



Stephanie A. Cuello
SENIOR COUNSEL

May 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 April 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/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 May, 2022.

s/ Stephanie A. Cuello

Stephanie A. Cuello

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

APRIL 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)	143,575,538	107,788,166	35,787,372	33.2	3,096,742	3,057,041	39,701	1.3	4.6363	3.5259	1.1104	31.5
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	1,044,002	1,048,184	(4,182)	(0.4)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	144,619,540	108,836,350	35,783,190	32.9	3,096,742	3,057,041	39,701	1.3	4.6701	3.5602	1.1099	31.2
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	7,869,015	1,614,210	6,254,805	387.5	86,958	24,942	62,016	248.7	9.0492	6.4720	2.5772	39.8
6 ENERGY COST OF SCH C.X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	6,526,791	338,532	6,188,259	1,828.0	76,528	6,521	70,007	1,073.6	8.5286	5.1914	3.3372	64.3
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	8,469,608	9,948,274	(1,478,666)	(14.9)	167,210	201,737	(34,526)	(17.1)	5.0652	4.9313	0.1339	2.7
9 TOTAL COST OF PURCHASED POWER	22,865,414	11,901,016	10,964,398	92.1	330,696	233,199	97,497	41.8	6.9143	5.1034	1.8109	35.5
10 TOTAL AVAILABLE MWH					3,427,438	3,290,240	137,198	4				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(788,689)	(390,943)	(397,746)	101.7	(17,196)	(9,311)	(7,885)	84.7	4.5865	4.1987	0.3878	9.2
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(25,653)	(102,727)	77,074	(75.0)	(17,196)	(9,311)	(7,885)	84.7	0.1492	1.1033	(0.9541)	(86.5)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	5,131	0	5,131	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(9,054,723)	(2,657,905)	(6,396,818)	240.7	(199,223)	(78,843)	(120,380)	152.7	4.5450	3.3711	1.1739	34.8
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(9,863,934)	(3,151,575)	(6,712,359)	213.0	(216,419)	(88,154)	(128,265)	145.5	4.5578	3.5751	0.9827	27.5
14 NET INADVERTENT AND WHEELED INTERCHANGE					16,687	0	16,687					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	157,621,020	117,585,791	40,035,230	34.1	3,227,706	3,202,086	25,620	0.8	4.8834	3.6722	1.2112	33.0
16 NET UNBILLED	7,259,820	7,805,800	(545,980)	(7.0)	(148,664)	(212,567)	63,903	(30.1)	0.2446	0.2780	(0.0334)	(12.0)
17 COMPANY USE	561,074	460,124	100,950	21.9	(11,489)	(12,530)	1,041	(8.3)	0.0189	0.0164	0.0025	15.2
18 T & D LOSSES	4,887,138	6,209,564	(1,322,426)	(21.3)	(100,077)	(169,098)	69,021	(40.8)	0.1647	0.2211	(0.0564)	(25.5)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	157,621,020	117,585,791	40,035,230	34.1	2,967,476	2,807,891	159,585	5.7	5.3116	4.1877	1.1239	26.8
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	0	(23,517)	23,517	(100.0)	97	(695)	792	(114.0)	0.0000	3.3844	(3.3844)	(100.0)
21 JURISDICTIONAL KWH SALES	157,621,020	117,562,273	40,058,747	34.1	2,967,573	2,807,196	160,377	5.7	5.3114	4.1879	1.1235	26.8
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	157,680,916	117,595,191	40,085,726	34.1	2,967,573	2,807,196	160,377	5.7	5.3135	4.1891	1.1244	26.8
23 PRIOR PERIOD TRUE-UP	36,470,185	36,470,185	0	0.0	2,967,573	2,807,196	160,377	5.7	1.2290	1.2992	(0.0702)	(5.4)
24 TOTAL JURISDICTIONAL FUEL COST	194,151,102	154,065,376	40,085,726	26.0	2,967,573	2,807,196	160,377	5.7	6.5425	5.4883	1.0542	19.2
25 GPIF	221,440	221,440	(0)	0.0	2,967,573	2,807,196	160,377	5.7	0.0075	0.0079	(0.0004)	(5.1)
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	2,967,573	2,807,196	160,377	5.7	0.0000	0.0000	0.0000	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									6.550	5.496	1.054	19.2

