



Stephanie A. Cuello
SENIOR COUNSEL

July 20, 2022

VIA ELECTRONIC FILING

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

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

Dear Mr. Teitzman:

Please find attached for electronic filing, Duke Energy Florida, LLC's revisions to Schedules A1 through A9 and A12 for the reporting month of May 2022. The impact to May is an approximate \$767K expense due to an oil inventory correction.

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. 20220001-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 July, 2022.

s/ Stephanie A. Cuello

Stephanie A. Cuello

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

MAY 2022

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	216,213,880	127,796,424	88,417,456	69.2	3,597,491	3,655,052	(57,561)	(1.6)	6.0101	3.4964	2.5137	71.9
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	1,041,886	1,045,151	(3,265)	(0.3)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	217,255,766	128,841,575	88,414,191	68.6	3,597,491	3,655,052	(57,561)	(1.6)	6.0391	3.5250	2.5141	71.3
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	36,801,996	4,244,776	32,557,220	767.0	361,325	60,180	301,145	500.4	10.1853	7.0535	3.1318	44.4
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)	21,151,609	601,679	20,549,930	3,415.4	184,834	10,916	173,918	1,593.2	11.4436	5.5117	5.9319	107.6
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	11,608,836	11,893,900	(285,064)	(2.4)	187,136	233,837	(46,701)	(20.0)	6.2034	5.0864	1.1170	22.0
9 TOTAL COST OF PURCHASED POWER	69,562,441	16,740,355	52,822,086	315.5	733,295	304,933	428,361	140.5	9.4863	5.4898	3.9965	72.8
10 TOTAL AVAILABLE MWH					4,330,785	3,959,985	370,800	9				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(679,780)	(388,668)	(291,112)	74.9	(12,055)	(8,609)	(3,447)	40.0	5.6390	4.5149	1.1241	24.9
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(86,512)	(102,128)	15,616	(15.3)	(12,055)	(8,609)	(3,447)	40.0	0.7176	1.1864	(0.4688)	(39.5)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	17,302	0	17,302	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(15,951,661)	(8,513,052)	(7,438,609)	87.4	(424,458)	(241,208)	(183,250)	76.0	3.7581	3.5293	0.2288	6.5
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(16,700,651)	(9,003,848)	(7,696,803)	85.5	(436,513)	(249,817)	(186,696)	74.7	3.8259	3.6042	0.2217	6.2
14 NET INADVERTENT AND WHEELED INTERCHANGE					16,450	0	16,450					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	270,117,556	136,578,082	133,539,474	97.8	3,910,722	3,710,168	200,554	5.4	6.9071	3.6812	3.2259	87.6
16 NET UNBILLED	28,872,315	15,454,425	13,417,890	86.8	(418,009)	(419,822)	1,813	(0.4)	0.8659	0.5020	0.3639	72.5
17 COMPANY USE	786,989	576,498	210,491	36.5	(11,394)	(15,661)	4,267	(27.3)	0.0236	0.0187	0.0049	26.2
18 T & D LOSSES	10,149,770	7,210,470	2,939,300	40.8	(146,947)	(195,874)	48,927	(25.0)	0.3044	0.2342	0.0702	30.0
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	270,117,556	136,578,082	133,539,474	97.8	3,334,372	3,078,812	255,561	8.3	8.1010	4.4361	3.6649	82.6
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(309,032)	(81,947)	(227,085)	277.1	(3,815)	(1,980)	(1,834)	92.6	8.1010	4.1381	3.9629	95.8
21 JURISDICTIONAL KWH SALES	269,808,524	136,496,135	133,312,389	97.7	3,330,557	3,076,831	253,726	8.3	8.1010	4.4363	3.6647	82.6
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	269,911,051	136,534,354	133,376,698	97.7	3,330,557	3,076,831	253,726	8.3	8.1041	4.4375	3.6666	82.6
23 PRIOR PERIOD TRUE-UP	36,470,185	36,470,185	0	0.0	3,330,557	3,076,831	253,726	8.3	1.0950	1.1853	(0.0903)	(7.6)
24 TOTAL JURISDICTIONAL FUEL COST	306,381,237	173,004,539	133,376,698	77.1	3,330,557	3,076,831	253,726	8.3	9.1991	5.6228	3.5763	63.6
25 GPIF	221,440	221,440	(0)	0.0	3,330,557	3,076,831	253,726	8.3	0.0066	0.0072	(0.0006)	(8.3)
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	779,612	(779,612)	(100.0)	3,330,557	3,076,831	253,726	8.3	0.0000	0.0253	(0.0253)	(100.0)
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									9.206	5.655	3.550	62.8

