



Stephanie A. Cuello
SENIOR COUNSEL

November 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 October 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 November, 2024.

s/ Stephanie A. Cuello

Stephanie A. Cuello

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

OCTOBER 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)	101,519,808	110,838,174	(9,318,366)	(8.4)	3,375,090	3,499,467	(124,377)	(3.6)	3.0079	3.1673	(0.1594)	(5.0)
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	975,887	969,691	6,196	0.6	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	102,495,695	111,807,865	(9,312,170)	(8.3)	3,375,090	3,499,467	(124,377)	(3.6)	3.0368	3.1950	(0.1582)	(5.0)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	3,733,300	2,729,469	1,003,831	36.8	68,361	58,223	10,138	17.4	5.4612	4.6880	0.7732	16.5
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)	8,866,490	1,537,993	7,328,497	476.5	122,598	29,303	93,295	318.4	7.2322	5.2485	1.9837	37.8
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	1,936,228	2,982,520	(1,046,291)	(35.1)	58,213	73,312	(15,099)	(20.6)	3.3261	4.0683	(0.7422)	(18.2)
9 TOTAL COST OF PURCHASED POWER	14,536,019	7,249,982	7,286,037	100.5	249,172	160,838	88,334	54.9	5.8337	4.5076	1.3261	29.4
10 TOTAL AVAILABLE MWH					3,624,262	3,660,305	(36,043)	(1)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(903,695)	(1,045,933)	142,238	(13.6)	(57,286)	(31,650)	(25,637)	81.0	1.5775	3.3047	(1.7272)	(52.3)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(17,803)	(296,397)	278,594	(94.0)	(57,286)	(31,650)	(25,637)	81.0	0.0311	0.9365	(0.9054)	(96.7)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	3,561	59,279	(55,719)	(94.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(4,362,776)	(3,466,706)	(896,070)	25.9	(187,605)	(114,748)	(72,857)	63.5	2.3255	3.0211	(0.6956)	(23.0)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(5,280,713)	(4,749,757)	(530,956)	11.2	(244,891)	(146,397)	(98,494)	67.3	2.1564	3.2444	(1.0880)	(33.5)
14 NET INADVERTENT AND WHEELED INTERCHANGE					19,682	0	19,682					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	111,751,000	114,308,090	(2,557,090)	(2.2)	3,399,053	3,513,907	(114,854)	(3.3)	3.2877	3.2530	0.0347	1.1
16 NET UNBILLED	(15,164,154)	(7,289,278)	(7,874,876)	108.0	461,238	224,077	237,160	105.8	(0.4253)	(0.2051)	(0.2202)	107.4
17 COMPANY USE	252,635	396,357	(143,722)	(36.3)	(7,684)	(12,184)	4,500	(36.9)	0.0071	0.0112	(0.0041)	(36.6)
18 T & D LOSSES	9,426,345	5,589,902	3,836,443	68.6	(286,715)	(171,837)	(114,877)	66.9	0.2643	0.1573	0.1070	68.0
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	111,751,000	114,308,090	(2,557,090)	(2.2)	3,565,892	3,553,963	11,929	0.3	3.1339	3.2164	(0.0825)	(2.6)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(250)	(643)	393	(61.1)	(8)	(20)	12	(60.1)	3.1339	3.2164	(0.0825)	(2.6)
21 JURISDICTIONAL KWH SALES	111,750,750	114,307,447	(2,556,697)	(2.2)	3,565,884	3,553,943	11,941	0.3	3.1339	3.2164	(0.0825)	(2.6)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	111,781,529	114,338,930	(2,557,401)	(2.2)	3,565,884	3,553,943	11,941	0.3	3.1347	3.2172	(0.0825)	(2.6)
23 PRIOR PERIOD TRUE-UP	26,782,777	26,782,777	(0)	0.0	3,565,884	3,553,943	11,941	0.3	0.7511	0.7536	(0.0025)	(0.3)
24 TOTAL JURISDICTIONAL FUEL COST	138,564,306	141,121,707	(2,557,401)	(1.8)	3,565,884	3,553,943	11,941	0.3	3.8858	3.9708	(0.0850)	(2.1)
25 GPIF	82,213	82,213	(1)	0.0	3,565,884	3,553,943	11,941	0.3	0.0023	0.0023	0.0000	0.0
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	2,803,763	4,321,818	(1,518,054)	(35.1)	3,565,884	3,553,943	11,941	0.3	0.0786	0.1216	(0.0430)	(35.4)
27 CLEAN ENERGY IMPACT (CEI)	6,313	(17,340)	23,653	(136.4)	3,565,884	3,553,943	11,941	0.3	0.0002	(0.0005)	0.0007	(140.0)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.967	4.094	(0.127)	(3.1)