*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 - APRIL 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)	575,302,322	440,350,517	134,951,805	30.7	12,162,004	11,890,425	271,579	2.3	4,7303	3.7034	1.0269	27.7
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	4,879,527	4,030,710	848,817	21.1	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	580,181,849	444,381,227	135,800,622	30.6	12,162,004	11,890,425	271,579	2.3	4,7704	3.7373	1.0331	27.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	19,352,579	3,881,103	15,471,476	398.6	210,488	57,441	153,047	266.4	9,1941	6.7567	2.4374	36.1
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	12,023,004	1,476,675	10,546,329	714.2	159,822	26,760	133,062	497.3	7,5227	5.5183	2.0044	36.3
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	38,195,080	44,358,526	(6,163,446)	(13.9)	783,783	837,632	(53,849)	(6.4)	4,8732	5.2957	(0.4225)	(8.0)
9 TOTAL COST OF PURCHASED POWER	69,570,663	49,716,304	19,854,359	39.9	1,154,093	921,833	232,260	25.2	6,0282	5.3932	0.6350	11.8
10 TOTAL AVAILABLE MWH					13,316,097	12,812,258	503,839	3.9				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(8,805,856)	(7,731,124)	(1,074,732)	13.9	(235,291)	(176,648)	(58,643)	33.2	3,7425	4.3766	(0.6341)	(14.5)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,243,841)	(2,031,480)	(212,361)	10.5	(235,291)	(176,648)	(58,643)	33.2	0.9536	1.1500	(0.1964)	(17.1)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	66,886	0	66,886	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(31,863,850)	(15,940,289)	(15,923,561)	99.9	(750,567)	(418,154)	(332,413)	79.5	4,2453	3.8121	0.4332	11.4
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(42,846,660)	(25,702,893)	(17,143,768)	66.7	(985,858)	(594,803)	(391,055)	65.8	4,3461	4.3212	0.0249	0.6
14 NET INADVERTENT AND WHEELED INTERCHANGE					64,196	0	64,196					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	606,905,852	468,394,638	138,511,213	29.6	12,394,435	12,217,456	176,980	1.5	4,8966	3.8338	1.0628	27.7
16 NET UNBILLED	24,804,232	2,087,337	22,716,895	1,088.3	(612,301)	(50,858)	(561,443)	1,103.9	0.2128	0.0182	0.1946	1,069.2
17 COMPANY USE	2,218,441	2,018,883	199,558	9.9	(46,094)	(52,722)	6,629	(12.6)	0.0190	0.0176	0.0014	8.0
18 T & D LOSSES	4,302,168	24,734,216	(20,432,048)	(82.6)	(81,421)	(645,160)	563,739	(87.4)	0.0369	0.2157	(0.1788)	(82.9)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	606,905,852	468,394,638	138,511,213	29.6	11,654,620	11,468,715	185,905	1.6	5,2074	4.0841	1.1233	27.5
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(52,202)	(104,348)	52,147	(50.0)	(881)	(2,826)	1,944	(68.8)	5,9225	3.6928	2,2297	60.4
21 JURISDICTIONAL KWH SALES	606,853,650	468,290,290	138,563,360	29.6	11,653,738	11,465,889	187,849	1.6	5,2074	4.0842	1.1232	27.5
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	607,055,134	468,421,411	138,633,723	29.6	11,653,738	11,465,889	187,849	1.6	5,2091	4.0853	1.1238	27.5
23 PRIOR PERIOD TRUE-UP	93,510,169	93,510,168	1	0.0	11,653,738	11,465,889	187,849	1.6	0.8024	0.8156	(0.0132)	(1.6)
24 TOTAL JURISDICTIONAL FUEL COST	700,585,303	561,931,579	138,633,724	24.7	11,653,738	11,465,889	187,849	1.6	6,0115	4.9009	1.1106	22.7
25 GPIF	885,760	885,760	(0)	0.0	11,653,738	11,465,889	187,849	1.6	0.0076	0.0077	(0.0001)	101.3
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	11,653,738	11,465,889	187,849	1.6	0.0000	0.0000	0.0000	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									6,0119	4,9009	1,1111	22.6

*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
APRIL 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	\$143,575,538	107,788,166	\$35,787,372	33.2	\$575,302,322	\$440,350,517	\$134,951,805	30.7
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(788,689)	(390,943)	(397,746)	101.7	(8,805,856)	(7,731,124)	(1,074,732)	13.9
2a. GAIN ON POWER SALES	(20,522)	(102,727)	82,205	(80.0)	(2,176,955)	(2,031,480)	(145,475)	7.2
3 . FUEL COST OF PURCHASED POWER	7,869,015	1,614,210	6,254,805	387.5	19,352,579	3,881,103	15,471,476	398.6
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	8,469,608	9,948,274	(1,478,666)	(14.9)	38,195,080	44,358,526	(6,163,446)	(13.9)
4 . ENERGY COST OF ECONOMY PURCHASES	6,526,791	338,532	6,188,259	1,828.0	12,023,004	1,476,675	10,546,329	714.2
5 . TOTAL FUEL & NET POWER TRANSACTIONS	165,631,741	119,195,512	46,436,229	39.0	633,890,174	480,304,217	153,585,958	32.0
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(9,054,723)	(2,657,905)	(6,396,818)	240.7	(31,863,850)	(15,940,289)	(15,923,561)	99.9
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,044,002	1,048,184	(4,182)	(0.4)	4,879,527	4,030,710	848,817	21.1
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$157,621,020	\$117,585,791	\$40,035,230	34.1	\$606,905,852	\$468,394,638	\$138,511,213	29.6
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)	0	0	0		30	0	30	
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	1,044,002	0	1,044,002		4,196,858	0	4,196,858	
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	\$1,044,002	\$0	\$1,044,002		\$4,879,527	\$0	\$4,879,527	
B. KWH SALES								
1 . JURISDICTIONAL SALES	2,967,572,938	2,807,196,199	160,376,739	5.7	11,653,739,251	11,465,889,409	187,849,842	1.6
2 . NON JURISDICTIONAL (WHOLESALE) SALES	(97,390)	694,876	(792,266)	(114.0)	881,418	2,825,738	(1,944,320)	(68.8)
3 . TOTAL SALES	2,967,475,548	2,807,891,075	159,584,473	5.7	11,654,620,669	11,468,715,147	185,905,522	1.6
4 . JURISDICTIONAL SALES % OF TOTAL SALES	100.00	99.98	0.02	0.0	99.99	99.98	0.01	0.0

