



Stephanie A. Cuello
SENIOR COUNSEL

June 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 Schedules A1 through A9 and A12 for the reporting month of June, 2022.

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/ts
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 June, 2022.

s/ Stephanie A. Cuello

Stephanie A. Cuello

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JUNE 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)	299,073,717	138,965,508	160,108,209	115.2	4,308,648	3,995,833	312,815	7.8	6.9412	3.4778	3.4634	99.6
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,064,404	1,041,699	22,706	2.2	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	300,138,121	140,007,207	160,130,915	114.4	4,308,648	3,995,833	312,815	7.8	6.9659	3.5038	3.4621	98.8
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	39,393,693	4,444,468	34,949,225	786.4	343,374	70,717	272,657	385.6	11.4725	6.2849	5.1876	82.5
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)	4,217,792	772,400	3,445,392	446.1	39,091	13,706	25,385	185.2	10.7897	5.6356	5.1541	91.5
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	11,198,710	11,550,087	(351,377)	(3.0)	212,895	226,294	(13,399)	(5.9)	5.2602	5.1040	0.1562	3.1
9 TOTAL COST OF PURCHASED POWER	54,810,195	16,766,955	38,043,240	226.9	595,360	310,716	284,644	91.6	9.2062	5.3962	3.8100	70.6
10 TOTAL AVAILABLE MWH					4,904,008	4,306,549	597,459	14				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,261,262)	(93,874)	(1,167,388)	1,243.6	(21,078)	(1,932)	(19,146)	990.9	5.9838	4.8584	1.1254	23.2
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(203,650)	(24,667)	(178,983)	725.6	(21,078)	(1,932)	(19,146)	990.9	0.9662	1.2766	(0.3104)	(24.3)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	40,730	107,180	(66,450)	(62.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(42,961,040)	(9,646,735)	(33,314,305)	345.3	(585,887)	(279,063)	(306,824)	110.0	7.3326	3.4568	3.8758	112.1
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(44,385,222)	(9,658,096)	(34,727,126)	359.6	(606,965)	(280,995)	(325,970)	116.0	7.3126	3.4371	3.8755	112.8
14 NET INADVERTENT AND WHEELED INTERCHANGE					23,502	0	23,502					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	310,563,094	147,116,066	163,447,028	111.1	4,320,545	4,025,554	294,991	7.3	7.1881	3.6546	3.5335	96.7
16 NET UNBILLED	13,382,524	7,563,404	5,819,120	76.9	(186,177)	(206,958)	20,781	(10.0)	0.3326	0.2104	0.1222	58.1
17 COMPANY USE	516,248	420,672	95,576	22.7	(7,182)	(11,511)	4,329	(37.6)	0.0128	0.0117	0.0011	9.4
18 T & D LOSSES	7,431,780	7,767,382	(335,602)	(4.3)	(103,391)	(212,540)	109,149	(51.4)	0.1847	0.2161	(0.0314)	(14.5)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	310,563,094	147,116,066	163,447,028	111.1	4,023,795	3,594,545	429,250	11.9	7.7182	4.0928	3.6254	88.6
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(7,282,027)	(88,270)	(7,193,756)	8,149.8	(94,349)	(2,298)	(92,051)	4,005.4	7.7182	3.8408	3.8774	101.0
21 JURISDICTIONAL KWH SALES	303,281,067	147,027,796	156,253,271	106.3	3,929,446	3,592,247	337,199	9.4	7.7182	4.0929	3.6253	88.6
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	303,396,314	147,068,964	156,327,350	106.3	3,929,446	3,592,247	337,199	9.4	7.7211	4.0941	3.6270	88.6
23 PRIOR PERIOD TRUE-UP	36,470,185	36,470,185	0	0.0	3,929,446	3,592,247	337,199	9.4	0.9281	1.0152	(0.0871)	(8.6)
24 TOTAL JURISDICTIONAL FUEL COST	339,866,499	183,539,149	156,327,350	85.2	3,929,446	3,592,247	337,199	9.4	8.6492	5.1093	3.5399	69.3
25 GPIF	221,440	221,440	(0)	0.0	3,929,446	3,592,247	337,199	9.4	0.0056	0.0062	(0.0006)	(9.7)
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	1,375,945	(1,375,945)	(100.0)	3,929,446	3,592,247	337,199	9.4	0.0000	0.0383	(0.0383)	(100.0)
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									8.655	5.154	3.501	67.9

