



Stephanie A. Cuello  
SENIOR COUNSEL

February 21, 2023

**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. 20230001-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 January 2023.

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/mw  
Attachment

**CERTIFICATE OF SERVICE**

*Docket No. 20230001-EI*

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 21<sup>st</sup> day of February, 2023.

s/ Stephanie A. Cuello

Stephanie A. Cuello

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DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

JANUARY 2023

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	130,389,826	200,425,142	(70,035,316)	(34.9)	2,889,585	2,982,374	(92,788)	(3.1)	4.5124	6.7203	(2.2079)	(32.9)
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	1,028,686	1,029,098	(413)	(0.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	131,418,512	201,454,240	(70,035,728)	(34.8)	2,889,585	2,982,374	(92,788)	(3.1)	4.5480	6.7548	(2.2068)	(32.7)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	3,030,313	469,115	2,561,198	546.0	33,306	3,091	30,215	977.4	9.0984	15.1753	(6.0769)	(40.0)
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A8)	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)	1,010,183	780,196	229,987	29.5	18,249	10,071	8,178	81.2	5.5357	7.7470	(2.2113)	(28.5)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	17,700,697	16,559,856	1,140,842	6.9	220,063	236,905	(16,842)	(7.1)	8.0435	6.9901	1.0534	15.1
9 TOTAL COST OF PURCHASED POWER	21,741,194	17,809,167	3,932,027	22.1	271,618	250,067	21,550	8.6	8.0043	7.1217	0.8826	12.4
10 TOTAL AVAILABLE MWH					3,161,203	3,232,441	(71,238)	(2.2)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(234,620)	(3,318,376)	3,083,756	(92.9)	(8,182)	(46,084)	37,902	(82.3)	2.8675	7.2008	(4.3333)	(60.2)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(171,100)	(855,469)	684,369	(80.0)	(8,182)	(46,084)	37,902	(82.3)	2.0912	1.8563	0.2349	12.7
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	(4,388,148)	(2,701,912)	(1,686,237)	62.4	(94,608)	(28,256)	(66,352)	234.8	4.6382	9.5623	(4.9241)	(51.5)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(4,793,869)	(6,875,757)	2,081,888	(30.3)	(102,790)	(74,339)	(28,451)	38.3	4.6638	9.2491	(4.5853)	(49.6)
14 NET INADVERTENT AND WHEELED INTERCHANGE					12,327	0	12,327					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	148,365,837	212,387,650	(64,021,813)	(30.1)	3,070,740	3,158,102	(87,362)	(2.8)	4.8316	6.7252	(1.8936)	(28.2)
16 NET UNBILLED	(10,474,688)	(277,165)	(10,197,523)	3,679.2	216,795	4,121	212,674	5,160.4	(0.3387)	(0.0093)	(0.3294)	3,541.9
17 COMPANY USE	752,462	1,018,716	(266,254)	(26.1)	(15,574)	(15,148)	(426)	2.8	0.0243	0.0342	(0.0099)	(29.0)
18 T & D LOSSES	8,669,990	11,164,106	(2,494,116)	(22.3)	(179,443)	(166,005)	(13,439)	8.1	0.2804	0.3745	(0.0941)	(25.1)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	148,365,837	212,387,650	(64,021,813)	(30.1)	3,092,518	2,981,070	111,448	3.7	4.7976	7.1245	(2.3269)	(32.7)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	22,892	(52,396)	75,288	(143.7)	477	(735)	1,213	(164.9)	4.7976	7.1245	(2.3269)	(32.7)
21 JURISDICTIONAL KWH SALES	148,388,729	212,335,254	(63,946,525)	(30.1)	3,092,995	2,980,335	112,661	3.8	4.7976	7.1245	(2.3269)	(32.7)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0003	148,445,116	212,415,941	(63,970,825)	(30.1)	3,092,995	2,980,335	112,661	3.8	4.7994	7.1273	(2.3279)	(32.7)
23 PRIOR PERIOD TRUE-UP	14,649,113	14,649,118	(5)	0.0	3,092,995	2,980,335	112,661	3.8	0.4736	0.4915	(0.0179)	(3.6)
24 TOTAL JURISDICTIONAL FUEL COST	163,094,230	227,065,059	(63,970,829)	(28.2)	3,092,995	2,980,335	112,661	3.8	5.2730	7.6188	(2.3458)	(30.8)
25 GPIF	(17,205)	(17,205)	(0)	0.0	3,092,995	2,980,335	112,661	3.8	(0.0006)	(0.0006)	0.0000	0.0
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	462,522	1,001,135	(538,613)	(53.8)	3,092,995	2,980,335	112,661	3.8	0.0150	0.0336	(0.0186)	(55.4)
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									5.287	7.652	(2.364)	(30.9)