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$138,816,621	\$134,188,132	\$4,628,489	3.5	\$504,524,340	\$501,044,922	\$3,479,418	0.7
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	(93,510,169)	(93,510,168)	(1)	0.0
2b. INCENTIVE PROVISION	(221,440)	(221,440)	0	0.0	(885,760)	(885,760)	0	0.0
2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	102,124,996	97,496,507	4,628,489	4.8	410,128,411	406,648,994	3,479,417	0.9
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	157,621,020	117,585,791	40,035,230	34.1	606,905,852	468,394,638	138,511,213	29.6
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	100.00	99.98	0.02	0.0	99.99	99.98	0.01	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00038 LOSS MULTIPLIER)	157,680,916	117,595,191	40,085,726	34.1	607,055,134	468,421,411	138,633,723	29.6
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(55,555,920)	(20,098,684)	(35,457,237)	176.4	(196,926,723)	(61,772,417)	(135,154,306)	218.8
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(212,796)	(32,582)	(180,214)	553.1	(472,403)	(131,677)	(340,725)	258.8
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(497,114,577)	(400,191,168)	(96,923,409)	24.2	(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	93,510,169	93,510,168	1	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(516,413,108)	(383,852,248)	(132,560,860)	34.5	(516,413,108)	(383,852,248)	(132,560,860)	34.5
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$516,413,108)	(383,852,248)	(132,560,860)	34.5	(\$516,413,108)	(383,852,248)	(132,560,860)	34.5
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$497,114,577)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(516,200,312)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(1,013,314,889)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(506,657,445)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.490	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.520	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	1.010	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.505	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.042	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$212,796)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 4/1/2022 to 4/1/2022

Duke Energy Florida, LLC

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	1,766,166	924,871	841,295	91.0 %
3 - COAL	18,359,388	6,901,205	11,458,183	166.0 %
4 - GAS	123,449,984	99,962,090	23,487,894	23.5 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	143,575,538	107,788,166	35,787,372	33.2 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	2,134	3,984	(1,850)	(46.4 %)
11 - COAL	490,081	166,950	323,131	193.5 %
12 - GAS	2,472,255	2,702,072	(229,817)	(8.5 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	132,273	184,035	(51,762)	(28.1 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,096,743	3,057,041	39,702	1.3 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	13,157	8,287	4,870	58.8 %
19 - COAL (TON)	224,411	75,910	148,501	195.6 %
20 - GAS (MCF)	18,405,267	19,502,715	(1,097,448)	(5.6 %)
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	75,677	48,264	27,413	56.8 %
26 - COAL	5,085,153	1,772,531	3,312,622	186.9 %
27 - GAS	18,794,661	19,502,715	(708,054)	(3.6 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	23,955,491	21,323,510	2,631,981	12.3 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.1	0.13	(0.06)	(47.1 %)
34 - COAL	15.8	5.46	10.36	189.8 %
35 - GAS	79.8	88.39	(8.55)	(9.7 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	4.3	6.02	(1.75)	(29.0 %)
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 : 4/1/2022 to 4/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	134.24	111.61	22.63	20.3 %
42 - COAL (\$/TON)	81.81	90.91	(9.10)	(10.0 %)
43 - GAS (\$/MCF)	6.71	5.13	1.58	30.9 %
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	23.34	19.16	4.18	21.8 %
49 - COAL	3.61	3.89	(0.28)	(7.3 %)
50 - GAS	6.57	5.13	1.44	28.1 %
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)	5.99	5.05	0.94	18.6 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	35,465	12,114	23,350	192.7 %
57 - COAL	10,376	10,617	(241)	(2.3 %)
58 - GAS	7,602	7,218	385	5.3 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,736	6,975	760	10.9 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	82.77	23.21	59.55	256.5 %
65 - COAL	3.75	4.13	(0.39)	(9.4 %)
66 - GAS	4.99	3.70	1.29	35.0 %
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)	4.64	3.53	1.11	31.5 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2022 to 4/1/2022