*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 - JUNE 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)	1,090,589,919	707,112,449	383,477,470	54.2	20,068,143	19,541,310	526,833	2.7	5.4344	3.6186	1.8158	50.2
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	6,985,817	6,117,560	868,257	14.2	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	1,097,575,736	713,230,009	384,345,727	53.9	20,068,143	19,541,310	526,833	2.7	5.4692	3.6499	1.8193	49.9
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	95,548,268	12,570,347	82,977,921	660.1	915,187	188,338	726,849	385.9	10.4403	6.6744	3.7659	56.4
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)	37,392,405	2,850,754	34,541,651	1,211.7	383,747	51,382	332,365	646.9	9.7440	5.5482	4.1958	75.6
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	61,002,626	67,802,513	(6,799,887)	(10.0)	1,183,813	1,297,762	(113,949)	(8.8)	5.1531	5.2246	(0.0715)	(1.4)
9 TOTAL COST OF PURCHASED POWER	193,943,299	83,223,614	110,719,685	133.0	2,482,748	1,537,482	945,265	61.5	7.8116	5.4130	2.3986	44.3
10 TOTAL AVAILABLE MWH					22,550,890	21,078,792	1,472,099	7.0				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(10,746,898)	(8,213,666)	(2,533,232)	30.8	(268,424)	(187,189)	(81,235)	43.4	4.0037	4.3879	(0.3842)	(8.8)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,534,003)	(2,158,275)	(375,728)	17.4	(268,424)	(187,189)	(81,235)	43.4	0.9440	1.1530	(0.2090)	(18.1)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	124,918	107,180	17,738	16.6	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(90,776,551)	(34,100,076)	(56,676,475)	166.2	(1,760,912)	(938,425)	(822,487)	87.7	5.1551	3.6338	1.5213	41.9
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(103,932,533)	(44,364,836)	(59,567,697)	134.3	(2,029,336)	(1,125,614)	(903,722)	80.3	5.1215	3.9414	1.1801	29.9
14 NET INADVERTENT AND WHEELED INTERCHANGE					104,148	0	104,148					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	1,187,586,501	752,088,786	435,497,716	57.9	20,625,702	19,953,178	672,525	3.4	5.7578	3.7693	1.9885	52.8
16 NET UNBILLED	67,059,072	25,105,166	41,953,906	167.1	(1,216,488)	(677,639)	(538,849)	79.5	0.3527	0.1384	0.2143	154.8
17 COMPANY USE	3,521,678	3,016,053	505,625	16.8	(64,670)	(79,894)	15,224	(19.1)	0.0185	0.0166	0.0019	11.5
18 T & D LOSSES	21,883,718	39,712,068	(17,828,350)	(44.9)	(331,758)	(1,053,573)	721,815	(68.5)	0.1151	0.2189	(0.1038)	(47.4)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,187,586,501	752,088,786	435,497,716	57.9	19,012,787	18,142,072	870,715	4.8	6.2463	4.1456	2.1007	50.7
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(7,643,261)	(274,565)	(7,368,696)	2,683.8	(99,045)	(7,104)	(91,941)	1,294.2	7.7169	3.8648	3.8521	99.7
21 JURISDICTIONAL KWH SALES	1,179,943,241	751,814,221	428,129,020	57.0	18,913,742	18,134,967	778,774	4.3	6.2386	4.1457	2.0929	50.5
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	1,180,362,499	752,024,729	428,337,770	57.0	18,913,742	18,134,967	778,774	4.3	6.2408	4.1468	2.0940	50.5
23 PRIOR PERIOD TRUE-UP	166,450,540	166,450,538	2	0.0	18,913,742	18,134,967	778,774	4.3	0.8801	0.9178	(0.0377)	(4.1)
24 TOTAL JURISDICTIONAL FUEL COST	1,346,813,039	918,475,267	428,337,772	46.6	18,913,742	18,134,967	778,774	4.3	7.1209	5.0646	2.0563	40.6
25 GPIF	1,328,640	1,328,640	(0)	0.0	18,913,742	18,134,967	778,774	4.3	0.0070	0.0073	(0.0003)	104.3
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	2,155,567	(2,155,567)	(100.0)	18,913,742	18,134,967	778,774	4.3	0.0000	0.0119	(0.0119)	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									7.128	5.084	2.044	40.2