\*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 - JANUARY 2023

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	130,389,826	200,425,142	(70,035,316)	(34.9)	2,889,585	2,982,374	(92,788)	(3.1)	4.5124	6.7203	(2.2079)	(32.9)
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	1,028,686	1,029,098	(413)	(0.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	131,418,512	201,454,240	(70,035,728)	(34.8)	2,889,585	2,982,374	(92,788)	(3.1)	4.5480	6.7548	(2.2068)	(32.7)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	3,030,313	469,115	2,561,198	546.0	33,306	3,091	30,215	977.4	9.0984	15.1753	(6.0769)	(40.0)
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A8)	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)	1,010,183	780,196	229,987	29.5	18,249	10,071	8,178	81.2	5.5357	7.7470	(2.2113)	(28.5)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	17,700,697	16,559,856	1,140,842	6.9	220,063	236,905	(16,842)	(7.1)	8.0435	6.9901	1.0534	15.1
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10 TOTAL AVAILABLE MWH					3,161,203	3,232,441	(71,238)	(2.2)				
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11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(171,100)	(855,469)	684,369	(80.0)	(8,182)	(46,084)	37,902	(82.3)	2.0912	1.8563	0.2349	12.7
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	(4,388,148)	(2,701,912)	(1,686,237)	62.4	(94,608)	(28,256)	(66,352)	234.8	4.6382	9.5623	(4.9241)	(51.5)
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14 NET INADVERTENT AND WHEELED INTERCHANGE					12,327	0	12,327					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	148,365,837	212,387,650	(64,021,813)	(30.1)	3,070,740	3,158,102	(87,362)	(2.8)	4.8316	6.7252	(1.8936)	(28.2)
16 NET UNBILLED	(10,474,688)	(277,165)	(10,197,523)	3,679.2	216,795	4,121	212,674	5,160.4	(0.3387)	(0.0093)	(0.3294)	3,541.9
17 COMPANY USE	752,462	1,018,716	(266,254)	(26.1)	(15,574)	(15,148)	(426)	2.8	0.0243	0.0342	(0.0099)	(29.0)
18 T & D LOSSES	8,669,990	11,164,106	(2,494,116)	(22.3)	(179,443)	(166,005)	(13,439)	8.1	0.2804	0.3745	(0.0941)	(25.1)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	148,365,837	212,387,650	(64,021,813)	(30.1)	3,092,518	2,981,070	111,448	3.7	4.7976	7.1245	(2.3269)	(32.7)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	22,892	(52,396)	75,288	(143.7)	477	(735)	1,213	(164.9)	4.7976	7.1245	(2.3269)	(32.7)
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22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0003	148,445,116	212,415,941	(63,970,825)	(30.1)	3,092,995	2,980,335	112,661	3.8	4.7994	7.1273	(2.3279)	(32.7)
23 PRIOR PERIOD TRUE-UP	14,649,113	14,649,118	(5)	0.0	3,092,995	2,980,335	112,661	3.8	0.4736	0.4915	(0.0179)	(3.6)
24 TOTAL JURISDICTIONAL FUEL COST	163,094,230	227,065,059	(63,970,829)	(28.2)	3,092,995	2,980,335	112,661	3.8	5.2730	7.6188	(2.3458)	(30.8)
25 GPIF	(17,205)	(17,205)	(0)	0.0	3,092,995	2,980,335	112,661	3.8	(0.0006)	(0.0006)	0.0000	100.0
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	462,522	1,001,135	(538,613)	(53.8)	3,092,995	2,980,335	112,661	3.8	0.0150	0.0336	(0.0186)	224.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									5.287	7.652	(2.364)	(30.9)

\*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  
JANUARY 2023

	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	\$130,389,826	200,425,142	(\$70,035,316)	(34.9)	\$130,389,826	\$200,425,142	(\$70,035,316)	(34.9)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2. FUEL COST OF POWER SOLD	(234,620)	(3,318,376)	3,083,756	(92.9)	(234,620)	(3,318,376)	3,083,756	(92.9)
2a. GAIN ON POWER SALES	(171,100)	(855,469)	684,369	(80.0)	(171,100)	(855,469)	684,369	(80.0)
3. FUEL COST OF PURCHASED POWER	3,030,313	469,115	2,561,198	546.0	3,030,313	469,115	2,561,198	546.0
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	17,700,697	16,559,856	1,140,842	6.9	17,700,697	16,559,856	1,140,842	6.9
4. ENERGY COST OF ECONOMY PURCHASES	1,010,183	780,196	229,987	29.5	1,010,183	780,196	229,987	29.5
5. TOTAL FUEL & NET POWER TRANSACTIONS	151,725,300	214,060,464	(62,335,164)	(29.1)	151,725,300	214,060,464	(62,335,164)	(29.1)
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(4,388,148)	(2,701,912)	(1,686,237)	62.4	(4,388,148)	(2,701,912)	(1,686,237)	62.4
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,028,686	1,029,098	(413)	(0.0)	1,028,686	1,029,098	(413)	(0.0)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET PWR TRNS	\$148,365,837	\$212,387,650	(\$64,021,813)	(30.1)	\$148,365,837	\$212,387,650	(\$64,021,813)	(30.1)
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		0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0		0	0	0	
FPD AGREEMENT TERMINATION	1,028,686	0	1,028,686		1,028,686	0	1,028,686	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0		0	0	0	
NET METER SETTLEMENT	0	0	0		0	0	0	
CR4 OUTAGE REPLACEMENT POWER	0	0	0		0	0	0	
Derivative Collateral Interest	0	0	0		0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,028,686	\$0	\$1,028,686		\$1,028,686	\$0	\$1,028,686	
<b>B. KWH SALES</b>								
1. JURISDICTIONAL SALES	3,092,995,732	2,980,334,881	112,660,850	3.8	3,092,995,732	2,980,334,881	112,660,850	3.8
2. NON JURISDICTIONAL (WHOLESALE) SALES	(477,153)	735,433	(1,212,586)	(164.9)	(477,153)	735,433	(1,212,586)	(164.9)
3. TOTAL SALES	3,092,518,579	2,981,070,314	111,448,264	3.7	3,092,518,579	2,981,070,314	111,448,264	3.7
4. JURISDICTIONAL SALES % OF TOTAL SALES	100.02	99.98	0.04	0.0	100.02	99.98	0.04	0.0