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	21,573,626	17,999,218	3,574,408	19.9 %
3 - COAL	50,351,511	14,268,267	36,083,244	252.9 %
4 - GAS	503,377,185	408,083,032	95,294,153	23.4 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	575,302,322	440,350,517	134,951,805	30.6 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	104,485	125,775	(21,290)	(16.9 %)
11 - COAL	1,312,607	276,009	1,036,598	375.6 %
12 - GAS	10,333,696	10,976,998	(643,302)	(5.9 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	411,217	511,644	(100,559)	(19.7 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	12,162,004	11,890,426	271,446	2.3 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	169,182	170,078	(896)	(0.5 %)
19 - COAL (TON)	605,321	124,245	481,076	387.2 %
20 - GAS (MCF)	75,990,414	77,257,885	(1,267,471)	(1.6 %)
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	963,278	990,767	(27,489)	(2.8 %)
26 - COAL	13,695,402	2,894,956	10,800,446	373.1 %
27 - GAS	77,668,553	77,257,885	410,668	0.5 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	92,327,233	81,143,608	11,183,625	13.8 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.9	1.06	(0.20)	(18.8 %)
34 - COAL	10.8	2.32	8.47	365.0 %
35 - GAS	85.0	92.32	(7.35)	(8.0 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	3.4	4.30	(0.92)	(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 4/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	127.52	105.83	21.69	20.5 %
42 - COAL (\$/TON)	83.18	114.84	(31.66)	(27.6 %)
43 - GAS (\$/MCF)	6.62	5.28	1.34	25.4 %
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	22.40	18.17	4.23	23.3 %
49 - COAL	3.68	4.93	(1.25)	(25.4 %)
50 - GAS	6.48	5.28	1.20	22.7 %
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)	6.23	5.43	0.80	14.8 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	9,219	7,877	1,342	17.0 %
57 - COAL	10,434	10,489	(55)	(0.5 %)
58 - GAS	7,516	7,038	478	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)	7,592	6,824	767	11.2 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	20.65	14.31	6.34	44.3 %
65 - COAL	3.84	5.17	(1.33)	(25.8 %)
66 - GAS	4.87	3.72	1.15	31.0 %
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)	4.73	3.70	1.03	27.7 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 4/1/2022 to 4/1/2022

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	74	0.00	0			0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	18,853.00	35			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	13,931.00	26			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	16,730.00	31			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	18,074.00	33			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	8,211.00	25			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	598.00	21			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	808.00	22			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1	74	20.00	0			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	18,165.00	34			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,855.00	29			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	16,534.00	31			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	18,436.00	34			0				0	0	0.000	
St. Pete Pier	0.35	57.91	23							0	0	0.000	
TOTAL Solar	734	132,272.91				0				0	0	0.000	
Steam													
Anclote													
		113,171.00					Gas	1,135,522	1.020	1,158,232	7,356,734	6.501	6.479
TOTAL UNIT 1	521	113,171.00	30			10,234				1,158,232	7,356,734	6.501	
		75,461.00					Gas	943,752	1.020	962,627	6,114,309	8.103	6.479
TOTAL UNIT 2	514	75,461.00	20			12,757				962,627	6,114,309	8.103	
Crystal River 4 & 5													
		163,666.00					Coal	77,267	22.660	1,750,870	6,321,325	3.862	81.811
		0.00					No 2	6,493	5.736	37,246	977,628	0.000	150.567
TOTAL UNIT 4	721	163,666.00	32			10,925				1,788,117	7,298,953	4.460	
		326,415.00					Coal	147,144	22.660	3,334,283	12,038,063	3.688	81.811
		0.00					No 2	1,454	5.736	8,339	218,924	0.000	150.567
TOTAL UNIT 5	721	326,415.00	63			10,240				3,342,622	12,256,987	3.755	
TOTAL Steam	2,477	678,713.00				10,684				7,251,598	33,026,984	4.866	
Gas Turbine													
Bartow Combined Cycle													
		112.68					No 2	147	5.731	842	19,608	17.402	133.387
		561,512.32					Gas	4,115,572	1.020	4,197,884	27,080,200	4.823	6.580
TOTAL BCC	1,259	561,625.00	62			7,476				4,198,726	27,099,808	4.825	

A-4 System Net Generation and Fuel Cost Report

Report Period : 4/1/2022 to 4/1/2022

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 (\$)
Bartow Peaker													
		154.90					No 2	437	5.717	2,498	52,327	33.782	119.742
		1,169.10					Gas	18,486	1.020	18,856	119,350	10.209	6.456
TOTAL BAP	170	1,324.00	1			16,128				21,354	171.677	12.967	
Bayboro Peaker													
		7.50					No 2	42	5.699	239	4,930	65.735	117.384
TOTAL BYP	114	8.00	0			31,915				239	4,930	65.735	
Citrus County													
		738,926.00					Gas	4,867,992	1.024	4,984,823	37,166,384	5.030	7.635
TOTAL CCCC	1,854	738,926.00	55			6,746				4,984,823	37,166,384	5.030	
Debary Peaker													
		1,000.27					No 2	2,561	5.768	14,772	294,108	29.403	114.841
		5,815.73					Gas	84,201	1.020	85,885	547,169	9.408	6.498
TOTAL DEP	707	6,816.00	1			14,768				100,657	841,277	12.343	
Hines Energy													
		796,871.00					Gas	5,679,280	1.020	5,792,866	35,085,674	4.403	6.178
TOTAL HEP	1,620	796,871.00	68			7,270				5,792,866	35,085,674	4.403	
Intercession City Peaker													
		858.05					No 2	2,023	5.803	11,740	198,641	23.150	98.191
		19,553.95					Gas	261,520	1.023	267,535	1,701,191	8.700	6.505
TOTAL ICP	848	20,412.00	3			13,682				279,275	1,899,832	9.307	
Osprey													
		24,523.00					Gas	195,563	1.024	200,256	1,320,437	5.384	6.752
TOTAL OSP	422	24,523.00	8			8,166				200,256	1,320,437	5.384	
Suwannee Peaker													
		1,765.40					Gas	25,437	1.022	25,997	162,951	9.199	6.406
TOTAL SRP	135	1,765.00	2			14,676				25,997	162,951	9.199	
Tiger Bay Cogen													
		108,884.00					Gas	819,635	1.020	836,028	5,266,455	4.837	6.425
TOTAL TBP	230	108,884.00	66			7,678				836,028	5,266,455	4.837	
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		24,602.40					Gas	258,307	1.021	263,673	1,529,128	6.215	5.920
TOTAL UFP	50	24,602.00	68			10,717				263,673	1,529,128	6.215	
TOTAL Gas Turbine	7,409	2,285,762.00				7,308				16,703,893	110,548,554	4.836	0.000
SYSTEM TOTAL	10,621	3,096,742.21				7,736				23,955,491	143,575,538	4.636	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 4/1/2022