*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 - MAY 2022

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	791,516,202	568,146,941	223,369,261	39.3	15,759,495	15,545,477	214,018	1.4	5.0225	3.6547	1.3678	37.4
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	5,921,413	5,075,861	845,551	16.7	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	797,437,614	573,222,802	224,214,812	39.1	15,759,495	15,545,477	214,018	1.4	5.0600	3.6874	1.3726	37.2
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	56,154,575	8,125,879	48,028,696	591.1	571,813	117,621	454,192	386.2	9.8204	6.9085	2.9119	42.2
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	33,174,613	2,078,354	31,096,259	1,496.2	344,656	37,676	306,980	814.8	9.6254	5.5164	4.1090	74.5
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	49,803,916	56,252,425	(6,448,510)	(11.5)	970,918	1,071,469	(100,550)	(9.4)	5.1296	5.2500	(0.1204)	(2.3)
9 TOTAL COST OF PURCHASED POWER	139,133,104	66,456,658	72,676,445	109.4	1,887,388	1,226,766	660,622	53.9	7.3717	5.4172	1.9545	36.1
10 TOTAL AVAILABLE MWH					17,646,882	16,772,243	874,639	5.2				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(9,485,636)	(8,119,792)	(1,365,844)	16.8	(247,346)	(185,257)	(62,089)	33.5	3.8350	4.3830	(0.5480)	(12.5)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,330,353)	(2,133,608)	(196,745)	9.2	(247,346)	(185,257)	(62,089)	33.5	0.9421	1.1517	(0.2096)	(18.2)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	84,188	0	84,188	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(47,815,510)	(24,453,341)	(23,362,170)	95.5	(1,175,025)	(659,362)	(515,663)	78.2	4.0693	3.7086	0.3607	9.7
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(59,547,311)	(34,706,741)	(24,840,570)	71.6	(1,422,371)	(844,619)	(577,752)	68.4	4.1865	4.1092	0.0773	1.9
14 NET INADVERTENT AND WHEELED INTERCHANGE					80,646	0	80,646					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	877,023,407	604,972,720	272,050,687	45.0	16,305,157	15,927,624	377,533	2.4	5.3788	3.7983	1.5805	41.6
16 NET UNBILLED	53,676,548	17,541,762	36,134,786	206.0	(1,030,310)	(470,681)	(559,630)	118.9	0.3581	0.1206	0.2375	196.9
17 COMPANY USE	3,005,430	2,595,381	410,049	15.8	(57,488)	(68,383)	10,895	(15.9)	0.0201	0.0178	0.0023	12.9
18 T & D LOSSES	14,451,939	31,944,686	(17,492,747)	(54.8)	(228,368)	(841,034)	612,666	(72.9)	0.0964	0.2196	(0.1232)	(56.1)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	877,023,407	604,972,720	272,050,687	45.0	14,988,992	14,547,527	441,465	3.0	5.8511	4.1586	1.6925	40.7
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(361,233)	(186,295)	(174,938)	93.9	(4,696)	(4,806)	110	(2.3)	7.6921	3.8763	3.8158	98.4
21 JURISDICTIONAL KWH SALES	876,662,174	604,786,425	271,875,749	45.0	14,984,296	14,542,721	441,575	3.0	5.8505	4.1587	1.6918	40.7
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	876,966,185	604,955,765	272,010,420	45.0	14,984,296	14,542,721	441,575	3.0	5.8526	4.1599	1.6927	40.7
23 PRIOR PERIOD TRUE-UP	129,980,354	129,980,353	1	0.0	14,984,296	14,542,721	441,575	3.0	0.8674	0.8938	(0.0264)	(3.0)
24 TOTAL JURISDICTIONAL FUEL COST	1,006,946,539	734,936,118	272,010,422	37.0	14,984,296	14,542,721	441,575	3.0	6.7200	5.0537	1.6663	33.0
25 GPIF	1,107,200	1,107,200	(0)	0.0	14,984,296	14,542,721	441,575	3.0	0.0074	0.0076	(0.0002)	102.7
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	779,612	(779,612)	(100.0)	14,984,296	14,542,721	441,575	3.0	0.0000	0.0054	(0.0054)	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									6.727	5.067	1.661	32.8