DUKE ENERGY FLORIDA  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
JANUARY 2023

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$194,820,704	\$186,479,554	\$8,341,151	4.5	\$194,820,704	\$186,479,554	\$8,341,151	4.5
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(14,649,113)	(14,649,118)	5	0.0	(14,649,113)	(14,649,118)	5	0.0
2b. INCENTIVE PROVISION	17,205	17,205	0	0.0	17,205	17,205	0	0.0
2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	(462,522)	(1,001,135)	538,613	(53.8)	(462,522)	(1,001,135)	538,613	(53.8)
3. TOTAL JURISDICTIONAL FUEL REVENUE	179,726,274	170,846,505	8,879,769	5.2	179,726,274	170,846,505	8,879,769	5.2
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	148,365,837	212,387,650	(64,021,813)	(30.1)	148,365,837	212,387,650	(64,021,813)	(30.1)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	100.02	99.98	0.04	0.0	100.02	99.98	0.04	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00038 LOSS MULTIPLIER)	148,445,116	212,415,941	(63,970,825)	(30.1)	148,445,116	212,415,941	(63,970,825)	(30.1)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	31,281,158	(41,569,436)	72,850,593	(175.3)	31,281,158	(41,569,436)	72,850,593	(175.3)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(4,981,720)	(1,586,900)	(3,394,820)	213.9	(4,981,720)	(1,586,900)	(3,394,820)	213.9
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(1,354,975,751)	(1,308,956,670)	(46,019,081)	3.5	(1,354,975,751)	(1,308,956,670)	(46,019,081)	3.5
10. TRUE UP COLLECTED (REFUNDED)	14,649,113	14,649,118	(5)	0.0	14,649,113	14,649,118	(5)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(1,314,027,200)	(1,337,463,888)	23,436,688	(1.8)	(1,314,027,200)	(1,337,463,888)	23,436,688	(1.8)
12. OTHER:	0				0			
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$1,314,027,200)	(1,337,463,888)	23,436,688	(1.8)	(\$1,314,027,200)	(1,337,463,888)	23,436,688	(1.8)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$1,354,975,751)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(1,309,045,480)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(2,664,021,231)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(1,332,010,615)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	4.370	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	4.610	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	8.980	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	4.490	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.374	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$4,981,720)	N/A	--	--				

## A-3 Generating System Comparative Data Report

Report Period : 1/1/2023 to 1/1/2023

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	822,863	1,119,759	(296,896)	(26.5 %)
3 - COAL	2,063,905	16,548,991	(14,485,086)	(87.5 %)
4 - GAS	127,503,058	182,756,392	(55,253,334)	(30.2 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	130,389,826	200,425,142	(70,035,316)	(34.9 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	370	5,326	(4,956)	(93.1 %)
11 - COAL	34,601	381,950	(347,349)	(90.9 %)
12 - GAS	2,733,308	2,461,319	271,989	11.1 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	121,307	133,779	(12,472)	(9.3 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,889,586	2,982,374	(92,788)	(3.1 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	4,630	9,548	(4,918)	(51.5 %)
19 - COAL (TON)	16,302	167,839	(151,537)	(90.3 %)
20 - GAS (MCF)	19,530,265	16,902,602	2,627,663	15.5 %
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	24,440	55,632	(31,192)	(56.1 %)
26 - COAL	369,925	3,916,026	(3,546,101)	(90.6 %)
27 - GAS	20,070,861	16,902,602	3,168,259	18.7 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	20,465,227	20,874,260	(409,033)	(2.0 %)
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.0	0.18	(0.17)	(92.8 %)
34 - COAL	1.2	12.81	(11.61)	(90.7 %)
35 - GAS	94.6	82.53	12.06	14.6 %
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	4.2	4.49	(0.29)	(6.4 %)
38	0.0	0	0.00	0.0 %
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 %

## A-3 Generating System Comparative Data Report

Report Period : 1/1/2023 to 1/1/2023

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	177.72	117.28	60.45	51.5 %
42 - COAL (\$/TON)	126.60	98.60	28.00	28.4 %
43 - GAS (\$/MCF)	6.53	10.81	(4.28)	(39.6 %)
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	33.67	20.13	13.54	67.3 %
49 - COAL	5.58	4.23	1.35	32.0 %
50 - GAS	6.35	10.81	(4.46)	(41.2 %)
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)	6.37	9.60	(3.23)	(33.6 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	66,122	10,445	55,677	533.0 %
57 - COAL	10,691	10,253	438	4.3 %
58 - GAS	7,343	6,867	476	6.9 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,082	6,999	83	1.2 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	222.62	21.02	201.60	958.9 %
65 - COAL	5.96	4.33	1.63	37.7 %
66 - GAS	4.66	7.43	(2.76)	(37.2 %)
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)	4.51	6.72	(2.21)	(32.9 %)