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	74	0.00	0			0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	57,398.00	27			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	47,341.00	22			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	58,042.00	27			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	47,696.00	22			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	28,666.00	23			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	2,091.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	2,862.00	20			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1	74	20.00	0			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	52,708.00	24			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	6,117.00	24			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	53,774.00	25			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	54,290.00	25			0				0	0	0.000	
St. Pete Pier	0.35	212.21	21							0	0	0.000	
TOTAL Solar	734	411,217.21				0				0	0	0.000	
Steam													
Anclote													
		350,183.00					Gas	3,768,390	1.021	3,848,961	24,824,139	7.089	6.587
TOTAL UNIT 1	521	350,183.00	23			10,991				3,848,961	24,824,139	7.089	
		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	18			11,963				3,169,918	19,262,711	7.269	
Crystal River 4 & 5													
		377,552.00					Coal	177,857	22.622	4,023,465	14,761,664	3.910	82.997
		0.00					No 2	8,782	5.738	50,389	1,256,397	0.000	143.065
TOTAL UNIT 4	721	377,552.00	18			10,790				4,073,853	16,018,061	4.243	
		935,055.00					Coal	427,464	22.626	9,671,937	35,589,847	3.806	83.258
		0.00					No 2	8,120	5.740	46,608	1,078,835	0.000	132.862
TOTAL UNIT 5	721	935,055.00	45			10,394				9,718,545	36,668,682	3.922	
TOTAL Steam	2,477	1,927,777.00				10,795				20,811,278	96,773,593	5.020	
Gas Turbine													
Bartow Combined Cycle													
		92,394.76					No 2	122,179	5.712	697,890	16,096,933	17.472	132.129
		1,677,748.24					Gas	12,448,643	1.018	12,672,618	80,469,483	4.796	6.464
TOTAL BCC	1,259	1,770,143.00	49			7,553				13,370,507	96,566,416	5.458	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 4/1/2022

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 (\$)
Bartow Peaker													
		411.49					No 2	1,093	5.714	6,246	130,823	31.793	119.692
		3,407.51					Gas	50,623	1.022	51,721	316,790	9.297	6.258
TOTAL BAP	223	3,819.00	1			15,178				57,967	447,614	11.721	
Bayboro Peaker													
		702.50					No 2	1,844	5.711	10,531	216,904	30.876	117.627
TOTAL BYP	229	702.00	0			14,990				10,531	216,904	30.876	
Citrus County													
		3,732,573.00					Gas	24,818,445	1.026	25,468,310	175,978,762	4.715	7.091
TOTAL CCCC	1,854	3,732,573.00	70			6,823				25,468,310	175,978,762	4.715	
Debary Peaker													
		3,336.72					No 2	8,047	5.767	46,410	922,994	27.662	114.700
		15,575.28					Gas	212,040	1.022	216,636	1,451,955	9.322	6.848
TOTAL DEP	707	18,912.00	1			13,909				263,047	2,374,949	12.558	
Hines Energy													
		3,543,641.00					Gas	25,348,022	1.020	25,860,913	162,388,240	4.583	6.406
TOTAL HEP	2,169	3,543,641.00	57			7,298				25,860,913	162,388,240	4.583	
Intercession City Peaker													
		7,091.83					No 2	18,107	5.486	99,327	1,777,853	25.069	98.186
		55,619.96					Gas	760,069	1.025	779,004	4,948,011	8.896	6.510
TOTAL ICP	1,135	62,712.00	2			14,006				878,331	6,725,864	10.725	
Osprey													
		181,683.00					Gas	1,327,938	1.026	1,362,074	8,303,462	4.570	6.253
TOTAL OSP	611	181,683.00	10			7,497				1,362,074	8,303,462	4.570	
Suwannee Peaker													
		547.20					No 2	1,010	5.820	5,878	92,887	16.975	91.968
		10,167.60					Gas	107,122	1.022	109,451	888,609	8.721	8.295
TOTAL SRP	204	10,715.00	2			10,741				115,328	981,496	9.141	
Tiger Bay Cogen													
		374,507.00					Gas	2,824,112	1.019	2,878,800	17,098,297	4.566	6.054
TOTAL TBP	230	374,507.00	57			7,687				2,878,800	17,098,297	4.566	
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		123,603.20					Gas	1,222,178	1.023	1,250,148	7,446,725	6.025	6.093
TOTAL UFP	50	123,603.00	86			10,114				1,250,148	7,446,725	6.025	
TOTAL Gas Turbine	8,671	9,823,010.00				7,280				71,515,955	478,575,173	4.872	0.000
SYSTEM TOTAL	11,883	12,162,004.50				7,591				92,327,233	575,302,322	4.731	