*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
MAY 2022

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
A . FUEL COSTS AND NET POWER TRANSACTIONS								
1 . FUEL COST OF SYSTEM NET GENERATION	\$216,213,880	127,796,424	\$88,417,456	69.2	\$791,516,202	\$568,146,941	\$223,369,261	39.3
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(679,780)	(388,668)	(291,112)	74.9	(9,485,636)	(8,119,792)	(1,365,844)	16.8
2a. GAIN ON POWER SALES	(69,210)	(102,128)	32,918	(32.2)	(2,246,165)	(2,133,608)	(112,557)	5.3
3 . FUEL COST OF PURCHASED POWER	36,801,996	4,244,776	32,557,220	767.0	56,154,575	8,125,879	48,028,696	591.1
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	11,608,836	11,893,900	(285,064)	(2.4)	49,803,916	56,252,425	(6,448,510)	(11.5)
4 . ENERGY COST OF ECONOMY PURCHASES	21,151,609	601,679	20,549,930	3,415.4	33,174,613	2,078,354	31,096,259	1,496.2
5 . TOTAL FUEL & NET POWER TRANSACTIONS	285,027,331	144,045,983	140,981,348	97.9	918,917,505	624,350,199	294,567,306	47.2
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(15,951,661)	(8,513,052)	(7,438,609)	87.4	(47,815,510)	(24,453,341)	(23,362,170)	95.5
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,041,886	1,045,151	(3,265)	(0.3)	5,921,413	5,075,861	845,551	16.7
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$270,117,556	\$136,578,082	\$133,539,474	97.8	\$877,023,407	\$604,972,720	\$272,050,687	45.0
FOOTNOTE - DETAIL OF LINE 6b ABOVE								
N/A - Not used	\$0	\$0	\$0		\$0	\$0	\$0	
N/A - Not used	0	0	0		0	0	0	
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	114	0	114		144	0	144	
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	1,041,771	0	1,041,771		5,238,629	0	5,238,629	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0		0	0	0	
NET METER SETTLEMENT	0	0	0		682,639	0	682,639	
CR4 OUTAGE REPLACEMENT POWER	0	0	0		0	0	0	
Derivative Collateral Interest	0	0	0		0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,041,886	\$0	\$1,041,886		\$5,921,413	\$0	\$5,921,413	
B. KWH SALES								
1 . JURISDICTIONAL SALES	3,330,557,629	3,076,831,320	253,726,309	8.3	14,984,296,880	14,542,720,729	441,576,151	3.0
2 . NON JURISDICTIONAL (WHOLESALE) SALES	3,814,734	1,980,314	1,834,420	92.6	4,696,152	4,806,052	(109,900)	(2.3)
3 . TOTAL SALES	3,334,372,363	3,078,811,634	255,560,729	8.3	14,988,993,032	14,547,526,781	441,466,251	3.0
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.89	99.94	(0.05)	(0.1)	99.97	99.97	(0.00)	0.0

