



Stephanie A. Cuello
SENIOR COUNSEL

April 18, 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 March 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 18th day of April, 2022.

s/ Stephanie A. Cuello

Stephanie A. Cuello

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

MARCH 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)	145,301,994	118,581,256	26,720,738	22.5	2,948,775	3,005,170	(56,396)	(1.9)	4.9275	3.9459	0.9816	24.9
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	1,039,802	1,051,635	(11,833)	(1.1)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	146,341,796	119,632,891	26,708,905	22.3	2,948,775	3,005,170	(56,396)	(1.9)	4.9628	3.9809	0.9819	24.7
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	5,560,943	1,002,650	4,558,293	454.6	72,397	15,012	57,385	382.3	7.6812	6.6790	1.0022	15.0
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)	4,030,614	496,498	3,534,116	711.8	63,545	8,887	54,658	615.0	6.3429	5.5866	0.7563	13.5
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	9,826,617	10,787,928	(961,311)	(8.9)	200,189	193,324	6,865	3.6	4.9087	5.5802	(0.6715)	(12.0)
9 TOTAL COST OF PURCHASED POWER	19,418,173	12,287,076	7,131,098	58.0	336,131	217,223	118,908	54.7	5.7770	5.6564	0.1206	2.1
10 TOTAL AVAILABLE MWH					3,284,906	3,222,394	62,512	2				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(457,797)	(1,849,828)	1,392,031	(75.3)	(14,882)	(46,615)	31,733	(68.1)	3.0762	3.9684	(0.8922)	(22.5)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(63,581)	(486,073)	422,492	(86.9)	(14,882)	(46,615)	31,733	(68.1)	0.4272	1.0428	(0.6156)	(59.0)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	12,716	0	12,716	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(7,156,951)	(5,141,220)	(2,015,732)	39.2	(178,743)	(137,930)	(40,813)	29.6	4.0040	3.7274	0.2766	7.4
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(7,665,612)	(7,477,121)	(188,492)	2.5	(193,625)	(184,544)	(9,081)	4.9	3.9590	4.0517	(0.0927)	(2.3)
14 NET INADVERTENT AND WHEELED INTERCHANGE					17,280	0	17,280					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	158,094,357	124,442,846	33,651,511	27.0	3,108,561	3,037,849	70,711	2.3	5.0858	4.0964	0.9894	24.2
16 NET UNBILLED	3,722,561	5,365,687	(1,643,126)	(30.6)	(73,196)	(130,985)	57,789	(44.1)	0.1185	0.1962	(0.0777)	(39.6)
17 COMPANY USE	666,388	485,737	180,651	37.2	(13,103)	(11,858)	(1,245)	10.5	0.0212	0.0178	0.0034	19.1
18 T & D LOSSES	(6,094,718)	6,571,252	(12,665,970)	(192.8)	119,839	(160,415)	280,253	(174.7)	(0.1940)	0.2403	(0.4343)	(180.7)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	158,094,357	124,442,846	33,651,511	27.0	3,142,101	2,734,592	407,509	14.9	5.0315	4.5507	0.4808	10.6
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(63,238)	(24,889)	(38,349)	154.1	(1,202)	(528)	(674)	127.6	5.2625	4.7147	0.5478	11.6
21 JURISDICTIONAL KWH SALES	158,031,119	124,417,958	33,613,161	27.0	3,140,899	2,734,064	406,835	14.9	5.0314	4.5507	0.4807	10.6
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	158,091,171	124,452,795	33,638,376	27.0	3,140,899	2,734,064	406,835	14.9	5.0333	4.5519	0.4814	10.6
23 PRIOR PERIOD TRUE-UP	36,470,185	36,470,185	0	0.0	3,140,899	2,734,064	406,835	14.9	1.1611	1.3339	(0.1728)	(13.0)
24 TOTAL JURISDICTIONAL FUEL COST	194,561,356	160,922,980	33,638,377	20.9	3,140,899	2,734,064	406,835	14.9	6.1944	5.8858	0.3086	5.2
25 GPIF	221,440	221,440	(0)	0.0	3,140,899	2,734,064	406,835	14.9	0.0071	0.0081	(0.0010)	(12.4)
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	3,140,899	2,734,064	406,835	14.9	0.0000	0.0000	0.0000	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									6.202	5.894	0.308	5.2