*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 - OCTOBER 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)	1,032,117,011	1,084,361,986	(52,244,975)	(4.8)	37,283,034	36,858,893	424,141	1.2	2.7683	2.9419	(0.1736)	(5.9)
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	13,091,655	13,664,758	(573,103)	(4.2)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	1,045,208,665	1,098,026,743	(52,818,078)	(4.8)	37,283,034	36,858,893	424,141	1.2	2.8034	2.9790	(0.1756)	(5.9)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	31,777,675	25,421,903	6,355,772	25.0	640,154	521,150	119,004	22.8	4.9641	4.8780	0.0861	1.8
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)	25,523,584	18,353,353	7,170,230	39.1	398,230	303,095	95,135	31.4	6.4093	6.0553	0.3540	5.9
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	34,252,319	38,547,723	(4,295,404)	(11.1)	1,043,501	1,091,965	(48,464)	(4.4)	3.2824	3.5301	(0.2477)	(7.0)
9 TOTAL COST OF PURCHASED POWER	91,553,578	82,322,979	9,230,599	11.2	2,081,885	1,916,210	165,675	8.7	4.3976	4.2961	0.1015	2.4
10 TOTAL AVAILABLE MWH					39,364,919	38,775,103	589,816	1.5				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(9,290,504)	(9,964,241)	673,737	(6.8)	(537,709)	(441,037)	(96,672)	21.9	1.7278	2.2593	(0.5315)	(23.5)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(4,018,961)	(4,294,509)	275,547	(6.4)	(537,709)	(441,037)	(96,672)	21.9	0.7474	0.9737	(0.2263)	(23.2)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	42,497	97,607	(55,109)	(56.5)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(46,067,615)	(48,639,282)	2,571,667	(5.3)	(1,735,286)	(1,748,781)	13,495	(0.8)	2.6548	2.7813	(0.1265)	(4.6)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(59,334,582)	(62,800,425)	3,465,842	(5.5)	(2,272,995)	(2,189,819)	(83,177)	3.8	2.6104	2.8678	(0.2574)	(9.0)
14 NET INADVERTENT AND WHEELED INTERCHANGE					202,828	106,708	96,120					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	1,077,427,661	1,117,549,297	(40,121,637)	(3.6)	37,294,752	36,691,992	602,759	1.6	2.8890	3.0458	(0.1568)	(5.2)
16 NET UNBILLED	(6,216,928)	(4,052,387)	(2,164,541)	53.4	52,481	(55,127)	107,609	(195.2)	(0.0176)	(0.0117)	(0.0059)	50.4
17 COMPANY USE	3,015,246	3,359,426	(344,180)	(10.3)	(104,232)	(110,615)	6,383	(5.8)	0.0086	0.0097	(0.0011)	(11.3)
18 T & D LOSSES	58,872,267	54,901,591	3,970,676	7.2	(1,990,277)	(1,756,435)	(233,842)	13.3	0.1670	0.1579	0.0091	5.8
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,077,427,661	1,117,549,297	(40,121,637)	(3.6)	35,252,723	34,769,814	482,909	1.4	3.0563	3.2141	(0.1578)	(4.9)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(456,472)	(457,890)	1,418	(0.3)	(16,912)	(16,951)	39	(0.2)	2.6991	2.7012	(0.0021)	(0.1)
21 JURISDICTIONAL KWH SALES	1,076,971,189	1,117,091,407	(40,120,219)	(3.6)	35,235,811	34,752,863	482,948	1.4	3.0565	3.2144	(0.1579)	(4.9)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	1,077,281,551	1,117,412,821	(40,131,269)	(3.6)	35,235,811	34,752,863	482,948	1.4	3.0573	3.2153	(0.1580)	(4.9)
23 PRIOR PERIOD TRUE-UP	365,117,947	365,117,950	(3)	0.0	35,235,811	34,752,863	482,948	1.4	1.0362	1.0506	(0.0144)	(1.4)
24 TOTAL JURISDICTIONAL FUEL COST	1,442,399,498	1,482,530,771	(40,131,272)	(2.7)	35,235,811	34,752,863	482,948	1.4	4.0935	4.2659	(0.1724)	(4.0)
25 GPIF	822,125	822,130	(5)	0.0	35,235,811	34,752,863	482,948	1.4	0.0023	0.0024	(0.0001)	104.4
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	34,627,701	34,999,174	(371,473)	(1.1)	35,235,811	34,752,863	482,948	1.4	0.0983	0.1007	(0.0024)	102.4
27 CLEAN ENERGY IMPACT (CEI)	115,081	67,660	47,421	70.1	35,235,811	34,752,863	482,948	1.4	0.0003	0.0002	0.0001	66.7
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.194	4.369	(0.175)	(4.0)

*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
OCTOBER 2024

	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	\$101,519,808	110,838,174	(\$9,318,366)	(8.4)	\$1,032,117,011	\$1,084,361,986	(\$52,244,975)	(4.8)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(903,695)	(1,045,933)	142,238	(13.6)	(9,290,504)	(9,964,241)	673,737	(6.8)
2a. GAIN ON POWER SALES	(14,242)	(237,118)	222,875	(94.0)	(3,976,464)	(4,196,902)	220,438	(5.3)
3 . FUEL COST OF PURCHASED POWER	3,733,300	2,729,469	1,003,831	36.8	31,777,675	25,421,903	6,355,772	25.0
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	1,936,228	2,982,520	(1,046,291)	(35.1)	34,252,319	38,547,723	(4,295,404)	(11.1)
4 . ENERGY COST OF ECONOMY PURCHASES	8,866,490	1,537,993	7,328,497	476.5	25,523,584	18,353,353	7,170,230	39.1
5 . TOTAL FUEL & NET POWER TRANSACTIONS	115,137,889	116,805,105	(1,667,216)	(1.4)	1,110,403,621	1,152,523,822	(42,120,201)	(3.7)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(4,362,776)	(3,466,706)	(896,070)	25.9	(46,067,615)	(48,639,282)	2,571,667	(5.3)
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	975,887	969,691	6,196	0.6	13,091,655	13,664,758	(573,103)	(4.2)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$111,751,000	\$114,308,090	(\$2,557,090)	(2.2)	\$1,077,427,661	\$1,117,549,297	(\$40,121,637)	(3.6)
FOOTNOTE: DETAIL OF LINE 6b ABOVE								
NA - Not used	\$0	\$0	\$0		\$0	\$0	\$0	
NA - Not used	0	0	0		0	0	0	
SHADY HILLS INVENTORY GAIN ON SALE	0	0	0		(73,598)	0	(73,598)	
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0		0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0		(552,435)	0	(552,435)	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0		2,867,119	0	2,867,119	
FPD AGREEMENT TERMINATION	969,688	0	969,688		9,867,866	0	9,867,866	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0		0	0	0	
NET METER SETTLEMENT	6,199	0	6,199		982,702	0	982,702	
CR4 OUTAGE REPLACEMENT POWER	0	0	0		0	0	0	
Derivative Collateral Interest	0	0	0		0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$975,887	\$0	\$975,887		\$13,091,655	\$0	\$13,091,655	
B. KWH SALES								
1 . JURISDICTIONAL SALES	3,565,883,490	3,553,942,870	11,940,620	0.3	35,235,809,678	34,752,863,144	482,946,534	1.4
2 . NON JURISDICTIONAL (WHOLESALE) SALES	7,989	20,000	(12,011)	(60.1)	16,912,318	16,951,262	(38,944)	(0.2)
3 . TOTAL SALES	3,565,891,479	3,553,962,870	11,928,609	0.3	35,252,721,996	34,769,814,406	482,907,590	1.4
4 . JURISDICTIONAL SALES % OF TOTAL SALES	100.00	100.00	(0.00)	0.0	99.95	99.95	0.00	0.0

