	478,847	(44.1)	(28,095)	(35,803)	7,708	(21.5)	2.1608	3.0331	(0.8723)	(28.8)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(355,332)	(296,826)	(58,506)	19.7	(28,095)	(35,803)	7,708	(21.5)	1.2648	0.8291	0.4357	52.6
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(7,762,530)	(2,479,204)	(5,283,326)	213.1	(250,038)	(107,905)	(142,133)	131.7	3.1045	2.2976	0.8069	35.1
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(8,724,935)	(3,861,950)	(4,862,985)	125.9	(278,133)	(143,708)	(134,425)	93.5	3.1370	2.6874	0.4496	16.7
14 NET INADVERTENT AND WHEELED INTERCHANGE					22,238	0	22,238					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	147,533,584	110,943,630	36,589,955	33.0	4,282,577	4,103,480	179,097	4.4	3.4450	2.7036	0.7414	27.4
16 NET UNBILLED	(3,961,175)	3,038,468	(6,999,643)	(230.4)	114,984	(112,384)	227,368	(202.3)	(0.0973)	0.0802	(0.1775)	(221.3)
17 COMPANY USE	300,568	298,228	2,340	0.8	(8,725)	(11,031)	2,306	(20.9)	0.0074	0.0079	(0.0005)	(6.3)
18 T & D LOSSES	10,986,921	5,120,325	5,866,596	114.6	(318,926)	(189,386)	(129,540)	68.4	0.2700	0.1351	0.1349	99.9
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	147,533,584	110,943,630	36,589,955	33.0	4,069,910	3,790,680	279,230	7.4	3.6250	2.9267	0.6983	23.9
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(416)	(413)	(3)	0.7	(11)	(14)	3	(18.7)	3.6250	2.9267	0.6983	23.9
21 JURISDICTIONAL KWH SALES	147,533,169	110,943,217	36,589,952	33.0	4,069,899	3,790,666	279,233	7.4	3.6250	2.9267	0.6983	23.9
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	147,573,804	110,973,774	36,600,030	33.0	4,069,899	3,790,666	279,233	7.4	3.6260	2.9276	0.6984	23.9
23 PRIOR PERIOD TRUE-UP	26,782,777	26,782,777	(0)	0.0	4,069,899	3,790,666	279,233	7.4	0.6581	0.7065	(0.0484)	(6.9)
24 TOTAL JURISDICTIONAL FUEL COST	174,356,580	137,756,551	36,600,030	26.6	4,069,899	3,790,666	279,233	7.4	4.2841	3.6341	0.6500	17.9
25 GPIF	82,213	82,213	(1)	0.0	4,069,899	3,790,666	279,233	7.4	0.0020	0.0022	(0.0002)	(9.1)
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	5,349,014	5,201,972	147,042	2.8	4,069,899	3,790,666	279,233	7.4	0.1314	0.1372	(0.0058)	(4.2)
27 CLEAN ENERGY IMPACT (CEI)	9,507	4,323	5,184	119.9	4,069,899	3,790,666	279,233	7.4	0.0002	0.0001	0.0001	100.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.418	3.774	0.644	17.1

\*Line 11a. MWH Data for Infomational Purposes Only

\*Line 16 and 18. \$ Data for Infomational Purposes Only

DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
YEAR TO DATE - JUNE 2024

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	567,051,227	546,506,003	20,545,224	3.8	20,418,145	19,958,543	459,602	2.3	2.7772	2.7382	0.0390	1.4
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	9,763,983	6,821,743	2,942,239	43.1	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	576,815,210	553,327,746	23,487,464	4.2	20,418,145	19,958,543	459,602	2.3	2.8250	2.7724	0.0526	1.9
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	16,043,611	3,291,846	12,751,765	387.4	320,373	138,848	181,525	130.7	5.0078	2.3708	2.6370	111.2
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)	12,752,060	1,999,948	10,752,112	537.6	203,365	53,277	150,088	281.7	6.2705	3.7539	2.5166	67.0
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	21,949,926	25,367,504	(3,417,578)	(13.5)	686,345	728,537	(42,192)	(5.8)	3.1981	3.4820	(0.2839)	(8.2)
9 TOTAL COST OF PURCHASED POWER	50,745,597	30,659,298	20,086,299	65.5	1,210,083	920,662	289,421	31.4	4.1936	3.3301	0.8635	25.9
10 TOTAL AVAILABLE MWH					21,628,228	20,879,205	749,023	3.6				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(5,062,956)	(6,120,842)	1,057,886	(17.3)	(312,112)	(247,105)	(65,006)	26.3	1.6222	2.4770	(0.8548)	(34.5)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,905,580)	(2,119,307)	(786,273)	37.1	(312,112)	(247,105)	(65,006)	26.3	0.9309	0.8577	0.0732	8.5
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(21,282,510)	(12,225,822)	(9,056,688)	74.1	(875,891)	(475,829)	(400,062)	84.1	2.4298	2.5694	(0.1396)	(5.4)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(29,251,045)	(20,465,970)	(8,785,075)	42.9	(1,188,003)	(722,934)	(465,068)	64.3	2.4622	2.8310	(0.3688)	(13.0)
14 NET INADVERTENT AND WHEELED INTERCHANGE					106,708	0	106,708					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	598,309,762	563,521,074	34,788,687	6.2	20,546,934	20,156,271	390,663	1.9	2.9119	2.7958	0.1161	4.2
16 NET UNBILLED	11,591,381	417,781,642	(406,190,261)	(97.2)	(546,727)	(12,999,838)	12,453,111	(95.8)	0.0611	2.2340	(2.1729)	(97.3)
17 COMPANY USE	2,005,703	(29,126,920)	31,132,623	(106.9)	(68,604)	883,524	(952,128)	(107.8)	0.0106	(0.1557)	0.1663	(106.8)
18 T & D LOSSES	29,512,322	(350,464,493)	379,976,815	(108.4)	(966,990)	10,661,314	(11,628,304)	(109.1)	0.1556	(1.8740)	2.0296	(108.3)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	598,309,762	563,521,074	34,788,687	6.2	18,964,612	18,701,271	263,342	1.4	3.1549	3.0133	0.1416	4.7
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(455,300)	(90,512)	(364,788)	403.0	(16,872)	(2,994)	(13,878)	463.6	2.6985	3.0232	(0.3247)	(10.7)
21 JURISDICTIONAL KWH SALES	597,854,462	563,430,563	34,423,899	6.1	18,947,740	18,698,277	249,463	1.3	3.1553	3.0133	0.1420	4.7
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	598,032,863	563,599,482	34,433,380	6.1	18,947,740	18,698,277	249,463	1.3	3.1562	3.0142	0.1420	4.7
23 PRIOR PERIOD TRUE-UP	257,986,840	257,986,842	(2)	0.0	18,947,740	18,698,277	249,463	1.3	1.3616	1.3797	(0.0181)	(1.3)
24 TOTAL JURISDICTIONAL FUEL COST	856,019,703	821,586,324	34,433,379	4.2	18,947,740	18,698,277	249,463	1.3	4.5178	4.3939	0.1239	2.8
25 GPIF	493,275	493,278	(3)	0.0	18,947,740	18,698,277	249,463	1.3	0.0026	0.0026	0.0000	100.0
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	17,514,293	19,399,664	(1,885,371)	(9.7)	18,947,740	18,698,277	249,463	1.3	0.0924	0.1038	(0.0114)	112.3
27 CLEAN ENERGY IMPACT (CEI)	77,249	(5,084)	82,333	(1,619.3)	18,947,740	18,698,277	249,463	1.3	0.0004	0.0000	0.0004	0.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.613	4.500	0.113	2.5