## A-3 Generating System Comparative Data Report

Report Period : 1/1/2023 to 1/1/2023

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	822,863	1,119,759	(296,896)	(26.5 %)
3 - COAL	2,063,905	16,548,991	(14,485,086)	(87.5 %)
4 - GAS	127,503,058	182,756,392	(55,253,334)	(30.2 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	130,389,826	200,425,142	(70,035,316)	(34.9 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	370	5,326	(4,956)	(93.1 %)
11 - COAL	34,601	381,950	(347,349)	(90.9 %)
12 - GAS	2,733,308	2,461,319	271,989	11.1 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	121,307	133,779	(12,472)	(9.3 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,889,586	2,982,374	(92,788)	(3.1 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	4,630	9,548	(4,918)	(51.5 %)
19 - COAL (TON)	16,302	167,839	(151,537)	(90.3 %)
20 - GAS (MCF)	19,530,265	16,902,602	2,627,663	15.5 %
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	24,440	55,632	(31,192)	(56.1 %)
26 - COAL	369,925	3,916,026	(3,546,101)	(90.6 %)
27 - GAS	20,070,861	16,902,602	3,168,259	18.7 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	20,465,227	20,874,260	(409,033)	(2.0 %)
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.0	0.18	(0.17)	(92.8 %)
34 - COAL	1.2	12.81	(11.61)	(90.7 %)
35 - GAS	94.6	82.53	12.06	14.6 %
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	4.2	4.49	(0.29)	(6.4 %)
38	0.0	0	0.00	0.0 %
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)	177.72	117.28	60.45	51.5 %

## A-3 Generating System Comparative Data Report

Report Period : 1/1/2023 to 1/1/2023

Duke Energy Florida, LLC

42 - COAL (\$/TON)	126.60	98.60	28.00	28.4 %
43 - GAS (\$/MCF)	6.53	10.81	(4.28)	(39.6 %)
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	33.67	20.13	13.54	67.3 %
49 - COAL	5.58	4.23	1.35	32.0 %
50 - GAS	6.35	10.81	(4.46)	(41.2 %)
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)	6.37	9.60	(3.23)	(33.6 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	66,122	10,445	55,677	533.0 %
57 - COAL	10,691	10,253	438	4.3 %
58 - GAS	7,343	6,867	476	6.9 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,082	6,999	83	1.2 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	222.62	21.02	201.60	958.9 %
65 - COAL	5.96	4.33	1.63	37.7 %
66 - GAS	4.66	7.43	(2.76)	(37.2 %)
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)	4.51	6.72	(2.21)	(32.9 %)

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2023 to 1/1/2023

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>Solar</b>													
<b>Bay Trail Solar</b>													
TOTAL UNIT 1	74	12,040.00	22			0				0	0	0.000	
<b>Charlie Creek Solar</b>													
TOTAL UNIT 1	74.9	12,330.00	22			0				0	0	0.000	
<b>Columbia Solar   1</b>													
TOTAL CSF 1	74.9	10,856.00	19			0				0	0	0.000	
<b>Debary Solar 1</b>													
TOTAL DSF 1	74.5	11,251.00	20			0				0	0	0.000	
<b>Duette Solar</b>													
TOTAL UNIT 1	74.5	10,746.00	20			0				0	0	0.000	
<b>Fort Green Solar</b>													
TOTAL UNIT 1	74	9,279.00	17			0				0	0	0.000	
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	74.9	11,754.00	21			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	4,281.00	13			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	401.00	13			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	641.00	17			0				0	0	0.000	
<b>Sandy Creek Solar</b>													
TOTAL UNIT 1	74.9	9,766.00	18			0				0	0	0.000	
<b>Santa Fe Solar Facility</b>													
TOTAL Unit 1	74.9	5,218.00	9			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	1,358.00	20			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	74.9	11,604.00	21			0				0	0	0.000	
<b>Twin Rivers Solar Facility</b>													
TOTAL Unit 1	74.9	9,704.00	17			0				0	0	0.000	
<b>St. Pete Pier</b>													
TOTAL Unit 1	0.35	38.88	15			0				0	0	0.000	
<b>Clearwater Marine Aquarium (Dolphin Solar)</b>													
TOTAL Unit 1	0.25	38.74	21			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>884.9</b>	<b>121,306.63</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
TOTAL UNIT 1	521	11,776.00	3			12,639	Gas	144,928	1.027	148,841	1,054,038	8.951	7.273
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4	721	7,326.00	1			14,100	Coal No 2	3,988 2,485	22.692 5.774	90,496 12,801	504,898 475,825	6.892 0.000	126.604 191.511
TOTAL UNIT 5	721	27,275.00	5			10,465	Coal No 2	12,314 1,166	22.692 5.773	279,429 6,004	1,559,007 223,211	5.716 0.000	126.604 191.511