A-5 System Generation Fuel Cost Report

Report Period : 4/1/2022 to 4/1/2022

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)	(44,714)	0	(44,714)	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)	5,143	8,287	(3,144)	(37.9%)
20 - UNIT COST (\$/BBL)	177.90	111.61	66.30	59.4%
21 - AMOUNT (\$)	914,945	924,871	(9,926)	(1.1%)
22 - BURNED				
23 - UNITS (BBL)	13,157	8,287	4,870	58.8%
24 - UNIT COST (\$/BBL)	134.24	111.61	22.63	20.3%
25 - AMOUNT (\$)	1,766,166	924,871	841,295	91.0%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	450,629	440,951	8,377	1.9%
31 - UNIT COST (\$/BBL)	111.87	106.09	5.78	5.4%
32 - AMOUNT (\$)	50,266,216	46,781,343	3,484,873	7.4%
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 4/1/2022 to 4/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	188,947	75,910	113,037	148.9%
37 - UNIT COST (\$/TON)	74.55	90.91	(16.36)	(18.0%)
38 - AMOUNT (\$)	14,086,239	6,901,205	7,185,034	104.1%
39 - BURNED				
40 - UNITS (TON)	224,411	75,910	148,501	195.6%
41 - UNIT COST (\$/TON)	81.81	90.91	(9.10)	(10.0%)
42 - AMOUNT (\$)	18,359,388	6,901,205	11,458,183	166.0%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	458,418	536,876	(78,458)	(14.6%)
48 - UNIT COST (\$/TON)	81.81	75.50	6.31	8.4%
49 - AMOUNT (\$)	37,503,810	40,532,872	(3,029,062)	(7.5%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	18,405,267	19,502,715	(1,097,448)	(5.6%)
54 - UNIT COST (\$/MCF)	6.71	5.13	1.58	30.9%
55 - AMOUNT (\$)	123,449,984	99,962,090	23,487,894	23.5%
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 4/1/2022

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	0.0%
11 - AMOUNT (\$)	0	0	0	0.0%
12 - ENDING INVENTORY				
13 - UNITS (BBL)	(44,714)	0	(44,714)	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)	160,465	170,078	(9,613)	(5.7%)
20 - UNIT COST (\$/BBL)	139.26	105.83	33.43	31.6%
21 - AMOUNT (\$)	22,346,082	17,999,218	4,346,864	24.2%
22 - BURNED				
23 - UNITS (BBL)	169,182	170,078	(896)	(0.5%)
24 - UNIT COST (\$/BBL)	127.52	105.83	21.69	20.5%
25 - AMOUNT (\$)	21,573,626	17,999,218	3,574,408	19.9%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0	0	0	0.0%
28 - AMOUNT (\$)	0	0	0	0.0%
29 - ENDING INVENTORY				
30 - UNITS (BBL)	449,328	440,951	8,377	1.9%
31 - UNIT COST (\$/BBL)	111.87	106.09	5.78	5.4%
32 - AMOUNT (\$)	50,266,216	46,781,343	3,484,873	7.4%
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2022 to 4/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	481,526	124,245	357,281	287.6%
37 - UNIT COST (\$/TON)	88.64	114.84	(26.20)	(22.8%)
38 - AMOUNT (\$)	42,682,983	14,268,267	28,414,716	199.1%
39 - BURNED				
40 - UNITS (TON)	605,321	124,245	481,073	387.2%
41 - UNIT COST (\$/TON)	83.18	114.84	(31.66)	(27.6%)
42 - AMOUNT (\$)	50,351,511	14,268,267	36,083,244	252.9%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	458,418	536,876	(78,458)	(14.6%)
48 - UNIT COST (\$/TON)	81.81	75.50	6.31	8.4%
49 - AMOUNT (\$)	37,503,810	40,532,872	(3,029,062)	(7.5%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	75,990,414	77,257,885	(1,267,471)	(1.6%)
54 - UNIT COST (\$/MCF)	6.62	5.28	1.34	25.4%
55 - AMOUNT (\$)	503,377,185	408,083,032	95,294,153	23.4%
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%