\*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  
JUNE 2024

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>A . FUEL COSTS AND NET POWER TRANSACTIONS</b>								
1 . FUEL COST OF SYSTEM NET GENERATION	\$141,771,290	107,883,318	\$33,887,972	31.4	\$567,051,227	\$546,506,003	\$20,545,224	3.8
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(607,073)	(1,085,920)	478,847	(44.1)	(5,062,956)	(6,120,842)	1,057,886	(17.3)
2a. GAIN ON POWER SALES	(355,332)	(296,826)	(58,506)	19.7	(2,905,580)	(2,119,307)	(786,273)	37.1
3 . FUEL COST OF PURCHASED POWER	5,453,657	810,061	4,643,596	573.2	16,043,611	3,291,846	12,751,765	387.4
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	5,101,549	4,788,652	312,897	6.5	21,949,926	25,367,504	(3,417,578)	(13.5)
4 . ENERGY COST OF ECONOMY PURCHASES	2,938,775	339,837	2,598,938	764.8	12,752,060	1,999,948	10,752,112	537.6
5 . TOTAL FUEL & NET POWER TRANSACTIONS	154,302,866	112,439,122	41,863,744	37.2	609,828,289	568,925,153	40,903,136	7.2
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(7,762,530)	(2,479,204)	(5,283,326)	213.1	(21,282,510)	(12,225,822)	(9,056,688)	74.1
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	993,249	983,712	9,537	1.0	9,763,983	6,821,743	2,942,239	43.1
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$147,533,584	\$110,943,630	\$36,589,955	33.0	\$598,309,762	\$563,521,074	\$34,788,687	6.2

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	
N/A - Not used	0	0	0		0	0	0	
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0		0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0		(25,730)	0	(25,730)	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0		2,867,119	0	2,867,119	
FPD AGREEMENT TERMINATION	984,363	0	984,363		5,967,101	0	5,967,101	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0		0	0	0	
NET METER SETTLEMENT	8,885	0	8,885		955,492	0	955,492	
CR4 OUTAGE REPLACEMENT POWER	0	0	0		0	0	0	
Derivative Collateral Interest	0	0	0		0	0	0	
<b>SUBTOTAL LINE 6b SHOWN ABOVE</b>	<b>\$993,249</b>	<b>\$0</b>	<b>\$993,249</b>		<b>\$9,763,983</b>	<b>\$0</b>	<b>\$9,763,983</b>	

**B. KWH SALES**

1 . JURISDICTIONAL SALES	4,069,898,936	3,790,665,730	279,233,206	7.4	18,947,739,384	18,698,277,018	249,462,366	1.3
2 . NON JURISDICTIONAL (WHOLESALE) SALES	11,465	14,100	(2,635)	(18.7)	16,872,362	2,993,930	13,878,432	463.6
3 . TOTAL SALES	4,069,910,401	3,790,679,830	279,230,571	7.4	18,964,611,746	18,701,270,948	263,340,798	1.4
4 . JURISDICTIONAL SALES % OF TOTAL SALES	100.00	100.00	(0.00)	0.0	99.91	99.98	(0.07)	(0.1)

DUKE ENERGY FLORIDA  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
JUNE 2024

