



Stephanie A. Cuello  
SENIOR COUNSEL

March 20, 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 February 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 20th day of March, 2024.

s/ Stephanie A. Cuello

Stephanie A. Cuello

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DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

FEBRUARY 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)	81,700,894	103,553,620	(21,852,726)	(21.1)	2,726,393	2,687,357	39,037	1.5	2.9967	3.8534	(0.8567)	(22.2)
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	1,906,341	993,969	912,372	91.8	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	83,607,235	104,547,589	(20,940,354)	(20.0)	2,726,393	2,687,357	39,037	1.5	3.0666	3.8904	(0.8238)	(21.2)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	189,122	494,975	(305,853)	(61.8)	3,009	7,180	(4,171)	(58.1)	6.2852	6.8940	(0.6088)	(8.8)
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)	327,044	393,887	(66,842)	(17.0)	11,496	7,382	4,115	55.7	2.8448	5.3361	(2.4913)	(46.7)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	4,648,285	4,727,697	(79,412)	(1.7)	118,161	122,029	(3,868)	(3.2)	3.9339	3.8742	0.0597	1.5
9 TOTAL COST OF PURCHASED POWER	5,164,451	5,616,558	(452,107)	(8.1)	132,666	136,590	(3,924)	(2.9)	3.8928	4.1120	(0.2192)	(5.3)
10 TOTAL AVAILABLE MWH					2,859,059	2,823,947	35,112	1				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(400,504)	(1,314,217)	913,713	(69.5)	(30,258)	(30,794)	536	(1.7)	1.3236	4.2677	(2.9441)	(69.0)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(235,208)	(340,594)	105,386	(30.9)	(30,258)	(30,794)	536	(1.7)	0.7773	1.1060	(0.3287)	(29.7)
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	(1,234,663)	(2,419,137)	1,184,474	(49.0)	(76,765)	(43,916)	(32,849)	74.8	1.6084	5.5086	(3.9002)	(70.8)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,870,374)	(4,073,948)	2,203,573	(54.1)	(107,023)	(74,710)	(32,313)	43.3	1.7476	5.4530	(3.7054)	(68.0)
14 NET INADVERTENT AND WHEELED INTERCHANGE					12,404	0	12,404					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	86,901,312	106,090,199	(19,188,887)	(18.1)	2,764,440	2,749,237	15,203	0.6	3.1435	3.8589	(0.7154)	(18.5)
16 NET UNBILLED	(8,777,141)	(3,493,252)	(5,283,889)	151.3	279,212	90,525	188,687	208.4	(0.3089)	(0.1285)	(0.1804)	140.4
17 COMPANY USE	408,822	442,152	(33,330)	(7.5)	(13,005)	(11,458)	(1,547)	13.5	0.0144	0.0163	(0.0019)	(11.7)
18 T & D LOSSES	5,936,763	4,275,464	1,661,299	38.9	(188,856)	(110,795)	(78,061)	70.5	0.2089	0.1573	0.0516	32.8
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	86,901,312	106,090,199	(19,188,887)	(18.1)	2,841,791	2,717,509	124,283	4.6	3.0580	3.9040	(0.8460)	(21.7)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(34,116)	(34,905)	789	(2.3)	(1,116)	(894)	(222)	24.8	3.0580	3.9040	(0.8460)	(21.7)
21 JURISDICTIONAL KWH SALES	86,867,196	106,055,294	(19,188,098)	(18.1)	2,840,676	2,716,615	124,061	4.6	3.0580	3.9040	(0.8460)	(21.7)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	86,891,121	106,098,425	(19,207,303)	(18.1)	2,840,676	2,716,615	124,061	4.6	3.0588	3.9055	(0.8467)	(21.7)
23 PRIOR PERIOD TRUE-UP	46,240,813	46,240,813	(0)	0.0	2,840,676	2,716,615	124,061	4.6	1.6278	1.7021	(0.0743)	(4.4)
24 TOTAL JURISDICTIONAL FUEL COST	133,131,934	152,339,238	(19,207,304)	(12.6)	2,840,676	2,716,615	124,061	4.6	4.6866	5.6076	(0.9210)	(16.4)
25 GPIF	82,213	82,213	(1)	0.0	2,840,676	2,716,615	124,061	4.6	0.0029	0.0030	(0.0001)	(3.3)
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	1,289,423	2,869,022	(1,579,600)	(55.1)	2,840,676	2,716,615	124,061	4.6	0.0454	0.1056	(0.0602)	(57.0)
27 CLEAN ENERGY IMPACT (CEI)	15,002	(130,736)	145,739	(111.5)	2,840,676	2,716,615	124,061	4.6	0.0005	(0.0048)	0.0053	(110.4)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.735	5.711	(0.976)	(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 - FEBRUARY 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)	184,229,097	215,375,618	(31,146,521)	(14.5)	5,821,310	5,579,617	241,693	4.3	3.1647	3.8600	(0.6953)	(18.0)
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	2,864,512	1,991,471	873,040	43.8	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	187,093,609	217,367,089	(30,273,481)	(13.9)	5,821,310	5,579,617	241,693	4.3	3.2139	3.8957	(0.6818)	(17.5)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	1,193,407	696,275	497,132	71.4	9,461	9,667	(206)	(2.1)	12.6140	7.2027	5.4113	75.1
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)	1,271,759	549,073	722,686	131.6	30,295	10,305	19,990	194.0	4.1979	5.3284	(1.1305)	(21.2)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	8,712,014	10,509,745	(1,797,731)	(17.1)	249,439	270,332	(20,893)	(7.7)	3.4926	3.8877	(0.3951)	(10.2)
9 TOTAL COST OF PURCHASED POWER	11,177,181	11,755,093	(577,913)	(4.9)	289,194	290,303	(1,109)	(0.4)	3.8649	4.0492	(0.1843)	(4.6)
10 TOTAL AVAILABLE MWH					6,110,505	5,869,920	240,585	4.1				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,631,288)	(3,232,575)	1,601,287	(49.5)	(77,683)	(74,900)	(2,783)	3.7	2.0999	4.3158	(2.2159)	(51.3)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(900,594)	(837,758)	(62,836)	7.5	(77,683)	(74,900)	(2,783)	3.7	1.1593	1.1185	0.0408	3.7
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	(4,172,483)	(5,368,145)	1,195,662	(22.3)	(153,011)	(88,017)	(64,994)	73.8	2.7269	6.0990	(3.3721)	(55.3)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(6,704,365)	(9,438,478)	2,734,114	(29.0)	(230,694)	(162,918)	(67,776)	41.6	2.9062	5.7934	(2.8872)	(49.8)
14 NET INADVERTENT AND WHEELED INTERCHANGE					28,279	0	28,279					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	191,566,425	219,683,704	(28,117,280)	(12.8)	5,908,090	5,707,002	201,087	3.5	3.2424	3.8494	(0.6070)	(15.8)
16 NET UNBILLED	(9,076,901)	(14,568,860)	5,491,959	(37.7)	288,215	378,913	(90,698)	(23.9)	(0.1560)	(0.2500)	0.0940	(37.6)
17 COMPANY USE	928,616	1,065,506	(136,890)	(12.9)	(28,617)	(27,689)	(928)	3.4	0.0160	0.0183	(0.0023)	(12.6)
18 T & D LOSSES	11,322,836	8,847,520	2,475,316	28.0	(350,628)	(229,843)	(120,785)	52.6	0.1946	0.1518	0.0428	28.2
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	191,566,425	219,683,704	(28,117,280)	(12.8)	5,817,059	5,828,383	(11,324)	(0.2)	3.2932	3.7692	(0.4760)	(12.6)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(56,202)	(61,760)	5,558	(9.0)	(1,743)	(1,630)	(114)	7.0	3.2236	3.7900	(0.5664)	(14.9)
21 JURISDICTIONAL KWH SALES	191,510,223	219,621,945	(28,111,722)	(12.8)	5,815,316	5,826,754	(11,438)	(0.2)	3.2932	3.7692	(0.4760)	(12.6)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	191,576,705	219,711,261	(28,134,556)	(12.8)	5,815,316	5,826,754	(11,438)	(0.2)	3.2943	3.7707	(0.4764)	(12.6)
23 PRIOR PERIOD TRUE-UP	92,481,625	92,481,626	(1)	0.0	5,815,316	5,826,754	(11,438)	(0.2)	1.5903	1.5872	0.0031	0.2
24 TOTAL JURISDICTIONAL FUEL COST	284,058,330	312,192,887	(28,134,557)	(9.0)	5,815,316	5,826,754	(11,438)	(0.2)	4.8846	5.3579	(0.4733)	(8.8)
25 GPIF	164,425	164,426	(1)	0.0	5,815,316	5,826,754	(11,438)	(0.2)	0.0028	0.0028	0.0000	100.0
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	3,455,458	5,511,560	(2,056,102)	(37.3)	5,815,316	5,826,754	(11,438)	(0.2)	0.0594	0.0946	(0.0352)	159.3
27 CLEAN ENERGY IMPACT (CEI)	34,551	(208,685)	243,236	(116.6)	5,815,316	5,826,754	(11,438)	(0.2)	0.0006	(0.0036)	0.0042	(600.0)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.947	5.452	(0.504)	(9.3)