Duke Energy Florida, LLC.
Schedule A6
Power Sold for the Month of
April 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		9,311		9,311	4.199	5.302	390,943	493,670	102,727.00
ACTUAL									
Constellation Energy Generation, LLC	InternationalSwapsDe	3,169		3,169	5.039	6.391	159,692.69	202,539.03	42,846.34
Macquarie Energy LLC		1,360		1,360	4.521	5.661	61,490.25	76,986.95	15,496.70
Orlando Utilities Commission	Schedule OS	200		200	6.874	8.855	13,748.00	17,710.00	3,962.00
PJM Settlements, Inc	MR1	5,032		5,032	5.027	3.766	252,943.84	189,510.15	(63,433.69)
Reedy Creek Improvement District	CR-1	5,195		5,195	4.004	4.360	208,001.70	226,502.00	18,500.30
The Energy Authority	Schedule OS	2,240		2,240	4.143	4.723	92,812.40	105,789.20	12,976.80
Adjustments									
Constellation Energy Generation, LLC				185					
Southern Company Services								(4,726.04)	(4,726.04)
PJM Settlements								30.42	30.42
Subtotal - Gain on Other Power Sales		17,196	-	17,381	4.586	4.736	788,688.88	814,341.71	25,652.83
CURRENT MONTH TOTAL		17,196		17,381	4.586	4.736	788,688.88	814,341.71	25,652.83
DIFFERENCE		7,885		8,070	0.388	(0.566)	397,745.88	320,671.71	(77,074.17)
DIFFERENCE %		85		87	9.235	(10.682)	101.74	64.96	(75.03)
CUMULATIVE ACTUAL		235,291		235,291	3.743	4.696	8,805,855.92	11,049,696.69	2,243,840.77
CUMULATIVE ESTIMATED		176,649		176,649	4.377	5.527	7,731,124.00	9,762,604.00	2,031,480.00
DIFFERENCE		58,642		58,642	(0.63)	(0.83)	1,074,731.92	1,287,092.69	212,360.77
DIFFERENCE %		33		33	(14.49)	(15.03)	13.90	13.18	10.45

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
APRIL, 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		24,942			24,942	6.472	6.472	1,614,210.00	1,614,210.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	29,540			29,540	8.954	8.954	2,644,961.58	2,644,961.58
Vandolah Power Co. LLC (Northern Star)	TOLL	56,352			56,352	10.001	10.001	5,635,624.34	5,635,624.34
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	6			6	(1,486.713)	(1,486.713)	(89,202.76)	(89,202.76)
Vandolah Power Co. LLC (Northern Star)	TOLL	1,060			1,060	(30.412)	(30.412)	(322,368.37)	(322,368.37)
CURRENT MONTH TOTAL		86,958			86,958	9.049	9.049	7,869,014.79	7,869,014.79
DIFFERENCE		62,016			62,016	2.577	2.577	6,254,804.79	6,254,804.79
DIFFERENCE %		249			249	39.822	39.822	387.48	387.48
CUMULATIVE ACTUAL		210,488			210,488	9.194	9.194	19,352,579.01	19,352,579.01
CUMULATIVE ESTIMATED		57,442			57,442	6.757	6.757	3,881,103.00	3,881,103.00
DIFFERENCE		153,046			153,046	2.438	2.438	15,471,476.01	15,471,476.01
DIFFERENCE %		266			266	36.076	36.076	398.64	398.64