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>C. TRUE UP CALCULATION</b>								
1. JURISDICTIONAL FUEL REVENUE	\$190,131,579	\$176,758,743	\$13,372,836	7.6	\$968,127,427	\$961,906,668	\$6,220,759	0.7
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(26,782,777)	(26,782,777)	0	0.0	(257,986,840)	(257,986,842)	2	0.0
2b. INCENTIVE PROVISION	(82,213)	(82,213)	1	0.0	(493,275)	(493,278)	3	0.0
2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	(5,349,014)	(5,201,972)	(147,042)	2.8	(17,514,293)	(19,399,664)	1,885,371	(9.7)
2d. CLEAN ENERGY IMPACT (CEI)	(9,507)	(4,323)	(5,184)	119.9	(77,249)	5,084	(82,333)	(1,619.3)
3. TOTAL JURISDICTIONAL FUEL REVENUE	157,908,068	144,687,458	13,220,610	9.1	692,055,770	684,031,969	8,023,801	1.2
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	147,533,584	110,943,630	36,589,955	33.0	598,309,762	563,521,074	34,788,687	6.2
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	100.00	100.00	(0.00)	0.0	99.91	99.98	(0.07)	(0.1)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00028 LOSS MULTIPLIER)	147,573,804	110,973,774	36,600,030	33.0	598,032,863	563,599,482	34,433,380	6.1
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	10,334,264	33,713,684	(23,379,420)	(69.4)	94,022,908	120,432,487	(26,409,579)	(21.9)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(1,110,478)	(1,040,446)	(70,032)	6.7	(10,577,485)	(10,514,636)	(62,849)	0.6
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(268,666,202)	(265,643,225)	(3,022,977)	1.1	(574,091,902)	(574,091,902)	0	0.0
10. TRUE UP COLLECTED (REFUNDED)	26,782,777	26,782,777	(0)	0.0	257,986,840	257,986,842	(2)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(232,659,639)	(206,187,210)	(26,472,430)	12.8	(232,659,639)	(206,187,210)	(26,472,430)	12.8
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$232,659,639)	(206,187,210)	(26,472,430)	12.8	(\$232,659,639)	(206,187,210)	(26,472,430)	12.8
<b>D. INTEREST PROVISION</b>								
1. BEGINNING TRUE UP (LINE C9)	(\$268,666,202)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(231,549,161)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(500,215,363)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(250,107,682)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	5.300	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	5.350	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	10.650	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	5.325	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.444	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$1,110,478)	N/A	--	--				



## A-3 Generating System Comparative Data Report

Report Period : 6/1/2024 to 6/1/2024

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	1,253,692	398,340	855,352	214.7 %
3 - COAL	25,284,595	24,558,060	726,535	3.0 %
4 - GAS	115,233,004	82,926,918	32,306,086	39.0 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	141,771,290	107,883,318	33,887,972	31.4 %
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	1,221	98	1,123	1147.0 %
11 - COAL	543,979	569,023	(25,044)	(4.4 %)
12 - GAS	3,437,132	3,217,061	220,071	6.8 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	284,948	258,984	25,964	10.0 %
15	0	0	0	0.0 %
16 - TOTAL (MWH)	4,267,280	4,045,166	222,114	5.5 %
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	7,995	2,063	5,932	287.5 %
19 - COAL (TON)	255,005	261,994	(6,989)	(2.7 %)
20 - GAS (MCF)	25,084,642	23,610,632	1,474,010	6.2 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	46,110	12,016	34,094	283.7 %
26 - COAL	5,668,761	5,960,874	(292,113)	(4.9 %)
27 - GAS	25,726,066	23,610,632	2,115,434	9.0 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	31,440,937	29,583,522	1,857,415	6.3 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.0	0.00	0.03	1080.8 %
34 - COAL	12.7	14.07	(1.32)	(9.4 %)
35 - GAS	80.5	79.53	1.02	1.3 %
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	6.7	6.40	0.28	4.3 %
38	0.0	0	0.00	0.0 %
39 - TOTAL (% MWH)	100.0	100.0	0.00	0.0 %

### A-3 Generating System Comparative Data Report

Report Period : 6/1/2024 to 6/1/2024

Duke Energy Florida, LLC

<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	156.81	193.09	(36.28)	(18.8 %)
42 - COAL (\$/TON)	99.15	93.74	5.42	5.8 %
43 - GAS (\$/MCF)	4.59	3.51	1.08	30.8 %
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 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	27.19	33.15	(5.96)	(18.0 %)
49 - COAL	4.46	4.12	0.34	8.3 %
50 - GAS	4.48	3.51	0.97	27.5 %
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)	4.51	3.65	0.86	23.6 %
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	37,772	122,737	(84,966)	(69.2 %)
57 - COAL	10,421	10,476	(55)	(0.5 %)
58 - GAS	7,485	7,339	146	2.0 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,368	7,313	55	0.7 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	102.70	406.88	(304.19)	(74.8 %)
65 - COAL	4.65	4.32	0.33	7.7 %
66 - GAS	3.35	2.58	0.77	30.1 %
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)	3.32	2.67	0.66	24.6 %