\*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  
FEBRUARY 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	\$81,700,894	103,553,620	(\$21,852,726)	(21.1)	\$184,229,097	\$215,375,618	(\$31,146,521)	(14.5)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(400,504)	(1,314,217)	913,713	(69.5)	(1,631,288)	(3,232,575)	1,601,287	(49.5)
2a. GAIN ON POWER SALES	(235,208)	(340,594)	105,386	(30.9)	(900,594)	(837,758)	(62,836)	7.5
3 . FUEL COST OF PURCHASED POWER	189,122	494,975	(305,853)	(61.8)	1,193,407	696,275	497,132	71.4
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	4,648,285	4,727,697	(79,412)	(1.7)	8,712,014	10,509,745	(1,797,731)	(17.1)
4 . ENERGY COST OF ECONOMY PURCHASES	327,044	393,887	(66,842)	(17.0)	1,271,759	549,073	722,686	131.6
5 . TOTAL FUEL & NET POWER TRANSACTIONS	86,229,634	107,515,367	(21,285,733)	(19.8)	192,874,396	223,060,378	(30,185,982)	(13.5)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,234,663)	(2,419,137)	1,184,474	(49.0)	(4,172,483)	(5,368,145)	1,195,662	(22.3)
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,906,341	993,969	912,372	91.8	2,864,512	1,991,471	873,040	43.8
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$86,901,312	\$106,090,199	(\$19,188,887)	(18.1)	\$191,566,425	\$219,683,704	(\$28,117,280)	(12.8)