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$154,994,833	\$147,077,090	\$7,917,743	5.4	\$659,519,173	\$648,122,012	\$11,397,161	1.8
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(36,470,185)	(36,470,185)	(0)	0.0	(129,980,354)	(129,980,353)	(1)	0.0
2b. INCENTIVE PROVISION	(221,440)	(221,440)	0	0.0	(1,107,200)	(1,107,200)	0	0.0
2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	(779,612)	779,612	(100.0)	0	(779,612)	779,612	(100.0)
3. TOTAL JURISDICTIONAL FUEL REVENUE	118,303,208	109,605,853	8,697,355	7.9	528,431,619	516,254,847	12,176,772	2.4
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	270,117,556	136,578,082	133,539,474	97.8	877,023,407	604,972,720	272,050,687	45.0
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.89	99.94	(0.05)	(0.1)	99.97	99.94	0.03	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00038 LOSS MULTIPLIER)	269,911,051	136,534,354	133,376,698	97.7	876,966,185	604,955,765	272,010,420	45.0
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(151,607,843)	(26,928,501)	(124,679,342)	463.0	(348,534,566)	(88,700,918)	(259,833,648)	292.9
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(390,308)	(32,855)	(357,453)	1,088.0	(862,710)	(164,532)	(698,178)	424.3
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(516,413,108)	(383,852,248)	(132,560,860)	34.5	(412,524,152)	(415,458,323)	2,934,171	(0.7)
10. TRUE UP COLLECTED (REFUNDED)	36,470,185	36,470,185	0	0.0	129,980,354	129,980,353	1	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(631,941,074)	(374,343,419)	(257,597,655)	68.8	(631,941,074)	(374,343,419)	(257,597,655)	68.8
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$631,941,074)	(374,343,419)	(257,597,655)	68.8	(\$631,941,074)	(374,343,419)	(257,597,655)	68.8
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$516,413,108)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(631,550,766)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(1,147,963,874)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(573,981,937)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.520	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.120	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	1.640	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.820	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.068	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$390,308)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 5/1/2022 to 5/1/2022

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	2,070,206	878,659	1,191,547	135.6 %
3 - COAL	16,280,788	11,102,351	5,178,437	46.6 %
4 - GAS	197,862,885	115,815,414	82,047,471	70.8 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	216,213,880	127,796,424	88,417,456	69.2 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	2,711	4,118	(1,407)	(34.2 %)
11 - COAL	424,606	287,056	137,550	47.9 %
12 - GAS	3,012,288	3,147,281	(134,993)	(4.3 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	157,886	216,597	(58,711)	(27.1 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,597,490	3,655,052	(57,562)	(1.6 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	17,026	8,001	9,025	112.8 %
19 - COAL (TON)	208,266	132,573	75,693	57.1 %
20 - GAS (MCF)	22,869,826	22,897,619	(27,793)	(0.1 %)
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	98,301	46,597	51,704	111.0 %
26 - COAL	4,651,413	3,095,624	1,555,789	50.3 %
27 - GAS	23,380,855	22,897,619	483,236	2.1 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	28,130,568	26,039,840	2,090,728	8.0 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.1	0.11	(0.04)	(33.1 %)
34 - COAL	11.8	7.85	3.95	50.3 %
35 - GAS	83.7	86.11	(2.37)	(2.8 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	4.4	5.93	(1.54)	(25.9 %)
38	0.0	0	0.00	0.0 %
39 - TOTAL (% MWH)	100.0	100.0	0.00	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %

A-3 Generating System Comparative Data Report

Report Period : 5/1/2022 to 5/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	121.59	109.82	11.77	10.7 %
42 - COAL (\$/TON)	78.17	83.75	(5.57)	(6.7 %)
43 - GAS (\$/MCF)	8.65	5.06	3.59	71.1 %
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	21.06	18.86	2.20	11.7 %
49 - COAL	3.50	3.59	(0.09)	(2.4 %)
50 - GAS	8.46	5.06	3.40	67.3 %
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	7.69	4.91	2.78	56.6 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	36,264	11,315	24,949	220.5 %
57 - COAL	10,955	10,784	171	1.6 %
58 - GAS	7,762	7,275	486	6.7 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,819	7,124	695	9.8 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	76.37	21.34	55.04	257.9 %
65 - COAL	3.83	3.87	(0.03)	(0.9 %)
66 - GAS	6.57	3.68	2.89	78.5 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	6.01	3.50	2.51	71.9 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2022 to 5/1/2022