*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 - MARCH 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)	431,726,784	332,562,351	99,164,433	29.8	9,065,262	8,833,384	231,878	2.6	4.7624	3.7648	0.9976	26.5
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	3,835,525	2,982,526	852,999	28.6	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	435,562,308	335,544,877	100,017,431	29.8	9,065,262	8,833,384	231,878	2.6	4.8047	3.7986	1.0061	26.5
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	11,483,564	2,266,893	9,216,671	406.6	123,530	32,500	91,031	280.1	9.2962	6.9752	2.3210	33.3
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)	5,496,213	1,138,143	4,358,070	382.9	83,294	20,239	63,056	311.6	6.5985	5.6236	0.9749	17.3
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	29,725,471	34,410,252	(4,684,780)	(13.6)	616,572	635,895	(19,323)	(3.0)	4.8211	5.4113	(0.5902)	(10.9)
9 TOTAL COST OF PURCHASED POWER	46,705,249	37,815,288	8,889,961	23.5	823,397	688,634	134,763	19.6	5.6723	5.4914	0.1809	3.3
10 TOTAL AVAILABLE MWH					9,888,659	9,522,018	366,641	3.9				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(8,017,167)	(7,340,181)	(676,986)	9.2	(218,095)	(167,337)	(50,758)	30.3	3.6760	4.3865	(0.7105)	(16.2)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,218,188)	(1,928,753)	(289,435)	15.0	(218,095)	(167,337)	(50,758)	30.3	1.0171	1.1526	(0.1355)	(11.8)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	61,755	0	61,755	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(22,809,127)	(13,282,383)	(9,526,743)	71.7	(551,344)	(339,311)	(212,033)	62.5	4.1370	3.9145	0.2225	5.7
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(32,982,726)	(22,551,317)	(10,431,409)	46.3	(769,439)	(506,649)	(262,790)	51.9	4.2866	4.4511	(0.1645)	(3.7)
14 NET INADVERTENT AND WHEELED INTERCHANGE					47,509	0	47,509					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	449,284,831	350,808,848	98,475,983	28.1	9,166,729	9,015,369	151,360	1.7	4.9013	3.8912	1.0101	26.0
16 NET UNBILLED	17,544,413	(5,718,463)	23,262,876	(406.8)	(463,637)	161,709	(625,346)	(386.7)	0.2020	(0.0660)	0.2680	(406.1)
17 COMPANY USE	1,657,366	1,558,759	98,607	6.3	(34,604)	(40,192)	5,588	(13.9)	0.0191	0.0180	0.0011	6.1
18 T & D LOSSES	(584,970)	18,524,652	(19,109,622)	(103.2)	18,656	(476,062)	494,718	(103.9)	(0.0067)	0.2139	(0.2206)	(103.1)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	449,284,831	350,808,848	98,475,983	28.1	8,687,144	8,660,824	26,320	0.3	5.1718	4.0505	1.1213	27.7
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(52,202)	(80,831)	28,630	(35.4)	(979)	(2,131)	1,152	(54.1)	5.3332	3.7934	1.5398	40.6
21 JURISDICTIONAL KWH SALES	449,232,629	350,728,016	98,504,613	28.1	8,686,165	8,658,693	27,472	0.3	5.1718	4.0506	1.1212	27.7
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00038	449,374,218	350,826,220	98,547,997	28.1	8,686,165	8,658,693	27,472	0.3	5.1734	4.0517	1.1217	27.7
23 PRIOR PERIOD TRUE-UP	57,039,983	57,039,983	0	0.0	8,686,165	8,658,693	27,472	0.3	0.6567	0.6588	(0.0021)	(0.3)
24 TOTAL JURISDICTIONAL FUEL COST	506,414,201	407,866,203	98,547,998	24.2	8,686,165	8,658,693	27,472	0.3	5.8301	4.7105	1.1196	23.8
25 GPIF	664,320	664,320	(0)	0.0	8,686,165	8,658,693	27,472	0.3	0.0076	0.0077	(0.0001)	101.3
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	8,686,165	8,658,693	27,472	0.3	0.0000	0.0000	0.0000	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									5.838	4.718	1.120	23.7