FOOTNOTE: DETAIL OF LINE 6b ABOVE

N/A - Not used	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
N/A - Not used	0	0	0	0	0	0	0
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0	0	0	0	0
TANK BOTTOM ADJUSTMENT	0	0	0	0	(54,097)	0	(54,097)
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	0
FPD AGREEMENT TERMINATION	998,754	0	998,754	0	2,000,990	0	2,000,990
RAIL CAR SALE PROCEEDS	0	0	0	0	0	0	0
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0	0	0	0	0
NET METER SETTLEMENT	907,588	0	907,588	0	917,619	0	917,619
CR4 OUTAGE REPLACEMENT POWER	0	0	0	0	0	0	0
Derivative Collateral Interest	0	0	0	0	0	0	0
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,906,341	\$0	\$1,906,341	\$0	\$2,864,512	\$0	\$2,864,512

**B. KWH SALES**

1 . JURISDICTIONAL SALES	2,840,675,277	2,716,614,644	124,060,634	4.6	5,815,315,078	5,826,753,907	(11,438,828)	(0.2)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	1,115,655	894,106	221,549	24.8	1,743,472	1,629,539	113,933	7.0
3 . TOTAL SALES	2,841,790,932	2,717,508,750	124,282,183	4.6	5,817,058,550	5,828,383,446	(11,324,895)	(0.2)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.96	99.97	(0.01)	(0.0)	99.97	99.97	0.00	0.0



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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>C. TRUE UP CALCULATION</b>								
1. JURISDICTIONAL FUEL REVENUE	\$150,686,867	\$142,323,441	\$8,363,426	5.9	\$308,802,526	\$305,263,637	\$3,538,889	1.2
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(46,240,813)	(46,240,813)	0	0.0	(92,481,625)	(92,481,626)	1	0.0
2b. INCENTIVE PROVISION	(82,213)	(82,213)	1	0.0	(164,425)	(164,426)	1	0.0
2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	(1,289,423)	(2,869,022)	1,579,600	(55.1)	(3,455,458)	(5,511,560)	2,056,102	(37.3)
2d. CLEAN ENERGY IMPACT (CEI)	(15,002)	130,736	(145,739)	(111.5)	(34,551)	208,685	(243,236)	(116.6)
3. TOTAL JURISDICTIONAL FUEL REVENUE	103,059,417	93,262,129	9,797,288	10.5	212,666,466	207,314,710	5,351,756	2.6
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	86,901,312	106,090,199	(19,188,887)	(18.1)	191,566,425	219,683,704	(28,117,280)	(12.8)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.96	99.97	(0.01)	(0.0)	99.97	99.97	0.00	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00028 LOSS MULTIPLIER)	86,891,121	106,098,425	(19,207,303)	(18.1)	191,576,705	219,711,261	(28,134,556)	(12.8)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	16,168,296	(12,836,296)	29,004,592	(226.0)	21,089,761	(12,396,551)	33,486,312	(270.1)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(2,184,165)	(2,153,075)	(31,090)	1.4	(4,614,068)	(4,470,630)	(143,437)	3.2
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(525,359,527)	(510,526,750)	(14,832,777)	2.9	(574,091,902)	(554,889,752)	(19,202,151)	3.5
10. TRUE UP COLLECTED (REFUNDED)	46,240,813	46,240,813	(0)	0.0	92,481,625	92,481,626	(1)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(465,134,583)	(479,275,307)	14,140,724	(3.0)	(465,134,583)	(479,275,307)	14,140,724	(3.0)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$465,134,583)	(479,275,307)	14,140,724	(3.0)	(\$465,134,583)	(479,275,307)	14,140,724	(3.0)
<b>D. INTEREST PROVISION</b>								
1. BEGINNING TRUE UP (LINE C9)	(\$525,359,527)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(462,950,418)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(988,309,945)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(494,154,973)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	5.320	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	5.290	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	10.610	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	5.305	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.442	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$2,184,165)	N/A	--	--				

## A-3 Generating System Comparative Data Report

Report Period : 2/1/2024 to 2/1/2024

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	657,385	339,343	318,042	93.7 %
3 - COAL	6,642,830	15,440,048	(8,797,218)	(57.0 %)
4 - GAS	74,400,679	87,774,229	(13,373,550)	(15.2 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	81,700,894	103,553,620	(21,852,726)	(21.1 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	1,566	168	1,398	834.7 %
11 - COAL	140,334	397,667	(257,333)	(64.7 %)
12 - GAS	2,402,502	2,073,797	328,705	15.9 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	181,991	215,725	(33,734)	(15.6 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,726,393	2,687,357	39,036	1.5 %
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	4,679	1,931	2,748	142.3 %
19 - COAL (TON)	68,704	174,282	(105,578)	(60.6 %)
20 - GAS (MCF)	17,953,558	14,908,624	3,044,934	20.4 %
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	26,994	11,255	15,739	139.8 %
26 - COAL	1,516,850	4,006,603	(2,489,753)	(62.1 %)
27 - GAS	18,380,250	14,908,624	3,471,626	23.3 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	19,924,094	18,926,482	997,612	5.3 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.1	0.01	0.05	818.6 %
34 - COAL	5.1	14.80	(9.65)	(65.2 %)
35 - GAS	88.1	77.17	10.95	14.2 %
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	6.7	8.03	(1.35)	(16.8 %)
38	0.0	0	0.00	0.0 %