## A-3 Generating System Comparative Data Report

Report Period : 1/1/2024 to 6/1/2024

Duke Energy Florida, LLC

<b>FUEL COST OF SYSTEM</b>	<b>ACTUAL</b>	<b>ESTIMATED</b>	<b>DIFFERENCE</b>	<b>DIFFERENCE (%)</b>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	8,872,944	3,202,916	5,670,028	177.0 %
3 - COAL	77,121,098	78,825,859	(1,704,761)	(2.2 %)
4 - GAS	481,057,186	464,477,228	16,579,958	3.6 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	567,051,228	546,506,003	20,545,225	3.8 %
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	15,857	2,824	13,034	461.6 %
11 - COAL	1,622,018	1,741,195	(119,177)	(6.8 %)
12 - GAS	17,375,998	16,781,152	594,846	3.5 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	1,404,271	1,433,374	(29,103)	(2.0 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	20,418,145	19,958,545	459,600	2.3 %
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	59,920	18,423	41,497	225.2 %
19 - COAL (TON)	781,222	807,826	(26,604)	(3.3 %)
20 - GAS (MCF)	127,599,811	122,408,437	5,191,374	4.2 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	345,901	106,643	239,258	224.4 %
26 - COAL	17,436,523	18,345,932	(909,409)	(5.0 %)
27 - GAS	130,599,103	123,355,819	7,243,284	5.9 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	148,381,526	141,808,394	6,573,132	4.6 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.1	0.01	0.06	448.9 %
34 - COAL	7.9	8.72	(0.78)	(8.9 %)
35 - GAS	85.1	84.08	1.02	1.2 %
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	6.9	7.18	(0.30)	(4.2 %)
38	0.0	0	0.00	0.0 %
39 - TOTAL (% MWH)	100.0	100.0	0.00	0.0 %

## A-3 Generating System Comparative Data Report

Report Period : 1/1/2024 to 6/1/2024

Duke Energy Florida, LLC

<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	148.08	173.85	(25.77)	(14.8 %)
42 - COAL (\$/TON)	98.72	97.58	1.14	1.2 %
43 - GAS (\$/MCF)	3.77	3.79	(0.02)	(0.6 %)
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 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	25.65	30.03	(4.38)	(14.6 %)
49 - COAL	4.42	4.30	0.13	2.9 %
50 - GAS	3.68	3.77	(0.08)	(2.2 %)
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)	3.82	3.85	(0.03)	(0.8 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	21,813	37,768	(15,955)	(42.2 %)
57 - COAL	10,750	10,536	213	2.0 %
58 - GAS	7,516	7,351	165	2.2 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,267	7,105	162	2.3 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	55.96	113.43	(57.48)	(50.7 %)
65 - COAL	4.75	4.53	0.23	5.0 %
66 - GAS	2.77	2.77	0.00	0.0 %
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)	2.78	2.74	0.04	1.4 %



# A-4 System Net Generation and Fuel Cost Report

Report Period : 6/1/2024 to 6/1/2024

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 (\$)
TOTAL Unit 1	74.9	17,099.00	32			0				0	0	0.000	
<b>Winquepin Solar Facility</b>													
TOTAL Unit 1	74.9	13,595.00	25			0				0	0	0.000	
<b>St. Pete Pier</b>													
TOTAL Unit 1	0.35	54.75	22			0				0	0	0.000	
<b>Clearwater Marine Aquarium (Dolphin Solar)</b>													
TOTAL Unit 1	0.25	55.87	31			0				0	0	0.000	
<b>John Hopkins Solar</b>													
TOTAL Unit 1	0.825	238.49	40			0				0	0	0.000	
<b>Hines Floating Solar</b>													
TOTAL Unit 1	0.75	105.75	20			0				0	0	0.000	
<b>TOTAL Solar</b>	1,485.7	284,947.86				0				0	0	0.000	
<b>Steam Anclote</b>													
TOTAL UNIT 1	521	84,795.00	23			12,644	Gas	1,047,005	1.024	1,072,133	4,882,709	5.758	4.664
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4	721	280,468.00	54			10,610	Coal No 2	133,357 1,954	22.230 5.766	2,964,526 11,266	13,222,790 336,613	4.715 0.000	99.153 172.269
TOTAL UNIT 5	721	263,511.00	51			10,329	Coal No 2	121,648 3,027	22.230 5.766	2,704,235 17,452	12,061,804 521,457	4.577 0.000	99.153 172.269
<b>TOTAL Steam</b>	1,963	628,774.00				10,766				6,769,613	31,025,374	4.934	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
TOTAL BCC	1,259	705,948.00	78			7,365	Gas	5,082,230	1.023	5,199,122	21,627,535	3.064	4.256
<b>Bartow Peaker</b>													
TOTAL BAP	170	1,405.46	1			16,680	No 2 Gas	530 22,894	5.714 1.024	3,028 23,443	67,619 109,005	37.246 7.756	127.583 4.761
<b>Bayboro Peaker</b>													
TOTAL BYP	173	96.50	0			12,515	No 2	212	5.697	1,208	25,694	26.626	121.198
<b>Citrus County</b>													
TOTAL CCCC	1,854	1,004,220.00	75			6,870	Gas	6,691,870	1.031	6,899,318	35,671,843	3.552	5.331
<b>Debary Peaker</b>													
TOTAL DEP	547	4,231.00	1			14,048	No 2 Gas	613 54,542	5.768 1.025	3,536 55,905	79,712 258,082	31.671 6.485	130.036 4.732
<b>Hines Energy</b>													
TOTAL HEP	2,161	1,169,851.00	75			7,259	Gas	8,292,436	1.024	8,491,454	36,078,735	3.084	4.351
<b>Intercession City Peaker</b>													
TOTAL ICP	981	25,511.00	4			13,926	No 2 Gas	1,659 336,225	5.799 1.028	9,621 345,639	222,597 1,448,987	32.221 5.838	134.176 4.310