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	23,643,833	18,877,877	4,765,956	25.2 %
3 - COAL	66,632,299	25,370,618	41,261,681	162.6 %
4 - GAS	701,240,070	523,898,446	177,341,624	33.9 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	791,516,202	568,146,941	223,369,261	39.3 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	106,253	129,893	(23,640)	(18.2 %)
11 - COAL	1,737,213	563,065	1,174,148	208.5 %
12 - GAS	13,346,927	14,124,279	(777,352)	(5.5 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	569,103	728,241	(159,138)	(21.9 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	15,759,495	15,545,478	214,017	1.4 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	186,207	178,079	8,128	4.6 %
19 - COAL (TON)	813,587	256,818	556,769	216.8 %
20 - GAS (MCF)	98,860,240	100,155,504	(1,295,264)	(1.3 %)
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	1,061,460	1,037,364	24,096	2.3 %
26 - COAL	18,346,815	5,990,580	12,356,235	206.3 %
27 - GAS	101,049,408	100,155,504	893,904	0.9 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	120,457,682	107,183,448	13,274,234	12.4 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.7	0.84	(0.16)	(19.3 %)
34 - COAL	11.0	3.62	7.40	204.3 %
35 - GAS	84.7	90.86	(6.17)	(6.8 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	3.6	4.68	(1.07)	(22.9 %)
38	0.0	0	0.00	0.0 %
39 - TOTAL (% MWH)	100.0	100.0	0.00	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2022 to 5/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	126.98	106.01	20.97	19.8 %
42 - COAL (\$/TON)	81.90	98.79	(16.89)	(17.1 %)
43 - GAS (\$/MCF)	7.09	5.23	1.86	35.6 %
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 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	22.27	18.20	4.08	22.4 %
49 - COAL	3.63	4.24	(0.60)	(14.2 %)
50 - GAS	6.94	5.23	1.71	32.7 %
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	6.57	5.30	1.27	24.0 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	9,990	7,986	2,004	25.1 %
57 - COAL	10,561	10,639	(78)	(0.7 %)
58 - GAS	7,571	7,091	480	6.8 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,643	6,895	749	10.9 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	22.25	14.53	7.72	53.1 %
65 - COAL	3.84	4.51	(0.67)	(14.9 %)
66 - GAS	5.25	3.71	1.54	41.6 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	5.02	3.65	1.37	37.4 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 5/1/2022 to 5/1/2022

Duke Energy Florida, LLC

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Bay Trail Solar													
TOTAL UNIT 1	58	358.00	1			0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	19,887.00	36			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	14,926.00	27			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	18,605.00	34			0				0	0	0.000	
Fort Green Solar													
TOTAL UNIT 1	74	3,957.00	7			0				0	0	0	
Hamilton Solar Facility													
TOTAL HSF 1	75	19,220.00	34			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	8,842.00	26			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	609.00	20			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	676.00	18			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1	74	12,904.00	23			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	19,106.00	34			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,812.00	27			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	18,034.00	32			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	18,884.00	34			0				0	0	0.000	
St. Pete Pier													
TOTAL UNIT 1	0.35	65.71	25			0				0	0	0.000	
TOTAL Solar	775	157,885.71				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1	521	141,286.00	36			11,020	Gas	1,524,915	1,021	1,556,939	13,532,332	9.578	8.874
Crystal River 4 & 5													
TOTAL UNIT 4	721	228,055.00	43			10,868	Coal No 2	110,598 1,482	22,334 5,738	2,470,096 8,504	8,645,783 243,704	3.791 0.000	78.173 164.442
TOTAL UNIT 5	721	196,551.00	37			11,167	Coal No 2	97,668 2,359	22,334 5,737	2,181,317 13,533	7,635,005 387,920	3.884 0.000	78.173 164.442
TOTAL Steam	1,963	565,892.00				11,010				6,230,388	30,444,744	5.380	
Gas Turbine													
Bartow Combined Cycle													
TOTAL BCC	1,259	669,270.00	71			7,890	Gas	5,176,796	1,020	5,280,331	46,107,566	6.889	8.907
Bartow Peaker		669,270.00								5,280,331	46,107,566	6.889	