*Line 11a. MWH Data for Informational Purposes Only
*Line 16 and 18. \$ Data for Informational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JUNE 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	\$299,073,717	138,965,508	\$160,108,209	115.2	\$1,090,589,919	\$707,112,449	\$383,477,470	54.2
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(1,261,262)	(93,874)	(1,167,388)	1,243.6	(10,746,898)	(8,213,666)	(2,533,232)	30.8
2a. GAIN ON POWER SALES	(162,920)	82,513	(245,433)	(297.5)	(2,409,084)	(2,051,095)	(357,989)	17.5
3 . FUEL COST OF PURCHASED POWER	39,393,693	4,444,468	34,949,225	786.4	95,548,268	12,570,347	82,977,921	660.1
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	11,198,710	11,550,087	(351,377)	(3.0)	61,002,626	67,802,513	(6,799,887)	(10.0)
4 . ENERGY COST OF ECONOMY PURCHASES	4,217,792	772,400	3,445,392	446.1	37,392,405	2,850,754	34,541,651	1,211.7
5 . TOTAL FUEL & NET POWER TRANSACTIONS	352,459,730	155,721,102	196,738,628	126.3	1,271,377,235	780,071,302	491,305,934	63.0
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(42,961,040)	(9,646,735)	(33,314,305)	345.3	(90,776,551)	(34,100,076)	(56,676,475)	166.2
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,064,404	1,041,699	22,706	2.2	6,985,817	6,117,560	868,257	14.2
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$310,563,094	\$147,116,066	\$163,447,028	111.1	\$1,187,586,501	\$752,088,786	\$435,497,716	57.9
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)	2,345	0	2,345		2,489	0	2,489	
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	1,062,059	0	1,062,059		6,300,688	0	6,300,688	
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	\$1,064,404	\$0	\$1,064,404		\$6,985,817	\$0	\$6,985,817	
B. KWH SALES								
1 . JURISDICTIONAL SALES	3,929,445,278	3,592,246,745	337,198,533	9.4	18,913,742,158	18,134,967,474	778,774,684	4.3
2 . NON JURISDICTIONAL (WHOLESALE) SALES	94,349,205	2,298,193	92,051,012	4,005.4	99,045,357	7,104,245	91,941,112	1,294.2
3 . TOTAL SALES	4,023,794,483	3,594,544,938	429,249,545	11.9	19,012,787,515	18,142,071,719	870,715,796	4.8
4 . JURISDICTIONAL SALES % OF TOTAL SALES	97.66	99.94	(2.28)	(2.3)	99.48	99.94	(0.46)	(0.5)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$186,765,313	\$171,714,710	\$15,050,604	8.8	\$846,284,487	\$819,836,722	\$26,447,765	3.2
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	(166,450,540)	(166,450,538)	(2)	0.0
2b. INCENTIVE PROVISION	(221,440)	(221,440)	0	0.0	(1,328,640)	(1,328,640)	0	0.0
2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	(1,375,945)	1,375,945	(100.0)	0	(2,155,557)	2,155,557	(100.0)
3. TOTAL JURISDICTIONAL FUEL REVENUE	150,073,688	133,647,140	16,426,548	12.3	678,505,307	649,901,987	28,603,320	4.4
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	310,563,094	147,116,066	163,447,028	111.1	1,187,586,501	752,088,786	435,497,716	57.9
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	97.66	99.94	(2.28)	(2.3)	99.48	99.94	(0.46)	(0.5)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00038 LOSS MULTIPLIER)	303,396,314	147,068,964	156,327,350	106.3	1,180,362,499	752,024,729	428,337,770	57.0
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(153,322,626)	(13,421,824)	(139,900,801)	1,042.3	(501,857,192)	(102,122,742)	(399,734,450)	391.4
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(828,441)	(32,315)	(796,126)	2,463.7	(1,691,151)	(196,847)	(1,494,304)	759.1
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(631,941,074)	(374,343,419)	(257,597,655)	68.8	(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	166,450,540	166,450,538	2	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(749,621,955)	(351,327,373)	(398,294,582)	113.4	(749,621,955)	(351,327,373)	(398,294,582)	113.4
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$749,621,955)	(351,327,373)	(398,294,582)	113.4	(\$749,621,955)	(351,327,373)	(398,294,582)	113.4
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$631,941,074)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(748,793,514)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(1,380,734,588)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(690,367,294)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.120	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.760	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	2.880	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.440	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.120	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$828,441)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 6/1/2022 to 6/1/2022

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	2,058,189	1,076,384	981,805	91.2 %
3 - COAL	16,834,439	11,929,691	4,904,748	41.1 %
4 - GAS	280,181,089	125,959,433	154,221,656	122.4 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	299,073,717	138,965,508	160,108,209	115.2 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	5,059	5,223	(164)	(3.1 %)
11 - COAL	445,374	315,619	129,755	41.1 %
12 - GAS	3,684,973	3,483,448	201,525	5.8 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	173,242	191,542	(18,300)	(9.6 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	4,308,648	3,995,832	312,816	7.8 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	16,407	10,122	6,285	62.1 %
19 - COAL (TON)	221,900	144,039	77,861	54.1 %
20 - GAS (MCF)	27,492,718	25,339,856	2,152,862	8.5 %
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	94,423	58,966	35,457	60.1 %
26 - COAL	5,018,934	3,363,333	1,655,601	49.2 %
27 - GAS	28,079,125	25,339,856	2,739,269	10.8 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	33,192,482	28,762,155	4,430,327	15.4 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.1	0.13	(0.01)	(10.2 %)
34 - COAL	10.3	7.90	2.44	30.9 %
35 - GAS	85.5	87.18	(1.65)	(1.9 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	4.0	4.79	(0.77)	(16.1 %)
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 : 6/1/2022 to 6/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	125.45	106.34	19.10	18.0 %
42 - COAL (\$/TON)	75.86	82.82	(6.96)	(8.4 %)
43 - GAS (\$/MCF)	10.19	4.97	5.22	105.0 %
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	21.80	18.25	3.54	19.4 %
49 - COAL	3.35	3.55	(0.19)	(5.4 %)
50 - GAS	9.98	4.97	5.01	100.7 %
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)	9.01	4.83	4.18	86.5 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	18,666	11,290	7,376	65.3 %
57 - COAL	11,269	10,656	613	5.7 %
58 - GAS	7,620	7,274	346	4.8 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,704	7,198	506	7.0 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	40.69	20.61	20.08	97.4 %
65 - COAL	3.78	3.78	0.00	0.0 %
66 - GAS	7.60	3.62	3.99	110.3 %
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)	6.94	3.48	3.46	99.6 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2022 to 6/1/2022