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2023 to 1/1/2023

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>TOTAL Steam</b>	1,963	46,377.00				11,591				537,571	3,816,979	8.068	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
							No 2						
							Gas	4,471,821	1.025	4,583,617	27,379,498	4.555	6.123
TOTAL BCC	1,259	601,126.00	64			7,625				4,583,617	27,379,498	4.555	
<b>Bartow Peaker</b>													
		76.74					No 2	219	5.704	1,249	26,164	34.095	119.472
		413.26					Gas	6,550	1.027	6,727	47,427	11.476	7.241
TOTAL BAP	114	490.00	1			16,278				7,976	73,591	15.019	
<b>Bayboro Peaker</b>													
		61.50					No 2	173	5.695	985	20,292	32.995	117.295
TOTAL BYP	173	62.00	0			16,019				985	20,292	32.995	
<b>Citrus County</b>													
		1,083,312.00					Gas	7,180,287	1.032	7,410,057	49,785,777	4.596	6.934
TOTAL CCCC	1,854	1,083,312.00	79			6,840				7,410,057	49,785,777	4.596	
<b>Debarry Peaker</b>													
		103.50					No 2	264	5.768	1,523	33,223	32.098	125.846
		2,386.50					Gas	34,262	1.029	35,256	248,276	10.360	7.246
TOTAL DEP	287	2,490.00	1			14,711				36,778	281,499	11.260	
<b>Hines Energy</b>													
		845,188.00					Gas	6,098,985	1.025	6,251,458	39,104,810	4.627	6.412
TOTAL HEP	2,169	845,188.00	52			7,397				6,251,458	39,104,810	4.627	
<b>Intercession City Peaker</b>													
		128.11					No 2	323	5.814	1,878	44,147	34.461	136.679
		9,729.89					Gas	138,747	1.028	142,632	852,871	8.765	6.147
TOTAL ICP	819	9,858.00	2			14,659				144,510	897,018	9.099	
<b>Osprey</b>													
		125,207.00					Gas	941,828	1.025	965,374	5,771,356	4.609	6.128
TOTAL OSP	611	125,207.00	28			7,710				965,374	5,771,356	4.609	
<b>Suwannee Peaker</b>													
		1,912.20					Gas	27,622	1.027	28,368	201,029	10.410	7.278
TOTAL SRP	136	1,912.00	2			14,689				28,368	201,029	10.410	
<b>Tiger Bay Cogen</b>													
		18,392.00					Gas	144,817	1.026	148,582	886,662	4.821	6.123
TOTAL TBP	230	18,392.00	11			8,079				148,582	886,662	4.821	
<b>Univ of Florida Cogen</b>													
		33,865.70					Gas	340,418	1.028	349,950	2,171,314	6.412	6.378
TOTAL UFP	50	33,866.00	91			10,333				349,950	2,171,314	6.412	
<b>TOTAL Gas Turbine</b>	7,702	2,721,931.00				7,321				19,927,655	126,572,847	4.650	0.000
<b>SYSTEM TOTAL</b>	10,549.9	2,889,586.03				7,083				20,465,226	130,389,826	4.512	

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2023 to 1/1/2023

Duke Energy Florida, LLC

A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC	EQUIV AVAIL FAC(%)	NET OUTPUT FAC(%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
<b>Solar</b>													
<b>Bay Trail Solar</b>													
TOTAL UNIT 1	74	12,040.00	22			0					0	0	0.000
<b>Charlie Creek Solar</b>													
TOTAL UNIT 1	74.9	12,330.00	22			0					0	0	0.000
<b>Columbia Solar   1</b>													
TOTAL CSF 1	74.9	10,856.00	19			0					0	0	0.000
<b>Debary Solar 1</b>													
TOTAL DSF 1	74.5	11,251.00	20			0					0	0	0.000
<b>Duette Solar</b>													
TOTAL UNIT 1	74.5	10,746.00	20			0					0	0	0.000
<b>Fort Green Solar</b>													
TOTAL UNIT 1	74	9,279.00	17			0					0	0	0.000
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	74.9	11,754.00	21			0					0	0	0.000
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	4,281.00	13			0					0	0	0.000
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	401.00	13			0					0	0	0.000
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	641.00	17			0					0	0	0.000
<b>Sandy Creek Solar</b>													
TOTAL UNIT 1	74.9	9,766.00	18			0					0	0	0.000
<b>Santa Fe Solar Facility</b>													
TOTAL Unit 1	74.9	5,218.00	9			0					0	0	0.000
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	1,358.00	20			0					0	0	0.000
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	74.9	11,604.00	21			0					0	0	0.000
<b>Twin Rivers Solar Facility</b>													
TOTAL Unit 1	74.9	9,704.00	17			0					0	0	0.000
<b>St. Pete Pier</b>													
TOTAL Unit 1	0.35	38.88	15			0					0	0	0.000
<b>Clearwater Marine Aquarium (Dolphin Solar)</b>													
TOTAL Unit 1	0.25	38.74	21			0					0	0	0.000
<b>TOTAL Solar</b>	884.9	121,306.63				0					0	0	0.000
<b>Steam</b>													
<b>Anclote</b>		11,776.00					Gas	144,928	1.027	148,841	1,054,038	8.951	7.273
TOTAL UNIT 1	521	11,776.00	3			12,639				148,841	1,054,038	8.951	
<b>Crystal River 4 &amp; 5</b>		7,326.00					Coal	3,988	22.692	90,496	504,898	6.892	126.604
		0.00					No 2	2,485	5.774	12,801	475,825	0.000	191.511
TOTAL UNIT 4	721	7,326.00	1			14,100				103,297	929,478	12.687	
		27,275.00					Coal	12,314	22.692	279,429	1,559,007	5.716	126.604
		0.00					No 2	1,166	5.773	6,004	223,211	0.000	191.511
TOTAL UNIT 5	721	27,275.00	5			10,465				285,433	1,758,178	6.446	