# A-4 System Net Generation and Fuel Cost Report

Report Period : 6/1/2024 to 6/1/2024

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 (\$)
<b>Osprey</b>													
TOTAL OSP	611	264,642.00	60			8,047	Gas	2,079,667	1.024	2,129,579	8,830,237	3.337	4.246
<b>Suwannee Peaker</b>													
TOTAL SRP	203	6,980.00	5			17,050	Gas	120,210	0.990	119,009	541,064	7.752	4.501
<b>Tiger Bay Cogen</b>													
TOTAL TBP	230	136,720.00	83			7,782	Gas	1,039,011	1.024	1,063,947	4,421,866	3.234	4.256
<b>Univ of Florida Cogen</b>													
TOTAL UFP	50	33,772.40	94			9,668	Gas	318,552	1.025	326,516	1,362,940	4.036	4.279
<b>TOTAL Gas Turbine</b>	8,239	3,353,558.00				7,357				24,671,325	110,745,916	3.302	0.000
<b>SYSTEM TOTAL</b>	11,687.7	4,267,279.86				7,369				31,440,938	141,771,290	3.322	



# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2024 to 6/1/2024

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 (\$)
TOTAL Unit 1	74.9	82,525.00	25			0				0	0	0.000	
<b>Winquepin Solar Facility</b>													
TOTAL Unit 1	74.9	53,421.00	21			0				0	0	0.000	
<b>St. Pete Pier</b>													
TOTAL Unit 1	0.35	283.89	19			0				0	0	0.000	
<b>Clearwater Marine Aquarium (Dolphin Solar)</b>													
TOTAL Unit 1	0.25	281.74	26			0				0	0	0.000	
<b>John Hopkins Solar</b>													
TOTAL Unit 1	0.825	880.32	24			0				0	0	0.000	
<b>Hines Floating Solar</b>													
TOTAL Unit 1	0.75	626.45	19			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>1,485.7</b>	<b>1,404,271.40</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam Anclote</b>													
		433,452.00					Gas	5,061,679	1.022	5,170,619	18,753,877	4.327	3.705
TOTAL UNIT 1	521	433,452.00	19			11,929				5,170,619	18,753,877	4.327	
		247,575.00					Gas	2,902,029	1.025	2,974,263	12,413,823	5.014	4.278
TOTAL UNIT 2	514	247,575.00	11			12,014				2,974,263	12,413,823	5.014	
<b>Crystal River 4 &amp; 5</b>													
		951,521.00					Coal	470,520	22.277	10,481,552	46,756,007	4.914	99.371
		0.00					No 2	10,759	5.776	62,147	1,850,536	0.000	171.994
TOTAL UNIT 4	721	951,521.00	30			11,081				10,543,699	48,606,542	5.108	
		670,497.00					Coal	310,702	22.385	6,954,971	30,365,091	4.529	97.731
		0.00					No 2	10,809	5.774	62,413	1,857,484	0.000	171.846
TOTAL UNIT 5	721	670,497.00	21			10,466				7,017,384	32,222,575	4.806	
<b>TOTAL Steam</b>	<b>1,963</b>	<b>2,303,045.00</b>				<b>11,162</b>				<b>25,705,964</b>	<b>111,996,818</b>	<b>4.863</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
		539.63					No 2	717	5.713	4,096	91,457	16.948	127.555
		3,174,463.37					Gas	23,613,091	1.020	24,094,828	82,781,440	2.608	3.506
TOTAL BCC	1,259	3,175,003.00	58			7,590				24,098,924	82,872,897	2.610	
<b>Bartow Peaker</b>													
		884.34					No 2	2,674	5.712	15,274	330,024	37.318	123.419
		11,548.66					Gas	177,030	1.022	180,858	652,567	5.651	3.686
TOTAL BAP	223	12,433.00	1			15,775				196,132	982,591	7.903	
<b>Bayboro Peaker</b>													
		3,151.70					No 2	7,721	5.711	44,097	955,351	30.312	123.734
TOTAL BYP	229	3,152.00	0			13,992				44,097	955,351	30.312	
<b>Citrus County</b>													
		6,083,974.00					Gas	40,375,942	1.028	41,500,585	169,972,331	2.794	4.210
TOTAL CCCC	1,854	6,083,974.00	75			6,821				41,500,585	169,972,331	2.794	
<b>Debary Peaker</b>													
		2,009.15					No 2	4,829	5.767	27,847	627,812	31.248	130.009
		20,843.85					Gas	282,854	1.021	288,896	1,027,308	4.929	3.632
TOTAL DEP	611	22,853.00	1			13,860				316,743	1,655,120	7.242	
<b>Hines Energy</b>													
		5,509,544.00					Gas	39,287,381	1.021	40,129,108	139,283,975	2.528	3.545



# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2024 to 6/1/2024

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 (\$)
TOTAL HEP	2,161	5,509,544.00	58			7,284				40,129,108	139,283,975	2.528	
<b>Intercession City Peaker</b>							No 2 Gas	22,410 1,870,764	5.802 1.026	130,027 1,919,630	3,160,281 6,330,303	34.081 4.587	141.019 3.384
TOTAL ICP	1,198	147,272.00	3			13,917				2,049,657	9,490,583	6.444	
<b>Osprey</b>							Gas	7,287,371	1.023	7,451,849	26,059,199	2.678	3.576
TOTAL OSP	611	973,099.00	36			7,658				7,451,849	26,059,199	2.678	
<b>Suwannee Peaker</b>							Gas	631,419	1.016	641,586	2,436,759	5.604	3.859
TOTAL SRP	203	43,481.00	5			14,756				641,586	2,436,759	5.604	
<b>Tiger Bay Cogen</b>							Gas	4,212,169	1.022	4,304,902	15,046,614	2.733	3.572
TOTAL TBP	230	550,614.00	55			7,818				4,304,902	15,046,614	2.733	
<b>Univ of Florida Cogen</b>							Gas	1,898,082	1.023	1,941,979	6,298,989	3.326	3.319
TOTAL UFP	50	189,404.00	87			10,253				1,941,979	6,298,989	3.326	
<b>TOTAL Gas Turbine</b>	8,629	16,710,829.00				7,341				122,675,562	455,054,410	2.723	0.000
<b>SYSTEM TOTAL</b>	12,077.7	20,418,145.40				7,804				148,381,526	567,051,228	2.777	