## A-3 Generating System Comparative Data Report

Report Period : 2/1/2024 to 2/1/2024

Duke Energy Florida, LLC

39 - TOTAL (% MWH)	100.0	100.0	0.00	0.0 %
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	140.50	175.73	(35.24)	(20.1 %)
42 - COAL (\$/TON)	96.69	88.59	8.10	9.1 %
43 - GAS (\$/MCF)	4.14	5.89	(1.74)	(29.6 %)
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	24.35	30.15	(5.80)	(19.2 %)
49 - COAL	4.38	3.85	0.53	13.6 %
50 - GAS	4.05	5.89	(1.84)	(31.2 %)
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)	4.10	5.47	(1.37)	(25.1 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	17,241	67,194	(49,953)	(74.3 %)
57 - COAL	10,809	10,075	734	7.3 %
58 - GAS	7,650	7,189	461	6.4 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,308	7,043	265	3.8 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	41.99	202.59	(160.61)	(79.3 %)
65 - COAL	4.73	3.88	0.85	21.9 %
66 - GAS	3.10	4.23	(1.14)	(26.8 %)
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)	3.00	3.85	(0.86)	(22.2 %)



## A-3 Generating System Comparative Data Report

Report Period : 1/1/2024 to 2/1/2024

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	1,874,368	632,311	1,242,057	196.4 %
3 - COAL	21,058,614	32,447,061	(11,388,447)	(35.1 %)
4 - GAS	161,296,115	182,296,246	(21,000,131)	(11.5 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	184,229,097	215,375,618	(31,146,521)	(14.5 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	2,626	230	2,396	1042.2 %
11 - COAL	466,372	839,156	(372,784)	(44.4 %)
12 - GAS	5,046,505	4,312,482	734,023	17.0 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	305,808	427,749	(121,941)	(28.5 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	5,821,310	5,579,617	241,693	4.3 %
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	12,400	3,461	8,939	258.3 %
19 - COAL (TON)	217,624	366,466	(148,842)	(40.6 %)
20 - GAS (MCF)	37,318,014	30,702,522	6,615,492	21.5 %
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	71,541	20,181	51,360	254.5 %
26 - COAL	4,901,802	8,420,650	(3,518,848)	(41.8 %)
27 - GAS	38,265,397	30,702,522	7,562,875	24.6 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	43,238,740	39,143,353	4,095,387	10.5 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.0	0.00	0.04	994.3 %
34 - COAL	8.0	15.04	(7.03)	(46.7 %)
35 - GAS	86.7	77.29	9.40	12.2 %
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	5.3	7.67	(2.41)	(31.5 %)
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 2/1/2024

Duke Energy Florida, LLC

### FUEL COST PER UNIT (\$)

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	151.16	182.70	(31.54)	(17.3 %)
42 - COAL (\$/TON)	96.77	88.54	8.23	9.3 %
43 - GAS (\$/MCF)	4.32	5.94	(1.62)	(27.2 %)
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	26.20	31.33	(5.13)	(16.4 %)
49 - COAL	4.30	3.85	0.44	11.5 %
50 - GAS	4.22	5.94	(1.72)	(29.0 %)
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)	4.26	5.50	(1.24)	(22.6 %)

### BTU BURNED PER KWH (BTU/KWH)

55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	27,243	87,782	(60,538)	(69.0 %)
57 - COAL	10,510	10,035	476	4.7 %
58 - GAS	7,583	7,119	463	6.5 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,428	7,015	412	5.9 %

### GENERATED FUEL COST PER KWH (CENTS/KWH)

63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	71.38	275.04	(203.66)	(74.0 %)
65 - COAL	4.52	3.87	0.65	16.8 %
66 - GAS	3.20	4.23	(1.03)	(24.4 %)
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)	3.16	3.86	(0.70)	(18.0 %)