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	25,702,022	19,954,261	5,747,761	28.8 %
3 - COAL	83,466,738	37,300,309	46,166,429	123.8 %
4 - GAS	981,421,159	649,857,879	331,563,280	51.0 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	1,090,589,919	707,112,449	383,477,470	54.2 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	112,163	135,116	(22,953)	(17.0 %)
11 - COAL	2,182,587	878,684	1,303,903	148.4 %
12 - GAS	17,031,048	17,607,727	(576,679)	(3.3 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	742,345	919,783	(177,438)	(19.3 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	20,068,143	19,541,310	526,833	2.7 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	202,608	188,201	14,407	7.7 %
19 - COAL (TON)	1,035,487	400,857	634,630	158.3 %
20 - GAS (MCF)	126,352,958	125,495,360	857,598	0.7 %
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	1,155,845	1,096,330	59,515	5.4 %
26 - COAL	23,365,749	9,353,913	14,011,836	149.8 %
27 - GAS	129,128,533	125,495,360	3,633,173	2.9 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	153,650,127	135,945,603	17,704,524	13.0 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.6	0.69	(0.13)	(19.2 %)
34 - COAL	10.9	4.50	6.38	141.9 %
35 - GAS	84.9	90.11	(5.24)	(5.8 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	3.7	4.71	(1.01)	(21.4 %)
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 6/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	126.86	106.03	20.83	19.6 %
42 - COAL (\$/TON)	80.61	93.05	(12.45)	(13.4 %)
43 - GAS (\$/MCF)	7.77	5.18	2.59	50.0 %
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	22.24	18.20	4.04	22.2 %
49 - COAL	3.57	3.99	(0.42)	(10.4 %)
50 - GAS	7.60	5.18	2.42	46.8 %
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)	7.10	5.20	1.90	36.5 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	10,305	8,114	2,191	27.0 %
57 - COAL	10,706	10,645	60	0.6 %
58 - GAS	7,582	7,127	455	6.4 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,656	6,957	700	10.1 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	22.91	14.77	8.15	55.2 %
65 - COAL	3.82	4.25	(0.42)	(9.9 %)
66 - GAS	5.76	3.69	2.07	56.1 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	5.43	3.62	1.82	50.2 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 6/1/2022 to 6/1/2022

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	10,192.00	25			0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	19,695.00	36			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	13,371.00	25			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	15,099.00	28			0				0	0	0.000	
Fort Green Solar													
TOTAL UNIT 1	74	13,297.00	25			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	19,326.00	36			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	8,470.00	26			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	441.00	15			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	647.00	18			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1	74	17,417.00	33			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	17,624.00	33			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,349.00	21			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	17,982.00	33			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	18,268.00	34			0				0	0	0.000	
St. Pete Pier													
TOTAL Unit 1	0.35	64.10	25			0				0	0	0.000	
TOTAL Solar	775	173,242.10				0				0	0	0.000	
Steam													
Anclote													
		101,751.00					Gas	1,126,222	1.021	1,149,873	11,297,221	11.103	10.031
TOTAL UNIT 1	521	101,751.00	27			11,301				1,149,873	11,297,221	11.103	
		101,028.00					Gas	1,137,165	1.021	1,161,046	11,406,991	11.291	10.031
TOTAL UNIT 2	514	101,028.00	27			11,492				1,161,046	11,406,991	11.291	
Crystal River 4 & 5													
		232,481.00					Coal	117,600	22.618	2,659,877	8,921,722	3.838	75.865
		0.00					No 2	2,056	5.725	11,771	346,390	0.000	168.478
TOTAL UNIT 4	721	232,481.00	45			11,492				2,671,648	9,268,112	3.987	
		212,893.00					Coal	104,300	22.618	2,359,057	7,912,717	3.717	75.865
		0.00					No 2	1,866	5.726	10,684	314,379	0.000	168.478
TOTAL UNIT 5	721	212,893.00	41			11,131				2,369,741	8,227,097	3.864	
TOTAL Steam	2,477	648,153.00				11,343				7,352,307	40,199,421	6.202	
Gas Turbine													
Bartow Combined Cycle													