# A-5 System Generation Fuel Cost Report

Report Period : 6/1/2024 to 6/1/2024

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.00%
11 - AMOUNT (\$)	0		0	0.00%
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	53,995	2,063	51,932	2517.3%
20 - UNIT COST (\$/BBL)	118.36	193.09	(74.72)	(38.7%)
21 - AMOUNT (\$)	6,391,017	398,340	5,992,677	1504.4%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	7,995	2,063	5,932	287.5%
24 - UNIT COST (\$/BBL)	156.81	193.09	(36.28)	(18.8%)
25 - AMOUNT (\$)	1,253,692	398,340	855,352	214.7%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	576,474	560,825	15,649	2.8%
31 - UNIT COST (\$/BBL)	125.36	127.12	(1.76)	(1.4%)
32 - AMOUNT (\$)	72,264,889	71,291,798	973,091	1.4%
33 -				
34 - DAYS SUPPLY	2,164	8,155	(5,992)	(73.5%)

# A-5 System Generation Fuel Cost Report

Report Period : 6/1/2024 to 6/1/2024

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	189,082	261,994	(72,912)	(27.8%)
37 - UNIT COST (\$/TON)	96.28	93.74	2.55	2.7%
38 - AMOUNT (\$)	18,204,855	24,558,060	(6,353,205)	(25.9%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	255,005	261,994	(6,989)	(2.7%)
41 - UNIT COST (\$/TON)	99.15	93.74	5.42	5.8%
42 - AMOUNT (\$)	25,284,595	24,558,060	726,535	3.0%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	505,186	565,723	(60,537)	(10.7%)
48 - UNIT COST (\$/TON)	99.15	96.69	2.47	2.6%
49 - AMOUNT (\$)	50,090,917	54,698,423	(4,607,506)	(8.4%)
50 -				
51 - DAYS SUPPLY	59	65	(5)	(8.3%)
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	25,084,642	23,610,632	1,474,010	6.2%
54 - UNIT COST (\$/MCF)	4.59	3.51	1.08	30.8%
55 - AMOUNT (\$)	115,233,004	82,926,918	32,306,086	39.0%
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
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 : 1/1/2024 to 6/1/2024

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	70,504	13,150	57,354	436.2%
20 - UNIT COST (\$/BBL)	130.21	190.77	(60.57)	(31.7%)
21 - AMOUNT (\$)	9,180,158	2,508,672	6,671,486	265.9%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	59,920	18,423	41,497	225.2%
24 - UNIT COST (\$/BBL)	148.08	173.85	(25.77)	(14.8%)
25 - AMOUNT (\$)	8,872,944	3,202,916	5,670,028	177.0%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	218			
28 - AMOUNT (\$)	25,730			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	576,474	560,825	15,649	2.8%
31 - UNIT COST (\$/BBL)	125.36	127.12	(1.76)	(1.4%)
32 - AMOUNT (\$)	72,264,889	71,291,798	973,091	1.4%
33 -				

# A-5 System Generation Fuel Cost Report

Report Period : 1/1/2024 to 6/1/2024

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>34 - DAYS SUPPLY</b>	0	0	0	0.0%
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	820,575	878,008	(57,433)	(6.5%)
37 - UNIT COST (\$/TON)	102.16	99.40	2.76	2.8%
38 - AMOUNT (\$)	83,826,022	87,271,170	(3,445,148)	(3.9%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	781,222	807,826	(26,604)	(3.3%)
41 - UNIT COST (\$/TON)	98.72	97.58	1.14	1.2%
42 - AMOUNT (\$)	77,121,098	78,825,859	(1,704,761)	(2.2%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	(29,708)			
45 - AMOUNT (\$)	(2,867,119)			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	505,186	565,723	(60,537)	(10.7%)
48 - UNIT COST (\$/TON)	99.15	96.69	2.47	2.6%
49 - AMOUNT (\$)	50,090,917	54,698,423	(4,607,506)	(8.4%)
50 -				
<b>51 - DAYS SUPPLY</b>	0	0	0	0.0%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	127,599,811	122,408,437	5,191,374	4.2%
54 - UNIT COST (\$/MCF)	3.77	3.79	(0.02)	(0.6%)
55 - AMOUNT (\$)	481,057,186	464,477,228	16,579,958	3.6%
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
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 A6  
Power Sold for the Month of  
JUNE 2024