A-4 System Net Generation and Fuel Cost Report

Report Period : 5/1/2022 to 5/1/2022

Duke Energy Florida, LLC

A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC	EQUIV AVAIL FAC(%)	NET OUTPUT FAC(%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
		387.58					No 2	1,093	5.715	6,247	130,817	33.752	119.686
TOTAL BAP	170	1,347.42	1			16,117	Gas	21,270	1.021	21,717	189,726	14.081	8.920
Bayboro Peaker		130.40	0				No 2	277	5.728	1,587	32,679	25.061	117.975
TOTAL BYP	229	130.00	0			12,167				1,587	32,679	25.061	
Citrus County		761,307.00	55				Gas	5,103,306	1.025	5,230,889	49,500,413	6.502	9.700
TOTAL CCCC	1,854	761,307.00	55			6,871				5,230,889	49,500,413	6.502	
Debary Peaker		73.93					No 2	6,825	5.786	39,489	785,746	25.307	115.120
TOTAL DEP	707	23,997.07	5			12,679	Gas	297,698	1.022	304,247	2,670,401	11.128	8.970
Hines Energy		993,719.00	62				Gas	7,205,810	1.022	7,364,339	54,354,095	5.470	7.543
TOTAL HEP	2,169	993,719.00	62			7,411				7,364,339	54,354,095	5.470	
Intercession City Peaker		2,097.18					No 2	4,936	5.801	28,633	484,467	23.101	98.150
TOTAL ICP	1,039	51,779.27	7			13,653	Gas	689,704	1.025	706,947	6,168,964	11.914	8.944
Osprey		178,663.00	39				Gas	1,309,162	1.024	1,340,582	11,703,581	6.551	8.940
TOTAL OSP	611	178,663.00	39			7,503				1,340,582	11,703,581	6.551	
Suwannee Peaker		21.59					No 2	53	5.820	308	4,874	22.578	91.968
TOTAL SRP	203	7,341.91	5			14,287	Gas	102,838	1.020	104,894	921,202	12.547	8.958
Tiger Bay Cogen		148,923.00	87				Gas	1,114,587	1.022	1,139,108	9,951,020	6.682	8.928
TOTAL TBP	230	148,923.00	87			7,649				1,139,108	9,951,020	6.682	
Univ of Florida Cogen		34,654.00	93				Gas	323,740	1.022	330,862	2,763,585	7.975	8.536
TOTAL UFP	50	34,654.00	93			9,547				330,862	2,763,585	7.975	
TOTAL Gas Turbine	8,521	2,873,713.00				7,607				21,900,180	185,769,136	6.438	0.000
SYSTEM TOTAL	11,203	3,597,490.56				7,818				28,130,568	216,213,880	5.996	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 5/1/2022

Duke Energy Florida, LLC

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Bay Trail Solar													
TOTAL UNIT 1	58	358.00	1			0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	77,285.00	28			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	62,267.00	23			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	76,647.00	29			0				0	0	0.000	
Fort Green Solar													
TOTAL UNIT 1	74	3,957.00	7			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	66,916.00	25			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	37,508.00	23			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	2,700.00	19			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	3,538.00	20			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1	74	12,924.00	5			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	71,814.00	26			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	7,929.00	24			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	71,808.00	26			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	73,174.00	27			0				0	0	0.000	
St. Pete Pier	0.35	277.92	22			0				0	0	0.000	
TOTAL Solar	775	569,102.92				0				0	0	0.000	
Steam													
Anclote													
		491,469.00					Gas	5,293,305	1.021	5,405,900	38,356,471	7.804	7.246
TOTAL UNIT 1	521	491,469.00	26			10,999				5,405,900	38,356,471	7.804	
		264,987.00					Gas	3,102,832	1.022	3,169,918	19,262,711	7.269	6.208
TOTAL UNIT 2	514	264,987.00	14			11,963				3,169,918	19,262,711	7.269	
Crystal River 4 & 5													
		605,607.00					Coal	288,455	22.512	6,493,560	23,407,447	3.865	81.148
		0.00					No 2	10,264	5.738	58,893	1,500,101	0.000	146.152
TOTAL UNIT 4	721	605,607.00	23			10,820				6,552,453	24,907,548	4.113	
		1,131,606.00					Coal	525,132	22.572	11,853,254	43,224,852	3.820	82.312
		0.00					No 2	10,479	5.739	60,141	1,466,755	0.000	139.971
TOTAL UNIT 5	721	1,131,606.00	43			10,528				11,913,395	44,691,607	3.949	
TOTAL Steam	1,963	2,493,669.00				10,844				27,041,666	127,218,337	5.102	
Gas Turbine													
Bartow Combined Cycle													
		91,279.62					No 2	122,179	5.712	697,890	16,096,933	17.686	132.129