A-4 System Net Generation and Fuel Cost Report

Report Period : 6/1/2022 to 6/1/2022

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	704,122.00	78			7,358	Gas	5,084,480	1.019	5,181,086	50,281,085	7.141	9.889
Bartow Peaker													
		771.31					No 2	1,968	5.712	11,242	235,472	30.529	119.650
TOTAL BAP	223	3,551.69	3			14,575	Gas	50,653	1.022	51,767	510,198	14.365	10.072
Bayboro Peaker		4,323.00								63,009	745,670	17.249	
TOTAL BYP	229	249.20	0			14,409	No 2	629	5.709	3,591	73,955	29.677	117.575
Citrus County		249.00								3,591	73,955	29.677	
TOTAL CCCC	1,854	1,071,443.00	80			6,831	Gas	7,147,139	1.024	7,318,670	77,697,383	7.252	10.871
Debary Peaker		1,071,443.00								7,318,670	77,697,383	7.252	
		2,784.30					No 2	6,924	5.768	39,936	797,026	0.682	115.111
TOTAL DEP	707	12,720.70	3			14,343	Gas	178,354	1.023	182,457	1,707,927	13.426	9.576
Hines Energy		15,505.00								222,393	2,504,954	11.138	
TOTAL HEP	2,169	1,163,657.00	75			7,387	Gas	8,427,810	1.020	8,596,366	84,169,461	7.233	9.987
Intercession City Peaker		1,163,657.00								8,596,366	84,169,461	7.233	
		1,253.57					No 2	2,964	5.803	17,199	290,967	23.211	98.167
TOTAL ICP	1,135	57,910.43	7			13,720	Gas	775,895	1.024	794,516	7,707,565	13.309	9.934
Osprey		59,164.00								811,715	7,998,532	13.519	
TOTAL OSP	611	284,200.00	66			7,262	Gas	2,057,261	1.023	2,104,579	20,549,303	7.091	9.989
Suwannee Peaker		284,200.00								2,104,579	20,549,303	7.091	
TOTAL SRP	203	9,030.60	6			14,486	Gas	128,002	1.022	130,818	1,281,748	14.193	10.013
Tiger Bay Cogen		9,031.00								130,818	1,281,748	14.193	
TOTAL TBP	230	142,770.00	86			7,654	Gas	1,071,286	1.020	1,092,712	10,600,346	7.425	9.895
Univ of Florida Cogen		142,770.00								1,092,712	10,600,346	7.425	
TOTAL UFP	50	32,789.10	91			9,614	Gas	308,451	1.022	315,237	2,971,859	9.064	9.635
TOTAL Gas Turbine	8,670	32,789.00				7,398				315,237	2,971,859	9.064	
TOTAL Gas Turbine	8,670	3,487,253.00				7,398				25,840,174	258,874,297	7.389	0.000
SYSTEM TOTAL	11,941	4,308,648.00				7,694				33,192,482	299,073,717	6.914	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 6/1/2022

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	10,550.00	13			0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	96,980.00	30			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	75,638.00	24			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	91,746.00	28			0				0	0	0.000	
Fort Green Solar													
TOTAL UNIT 1	74	17,254.00	16			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	86,242.00	26			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	45,978.00	24			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	3,141.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	4,185.00	19			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1	74	30,341.00	9			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	89,438.00	27			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	9,278.00	24			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	89,790.00	28			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	91,442.00	28			0				0	0	0.000	
St. Pete Pier													
TOTAL Unit 1	0.35	342.02	22			0				0	0	0.000	
TOTAL Solar													
TOTAL UNIT 1	775	742,345.02				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1	521	593,220.00	26			11,051	Gas	6,419,527	1.021	6,555,772	49,653,692	8.370	7.735
TOTAL UNIT 2	514	366,015.00	16			11,833	Gas	4,239,997	1.021	4,330,964	30,669,702	8.379	7.233
Crystal River 4 & 5													
TOTAL UNIT 4	721	838,088.00	27			11,006	Coal No 2	406,055 12,320	22.542 5.736	9,153,437 70,664	32,329,169 1,846,491	3.857 0.000	79.618 149.878
TOTAL UNIT 5	721	1,344,499.00	43			10,623	Coal No 2	629,432 12,345	22.580 5.737	14,212,311 70,825	51,137,569 1,781,134	3.803 0.000	81.244 144.280
TOTAL Steam	2,477	3,141,822.00				10,947				34,393,973	167,417,757	5.329	
Gas Turbine													
Bartow Combined Cycle													

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 6/1/2022

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 (\$)
		92,054.72					No 2	122,179	5.712	697,890	16,096,933	17.537	132.129
TOTAL BCC	1,259	3,051,480.28	57			7,581	Gas	22,709,919	1.019	23,134,035	176,858,134	5.796	7.788
Bartow Peaker										23,831,925	192,955,067	6.140	
		1,573.98					No 2	4,154	5.714	23,735	497,112	31.583	119.671
TOTAL BAP	223	8,303.02	1			15,079	Gas	122,546	1.022	125,204	1,016,715	12.245	8.297
Bayboro Peaker		9,877.00								148,939	1,513,826	15.327	
TOTAL BYP	229	1,082.10	0			14,516	No 2	2,750	5.712	15,708	323,538	29.899	117.650
Citrus County		1,082.00								15,708	323,538	29.899	
TOTAL CCCC	1,854	5,565,323.00	69			6,831	Gas	37,068,890	1.026	38,017,869	303,176,559	5.448	8.179
Debary Peaker		5,565,323.00								38,017,869	303,176,559	5.448	
		6,456.99					No 2	21,790	5.768	125,680	2,505,766	14.878	114.996
TOTAL DEP	707	52,031.01	2			13,518	Gas	688,092	1.022	703,340	5,830,283	11.205	8.473
Hines Energy		58,488.00								829,020	8,336,049	11.611	
TOTAL HEP	2,169	5,701,017.00	61			7,336	Gas	40,981,642	1.020	41,821,617	300,911,796	5.278	7.343
Intercession City Peaker		5,701,017.00								41,821,617	300,911,796	5.278	
		10,517.68					No 2	26,007	5.582	145,159	2,553,287	24.276	98.177
TOTAL ICP	1,135	165,234.56	4			13,801	Gas	2,225,668	1.025	2,280,468	18,824,540	11.393	8.458
Osprey		175,752.00								2,425,627	21,377,827	12.164	
TOTAL OSP	611	644,546.00	24			7,394	Gas	4,694,361	1.024	4,807,234	40,556,346	6.238	8.639
Suwannee Peaker		644,546.00								4,807,234	40,556,346	6.238	
		477.69					No 2	1,063	5.820	6,186	97,762	20.465	91.968
TOTAL SRP	204	26,631.31	3			12,950	Gas	337,962	1.021	345,162	3,091,559	11.599	9.148
Tiger Bay Cogen		27,109.10								351,349	3,189,320	11.755	
TOTAL TBP	230	666,200.00	67			7,671	Gas	5,009,985	1.020	5,110,620	37,649,663	5.651	7.515
Univ of Florida Cogen		666,200.00								5,110,620	37,649,663	5.651	
		191,046.80					Gas	1,854,369	1.023	1,896,247	13,182,169	6.900	7.109
TOTAL UFP	50	191,047.00	88			9,926				1,896,247	13,182,169	6.900	
TOTAL Gas Turbine	8,671	16,183,976.10				7,364				119,256,154	923,172,161	5.693	0.000
SYSTEM TOTAL	11,942	20,068,143.16				7,654				153,650,127	1,090,589,919	5.426	