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$164,624,601	\$165,720,356	(\$1,095,755)	(0.7)	\$1,727,649,268	\$1,705,120,348	\$22,528,920	1.3
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	(365,117,947)	(365,117,950)	3	0.0
2b. INCENTIVE PROVISION	(82,213)	(82,213)	1	0.0	(822,125)	(822,130)	5	0.0
2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	(2,803,763)	(4,321,818)	1,518,054	(35.1)	(34,627,701)	(34,999,174)	371,473	(1.1)
2d. CLEAN ENERGY IMPACT (CEI)	(6,313)	17,340	(23,653)	(136.4)	(115,081)	(67,660)	(47,421)	70.1
3. TOTAL JURISDICTIONAL FUEL REVENUE	134,949,536	134,550,889	398,648	0.3	1,326,966,415	1,304,113,434	22,852,981	1.8
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	111,751,000	114,308,090	(2,557,090)	(2.2)	1,077,427,661	1,117,549,297	(40,121,637)	(3.6)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	100.00	100.00	(0.00)	0.0	99.95	99.95	0.00	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00028 LOSS MULTIPLIER)	111,781,529	114,338,930	(2,557,401)	(2.2)	1,077,281,551	1,117,412,821	(40,131,269)	(3.6)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	23,168,008	20,211,959	2,956,049	14.6	249,684,863	186,700,613	62,984,250	33.7
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	13,516	(259,887)	273,403	(105.2)	(12,368,088)	(13,022,225)	654,137	(5.0)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(21,621,481)	(82,030,413)	60,408,933	(73.6)	(574,091,902)	(574,091,902)	0	0.0
10. TRUE UP COLLECTED (REFUNDED)	26,782,777	26,782,777	(0)	0.0	365,117,947	365,117,950	(3)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	28,342,820	(35,295,565)	63,638,384	(180.3)	28,342,820	(35,295,565)	63,638,384	(180.3)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$28,342,820	(35,295,565)	63,638,384	(180.3)	\$28,342,820	(35,295,565)	63,638,384	(180.3)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$21,621,481)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	28,329,303	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	6,707,822	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	3,353,911	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	4.910	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	4.750	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	9.660	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	4.830	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.403	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$13,516	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 10/1/2024 to 10/1/2024

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	438,378	595,910	(157,532)	(26.4 %)
3 - COAL	0	16,954,400	(16,954,400)	(100.0 %)
4 - GAS	101,081,430	93,287,864	7,793,566	8.4 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	101,519,808	110,838,174	(9,318,366)	(8.4 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	1,366	668	698	104.4 %
11 - COAL	0	390,962	(390,962)	(100.0 %)
12 - GAS	3,139,351	2,823,857	315,494	11.2 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	234,373	283,979	(49,606)	(17.5 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,375,090	3,499,466	(124,376)	(3.6 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	3,297	3,658	(361)	(9.9 %)
19 - COAL (TON)	0	182,310	(182,310)	(100.0 %)
20 - GAS (MCF)	22,960,444	21,703,081	1,257,363	5.8 %
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	19,078	21,306	(2,228)	(10.5 %)
26 - COAL	0	4,141,582	(4,141,582)	(100.0 %)
27 - GAS	23,569,071	21,703,081	1,865,990	8.6 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	23,588,149	25,865,969	(2,277,820)	(8.8 %)
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.0	0.02	0.02	112.0 %
34 - COAL	0.0	11.17	(11.17)	(100.0 %)
35 - GAS	93.0	80.69	12.32	15.3 %
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	6.9	8.11	(1.17)	(14.4 %)
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 : 10/1/2024 to 10/1/2024

Duke Energy Florida, LLC

FUEL COST PER UNIT (\$)

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	132.96	162.91	(29.94)	(18.4 %)
42 - COAL (\$/TON)	0.00	93.00	(93.00)	(100.0 %)
43 - GAS (\$/MCF)	4.40	4.30	0.10	2.4 %
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	22.98	27.97	(4.99)	(17.8 %)
49 - COAL	0.00	4.09	(4.09)	(100.0 %)
50 - GAS	4.29	4.30	(0.01)	(0.2 %)
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)	4.30	4.29	0.02	0.4 %

BTU BURNED PER KWH (BTU/KWH)