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2023 to 1/1/2023

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>TOTAL Steam</b>	1,963	46,377.00				11,591				537,571	3,816,979	8.068	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
TOTAL BCC	1,259	601,126.00	64			7,625	Gas	4,471,821	1.025	4,583,617	27,379,498	4.555	6.123
<b>Bartow Peaker</b>		76.74					No 2	219	5.704	1,249	26,164	34.095	119.472
TOTAL BAP	114	413.26	1			16,278	Gas	6,550	1.027	6,727	47,427	11.476	7.241
<b>Bayboro Peaker</b>		490.00								7,976	73,591	15.019	
TOTAL BYP	173	61.50	0			16,019	No 2	173	5.695	985	20,292	32.995	117.295
<b>Citrus County</b>		62.00								985	20,292	32.995	
TOTAL CCCC	1,854	1,083,312.00	79			6,840	Gas	7,180,287	1.032	7,410,057	49,785,777	4.596	6.934
<b>Debary Peaker</b>		1,083,312.00								7,410,057	49,785,777	4.596	
TOTAL DEP	287	103.50	1			14,711	No 2	264	5.768	1,523	33,223	32.098	125.846
<b>Hines Energy</b>		2,386.50					Gas	34,262	1.029	35,256	248,276	10.360	7.246
TOTAL HEP	2,169	2,490.00	1			14,711	Gas	34,262	1.029	36,778	281,499	11.260	
<b>Intercession City Peaker</b>		845,188.00								6,251,458	39,104,810	4.627	6.412
TOTAL ICP	819	845,188.00	52			7,397	Gas	6,098,985	1.025	6,251,458	39,104,810	4.627	
<b>Osprey</b>		128.11					No 2	323	5.814	1,878	44,147	34.461	136.679
TOTAL OSP	611	9,729.89	2			14,659	Gas	138,747	1.028	142,632	852,871	8.765	6.147
<b>Suwannee Peaker</b>		9,858.00								144,510	897,018	9.099	
TOTAL SRP	136	125,207.00	28			7,710	Gas	941,828	1.025	965,374	5,771,356	4.609	6.128
<b>Tiger Bay Cogen</b>		125,207.00								965,374	5,771,356	4.609	
TOTAL TBP	230	1,912.20	2			14,689	Gas	27,622	1.027	28,368	201,029	10.410	7.278
<b>Univ of Florida Cogen</b>		1,912.00								28,368	201,029	10.410	
TOTAL UFP	50	18,392.00	11			8,079	Gas	144,817	1.026	148,582	886,662	4.821	6.123
<b>TOTAL Gas Turbine</b>	7,702	18,392.00	91			10,333	Gas	340,418	1.028	349,950	2,171,314	6.412	6.378
<b>SYSTEM TOTAL</b>	10,549.9	2,889,586.03				7,083				20,465,226	130,389,826	4.512	

# A-5 System Generation Fuel Cost Report

Report Period : 1/1/2023 to 1/1/2023

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)	18,223	9,548	8,675	90.9%
20 - UNIT COST (\$/BBL)	168.53	117.28	51.25	43.7%
21 - AMOUNT (\$)	3,071,075	1,119,759	1,951,316	174.3%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	4,630	9,548	(4,918)	(51.5%)
24 - UNIT COST (\$/BBL)	177.72	117.28	60.45	51.5%
25 - AMOUNT (\$)	822,863	1,119,759	(296,896)	(26.5%)
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	439,376	432,176	7,200	1.7%
31 - UNIT COST (\$/BBL)	123.48	112.03	11.45	10.2%
32 - AMOUNT (\$)	54,254,101	48,417,459	5,836,642	12.1%
33 -				
34 - DAYS SUPPLY	3,219	1,358	1,861	137.1%

# A-5 System Generation Fuel Cost Report

Report Period : 1/1/2023 to 1/1/2023

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)	127,482	167,839	(40,357)	(24.0%)
37 - UNIT COST (\$/TON)	140.64	98.60	42.04	42.6%
38 - AMOUNT (\$)	17,928,772	16,548,991	1,379,781	8.3%
<b>39 - BURNED</b>				
40 - UNITS (TON)	16,302	167,839	(151,537)	(90.3%)
41 - UNIT COST (\$/TON)	126.60	98.60	28.00	28.4%
42 - AMOUNT (\$)	2,063,905	16,548,991	(14,485,086)	(87.5%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	602,472	390,319	212,153	54.4%
48 - UNIT COST (\$/TON)	126.60	75.87	50.74	66.9%
49 - AMOUNT (\$)	76,275,651	29,611,570	46,664,081	157.6%
50 -				
<b>51 - DAYS SUPPLY</b>	1,146	70	1,076	1542.1%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	19,530,265	16,902,602	2,627,663	15.5%
54 - UNIT COST (\$/MCF)	6.53	10.81	(4.28)	(39.6%)
55 - AMOUNT (\$)	127,503,058	182,756,392	(55,253,334)	(30.2%)
<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 : 1/1/2023 to 1/1/2023