A-5 System Generation Fuel Cost Report

Report Period : 6/1/2022 to 6/1/2022

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)	2,476	10,122	(7,646)	(75.5%)
20 - UNIT COST (\$/BBL)	183.16	106.34	76.82	72.2%
21 - AMOUNT (\$)	453,498	1,076,384	(622,886)	(57.9%)
22 - BURNED				
23 - UNITS (BBL)	16,407	10,122	6,285	62.1%
24 - UNIT COST (\$/BBL)	125.45	106.34	19.10	18.0%
25 - AMOUNT (\$)	2,058,189	1,076,384	981,805	91.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	432,176	440,951	(8,775)	(2.0%)
31 - UNIT COST (\$/BBL)	112.03	106.09	5.94	5.6%
32 - AMOUNT (\$)	48,417,459	46,781,343	1,636,116	3.5%
33 -				
34 - DAYS SUPPLY	1,365	1,307	58	4.4%

A-5 System Generation Fuel Cost Report

Report Period : 6/1/2022 to 6/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	210,381	144,039	66,342	46.1%
37 - UNIT COST (\$/TON)	71.46	82.82	(11.37)	(13.7%)
38 - AMOUNT (\$)	15,033,061	11,929,691	3,103,370	26.0%
39 - BURNED				
40 - UNITS (TON)	221,900	144,039	77,861	54.1%
41 - UNIT COST (\$/TON)	75.86	82.82	(6.96)	(8.4%)
42 - AMOUNT (\$)	16,834,439	11,929,691	4,904,748	41.1%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	390,319	536,876	(146,557)	(27.3%)
48 - UNIT COST (\$/TON)	75.87	75.50	0.37	0.5%
49 - AMOUNT (\$)	29,611,570	40,532,872	(10,921,302)	(26.9%)
50 -				
51 - DAYS SUPPLY	53	112	(59)	(52.8%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	27,492,718	25,339,856	2,152,862	8.5%
54 - UNIT COST (\$/MCF)	10.19	4.97	5.22	105.0%
55 - AMOUNT (\$)	280,181,089	125,959,433	154,221,656	122.4%
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 : 1/1/2022 to 6/1/2022

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)	168,785	188,201	(19,416)	(10.3%)
20 - UNIT COST (\$/BBL)	141.36	106.03	35.33	33.3%
21 - AMOUNT (\$)	23,858,683	19,954,261	3,904,422	19.6%
22 - BURNED				
23 - UNITS (BBL)	202,608	188,201	14,407	7.7%
24 - UNIT COST (\$/BBL)	126.86	106.03	20.83	19.6%
25 - AMOUNT (\$)	25,702,022	19,954,261	5,747,761	28.8%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	432,176	440,951	(8,775)	(2.0%)
31 - UNIT COST (\$/BBL)	112.03	106.09	5.94	5.6%
32 - AMOUNT (\$)	48,417,459	46,781,343	1,636,116	3.5%
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2022 to 6/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	843,594	400,857	442,737	110.4%
37 - UNIT COST (\$/TON)	80.50	93.05	(12.56)	(13.5%)
38 - AMOUNT (\$)	67,905,970	37,300,309	30,605,661	82.1%
39 - BURNED				
40 - UNITS (TON)	1,035,487	400,857	634,627	158.3%
41 - UNIT COST (\$/TON)	80.61	93.05	(12.44)	(13.4%)
42 - AMOUNT (\$)	83,466,738	37,300,309	46,166,429	123.8%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	390,319	536,876	(146,557)	(27.3%)
48 - UNIT COST (\$/TON)	75.87	75.50	0.37	0.5%
49 - AMOUNT (\$)	29,611,570	40,532,872	(10,921,302)	(26.9%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	126,352,958	125,495,360	857,598	0.7%
54 - UNIT COST (\$/MCF)	7.77	5.18	2.59	50.0%
55 - AMOUNT (\$)	981,421,159	649,857,879	331,563,280	51.0%
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
June 2022