55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	13,967	31,886	(17,919)	(56.2 %)
57 - COAL	0	10,593	(10,593)	(100.0 %)
58 - GAS	7,508	7,686	(178)	(2.3 %)
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	6,989	7,391	(403)	(5.4 %)

GENERATED FUEL COST PER KWH (CENTS/KWH)

63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	32.09	89.18	(57.09)	(64.0 %)
65 - COAL	0.00	4.34	(4.34)	(100.0 %)
66 - GAS	3.22	3.30	(0.08)	(2.5 %)
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)	3.01	3.17	(0.16)	(5.0 %)

A-3 Generating System Comparative Data Report

Report Period : 1/1/2024 to 10/1/2024

Duke Energy Florida, LLC

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	15,370,486	11,078,888	4,291,598	38.7 %
3 - COAL	142,442,634	164,749,808	(22,307,174)	(13.5 %)
4 - GAS	874,303,890	908,533,290	(34,229,400)	(3.8 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	1,032,117,011	1,084,361,986	(52,244,975)	(4.8 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	28,143	17,974	10,169	56.6 %
11 - COAL	2,983,349	3,670,792	(687,443)	(18.7 %)
12 - GAS	31,853,038	30,719,230	1,133,808	3.7 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	2,418,504	2,450,897	(32,393)	(1.3 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	37,283,034	36,858,893	424,141	1.2 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	104,094	72,585	31,509	43.4 %
19 - COAL (TON)	1,443,824	1,725,423	(281,599)	(16.3 %)
20 - GAS (MCF)	232,890,749	227,336,506	5,554,243	2.4 %
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	601,144	419,673	181,471	43.2 %
26 - COAL	32,265,723	38,935,496	(6,669,773)	(17.1 %)
27 - GAS	238,796,826	230,335,797	8,461,029	3.7 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	271,663,692	269,690,966	1,972,726	0.7 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.1	0.05	0.03	54.8 %
34 - COAL	8.0	9.96	(1.96)	(19.7 %)
35 - GAS	85.4	83.34	2.09	2.5 %
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	6.5	6.65	(0.16)	(2.4 %)
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 10/1/2024

Duke Energy Florida, LLC

FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	147.66	152.63	(4.97)	(3.3 %)
42 - COAL (\$/TON)	98.66	95.48	3.17	3.3 %
43 - GAS (\$/MCF)	3.75	4.00	(0.24)	(6.1 %)
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	25.57	26.40	(0.83)	(3.1 %)
49 - COAL	4.41	4.23	0.18	4.3 %
50 - GAS	3.66	3.94	(0.28)	(7.2 %)
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)	3.80	4.02	(0.22)	(5.5 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	21,361	23,349	(1,988)	(8.5 %)
57 - COAL	10,815	10,607	208	2.0 %
58 - GAS	7,497	7,498	(1)	(0.0 %)
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,287	7,317	(30)	(0.4 %)
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	54.62	61.64	(7.02)	(11.4 %)
65 - COAL	4.77	4.49	0.29	6.4 %
66 - GAS	2.74	2.96	(0.21)	(7.2 %)
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)	2.77	2.94	(0.17)	(5.9 %)

A-4 System Net Generation and Fuel Cost Report

Report Period : 10/1/2024 to 10/1/2024

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	13,643.00	24			0				0	0	0.000	
Winqeepin Solar Facility													
TOTAL Unit 1	74.9	6,872.00	12			0				0	0	0.000	
St. Pete Pier													
TOTAL Unit 1	0.35	1.06	0			0				0	0	0.000	
Clearwater Marine Aquarium (Dolphin Solar)													
TOTAL Unit 1	0.25	25.24	14			0				0	0	0.000	
John Hopkins Solar													
TOTAL Unit 1	0.825	125.06	20			0				0	0	0.000	
TOTAL Solar													
Steam	1,486.7	234,373.35				0				0	0	0.000	
Anclote													
		110,692.00					Gas	1,228,979	1.026	1,260,932	5,224,740	4.720	4.251
TOTAL UNIT 1	521	110,692.00	29			11,391				1,260,932	5,224,740	4.720	
		39,928.00					Gas	474,405	1.026	486,739	2,016,831	5.051	4.251
TOTAL UNIT 2	514	39,928.00	10			12,190				486,739	2,016,831	5.051	
TOTAL Steam													
	1,035	150,620.00				11,603				1,747,671	7,241,571	4.808	
Gas Turbine													
Bartow Combined Cycle													
		0.00					No 2	0	0.000	0	(70,686)	0.000	0.000
		305,996.00					Gas	2,330,569	1.022	2,381,842	10,180,234	3.327	4.368
TOTAL BCC	1,045	305,996.00	39			7,784				2,381,842	10,109,549	3.327	
Bartow Peaker													
		123.89					No 2	354	5.711	2,022	115,830	93.494	327.202
		887.11					Gas	14,124	1.025	14,477	62,630	7.060	4.434
TOTAL BAP	162	1,011.00	1			16,319				16,499	178,459	17.652	
Bayboro Peaker													
		75.50					No 2	199	5.711	1,137	24,470	32.411	122.965
TOTAL BYP	114	76.00	0			15,054				1,137	24,470	32.411	
Citrus County													
		1,136,704.00					Gas	7,524,293	1.032	7,765,071	36,176,767	3.183	4.808
TOTAL CCCC	1,854	1,136,704.00	82			6,831				7,765,071	36,176,767	3.183	
Debary Peaker													
		4,544.40					Gas	60,431	1.026	62,002	244,048	5.370	4.038
TOTAL DEP	96	4,544.00	6			13,644				62,002	244,048	5.370	
Hines Energy													
		1,151,021.00					Gas	8,237,683	1.024	8,435,388	34,140,601	2.966	4.144
TOTAL HEP	2,161	1,151,021.00	72			7,329				8,435,388	34,140,601	2.966	
Intercession City Peaker													
		1,166.58					No 2	2,744	5.802	15,920	368,764	31.611	134.389
		36,131.40					Gas	482,061	1.024	493,631	2,011,987	5.569	4.174
TOTAL ICP	942	37,298.00	5			13,662				509,551	2,380,751	6.383	
Osprey													
		329,558.00					Gas	2,309,602	1.023	2,362,723	9,618,768	2.919	4.165
TOTAL OSP	611	329,558.00	72			7,169				2,362,723	9,618,768	2.919	
Suwannee Peaker													
		6,111.00					Gas	84,352	1.026	86,545	450,363	7.370	5.339
TOTAL SRP	203	6,111.00	4			14,162				86,545	450,363	7.370	
Tiger Bay Cogen													