# A-4 System Net Generation and Fuel Cost Report

Report Period : 2/1/2024 to 2/1/2024

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	0.35	45.66	19			0				0	0	0.000	
<b>Clearwater Marine Aquarium (Dolphin Solar)</b>													
TOTAL Unit 1	0.25	36.08	21			0				0	0	0.000	
<b>John Hopkins Solar</b>													
TOTAL Unit 1	0.825	102.60	18			0				0	0	0.000	
<b>Hines Floating Solar</b>													
TOTAL Unit 1	0.75	109.77	21			0				0	0	0.000	
<b>TOTAL Solar</b>	1,335.9	181,991.11				0				0	0	0.000	
<b>Steam</b>													
<b>Anclote</b>		58,622.00					Gas	637,436	1.025	653,372	2,709,641	4.622	4.251
TOTAL UNIT 1	521	58,622.00	16			11,146				653,372	2,709,641	4.622	
		106,276.00					Gas	1,241,428	1.025	1,272,460	5,277,117	4.965	4.251
TOTAL UNIT 2	514	106,276.00	30			11,973				1,272,460	5,277,117	4.965	
<b>Crystal River 4 &amp; 5</b>													
		140,334.00					Coal	68,704	22.078	1,516,850	6,642,830	4.734	96.688
		0.00					No 2	995	5.783	5,754	170,289	0.000	171.144
TOTAL UNIT 5	721	140,334.00	28			10,850				1,522,604	6,813,119	4.855	
<b>TOTAL Steam</b>	1,756	305,232.00				11,298				3,448,436	14,799,876	4.849	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
		502,383.00					Gas	3,711,021	1.020	3,785,242	13,559,344	2.699	3.654
TOTAL BCC	1,259	502,383.00	57			7,535				3,785,242	13,559,344	2.699	
<b>Bartow Peaker</b>													
		350.61					No 2	733	5.715	4,189	88,691	25.297	120.998
		1,668.39					Gas	19,446	1.025	19,933	82,711	4.958	4.253
TOTAL BAP	223	2,019.00	1			11,947				24,122	171,402	8.489	
<b>Bayboro Peaker</b>													
		277.20					No 2	661	5.715	3,778	81,884	29.540	123.879
TOTAL BYP	229	277.00	0			13,628				3,778	81,884	29.540	
<b>Citrus County</b>													
		630,536.00					Gas	4,139,793	1.030	4,263,988	21,811,468	3.459	5.269
TOTAL CCCC	1,854	630,536.00	49			6,762				4,263,988	21,811,468	3.459	
<b>Debary Peaker</b>													
		273.64					No 2	669	5.776	3,864	87,124	31.839	130.230
		1,175.06					Gas	16,174	1.026	16,595	68,835	5.858	4.256
TOTAL DEP	386	1,449.00	1			14,122				20,459	155,959	10.765	
<b>Hines Energy</b>													
		695,586.00					Gas	4,959,927	1.022	5,069,050	19,000,759	2.732	3.831
TOTAL HEP	1,617	695,586.00	62			7,287				5,069,050	19,000,759	2.732	
<b>Intercession City Peaker</b>													
		663.90					No 2	1,621	5.804	9,408	229,397	34.553	141.516
		13,238.10					Gas	182,310	1.029	187,598	672,779	5.082	3.690
TOTAL ICP	1,198	13,902.00	2			14,171				197,006	902,176	6.490	
<b>Osprey</b>													
		215,615.00					Gas	1,568,998	1.021	1,601,950	5,726,849	2.656	3.650
TOTAL OSP	611	215,615.00	51			7,430				1,601,950	5,726,849	2.656	
<b>Suwannee Peaker</b>													
		8,025.30					Gas	104,604	1.025	107,219	444,866	5.543	4.253

# A-4 System Net Generation and Fuel Cost Report

Report Period : 2/1/2024 to 2/1/2024

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 SRP	203	8,025.00	6			13,360				107,219	444,866	5.543	
<b>Tiger Bay Cogen</b>		138,851.00					Gas	1,051,891	1.021	1,073,980	3,838,032	2.764	3.649
TOTAL TBP	230	138,851.00	87			7,735				1,073,980	3,838,032	2.764	
<b>Univ of Florida Cogen</b>		30,526.90					Gas	320,530	1.026	328,864	1,208,277	3.958	3.770
TOTAL UFP	50	30,527.00	88			10,773				328,864	1,208,277	3.958	
<b>TOTAL Gas Turbine</b>	7,860	2,239,170.00				7,358				16,475,657	66,901,018	2.988	0.000
<b>SYSTEM TOTAL</b>	10,951.9	2,726,393.11				7,309				19,924,093	81,700,894	2.997	



# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2024 to 2/1/2024

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	0.35	77.04	15			0				0	0	0.000	
<b>Clearwater Marine Aquarium (Dolphin Solar)</b>													
TOTAL Unit 1	0.25	59.52	17			0				0	0	0.000	
<b>John Hopkins Solar</b>													
TOTAL Unit 1	0.825	160.75	14			0				0	0	0.000	
<b>Hines Floating Solar</b>													
TOTAL Unit 1	0.75	174.38	16			0				0	0	0.000	
<b>TOTAL Solar</b>	1,335.9	305,807.69				0				0	0	0.000	
<b>Steam</b>													
<b>Anclote</b>		81,909.00					Gas	904,789	1.025	927,676	3,959,784	4.834	4.376
TOTAL UNIT 1	521	81,909.00	11			11,326				927,676	3,959,784	4.834	
		206,474.00					Gas	2,408,449	1.025	2,469,824	10,734,110	5.199	4.457
TOTAL UNIT 2	514	206,474.00	28			11,962				2,469,824	10,734,110	5.199	
<b>Crystal River 4 &amp; 5</b>													
		64,473.00					Coal	31,870	22.730	724,405	3,085,086	4.785	96.802
		0.00					No 2	2,436	5.782	14,086	421,379	0.000	172.980
TOTAL UNIT 4	721	64,473.00	6			11,454				738,491	3,506,465	5.439	
		401,899.00					Coal	185,754	22.489	4,177,397	17,973,528	4.472	96.760
		0.00					No 2	3,496	5.782	20,215	602,911	0.000	172.457
TOTAL UNIT 5	721	401,899.00	39			10,444				4,197,612	18,576,439	4.622	
<b>TOTAL Steam</b>	1,756	754,755.00				11,041				8,333,602	36,776,798	4.873	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
		976,217.00					Gas	7,374,661	1.021	7,533,146	29,014,609	2.972	3.934
TOTAL BCC	1,259	976,217.00	54			7,717				7,533,146	29,014,609	2.972	
<b>Bartow Peaker</b>													
		575.57					No 2	1,576	5.712	9,002	189,927	32.998	120.512
		3,021.43					Gas	38,776	1.026	39,765	173,023	5.727	4.462
TOTAL BAP	223	3,597.00	1			13,161				48,767	362,950	10.090	
<b>Bayboro Peaker</b>													
		563.60					No 2	1,352	5.710	7,720	167,326	29.689	123.762
TOTAL BYP	229	564.00	0			13,697				7,720	167,326	29.689	
<b>Citrus County</b>													
		1,818,567.00					Gas	11,944,468	1.031	12,310,608	58,483,834	3.216	4.896
TOTAL CCCC	1,854	1,818,567.00	68			6,769				12,310,608	58,483,834	3.216	
<b>Debary Peaker</b>													
		314.47					No 2	707	5.776	4,084	92,065	29.276	130.219
		2,547.23					Gas	32,239	1.026	33,077	152,226	5.976	4.722
TOTAL DEP	386	2,862.00	1			12,986				37,161	244,291	8.537	
<b>Hines Energy</b>													
		1,337,614.00					Gas	9,501,059	1.023	9,719,169	39,011,010	2.916	4.106
TOTAL HEP	1,617	1,337,614.00	57			7,266				9,719,169	39,011,010	2.916	
<b>Intercession City Peaker</b>													
		1,171.83					No 2	2,833	5.802	16,436	400,760	34.200	141.461
		29,527.17					Gas	402,685	1.028	414,142	1,605,287	5.437	3.986
TOTAL ICP	1,198	30,699.00	2			14,026				430,578	2,006,047	6.535	
<b>Osprey</b>													



# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2024 to 2/1/2024

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 OSP	611	304,974.00	35			7,550	Gas	2,252,572	1.022	2,302,614	8,650,043	2.836	3.840
<b>Suwannee Peaker</b>													
TOTAL SRP	203	15,952.60	5			13,523	Gas	210,354	1.026	215,720	938,881	5.885	4.463
<b>Tiger Bay Cogen</b>													
TOTAL TBP	230	201,868.00	61			7,845	Gas	1,550,163	1.022	1,583,712	5,929,904	2.938	3.825
<b>Univ of Florida Cogen</b>													
TOTAL UFP	50	67,831.60	94			10,555	Gas	697,799	1.026	715,942	2,643,404	3.897	3.788
<b>TOTAL Gas Turbine</b>	7,860	4,760,747.00				7,332				34,905,138	147,452,299	3.097	0.000
<b>SYSTEM TOTAL</b>	10,951.9	5,821,309.69				7,428				43,238,740	184,229,097	3.165	

# A-5 System Generation Fuel Cost Report

Report Period : 2/1/2024 to 2/1/2024

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)	3,570	1,931	1,639	84.9%
20 - UNIT COST (\$/BBL)	166.27	175.73	(9.47)	(5.4%)
21 - AMOUNT (\$)	593,567	339,343	254,224	74.9%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	4,679	1,931	2,748	142.3%
24 - UNIT COST (\$/BBL)	140.50	175.73	(35.24)	(20.1%)
25 - AMOUNT (\$)	657,385	339,343	318,042	93.7%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	560,825	529,066	31,759	6.0%
31 - UNIT COST (\$/BBL)	127.12	124.46	2.66	2.1%
32 - AMOUNT (\$)	71,291,798	65,845,159	5,446,639	8.3%
33 -				
34 - DAYS SUPPLY	3,475	8,220	(4,744)	(57.7%)

# A-5 System Generation Fuel Cost Report

Report Period : 2/1/2024 to 2/1/2024

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)	134,510	174,282	(39,772)	(22.8%)
37 - UNIT COST (\$/TON)	96.26	88.59	7.67	8.7%
38 - AMOUNT (\$)	12,948,208	15,440,048	(2,491,840)	(16.1%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	68,704	174,282	(105,578)	(60.6%)
41 - UNIT COST (\$/TON)	96.69	88.59	8.10	9.1%
42 - AMOUNT (\$)	6,642,830	15,440,048	(8,797,218)	(57.0%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	565,723	460,231	105,492	22.9%
48 - UNIT COST (\$/TON)	96.69	105.12	(8.43)	(8.0%)
49 - AMOUNT (\$)	54,698,423	48,378,047	6,320,376	13.1%
50 -				
51 - DAYS SUPPLY	239	79	160	201.4%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	17,953,558	14,908,624	3,044,934	20.4%
54 - UNIT COST (\$/MCF)	4.14	5.89	(1.74)	(29.6%)
55 - AMOUNT (\$)	74,400,679	87,774,229	(13,373,550)	(15.2%)
<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 2/1/2024

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%

## LIGHT OIL

### 18 - PURCHASES

19 - UNITS (BBL)	7,127	3,461	3,666	105.9%
20 - UNIT COST (\$/BBL)	165.59	182.70	(17.11)	(9.4%)
21 - AMOUNT (\$)	1,180,125	632,311	547,814	86.6%

### 22 - BURNED

23 - UNITS (BBL)	12,400	3,461	8,939	258.3%
24 - UNIT COST (\$/BBL)	151.16	182.70	(31.54)	(17.3%)
25 - AMOUNT (\$)	1,874,368	632,311	1,242,057	196.4%

### 26 - ADJUSTMENTS

27 - UNITS (BBL)	437			
28 - AMOUNT (\$)	54,097			

### 29 - ENDING INVENTORY

30 - UNITS (BBL)	560,825	529,066	31,759	6.0%
31 - UNIT COST (\$/BBL)	127.12	124.46	2.66	2.1%
32 - AMOUNT (\$)	71,291,798	65,845,159	5,446,639	8.3%
33 -				