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
ESTIMATED		1,932		1,932	4.858	6.135	93,874.00	118,541	24,667.00
ACTUAL									
Constellation Energy Generation, LLC	InternationalSwapsDe	93		93	6.507	7.520	6,051.51	6,993.60	942.09
Florida Municipal Power Agency	CR-1	100		100	6.977	6.620	6,977.00	6,620.00	(357.00)
Orlando Utilities Commission	Schedule OS	1,125		1,125	7.173	8.004	80,696.25	90,045.00	9,348.75
Reedy Creek Improvement District	CR-1	3,610		3,610	5.425	6.002	195,837.60	216,664.05	20,826.45
Tallahassee (City of)	CR-1	80		80	9.480	11.342	7,584.03	9,073.64	1,489.61
Tallahassee (City of)	Schedule A	80		80	8.376	10.258	6,700.80	8,206.40	1,505.60
Tampa Electric Company	Schedule J	550		550	12.052	13.935	66,285.48	76,640.26	10,354.78
The Energy Authority	Schedule OS	15,440		15,440	5.772	6.422	891,129.60	991,585.60	100,456.00
Adjustments									
PJM Settlements (JE)								15,483.88	15,483.88
Southern Company Services								4,726.04	4,726.04
Tampa Electric Company								38,740.76	38,740.76
PJM Settlements								132.55	132.55
Subtotal - Gain on Other Power Sales		21,078	-	21,078	5.984	6.950	1,261,262.27	1,464,911.78	203,649.51
CURRENT MONTH TOTAL		21,078		21,078	5.984	6.950	1,261,262.27	1,464,911.78	203,649.51
D FFERENCE		19,146		19,146	1.125	0.815	1,167,388.27	1,346,370.78	178,982.51
D FFERENCE %		990.88		990.88	23.16	13.28	1,243.57	1,135.78	725.59

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF
JUNE, 2022

(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		70,717			70,717	6.285	6.285	4,444,468.00	4,444,468.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	116,085			116,085	12.253	12.253	14,224,332.55	14,224,332.55
Vandolah Power Co. LLC (Northern Star)	TOLL	223,044			223,044	11.558	11.558	25,780,142.96	25,780,142.96
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	1,128			1,128	(12.014)	(12.014)	(135,512.42)	(135,512.42)
Vandolah Power Co. LLC (Northern Star)	TOLL	3,117			3,117	(15.248)	(15.248)	(475,270.58)	(475,270.58)
CURRENT MONTH TOTAL		343,374			343,374	11.473	11.473	39,393,692.51	39,393,692.51
DIFFERENCE		272,657			272,657	5.188	5.188	34,949,224.51	34,949,224.51
DIFFERENCE %		386			386	82.541	82.541	786.35	786.35
CUMULATIVE ACTUAL		915,187			915,187	10.440	10.440	95,548,267.52	95,548,267.52
CUMULATIVE ESTIMATED		188,338			188,338	6.674	6.674	12,570,347.00	12,570,347.00
DIFFERENCE		726,849			726,849	3.766	3.766	82,977,920.52	82,977,920.52
DIFFERENCE %		386			386	56.424	56.424	660.11	660.11

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF
JUNE, 2022

(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		226,294	-	-	226,294	5.104	18.446	11,550,087.14
ACTUAL								
Lake County (LAKCOUNT) ADJ	CO-GEN	89			89	8.063	8.063	7,175.98 9,419.64
Lee County (LEECOGAS) ADJ	CO-GEN				-	0.000	0.000	46,785.92 5,820.93
Metro-Dade County (METRDDAS) ADJ	CO-GEN	79			79	7	7.368	47,815.79 25,784.47
Orange Coagen (ORANGEAS) ADJ	CO-GEN	413			413	6	6.243	21,690.08 2,282,830.13
Orange Coagen (ORANGECO) ADJ	CO-GEN	36,200			36,200	6.306	23.917	160,687.59 6,288,164.91
Orlando Coagen Limited (ORLACOGL) ADJ	CO-GEN	85,580			85,580	7.348	15.594	514,559.77 474,658.87
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	16,203			16,203	2.929	17.255	(108,799.53) 4,776.34
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	67			67	7.107	7.107	962.00 (222,763.64)
Pinellas County Resource Recovery (P NCOUNT) ADJ	CO-GEN	35,167			35,167	2.929	18.744	2,008,164.66 (1,399,223.29)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	39,089			39,089	5.137	24.175	
CURRENT MONTH TOTAL		212,894.88			212,894.88	5.260206573	19.263	11,198,710.47
DIFFERENCE		-13,398.72			-13,398.72	0.156179265	0.8174591	-351,376.6689
DIFFERENCE %		(6)			(6)	3.060	4.432	(3.04)
CUMULATIVE ACTUAL		118,381.28			118,381.28	5.153063209	20.457707	6,100,262.98
CUMULATIVE ESTIMATED		129,776.6			129,776.6	5.224569774	19.1832788	6,780,251.54
CUMULATIVE DIFFERENCE		(113,950)			(113,950)	(0.072)	1.274	(6,799,886.56)
CUMULATIVE DIFFERENCE %		(9)			(9)	(1.369)	6.643	(10.03)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF
JUNE, 2022