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
<b>ESTIMATED</b>		35,803		35,803	3.033	3.862	1,085,920.00	1,382,746	296,826.00
<b>ACTUAL</b>									
Associated Electric Cooperative, Inc.		15		15	3.556	4.058	533.40	608.70	75.30
Dominion Energy South Carolina, Inc.		513		513	2.485	2.471	12,747.03	12,674.07	(72.96)
Oglethorpe Power Corporation		344		344	2.351	3.278	8,086.50	11,276.81	3,190.31
Orlando Utilities Commission	Schedule OS	2,100		2,100	1.209	8.540	25,380.15	179,349.92	153,969.77
Reedy Creek Improvement District	CR-1	11,240		11,240	2.343	2.725	263,392.81	306,306.94	42,914.13
Southern Company Services, Inc.	EEI	701		701	2.040	1.996	14,302.10	13,993.77	(308.33)
Tampa Electric Company		2,296		2,296	1.135	3.092	26,052.37	70,983.91	44,931.54
Tennessee Valley Authority		976		976	2.004	2.295	19,562.54	22,399.80	2,837.26
The Energy Authority	EEI	2,566		2,566	2.393	2.694	61,402.05	69,139.81	7,737.77
The Energy Authority	Schedule OS	7,459		7,459	2.354	4.255	175,614.02	317,401.58	141,787.56
<b>Adjustments</b>									
Associated Electric Cooperative, Inc.								21.75	21.75
Duke Energy Car T								(7.54)	(7.54)
Duke Energy FL T								(3,503.63)	(3,503.63)
Duke Energy Prog T								(29.16)	(29.16)
Georgia Trans Corp								(164.03)	(164.03)
MEAGT T								(1,223.79)	(1,223.79)
Oglethorpe Power Corporation								128.95	128.95
PJM Settlements, Inc								0.60	0.60
SC Public Svc Auth T								(85.48)	(85.48)
Southern Company Services, Inc.								(2,368.23)	(2,368.23)
Tallahassee (City of)		(115)						(34,500.00)	(34,500.00)
Subtotal - Gain on Other Power Sales		28,095		28,210	2.161	3.426	607,072.97	962,404.75	355,331.78
CURRENT MONTH TOTAL		28,095		28,210	2.161	3.426	607,072.97	962,404.75	355,331.78
DIFFERENCE		(7,708)		(7,593)	(0.872)	(0.437)	(478,847.03)	(420,341.25)	58,505.78
DIFFERENCE %		(21.53)		(21.21)	(28.76)	(11.30)	(44.10)	(30.40)	19.71
CUMULATIVE ACTUAL		312,112		314,665	1.622	2.553	5,062,955.81	7,968,535.54	2,905,579.74
CUMULATIVE ESTIMATED		247,105		247,105	2.477	3.335	6,120,841.62	8,240,148.19	2,119,306.57
DIFFERENCE		65,006		67,559	(0.855)	(0.782)	(1,057,885.81)	(271,612.65)	786,273.16
DIFFERENCE %		26.31		27.34	(34.51)	(23.44)	(17.28)	(3.30)	37.10

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
JUNE 2024

(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 \$
<b>ESTIMATED</b>		56,747	0	0	56,747	1.427	1.427	810,061	810,061
<b>ACTUAL</b>									
Vandolah Power Co. LLC (Northern Star)	TOLL	90,990			90,990	5.779	5.779	5,258,500	5,258,500
<b>ADJUSTMENTS</b>									
Vandolah Power Co. LLC (Northern Star)	TOLL	1,363			1,363	14.318	14.318	195,157	195,157
CURRENT MONTH TOTAL		92,353			92,353	5.905	5.905	5,453,657	5,453,657
DIFFERENCE		35,606			35,606	4.478	4.478	4,643,596	4,643,596
DIFFERENCE %		62.75			62.75	313.68	313.68	573.24	573.24
CUMULATIVE ACTUAL		320,373			320,373	5.008	5.008	16,043,611	16,043,611
CUMULATIVE ESTIMATED		138,848			138,848	2.371	2.371	3,291,846	3,291,846
DIFFERENCE		181,525			181,525	2.637	2.637	12,751,765	12,751,765
DIFFERENCE %		130.74			130.74	111.22	111.22	387.37	387.37



DUKE ENERGY FLORIDA, LLC  
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES  
FOR THE MONTH OF:  
JUNE 2024

(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		133,689	0	0	133,689	3.582	23.288	4,788,652
ACTUAL								
Lake County (LAKCOUNT)	CO-GEN	600			600	2.467	2.467	14,802
ADJ		0			0			5,355
G2 Energy Marion County LLC	CO-GEN	1			1	4.109	4.109	41
ADJ		0			0			305
Orange Cogen (ORANGEAS)	CO-GEN	379			379	1.925	1.925	7,296
ADJ		0			0			2,615
Orange Cogen (ORANGECO)	CO-GEN	35,998			35,998	5.445	25.484	1,960,137
ADJ		0			0			28,908
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	16,731			16,731	2.376	19.409	397,462
ADJ		0			0			100,519
PCS Phosphate (OCSWFCKR)	CO-GEN	35			35	0.000	0.000	0
ADJ		0			0			0
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	39,584			39,584	2.361	19.573	934,578
ADJ		0			0			268,325
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	35,466			35,466	3.190	31.713	1,131,365
ADJ		0			0			249,840
CURRENT MONTH TOTAL		128,794			128,794	3.961	24.416	5,101,549
DIFFERENCE		(4,895)			(4,895)	0.379	1.128	312,897
DIFFERENCE %		(3.66)			(3.66)	10.58	4.84	6.53
CUMULATIVE ACTUAL		686,345			686,345	3.198	26.236	21,949,926
CUMULATIVE ESTIMATED		728,537			728,537	3.482	24.989	25,367,504
CUMULATIVE DIFFERENCE		(42,192)			(42,192)	(0.284)	1.247	(3,417,578)
CUMULATIVE DIFFERENCE %		(5.79)			(5.79)	(8.15)	4.99	(13.47)