A-4 System Net Generation and Fuel Cost Report

Report Period : 10/1/2024 to 10/1/2024

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 TBP	0	0.00 0.00	0			0	Gas	0	0.000	0	169,304	0.000	0.000
Univ of Florida Cogen		17,777.70					Gas	213,945	1.027	219,722	785,158	4.417	3.670
TOTAL UFP	50	17,778.00	48			12,359				219,722	785,158	4.417	
TOTAL Gas Turbine	7,238	2,990,097.00				7,304				21,840,478	94,278,237	3.153	0.000
SYSTEM TOTAL	9,759.7	3,375,090.35				6,989				23,588,149	101,519,808	3.008	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2024 to 10/1/2024

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	137,250.00	25			0				0	0	0.000	
Winquepin Solar Facility													
TOTAL Unit 1	74.9	86,416.00	18			0				0	0	0.000	
St. Pete Pier													
TOTAL Unit 1	0.35	390.90	15			0				0	0	0.000	
Clearwater Marine Aquarium (Dolphin Solar)													
TOTAL Unit 1	0.25	452.94	25			0				0	0	0.000	
John Hopkins Solar													
TOTAL Unit 1	0.825	1,781.25	29			0				0	0	0.000	
Hines Floating Solar													
TOTAL Unit 1	0.75	741.46	14			0				0	0	0.000	
TOTAL Solar Steam Anclote	1,487.5	2,418,503.56				0				0	0	0.000	
		851,534.00					Gas	9,941,953	1.024	10,177,686	36,772,627	4.318	3.699
TOTAL UNIT 1	521	851,534.00	22			11,952				10,177,686	36,772,627	4.318	
		419,233.00					Gas	4,905,027	1.026	5,030,892	19,377,905	4.622	3.951
TOTAL UNIT 2	514	419,233.00	11			12,000				5,030,892	19,377,905	4.622	
Crystal River 4 & 5													
		1,635,431.00					Coal	809,516	22.319	18,067,280	80,183,670	4.903	99.051
		0.00					No 2	17,655	5.773	101,921	3,068,730	0.000	173.814
TOTAL UNIT 4	721	1,635,431.00	31			11,110				18,169,201	83,252,400	5.091	
		1,347,918.00					Coal	634,308	22.384	14,198,443	62,258,965	4.619	98.153
		0.00					No 2	18,757	5.772	108,262	3,264,962	0.000	174.066
TOTAL UNIT 5	721	1,347,918.00	26			10,614				14,306,705	65,523,927	4.861	
TOTAL Steam	1,035	4,254,116.00				11,209				47,684,485	204,926,859	4.817	
Gas Turbine													
Bartow Combined Cycle													
		904.91					No 2	1,193	5.713	6,816	181,208	20.025	151.893
		5,522,731.09					Gas	40,696,230	1.022	41,597,878	141,485,582	2.562	3.477
TOTAL BCC	1,259	5,523,636.00	60			7,532				41,604,694	141,666,790	2.565	
Bartow Peaker													
		1,440.70					No 2	4,164	5.712	23,785	491,009	34.081	117.918
		18,820.30					Gas	285,477	1.023	292,077	1,054,266	5.602	3.693
TOTAL BAP	223	20,261.00	1			15,590				315,862	1,545,275	7.627	
Bayboro Peaker													
		3,683.30					No 2	9,345	5.712	53,379	1,153,538	31.318	123.439
TOTAL BYP	229	3,683.00	0			14,492				53,379	1,153,538	31.318	
Citrus County													
		10,550,206.00					Gas	69,983,380	1.030	72,099,464	296,438,415	2.810	4.236
TOTAL CCCC	1,854	10,550,206.00	78			6,834				72,099,464	296,438,415	2.810	
Debarry Peaker													
		5,259.34					No 2	12,548	5.767	72,368	1,631,556	31.022	130.025
		38,669.66					Gas	519,745	1.024	532,093	1,915,256	4.953	3.685
TOTAL DEP	611	43,929.00	1			13,760				604,461	3,546,812	8.074	
Hines Energy													