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL KWH PURCHASED (000)	(4) ENERGY COST C/KWH	(5) TOTAL AMOUNT FOR FUEL ADJ \$	(6) COST IF GENERATED C/KWH	(7) COST IF GENERATED \$	(8) FUEL SAVINGS \$
ESTIMATED		13,706	5.636	772,400.00	6.471	886,863.00	114,463.00
ACTUAL							
SubTotal - Energy Purchases (Broker)							
SEPA	Hydro	5,071	5.144	260,856.92	5.144	260,856.92	-
Constellation Energy Generation, LLC	InternationalSwapsDe	5,397	13.415	724,000.00	14.042	757,848.34	33,848.34
Duke Electric Transmission	Transmission Purchase		0.000	10.60	0.000		(10.60)
Florida Power & Light Company	Transmission Purchase		0.000	27,229.50	0.000		(27,229.50)
Florida Power & Light Company		3,350	7.764	260,100.00	9.129	305,817.00	45,717.00
Macquarie Energy LLC		6,454	13.718	885,332.00	13.858	894,375.81	9,043.81
Morgan Stanley Capital Group Inc.	EEI	1,816	12.261	222,664.00	13.289	241,326.16	18,662.16
Rainbow Energy Marketing Corporation		1,867	9.280	173,266.00	12.058	225,121.40	51,855.40
Southern Company Services, Inc. Transmission	Transmission Purchase		0.000	22.00	0.000		(22.00)
Tampa Electric Company	EEI2	14,820	10.927	1,619,410.00	14.302	2,119,588.00	500,178.00
Tyr Energy, LLC		316	8.900	28,124.00	7.887	24,922.92	(3,201.08)
ADJUSTMENTS							
PJM Settlements				15,598.18		-	(15,598.18)
Carolina Power & Light				549.44		-	(549.44)
Florida Power & Light				755.72		-	(755.72)
Southern Company Services, Inc. Transmission				(126.12)			126.12
SubTotal - Energy Purchases (Non-Broker)							
		39,091	10.790	4,217,792.24	12.355	4,829,856.55	612,064.31
CURRENT MONTH TOTAL							
D FFERENCE		25,385	5.154	3,445,392.24	5.885	3,942,993.55	497,601.31
D FFERENCE %		185	91.456	446.06	90.943	444.60	434.73
CUMULATIVE ACTUAL							
CUMULATIVE EST MATED		51,382	5.548	2,850,754.00	6.370	3,273,200.00	422,446.00
D FFERENCE		332,366	4.196	34,541,651.45	4.079	36,825,307.26	2,448,146.27
D FFERENCE %		647	75.626	1,211.67	64.029	1,125.06	579.52

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2022

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	6,579,025	6,502,742	6,498,962	6,502,742	6,297,589	6,214,424							38,595,485
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615							39,255,688
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950							14,579,700
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338							34,706,025
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	8,932,175	8,932,175	8,932,175	8,932,175	8,932,175	8,840,681							53,501,554
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0	0	0	0							0
7 Southern purchase - Franklin	PPA	425	6/1/16 - 5/31/21	(79,292)	0	0	(844)	0	(270,639)							(350,775)
8 Retail Wheeling				(355,205)	(339,033)	(51,083)	(110,107)	(3,429)	(4,579)							(863,437)
9 CR1&2 NBV				45,460	45,460	45,460	45,460	45,460	45,460							272,762
10 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320							3,439,918
11 Vandolah Capacity Purchase	PPA	669	June 2012 - May 2027	3,011,389	2,975,257	2,023,067	2,000,970	2,877,666	5,956,966							18,845,315
12 Capacity Sales and Purchases	Other	-1	on-going no term date	9,365	(9,365)	(12,487)	0	72,800	72,800							133,113
13 Shady Hills Tolling	PPA	517	4/1/07-4/30/24	1,976,940	1,976,940	1,494,234	1,368,900	1,916,460	3,907,980							12,641,454
14 RidgeGen Agreement Termination				623,808	620,376	615,110	612,954	609,548	606,143							3,687,939
15 SoBRA True-Up - Santa Fe				(289,763)	0	0	0	0	0							(289,763)
16 SoBRA True-Up - Twin Rivers				(400,148)	0	0	0	0	0							(400,148)
17 SoBRA True-Up - Santa Fe (Base Rate Adjmt)				(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)							(193,146)
18 SoBRA True-Up - Twin Rivers (Base Rate Adjmt)				(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)							(266,724)
19 SoBRA - Charlie Creek (Base Rate Adjmt)				(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)							(6,237,690)
20 SoBRA - Sandy Creek (Base Rate Adjmt)				(806,910)	(806,910)	(806,910)	(806,910)	(806,910)	0							(4,034,549)
TOTAL				33,460,807	34,111,604	32,952,490	32,759,302	34,155,321	39,583,198	0	0	0	0	0	0	207,022,722