# A-5 System Generation Fuel Cost Report

Report Period : 1/1/2024 to 2/1/2024

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)	287,806	366,466	(78,660)	(21.5%)
37 - UNIT COST (\$/TON)	102.51	88.54	13.97	15.8%
38 - AMOUNT (\$)	29,503,925	32,447,061	(2,943,136)	(9.1%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	217,624	366,466	(148,842)	(40.6%)
41 - UNIT COST (\$/TON)	96.77	88.54	8.23	9.3%
42 - AMOUNT (\$)	21,058,614	32,447,061	(11,388,447)	(35.1%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	565,723	460,231	105,492	22.9%
48 - UNIT COST (\$/TON)	96.69	105.12	(8.43)	(8.0%)
49 - AMOUNT (\$)	54,698,423	48,378,047	6,320,376	13.1%
50 -				
<b>51 - DAYS SUPPLY</b>	0	0	0	0.0%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	37,318,014	30,702,522	6,615,492	21.5%
54 - UNIT COST (\$/MCF)	4.32	5.94	(1.62)	(27.2%)
55 - AMOUNT (\$)	161,296,115	182,296,246	(21,000,131)	(11.5%)
<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  
FEBRUARY 2024

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	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>		30,794		30,794	4.268	5.374	1,314,217.00	1,654,811	340,594.00
<b>ACTUAL</b>									
Constellation Energy Generation, LLC	InternationalSwapsDe	350		350	1.051	1.728	3,678.06	6,046.82	2,368.76
Dominion Energy South Carolina, Inc.		2,109		2,109	1.149	1.469	24,227.18	30,974.21	6,747.03
LGE/KU		2,213		2,213	0.962	1.204	21,294.63	26,644.61	5,349.98
Oglethorpe Power Corporation		40		40	1.707	4.458	682.80	1,783.35	1,100.55
PJM Settlements, Inc	MR1	175		175	3.004	4.031	5,256.36	7,054.71	1,798.35
Reedy Creek Improvement District	CR-1	1,345		1,345	1.610	2.169	21,651.30	29,171.25	7,519.95
Southern Company Services, Inc.	EI	2,368		2,368	1.171	1.307	27,719.25	30,959.12	3,239.87
Tampa Electric Company		325		325	1.413	1.728	4,592.24	5,615.36	1,023.12
Tennessee Valley Authority		1,804		1,804	1.096	1.403	19,776.15	25,318.35	5,542.20
The Energy Authority	EI	9,982		9,982	1.232	1.808	122,989.83	180,432.09	57,442.26
The Energy Authority	Schedule OS	9,541		9,541	1.558	2.222	148,635.97	212,019.19	63,383.22
<b>Adjustments</b>									
PJM Settlements, Inc								(98.99)	(98.99)
Reedy Creek Improvement District								898.10	898.10
Southern Company Services, Inc.								9,995.59	9,995.59
The Energy Authority		6						92,324.40	92,324.40
Rainbow Energy Marketing Corporation								471.67	471.67
Rainbow Energy Marketing								(471.67)	(471.67)
Duke Energy Car T								(514.62)	(514.62)
Duke Energy FL T								(15,809.18)	(15,809.18)
MEAGPOWER								(1,954.48)	(1,954.48)
SOUTHERN COMPANY								(3,935.37)	(3,935.37)
Duke Energy Prog T								(91.82)	(91.82)
Georgia Trans Corp								(557.90)	(557.90)
SC Public Svc Auth								(314.79)	(314.79)
Tennessee Valley A. T								(248.57)	(248.57)
<b>Subtotal - Gain on Other Power Sales</b>		30,258		30,252	1.324	2.101	400,503.77	635,711.44	235,207.67
<b>CURRENT MONTH TOTAL</b>		30,258		30,252	1.324	2.101	400,503.77	635,711.44	235,207.67
<b>DIFFERENCE</b>		(536)		(542)	(2.944)	(3.273)	(913,713.23)	(1,019,099.56)	(105,386.33)
<b>DIFFERENCE %</b>		(1.74)		(1.76)	(68.99)	(60.90)	(69.53)	(61.58)	(30.94)
<b>CUMULATIVE ACTUAL</b>		77,683		79,869	2.100	3.259	1,631,287.62	2,531,881.19	900,593.57
<b>CUMULATIVE ESTIMATED</b>		74,900		74,900	4.316	5.434	3,232,575.00	4,070,333.00	837,758.00
<b>DIFFERENCE</b>		2,783		4,969	-2.216	(2.175)	(1,601,287.38)	(1,538,451.81)	62,835.57
<b>DIFFERENCE %</b>		3.72		6.63	(51.34)	(40.02)	(49.54)	(37.80)	7.50

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
FEBRUARY 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>		7,180			7,180	6.894	6.894	494,975.04	494,975.04
<b>ACTUAL</b>									
Shady Hills Power Company, LLC	TOLL	-			-	-	-	-	-
Vandolah Power Co. LLC (Northern Star)	TOLL	3,028			3,028	11.316	11.316	342,650.90	342,650.90
<b>ADJUSTMENTS</b>									
Shady Hills Power Company, LLC	TOLL	7			7	(783.739)	(783.739)	(54,861.75)	(54,861.75)
Vandolah Power Co. LLC (Northern Star)	TOLL	(26)			(26)	379.489	379.489	(98,667.08)	(98,667.08)
CURRENT MONTH TOTAL		3,009			3,009	6.285	6.285	189,122.07	189,122.07
DIFFERENCE		(4,171)			(4,171)	(0.609)	(0.609)	(305,852.97)	(305,852.97)
DIFFERENCE %		(58)			(58)	(8.831)	(8.831)	(61.79)	(61.79)
CUMULATIVE ACTUAL		9,461			9,461	12.614	12.614	1,193,407.200	1,193,407.200
CUMULATIVE ESTIMATED		9,667			9,667	7.203	7.203	696,274.95	696,274.95
DIFFERENCE		(206)			(206)	5.411	5.411	497,132.25	497,132.25
DIFFERENCE %		(2)			(2)	75.127	75.127	71.40	71.40