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 5/1/2022

Duke Energy Florida, LLC

A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC	EQUIV AVAIL FAC(%)	NET OUTPUT FAC(%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
TOTAL BCC	1,259	2,348,133.38	53			7,646	Gas	17,625,439	1.019	17,952,949	126,577,049	5.391	7.181
Bartow Peaker		2,439,413.00								18,650,839	142,673,982	5.851	
		807.44					No 2	2,186	5.715	12,493	261,640	32.403	119.689
		4,746.56					Gas	71,893	1.021	73,437	506,517	10.671	7.045
TOTAL BAP	223	5,554.00	1			15,472				85,930	768,157	13.831	
Bayboro Peaker													
		832.90					No 2	2,121	5.713	12,117	249,583	29.965	117.672
TOTAL BYP	229	833.00	0			14,548				12,117	249,583	29.965	
Citrus County													
		4,493,880.00					Gas	29,921,751	1.026	30,699,199	225,479,176	5.017	7.536
TOTAL CCCC	1,854	4,493,880.00	67			6,831				30,699,199	225,479,176	5.017	
Debary Peaker													
		3,581.54					No 2	14,872	5.768	85,781	1,708,739	26.293	114.893
		39,401.46					Gas	509,738	1.022	520,883	4,122,356	10.462	8.087
TOTAL DEP	707	42,983.00	2			13,220				606,664	5,831,095	11.782	
Hines Energy													
		4,537,360.00					Gas	32,553,832	1.021	33,225,251	216,742,335	4.777	6.658
TOTAL HEP	2,169	4,537,360.00	58			7,323				33,225,251	216,742,335	4.777	
Intercession City Peaker													
		9,243.77					No 2	23,043	5.553	127,960	2,262,320	24.474	98.178
		107,344.47					Gas	1,449,773	1.025	1,485,952	11,116,976	10.356	7.668
TOTAL ICP	1,135	116,588.00	3			13,843				1,613,911	13,379,296	11.476	
Osprey													
		360,346.00					Gas	2,637,100	1.025	2,702,655	20,007,043	5.552	7.587
TOTAL OSP	611	360,346.00	16			7,500				2,702,655	20,007,043	5.552	
Suwannee Peaker													
		507.73					No 2	1,063	5.820	6,186	97,762	19.254	91.968
		17,570.67					Gas	209,960	1.021	214,345	1,809,811	10.287	8.620
TOTAL SRP	204	18,078.10	2			12,184				220,531	1,907,572	10.539	
Tiger Bay Cogen													
		523,430.00					Gas	3,938,699	1.020	4,017,909	27,049,317	5.168	6.868
TOTAL TBP	230	523,430.00	63			7,676				4,017,909	27,049,317	5.168	
Univ of Florida Cogen													
		158,257.70					Gas	1,545,918	1.023	1,581,010	10,210,310	6.452	6.605
TOTAL UFP	50	158,258.00	87			9,990				1,581,010	10,210,310	6.452	
TOTAL Gas Turbine	8,671	12,696,723.10				7,354				93,416,017	664,297,865	5.226	0.000
SYSTEM TOTAL	11,427	15,759,495.16				7,643				120,457,683	791,516,202	5.019	