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2024 to 10/1/2024

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	10,449,624.00	66			7,282	Gas	74,367,110	1.023	76,095,403	264,646,531	2.533	3.559
Intercession City Peaker													
		16,854.90					No 2	40,421	5.803	234,555	5,578,253	33.096	138.003
TOTAL ICP	1,198	287,818.08	3			13,858	Gas	3,880,245	1.028	3,987,686	13,376,142	4.647	3.447
Osprey		304,673.00								4,222,241	18,954,395	6.221	
TOTAL OSP	611	2,423,775.00	54			7,307	Gas	17,293,775	1.024	17,711,587	60,871,759	2.511	3.520
Suwannee Peaker		2,423,775.00								17,711,587	60,871,759	2.511	
TOTAL SRP	203	69,824.00	5			14,275	Gas	981,331	1.016	996,721	3,844,660	5.506	3.918
Tiger Bay Cogen		69,824.00								996,721	3,844,660	5.506	
TOTAL TBP	230	912,152.00	54			7,816	Gas	6,966,212	1.023	7,129,524	24,363,907	2.671	3.497
Univ of Florida Cogen		912,152.00								7,129,524	24,363,907	2.671	
		0.00					No 2	10	5.700	57	1,230	0.000	122.953
TOTAL UFP	50	308,651.10	84			10,192	Gas	3,070,264	1.025	3,145,815	10,156,839	3.291	3.308
TOTAL Gas Turbine	8,629	308,651.00				7,317				3,145,872	10,158,069	3.291	
TOTAL Gas Turbine	8,629	30,610,414.00				7,317				223,979,207	827,190,152	2.702	0.000
SYSTEM TOTAL	11,151.5	37,283,033.56				7,287				271,663,692	1,032,117,011	2.768	

A-5 System Generation Fuel Cost Report

Report Period : 10/1/2024 to 10/1/2024

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)	0	3,658	(3,658)	(100.0%)
20 - UNIT COST (\$/BBL)	0.00	162.91	(162.91)	(100.0%)
21 - AMOUNT (\$)	0	595,910	(595,910)	(100.0%)
22 - BURNED				
23 - UNITS (BBL)	3,297	3,658	(361)	(9.9%)
24 - UNIT COST (\$/BBL)	132.96	162.91	(29.94)	(18.4%)
25 - AMOUNT (\$)	438,378	595,910	(157,532)	(26.4%)
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	551,572	627,491	(75,919)	(12.1%)
31 - UNIT COST (\$/BBL)	125.18	125.36	(0.18)	(0.1%)
32 - AMOUNT (\$)	69,045,941	78,660,212	(9,614,271)	(12.2%)
33 -				
34 - DAYS SUPPLY	5,181	5,146	35	0.7%

A-5 System Generation Fuel Cost Report

Report Period : 10/1/2024 to 10/1/2024

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	0	182,310	(182,310)	(100.0%)
37 - UNIT COST (\$/TON)	0.00	93.00	(93.00)	(100.0%)
38 - AMOUNT (\$)	1,135,842	16,954,400	(15,818,558)	(93.3%)
39 - BURNED				
40 - UNITS (TON)	0	182,310	(182,310)	(100.0%)
41 - UNIT COST (\$/TON)	0.00	93.00	(93.00)	(100.0%)
42 - AMOUNT (\$)	0	16,954,400	(16,954,400)	(100.0%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	417,354	505,186	(87,832)	(17.4%)
48 - UNIT COST (\$/TON)	99.53	99.15	0.38	0.4%
49 - AMOUNT (\$)	41,541,182	50,090,917	(8,549,735)	(17.1%)
50 -				
51 - DAYS SUPPLY	0	83	(83)	(100.0%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	22,960,444	21,703,081	1,257,363	5.8%
54 - UNIT COST (\$/MCF)	4.40	4.30	0.10	2.4%
55 - AMOUNT (\$)	101,081,430	93,287,864	7,793,566	8.4%
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 : 1/1/2024 to 10/1/2024

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)	85,708	134,186	(48,478)	(36.1%)
20 - UNIT COST (\$/BBL)	139.22	128.36	10.85	8.5%
21 - AMOUNT (\$)	11,932,048	17,224,483	(5,292,435)	(30.7%)
22 - BURNED				
23 - UNITS (BBL)	104,094	72,585	31,509	43.4%
24 - UNIT COST (\$/BBL)	147.66	152.63	(4.97)	(3.3%)
25 - AMOUNT (\$)	15,370,486	11,078,888	4,291,598	38.7%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	4,289			
28 - AMOUNT (\$)	552,435			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	551,572	627,491	(75,919)	(12.1%)
31 - UNIT COST (\$/BBL)	125.18	125.36	(0.18)	(0.1%)
32 - AMOUNT (\$)	69,045,941	78,660,212	(9,614,271)	(12.2%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2024 to 10/1/2024

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,395,345	1,764,776	(369,431)	(20.9%)
37 - UNIT COST (\$/TON)	100.76	97.15	3.61	3.7%
38 - AMOUNT (\$)	140,597,824	171,454,732	(30,856,908)	(18.0%)
39 - BURNED				
40 - UNITS (TON)	1,443,824	1,725,423	(281,599)	(16.3%)
41 - UNIT COST (\$/TON)	98.66	95.48	3.17	3.3%
42 - AMOUNT (\$)	142,442,634	164,749,808	(22,307,174)	(13.5%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	(29,708)			
45 - AMOUNT (\$)	(2,867,119)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	417,354	505,186	(87,832)	(17.4%)
48 - UNIT COST (\$/TON)	99.53	99.15	0.38	0.4%
49 - AMOUNT (\$)	41,541,182	50,090,917	(8,549,735)	(17.1%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	232,890,749	227,336,506	5,554,243	2.4%
54 - UNIT COST (\$/MCF)	3.75	4.00	(0.24)	(6.1%)
55 - AMOUNT (\$)	874,303,890	908,533,290	(34,229,400)	(3.8%)
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%