**DUKE ENERGY FLORIDA, LLC  
SCHEDULE A9**

**ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
FOR THE MONTH OF:  
JUNE 2024**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
ESTIMATED		11,587	2.933	339,837	5.224	605,314	265,477
<b>ACTUAL:</b>							
SubTotal - Energy Purchases (Broker)							
Associated Electric Cooperative, Inc.		140	2.019	2,826	2.488	3,484	658
Constellation Energy Generation, LLC	InternationalSwapsDe	18,054	5.261	949,760	4.400	794,416	(155,344)
Dominion Energy South Carolina, Inc.		43	6.536	2,811	20.771	8,932	6,121
Duke Electric Transmission	Transmission Purchase		0.000	1,591	0.000		(1,591)
EDF Trading North America, LLC		800	5.750	46,000	4.820	38,559	(7,441)
Florida Power & Light Company	Transmission Purchase		0.000	158,008	0.000		(158,008)
Florida Power & Light Company		2,900	5.224	151,500	3.532	102,420	(49,080)
Jacksonville Electric Authority	Transmission Purchase		0.000	54,276	0.000		(54,276)
LGE/KU		62	4.383	2,718	12.513	7,758	5,041
Macquarie Energy LLC		15,886	6.735	1,069,892	4.353	691,538	(378,354)
Morgan Stanley Capital Group Inc.	EEl	2,850	4.400	125,400	3.790	108,016	(17,384)
NCEMC		209	1.678	3,507	1.985	4,149	642
Oglethorpe Power Corporation		47	1.716	807	2.297	1,080	273
Rainbow Energy Marketing Corporation		454	7.100	32,234	3.614	16,406	(15,828)
Southern Company Services, Inc.	EEl	2,019	6.941	140,140	5.652	114,119	(26,021)
Southern Company Services, Inc. Transmission	Transmission Purchase		0.000	3,415	0.000		(3,415)
Tampa Electric Company		3,380	5.854	197,875	4.848	163,854	(34,021)
The Energy Authority	EEl	3,200	7.450	238,400	4.374	139,968	(98,432)
<b>ADJUSTMENTS</b>							
Constellation Energy Generation, LLC				800			(800)
Florida Power & Light Company				45,726			(45,726)
Jacksonville Electric Authority				(82,889)			82,889
PJM Settlement Inc.				71			(71)
Southern Company Services, Inc.		1		69			(69)
Tampa Electric Company				(206,415)			206,415
Tennessee Valley Authority Transmission				5			(5)
Georgia Transmission Corporation				164			(164)
South Carolina Public Service Authority				85			(85)
SubTotal - Energy Purchases (Non-Broker)							
		50,045	5.872	2,938,775	4.385	2,194,699	(744,076)
CURRENT MONTH TOTAL							
		50,045	5.872	2,938,775	4.385	2,194,699	(744,076)
DIFFERENCE							
		38,458	2.939	2,598,938	(0.839)	1,589,385	(1,009,553)
DIFFERENCE %							
		331.92	100.21	764.76	(16.06)	262.57	(380.28)
CUMULATIVE ACTUAL							
		203,365	6.271	12,752,060	5.604	11,395,595	(1,356,466)
CUMULATIVE ESTIMATED							
		53,277	3.754	1,999,948	4.804	2,559,174	559,226
DIFFERENCE							
		150,088	2.517	10,752,112	0.800	8,836,421	(1,915,691)
DIFFERENCE %							
		281.71	67.04	537.62	16.65	345.28	(342.56)

DUKE ENERGY FLORIDA  
SCHEDULE A12 - CAPACITY COSTS  
FOR THE PERIOD JAN - DEC 2024

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	6,836,499	7,184,623	7,184,623	7,581,621	7,184,623	7,184,623							43,156,613
2 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,584,740	2,749,420	2,749,420	2,914,100	2,749,420	2,749,420							16,496,520
3 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	6,152,805	6,544,815	6,544,815	6,936,825	6,544,815	6,544,815							39,268,890
4 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	9,387,325	9,866,169	9,866,169	10,345,012	9,866,169	9,866,169							59,197,012
5 Retail Wheeling				(58,194)	(2,755)	(33,314)	(20,677)	(1,653)	(16,972)							(133,565)
6 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320							3,439,919
7 Vandolah Capacity Purchase	PPA	669.00	June 2012 - May 2027	3,015,140	2,976,907	2,013,457	2,002,929	2,788,781	6,058,515							18,855,729
8 Capacity Sales and Purchases	Other	-1.00	on-going no term date	0	0	0	0	0	0							0
9 Shady Hills Tolling	PPA	517.00	4/1/07-4/30/24	1,980,720	1,980,720	1,414,800	1,371,600	0	(92,477)							6,655,363
10 SoBRA True-Up - Santa Fe (Base Rate Adjmt)				(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)							(193,146)
11 SoBRA True-Up - Twin Rivers (Base Rate Adjmt)				(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)							(266,724)
12 SoBRA - Charlie Creek (Base Rate Adjmt)				(88,410)	(5,037)	(5,037)	(5,037)	(5,037)	(5,037)							(113,593)
13 SoBRA - Sandy Creek (Base Rate Adjmt)				(1,003,759)	(48,401)	(48,401)	(48,401)	(48,401)	(48,401)							(1,245,762)
<b>TOTAL</b>				<b>29,303,542</b>	<b>31,743,137</b>	<b>30,183,208</b>	<b>31,574,648</b>	<b>29,575,392</b>	<b>32,737,331</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>185,117,258</b>