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
APRIL, 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		201,737	-	-	201,737	4.931	19.897	9,948,274.09
ACTUAL								
Lake County (LAKCOUNT)	CO-GEN	656			656	4.209	4.209	27,610.76
ADJ		-			-			4,708.20
Lee County (LEECOGAS)	CO-GEN	5,019			5,019	3.193	3.193	160,258.85
ADJ		-			-			(185.52)
Metro-Dade County (METRDDAS)	CO-GEN	2,836			2,836	2.744	2.744	77,810.80
ADJ		-			-			-
Orange Cogen (ORANGEAS)	CO-GEN	509			509	3.747	3.747	19,071.31
ADJ		-			-			3,835.63
Orange Cogen (ORANGECO)	CO-GEN	25,860			25,860	5.354	30.700	1,384,534.81
ADJ		6			6			51,871.72
Orlando Cogen Limited (ORLACOGL)	CO-GEN	67,882			67,882	6.619	16.557	4,493,376.82
ADJ		-			-			202,946.32
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	16,429			16,429	2.752	17.563	452,186.54
ADJ		-			-			3,310.56
PCS Phosphate (OCSWFCRK)	CO-GEN	27			27	3.493	3.493	927.73
ADJ		(21)			(21)			(827.03)
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	40,243			40,243	2.752	17.153	1,107,635.45
ADJ		-			-			11,038.80
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	7,765			7,765	4.055	121.078	314,847.65
ADJ		-			-			154,649.08
CURRENT MONTH TOTAL		167,210			167,210	5.065	23.121	8,469,608.48
DIFFERENCE		(34,526)			(34,526)	0.134	3.224	(1,478,665.61)
DIFFERENCE %		(17.11)			(17.11)	2.716	16.20	(14.86)
CUMULATIVE ACTUAL		783,782			783,782	4.873	20.313	38,195,079.69
CUMULATIVE ESTIMATED		837,632			837,632	5.296	19.713	44,358,525.74
CUMULATIVE DIFFERENCE		(53,849)			(53,849)	(0.423)	0.599	(6,163,446.05)
CUMULATIVE DIFFERENCE %		(6.43)			(6.43)	(7.98)	3.04	(13.89)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
APRIL, 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		6,521	5.191	338,532	5.961	388,700.00	50,168.00
ACTUAL:							
SubTotal - Energy Purchases (Broker)		-		\$0.00		\$0.00	\$0.00
SEPA		7,695	4.582	\$352,587.36	4.582	\$352,587.36	\$0.00
Constellation Energy Generation, LLC	InternationalSwapsDe	14,725	9.198	\$1,354,425.00	11.012	1,621,457.26	\$267,032.26
Duke Electric Transmission	Transmission Purchase	-	0.000	\$27,159.13	-	\$0.00	(\$27,159.13)
Florida Power & Light Company Transmission	Transmission Purchase	-	0.000	\$16,376.32	-	\$0.00	(\$16,376.32)
Florida Power & Light Company		23,470	7.301	\$1,713,480.00	8.579	\$2,013,431.40	\$299,951.40
Macquarie Energy LLC		8,070	10.583	\$854,064.00	8.766	\$707,426.83	(\$146,637.17)
Orlando Utilities Commission	Schedule OS	125	6.500	\$8,125.00	6.990	\$8,737.50	\$612.50
Rainbow Energy Marketing Corporation		14,188	11.187	1,587,162.00	9.366	1,328,915.63	(258,246.37)
Southern Company Services, Inc.	EEl	2,050	7.485	153,450.00	8.811	180,628.00	27,178.00
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0.000	52,367.93	-	-	(52,367.93)
Tallahassee (City of)	Schedule OS	360	2.633	9,480.00	4.484	16,144.00	6,664.00
Tampa Electric Company	EEl2	800	8.000	64,000.00	7.798	62,384.00	(1,616.00)
Tyr Energy, LLC		5,045	6.048	305,133.00	7.872	397,117.82	91,984.82
ADJUSTMENTS							
Florida Power & Light Company				(698.96)			698.96
Jacksonville Electric Authority				10,275.68			(10,275.68)
Seminole Electric Cooperative, Inc.				16,072.00			(16,072.00)
Southern Company Services, Inc. Transmission				(868.43)			868.43
Tampa Electric Company				(1,558.80)			1,558.80
PJM Settlements				5,759.77			(5,759.77)
Duke Electric Transmission				21.29			(21.29)
Duke Electric Transmission				(21.29)			21.29
SubTotal - Energy Purchases (Non-Broker)		76,528	8.529	6,526,791.00	8.740	6,688,829.80	162,038.80
CURRENT MONTH TOTAL		76,528	8.529	6,526,791.00	8.740	6,688,829.80	162,038.80
DIFFERENCE		70,007	3.337	6,188,259.00	2.780	6,300,129.80	111,870.80
DIFFERENCE %		1,074	64.284	1,827.97	46.633	1,620.82	222.99
CUMULATIVE ACTUAL		159,822	7.523	12,023,004.49	7.895	12,618,545.95	760,031.92
CUMULATIVE ESTIMATED		26,760	5.518	1,476,675.00	6.336	1,695,494.00	218,819.00
DIFFERENCE		133,063	2.004	10,546,329.49	1.559	10,923,051.95	541,212.92
DIFFERENCE %		497	36.323	714.19	24.611	644.24	247.33

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									26,083,471
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									26,170,459
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									9,719,800
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									23,137,350
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									35,728,699
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0	0									0
7 Southern purchase - Franklin	PPA	425	6/1/16 - 5/31/21	(79,292)	0	0	(844)									(80,135)
8 Retail Wheeling				(355,205)	(339,033)	(51,083)	(110,107)									(855,429)
9 CR1&2 NBV				45,460	45,460	45,460	45,460									181,841
10 ISFSI Return				573,320	573,320	573,320	573,320									2,293,279
11 Vandolah Capacity Purchase	PPA	669	June 2012 - May 2027	3,011,389	2,975,257	2,023,067	2,000,970									10,010,683
12 Capacity Sales and Purchases	Other	-1	on-going no term date	9,365	(9,365)	(12,487)	0									(12,487)
13 Shady Hills Tolling	PPA	517	4/1/07-4/30/24	1,976,940	1,976,940	1,494,234	1,368,900									6,817,014
14 RidgeGen Agreement Termination				623,808	620,376	615,110	612,954									2,472,248
15 SoBRA True-Up - Santa Fe				(289,763)	0	0	0									(289,763)
16 SoBRA True-Up - Twin Rivers				(400,148)	0	0	0									(400,148)
17 SoBRA True-Up - Santa Fe (Base Rate Adjmt)				(32,191)	(32,191)	(32,191)	(32,191)									(128,764)
18 SoBRA True-Up - Twin Rivers (Base Rate Adjmt)				(44,454)	(44,454)	(44,454)	(44,454)									(177,816)
19 SoBRA - Charlie Creek (Base Rate Adjmt)				(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)									(4,158,460)
20 SoBRA - Sandy Creek (Base Rate Adjmt)				(806,910)	(806,910)	(806,910)	(806,910)									(3,227,639)
TOTAL				33,460,807	34,111,604	32,952,490	32,759,302	0	0	0	0	0	0	0	0	133,284,203