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
OCTOBER 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 \$
ESTIMATED		31,650		31,650	3.305	4.241	1,045,933	1,342,330	296,397
ACTUAL									
Associated Electric Cooperative, Inc.		947		947	1.643	1.902	15,559	18,007	2,449
Central FL Tourism Oversight Dist	CR-1	8,865		8,865	1.560	1.901	138,329	168,538	30,209
Constellation Energy Generation, LLC	InternationalSwapsDe	3,830		3,830	1.486	1.475	56,921	56,497	(424)
Dominion Energy South Carolina, Inc.		2,088		2,088	1.607	1.892	33,551	39,515	5,964
LGE/KU		1,001		1,001	1.208	1.423	12,089	14,244	2,155
Morgan Stanley Capital Group Inc.	EEl	4,533		4,533	1.772	1.853	80,344	83,988	3,645
Oglethorpe Power Corporation		2,245		2,245	1.481	2.407	33,258	54,033	20,775
PJM Settlements, Inc	MR1	3,300		3,300	2.104	(0.893)	69,424	(29,468)	(98,892)
Rainbow Energy Marketing Corporation		1,229		1,229	1.259	2.450	15,475	30,109	14,633
Southern Company Services, Inc.	EEl	10,978		10,978	1.510	1.337	165,798	146,783	(19,015)
Tampa Electric Company		1,815		1,815	1.345	1.300	24,409	23,599	(810)
Tennessee Valley Authority		2,432		2,432	1.543	1.756	37,522	42,715	5,193
The Energy Authority	EEl	14,023		14,023	1.576	2.111	221,016	296,017	75,001
Adjustments									
Central Florida Tourism Oversight District								(3)	(3)
Dominion Energy South Carolina, Inc.								(183)	(183)
Duke Energy Car T								(1,052)	(1,052)
Duke Energy Carolina LLC								505	505
Duke Energy FL T								(8,561)	(8,561)
Duke Energy Prog T								(63)	(63)
Georgia Trans Corp								(276)	(276)
MEAG T								(2,190)	(2,190)
PJM Settlements, Inc								(6,417)	(6,417)
SC Public Svc Auth								(56)	(56)
Southern Company Services, Inc.								(4,783)	(4,783)
Subtotal - Gain on Other Power Sales		57,286		57,286	1.578	1.609	903,695	921,498	17,803
CURRENT MONTH TOTAL		57,286		57,286	1.578	1.609	903,695	921,498	17,803
DIFFERENCE		25,637		25,637	(1.727)	(2.633)	(142,238)	(420,832)	(278,594)
DIFFERENCE %		81.00		81.00	(52.27)	(62.07)	(13.60)	(31.35)	(93.99)
CUMULATIVE ACTUAL		537,709		543,010	1.728	2.475	9,290,503.65	13,309,464.91	4,018,961.26
CUMULATIVE ESTIMATED		441,037		441,037	2.259	3.233	9,964,240.81	14,258,749.54	4,294,508.74
DIFFERENCE		96,672		101,973	(0.531)	(0.758)	(673,737.16)	(949,284.63)	(275,547.48)
DIFFERENCE %		21.92		23.12	(23.52)	(23.44)	(6.76)	(6.66)	(6.42)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
OCTOBER 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 \$
ESTIMATED		58,223			58,223	4.688	4.688	2,729,469	2,729,469
ACTUAL									
Vandolah Power Co. LLC (Northern Star)	TOLL	65,133			65,133	5.352	5.352	3,485,908	3,485,908
ADJUSTMENTS									
Vandolah Power Co. LLC (Northern Star)	TOLL	3,228			3,228	7.664	7.664	247,393	247,393
CURRENT MONTH TOTAL		68,361			68,361	5.461	5.461	3,733,300	3,733,300
DIFFERENCE		10,138			10,138	0.773	0.773	1,003,831	1,003,831
DIFFERENCE %		17.41			17.41	16.49	16.49	36.78	36.78
CUMULATIVE ACTUAL		640,154			640,154	4.964	4.964	31,777,675	31,777,675
CUMULATIVE ESTIMATED		521,150			521,150	4.878	4.878	25,421,903	25,421,903
DIFFERENCE		119,004			119,004	0.086	0.086	6,355,772	6,355,772
DIFFERENCE %		22.83			22.83	1.76	1.76	25.00	25.00

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
OCTOBER 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		73,312			73,312	4.068	26.546	2,982,520
ACTUAL								
Citrus World (CITRUS)	CO-GEN	0			0	0.000	0.000	0.00
ADJ		(0.02)			(0.02)			(0.49)
Lake County (LAKCOUNT)	CO-GEN	553			553	2.368	2.368	13,095
ADJ		0			0			1,664
G2 Energy Marion County LLC	CO-GEN	20			20	2.258	2.258	452
ADJ		0			0			271
Orange Cogen (ORANGEAS)	CO-GEN	137			137	1.733	1.733	2,374
ADJ		0			0			189
Orange Cogen (ORANGECO)	CO-GEN	16,106			16,106	5.426	50.151	873,879
ADJ		0			0			18,807
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	11,078			11,078	2.265	27.376	250,908
ADJ		0			0			32,364
PCS Phosphate (OCSWFCRK)	CO-GEN	0			0	0.000	0.000	0
ADJ		(76)			(76)			(1,316)
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	30,395			30,395	2.261	23.979	687,116
ADJ		0			0			56,425
CURRENT MONTH TOTAL		58,213			58,213	3.326	31.634	1,936,228
DIFFERENCE		(15,099)			(15,099)	(0.742)	5.088	(1,046,291)
DIFFERENCE %		(20.60)			(20.60)	(18.24)	19.17	(35.08)
CUMULATIVE ACTUAL		1,043,501			1,043,501	3.282	25.941	34,252,319.08
CUMULATIVE ESTIMATED		1,091,964			1,091,964	3.530	25.854	38,547,722.66
CUMULATIVE DIFFERENCE		(48,463)			(48,463)	(0.248)	0.088	(4,295,403.58)
CUMULATIVE DIFFERENCE %		(4.44)			(4.44)	(7.02)	0.34	(11.14)