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)	18,223	9,548	8,675	90.9%
20 - UNIT COST (\$/BBL)	168.53	117.28	51.25	43.7%
21 - AMOUNT (\$)	3,071,075	1,119,759	1,951,316	174.3%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	4,630	9,548	(4,918)	(51.5%)
24 - UNIT COST (\$/BBL)	177.72	117.28	60.45	51.5%
25 - AMOUNT (\$)	822,863	1,119,759	(296,896)	(26.5%)
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	439,376	432,176	7,200	1.7%
31 - UNIT COST (\$/BBL)	123.48	112.03	11.45	10.2%
32 - AMOUNT (\$)	54,254,101	48,417,459	5,836,642	12.1%
33 -				
34 - DAYS SUPPLY	3,219	1,358	1,861	137.1%

# A-5 System Generation Fuel Cost Report

Report Period : 1/1/2023 to 1/1/2023

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)	127,482	167,839	(40,357)	(24.0%)
37 - UNIT COST (\$/TON)	140.64	98.60	42.04	42.6%
38 - AMOUNT (\$)	17,928,772	16,548,991	1,379,781	8.3%
<b>39 - BURNED</b>				
40 - UNITS (TON)	16,302	167,839	(151,537)	(90.3%)
41 - UNIT COST (\$/TON)	126.60	98.60	28.00	28.4%
42 - AMOUNT (\$)	2,063,905	16,548,991	(14,485,086)	(87.5%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	602,472	390,319	212,153	54.4%
48 - UNIT COST (\$/TON)	126.60	75.87	50.74	66.9%
49 - AMOUNT (\$)	76,275,651	29,611,570	46,664,081	157.6%
50 -				
51 - DAYS SUPPLY	1,146	70	1,076	1542.1%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	19,530,265	16,902,602	2,627,663	15.5%
54 - UNIT COST (\$/MCF)	6.53	10.81	(4.28)	(39.6%)
55 - AMOUNT (\$)	127,503,058	182,756,392	(55,253,334)	(30.2%)
<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%

Duke Energy Florida, LLC  
Schedule A6  
Power Sold for the Month of  
January 2023

(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>	ECONSALE	46,084		46,084	7.201	9.057	3,318,376.00	4,173,845	855,469.00
<b>ACTUAL</b>									
Constellation Energy Generation, LLC	InternationalSwapsDe	610		610	1.958	2.227	11,945.94	13,583.94	1,638.00
PJM Settlements, Inc	MR1	106		106	3.049	33.786	3,231.90	35,813.20	32,581.30
Reedy Creek Improvement District	CR-1	3,090		3,090	1.965	2.679	60,720.85	82,780.90	22,060.05
Tampa Electric Company	CR-1	2,100		2,100	3.427	7.734	71,973.75	162,405.67	90,431.92
The Energy Authority	Schedule OS	2,375		2,375	3.653	5.546	86,747.75	131,708.50	44,960.75
<b>Adjustments:</b>									
Tampa Electric Company								4,179.03	4,179.03
Tallahassee (City of)								(0.68)	(0.68)
Constellation Energy Generation, LLC		(58)		(58)				(14,500.00)	(14,500.00)
Morgan Stanley Capital Group Inc.		(41)		(41)				(10,250.00)	(10,250.00)
<b>Subtotal - Gain on Other Power Sales</b>		8,182		8,182	2.868	4.959	234,620.19	405,720.56	171,100.37
<b>CURRENT MONTH TOTAL</b>		8,182		8,182	2.868	4.959	234,620.19	405,720.56	171,100.37
<b>DIFFERENCE</b>		(37,902)		(37,902)	(4.333)	(4.098)	(3,083,755.81)	(3,768,124.44)	(684,368.63)
<b>DIFFERENCE %</b>		(82.25)		(82.25)	(60.18)	(45.25)	(92.93)	(90.28)	(80.00)