DUKE ENERGY FLORIDA, LLC  
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES  
FOR THE MONTH OF:  
FEBRUARY 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		122,029			122,029	3.874	25.463	4,727,696.51
ACTUAL								
Lake County (LAKCOUNT) ADJ	CO-GEN	291 -			291 -	3.719	3.719	10,823.00 6,482.84
G2 Energy Marion County LLC ADJ	CO-GEN	11 34			11 34	2.009	2.009	221.04 683.20
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,397 -			1,397 -	4	3.549	49,575.45 24,600.86
Orange Cogen (ORANGECO) ADJ	CO-GEN	28,198 -			28,198 -	5	30.951	1,529,751.06 13,222.13
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	15,367 -			15,367 -	2.826	21.401	434,252.46 105,090.10
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	0 (11)			0 (11)	2.535	2.535	5.83 (256.20)
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	38,868 -			38,868 -	2.835	20.321	1,101,962.92 251,420.69
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	34,006 -			34,006 -	3.031	32.308	1,030,870.74 89,578.90
CURRENT MONTH TOTAL		118,161			118,161	3.934	26.230	4,648,285.00
DIFFERENCE		(3,868)			(3,868)	0.060	0.766	(79,411.51)
DIFFERENCE %		(3.17)			(3.17)	1.54	3.01	(1.68)
CUMULATIVE ACTUAL		249,439			249,439	3.493	24.061	8,712,014.32
CUMULATIVE ESTIMATED		270,332			270,332	3.888	23.379	10,509,744.96
CUMULATIVE DIFFERENCE		(20,893)			(20,893)	(0.395)	0.683	(1,797,730.64)
CUMULATIVE DIFFERENCE %		(7.73)			(7.73)	(10.16)	2.92	(17.11)

**DUKE ENERGY FLORIDA, LLC  
SCHEDULE A9**

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

(1) <b>PURCHASED FROM</b>	(2) <b>TYPE &amp; &amp; SCHEDULE</b>	(3) <b>TOTAL KWH PURCHASED (000)</b>	(4) <b>ENERGY COST C/KWH</b>	(5) <b>TOTAL AMOUNT FOR FUEL ADJ \$</b>	(6) <b>COST IF GENERATED C/KWH</b>	(7) <b>COST IF GENERATED \$</b>	(8) <b>FUEL SAVINGS \$</b>
ESTIMATED		7,382	5.336	393,886.62	5.994	442,443.00	48,556.38
<b>ACTUAL:</b>							
SubTotal - Energy Purchases (Broker)							
SEPA		3,178	4.010	127,444.38	4.010	127,444.38	-
Associated Electric Cooperative, Inc.		9	2.001	180.09	2.373	213.57	33.48
Dominion Energy South Carolina, Inc.		218	1.895	4,131.15	2.217	4,833.52	702.37
Florida Power & Light Company		1,100	3.927	43,200.00	4.217	46,387.00	3,187.00
NCEMC		99	1.793	1,775.18	2.084	2,063.09	287.91
Oglethorpe Power Corporation		167	1.379	2,303.41	1.675	2,797.63	494.22
Southern Company Services, Inc.	EEl	2,879	4.072	60,277.75	2.573	74,077.44	13,799.69
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0.000	1,891.08	0.000	-	(1,891.08)
Tampa Electric Company		3,815	1.541	58,775.49	1.931	73,651.53	14,876.04
The Energy Authority	EEl	31	1.408	436.55	1.898	588.42	151.87
<b>ADJUSTMENTS</b>							
Florida Power & Light Company				14,468.00			(14,468.00)
Southern Company Services, Inc.				162.28			(162.28)
Jacksonville Electric Authority				6,433.50			(6,433.50)
PJM Settlement Inc.				173.63			(173.63)
Seminole Electric Coop Inc.				680.52			(680.52)
Tennessee Valley Authority Transmission				248.57			(248.57)
South Carolina Public Service Authority				314.79			(314.79)
Georgia Transmission Corporation				557.90			(557.90)
Duke Electric Transmission				3,590.00			(3,590.00)
SubTotal - Energy Purchases (Non-Broker)							
		11,496	2.845	327,044.27	2.888	332,056.58	5,012.31
CURRENT MONTH TOTAL		11,496	2.845	327,044.27	2.888	332,056.58	5,012.31
DIFFERENCE		4,115	(2.491)	(66,842.35)	(3.105)	(110,386.42)	(43,544.07)
DIFFERENCE %		56	(46.687)	(16.97)	(51.811)	(24.95)	(89.68)
CUMULATIVE ACTUAL		30,295	4.198	1,271,759.08	4.746	1,437,675.58	5,012.31
CUMULATIVE ESTIMATED		10,305	5.328	549,073.37	4.297	442,760.00	48,556.38
DIFFERENCE		19,990	(1.130)	722,685.71	0.449	994,915.58	(43,544.07)
DIFFERENCE %		194	(21.216)	131.62	10.447	224.71	(89.68)