**DUKE ENERGY FLORIDA, LLC
SCHEDULE A9**

**ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
OCTOBER 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		29,303	5.249	1,537,993	5.856	1,716,109	178,116
ACTUAL:							
SubTotal - Energy Purchases (Broker)							
Associated Electric Cooperative, Inc.		82	3.883	3,184	1.874	1,537	(1,647)
Constellation Energy Generation, LLC	InternationalSwapsDe	18,377	5.264	967,412	8.059	1,480,972	513,560
Duke Electric Transmission	Transmission Purchase		0.000	8,001	0.000		(8,001)
EDF Trading North America, LLC		400	4.600	18,400	3.476	13,906	(4,494)
Florida Power & Light Company	Transmission Purchase		0.000	613,224	0.000		(613,224)
Florida Power & Light Company		55,760	8.282	4,617,820	5.626	3,137,041	(1,480,779)
Jacksonville Electric Authority	Transmission Purchase		0.000	35,301	0.000		(35,301)
LGE/KU		6	3.851	231	18.436	1,106	875
Macquarie Energy LLC		34,406	5.413	1,862,316	4.624	1,590,919	(271,397)
Oglethorpe Power Corporation		120	1.974	2,368	2.772	3,326	958
Orlando Utilities Commission	Schedule OS	1,730	5.821	100,700	1.969	34,068	(66,632)
Rainbow Energy Marketing Corporation		1,469	6.345	93,208	5.454	80,121	(13,087)
Seminole Electric Coop Inc.	Transmission Purchase		0.000	30,325	0.000		(30,325)
Southern Company Services, Inc.	EEL	8,159	4.814	392,808	7.153	583,620	190,812
Southern Company Services, Inc. Transmission	Transmission Purchase		0.000	10,998	0.000		(10,998)
Tampa Electric Company		181	1.131	2,047	2.884	5,220	3,173
Tennessee Valley Authority Transmission	Transmission Purchase		0.000	16,360	0.000		(16,360)
Tyr Energy, LLC		1,892	4.400	83,248	8.802	166,536	83,288
ADJUSTMENTS							
Dominion Energy South Carolina, Inc.				183			(183)
Florida Power & Light Company				(10,787)			10,787
Georgia transmission Corporation				276			(276)
PJM Settlement Inc.				611			(611)
South Carolina Public Service Authority				56			(56)
Southern Company Services, Inc.		16		37			(37)
Tampa Electric Company				16,712			(16,712)
Tennessee Valley Authority Transmission				1,449			(1,449)
SubTotal - Energy Purchases (Non-Broker)							
		122,598	7.232	8,866,490	5.790	7,098,371	(1,768,119)
CURRENT MONTH TOTAL							
DIFFERENCE		93,295	1.984	7,328,497	(0.066)	5,382,262	(1,946,235)
DIFFERENCE %		318.38	37.79	476.50	(1.13)	313.63	(1,092.68)
CUMULATIVE ACTUAL							
CUMULATIVE ESTIMATED		303,095	6.055	18,353,353	5.822	17,645,556	(707,798)
DIFFERENCE		95,135	0.354	7,170,230	(0.260)	4,502,780	(2,667,450)
DIFFERENCE %		31.39	5.85	39.07	(4.47)	25.52	376.87

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 - 12/31/25	6,836,499	7,184,623	7,184,623	7,581,621	7,184,623	7,184,623	7,184,623	7,184,623	7,184,623	7,184,623	7,184,623	7,184,623	71,895,106
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	2,749,420	2,749,420	2,749,420	2,749,420	2,749,420	2,749,420	27,494,200
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	6,544,815	6,544,815	6,544,815	6,544,815	6,544,815	6,544,815	65,448,150
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	9,866,169	2,546,108	(637)	0	0	0	71,608,653
5 Retail Wheeling				(58,194)	(2,755)	(33,314)	(20,677)	(1,653)	(16,972)	(74,902)	(53,519)	(85,116)	(129,022)			(476,124)
6 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	5,733,198
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	6,018,526	5,922,135	2,804,026	1,990,193			35,590,609
8 Capacity Sales and Purchases	Other	-1.00	on-going no term date	0	0	0	0	0	0	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)	92,477	0	0	0	0	0	6,747,840
10 SoBRA True-Up - Santa Fe (Base Rate Adjmt)				(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(321,909)
11 SoBRA True-Up - Twin Rivers (Base Rate Adjmt)				(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(444,539)
12 SoBRA - Charlie Creek (Base Rate Adjmt)				(88,410)	(5,037)	(5,037)	(5,037)	(5,037)	(5,037)	(5,037)	(5,037)	(5,037)	(5,037)	(5,037)	(5,037)	(133,739)
13 SoBRA - Sandy Creek (Base Rate Adjmt)				(1,003,759)	(48,401)	(48,401)	(48,401)	(48,401)	(48,401)	(48,401)	(48,401)	(48,401)	(48,401)	(48,401)	(48,401)	(1,439,364)
TOTAL				29,303,542	31,743,137	30,183,208	31,574,648	29,575,392	32,737,331	32,824,366	25,336,820	19,640,369	18,783,267	0	0	281,702,080