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
January, 2023

(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>		3,091			3,091	15.175	15.175	469,115.00	469,115.00
<b>ACTUAL</b>									
Shady Hills Power Company, LLC	TOLL	-			-	-	-	-	-
Vandolah Power Co. LLC (Northern Star)	TOLL	32,399			32,399	9.485	9.485	3,073,012.42	3,073,012.42
<b>ADJUSTMENTS</b>									
Shady Hills Power Company, LLC	TOLL	19			19	(219.477)	(219.477)	(41,700.57)	(41,700.57)
Vandolah Power Co. LLC (Northern Star)	TOLL	888			888	(0.112)	(0.112)	(998.71)	(998.71)
CURRENT MONTH TOTAL		33,306			33,306	9.098	9.098	3,030,313.14	3,030,313.14
DIFFERENCE		30,215			30,215	(6.077)	(6.077)	2,561,198.14	2,561,198.14
DIFFERENCE %		977			977	(40.045)	(40.045)	545.96	545.96
CUMULATIVE ACTUAL		33,306			33,306	9.098	9.098	3,030,313.14	3,030,313.14
CUMULATIVE ESTIMATED		3,091			3,091	15.175	15.175	469,115.00	469,115.00
DIFFERENCE		30,215			30,215	(6.077)	(6.077)	2,561,198.14	2,561,198.14
DIFFERENCE %		977			977	(40.045)	(40.045)	545.96	545.96

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES  
FOR THE MONTH OF:  
JANUARY, 2023

(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	CO-GEN	236,905			236,905	6.990	20.429	16,559,856.00
ACTUAL								
Lake County (LAKCOUNT) ADJ	CO-GEN	712 -			712 -	4.987	4.987	35,507.02 282.29
Lee County (LEECOGAS) ADJ	CO-GEN	237 -			237 -	3.548	3.548	8,409.31 (5,300.96)
Metro-Dade County (METRDDAS) ADJ	CO-GEN	828 -			828 -	3.431	3.431	28,404.69 (11,902.05)
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,611 -			1,611 -	5	4.898	78,907.27 7,889.36
Orange Cogen (ORANGECO) ADJ	CO-GEN	32,709 -			32,709 -	9	29.301	3,028,488.70 0.00
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	89,550 -			89,550 -	10.384	18.096	9,299,290.21 28,686.19
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,768 -			17,768 -	4.819	20.215	856,283.17 150,779.18
PCS Phosphate (OCSWFCK) ADJ	CO-GEN	0 (50)			0 (50)	4.159	4.159	18.30 (2,037.34)
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	41,664 -			41,664 -	4.826	20.309	2,010,549.11 298,037.25
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	35,034 -			35,034 -	5.443	31.926	1,906,827.29 (18,421.92)
CURRENT MONTH TOTAL		220,063			220,063	8.043	22.343	17,700,697.07
DIFFERENCE		(16,842)			(16,842)	1.053	1.913	1,140,841.57
DIFFERENCE %		(7.11)			(7.11)	15.07	9.36	6.89
CUMULATIVE ACTUAL		220,063			220,063	8.043	22.343	17,700,697.07
CUMULATIVE ESTIMATED		236,905			236,905	6.990	20.429	16,559,855.50
CUMULATIVE DIFFERENCE		(16,842)			(16,842)	1.053	1.913	1,140,841.57
CUMULATIVE DIFFERENCE %		(7.11)			(7.11)	15.07	9.36	6.89

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A9

ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
FOR THE MONTH OF:  
JANUARY, 2023

(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	ECONPURCH	10,071	7.747	780,196.00	8.893	895,569.00	115,373.00
<b>ACTUAL:</b>							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	9,283	6.755	627,042.80	6.755	627,042.80	-
Constellation Energy Generation, LLC	InternationalSwapsDe	1,600	4.400	70,400.00	5.225	83,600.00	13,200.00
Duke Electric Transmission	Transmission Purchase	-	0.000	368.44	0.000	-	(368.44)
Florida Power & Light Company		2,900	4.193	121,600.00	4.814	139,613.00	18,013.00
Macquarie Energy LLC		612	4.000	24,480.00	6.138	37,564.56	13,084.56
Orlando Utilities Commission	Schedule OS	500	4.400	22,000.00	4.905	24,525.00	2,525.00
Southern Company Services, Inc.	EEl	1,414	3.976	56,216.00	5.238	74,066.70	17,850.70
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0.000	1,272.97	0.000	-	(1,272.97)
Tallahassee (City of)	Schedule OS	40	1.700	680.00	2.016	806.40	126.40
Tampa Electric Company	EEl2	1,900	4.537	86,200.00	4.789	90,998.00	4,798.00
<b>ADJUSTMENTS</b>							
PJM Settlements				1,380.90			(1,380.90)
Florida Power & Light Company				(4.79)			4.79
Southern Company Services, Inc. Transmission				(1,453.91)			1,453.91
Tampa Electric Company				1.05			(1.05)
SubTotal - Energy Purchases (Non-Broker)		18,249	5.536	1,010,183.46	5.908	1,078,216.46	68,033.00
CURRENT MONTH TOTAL		18,249	5.536	1,010,183.46	5.908	1,078,216.46	68,033.00
DIFFERENCE		8,178	(2.211)	229,987.46	(2.984)	182,647.46	(47,340.00)
DIFFERENCE %		81	(28.545)	29.48	(33.558)	20.39	(41.03)
CUMULATIVE ACTUAL		18,249	5.536	1,010,183.46	5.908	1,078,216.46	68,033.00
CUMULATIVE ESTIMATED		10,071	7.747	780,196.00	8.893	895,569.00	115,373.00
DIFFERENCE		8,178	(2.211)	229,987.46	(2.984)	182,647.46	(47,340.00)
DIFFERENCE %		81	(28.545)	29.48	(33.558)	20.39	(41.03)