A-5 System Generation Fuel Cost Report

Report Period : 5/1/2022 to 5/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.00%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00%
4 - AMOUNT (\$)	0	0	0	0.00%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.00%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00%
8 - AMOUNT (\$)	0	0	0	0.00%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0		0	0.00%
11 - AMOUNT (\$)	0		0	0.00%
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.00%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00%
15 - AMOUNT (\$)	0	0	0	0.00%
16 -				
17 - DAYS SUPPLY	0	0	0	0.00%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	5,844	8,001	(2,157)	(27.0%)
20 - UNIT COST (\$/BBL)	181.23	109.82	71.41	65.0%
21 - AMOUNT (\$)	1,059,103	878,659	180,444	20.5%
22 - BURNED				
23 - UNITS (BBL)	17,025	8,001	9,024	112.8%
24 - UNIT COST (\$/BBL)	121.59	109.82	11.78	10.7%
25 - AMOUNT (\$)	2,070,206	878,659	1,191,547	135.6%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	439,445	440,951	(1,506)	(0.3%)
31 - UNIT COST (\$/BBL)	112.08	106.09	5.99	5.6%
32 - AMOUNT (\$)	49,255,113	46,781,343	2,473,770	5.3%
33 -				
34 - DAYS SUPPLY	1,334	1,653	(319)	(19.3%)

A-5 System Generation Fuel Cost Report

Report Period : 5/1/2022 to 5/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	151,687	132,573	19,114	14.4%
37 - UNIT COST (\$/TON)	67.18	83.75	(16.57)	(19.8%)
38 - AMOUNT (\$)	10,189,926	11,102,351	(912,425)	(8.2%)
39 - BURNED				
40 - UNITS (TON)	208,266	132,573	75,693	57.1%
41 - UNIT COST (\$/TON)	78.17	83.75	(5.57)	(6.7%)
42 - AMOUNT (\$)	16,280,788	11,102,351	5,178,437	46.6%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	401,839	536,876	(135,037)	(25.2%)
48 - UNIT COST (\$/TON)	78.17	75.50	2.68	3.5%
49 - AMOUNT (\$)	31,412,948	40,532,872	(9,119,924)	(22.5%)
50 -				
51 - DAYS SUPPLY	60	121	(62)	(50.8%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	22,869,826	22,897,619	(27,793)	(0.1%)
54 - UNIT COST (\$/MCF)	8.65	5.06	3.59	71.1%
55 - AMOUNT (\$)	197,862,885	115,815,414	82,047,471	70.8%
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2022 to 5/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
4 - AMOUNT (\$)	0	0	0	0.0%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	166,309	178,079	(11,770)	(6.6%)
20 - UNIT COST (\$/BBL)	140.73	106.01	34.72	32.8%
21 - AMOUNT (\$)	23,405,185	18,877,877	4,527,308	24.0%
22 - BURNED				
23 - UNITS (BBL)	186,207	178,079	8,128	4.6%
24 - UNIT COST (\$/BBL)	126.98	106.01	20.97	19.8%
25 - AMOUNT (\$)	23,643,833	18,877,877	4,765,956	25.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	439,445	440,951	(1,506)	(0.3%)
31 - UNIT COST (\$/BBL)	112.08	106.09	5.99	5.6%
32 - AMOUNT (\$)	49,255,113	46,781,343	2,473,770	5.3%
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2022 to 5/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	633,213	256,818	376,395	146.6%
37 - UNIT COST (\$/TON)	83.50	98.79	(15.29)	(15.5%)
38 - AMOUNT (\$)	52,872,909	25,370,618	27,502,291	108.4%
39 - BURNED				
40 - UNITS (TON)	813,587	256,818	556,766	216.8%
41 - UNIT COST (\$/TON)	81.90	98.79	(16.89)	(17.1%)
42 - AMOUNT (\$)	66,632,299	25,370,618	41,261,681	162.6%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	401,839	536,876	(135,037)	(25.2%)
48 - UNIT COST (\$/TON)	78.17	75.50	2.68	3.5%
49 - AMOUNT (\$)	31,412,948	40,532,872	(9,119,924)	(22.5%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	98,860,240	100,155,504	(1,295,264)	(1.3%)
54 - UNIT COST (\$/MCF)	7.09	5.23	1.86	35.6%
55 - AMOUNT (\$)	701,240,070	523,898,446	177,341,624	33.9%
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%