*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
MARCH 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	\$145,301,994	118,581,256	\$26,720,738	22.5	\$431,726,784	\$332,562,351	\$99,164,433	29.8
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(457,797)	(1,849,828)	1,392,031	(75.3)	(8,017,167)	(7,340,181)	(676,986)	9.2
2a. GAIN ON POWER SALES	(50,864)	(486,073)	435,209	(89.5)	(2,156,433)	(1,928,753)	(227,680)	11.8
3 . FUEL COST OF PURCHASED POWER	5,560,943	1,002,650	4,558,293	454.6	11,483,564	2,266,893	9,216,671	406.6
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	9,826,617	10,787,928	(961,311)	(8.9)	29,725,471	34,410,252	(4,684,780)	(13.6)
4 . ENERGY COST OF ECONOMY PURCHASES	4,030,614	496,498	3,534,116	711.8	5,496,213	1,138,143	4,358,070	382.9
5 . TOTAL FUEL & NET POWER TRANSACTIONS	164,211,506	128,532,431	35,679,075	27.8	468,258,433	361,108,705	107,149,728	29.7
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(7,156,951)	(5,141,220)	(2,015,732)	39.2	(22,809,127)	(13,282,383)	(9,526,743)	71.7
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,039,802	1,051,635	(11,833)	(1.1)	3,835,525	2,982,526	852,999	28.6
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$158,094,357	\$124,442,846	\$33,651,511	27.0	\$449,284,831	\$350,808,848	\$98,475,983	28.1
FOOTNOTE: DETAIL OF LINE 6b ABOVE								
N/A - Not used	\$0	\$0	\$0		\$0	\$0	\$0	
N/A - Not used	0	0	0		0	0	0	
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	40	0	40		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	1,039,762	0	1,039,762		3,152,856	0	3,152,856	
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	\$1,039,802	\$0	\$1,039,802		\$3,835,525	\$0	\$3,835,525	
B. KWH SALES								
1 . JURISDICTIONAL SALES	3,140,899,274	2,734,063,824	406,835,450	14.9	8,686,166,313	8,658,693,210	27,473,103	0.3
2 . NON JURISDICTIONAL (WHOLESALE) SALES	1,201,658	527,892	673,766	127.6	978,808	2,130,862	(1,152,054)	(54.1)
3 . TOTAL SALES	3,142,100,932	2,734,591,716	407,509,216	14.9	8,687,145,121	8,660,824,072	26,321,049	0.3
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.96	99.98	(0.02)	(0.0)	99.99	99.98	0.01	0.0

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$145,534,174	\$130,692,296	\$14,841,878	11.4	\$365,707,719	\$366,856,790	(\$1,149,072)	(0.3)
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	(57,039,983)	(57,039,983)	(0)	0.0
2b. INCENTIVE PROVISION	(221,440)	(221,440)	0	0.0	(664,320)	(664,320)	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	108,842,549	94,000,671	14,841,877	15.8	308,003,415	309,152,487	(1,149,072)	(0.4)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	158,094,357	124,442,846	33,651,511	27.0	449,284,831	350,808,848	98,475,983	28.1
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.96	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)	158,091,171	124,452,795	33,638,376	27.0	449,374,218	350,826,220	98,547,997	28.1
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(49,248,622)	(30,452,123)	(18,796,499)	61.7	(141,370,802)	(41,673,733)	(99,697,069)	239.2
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(147,173)	(32,996)	(114,178)	346.0	(259,606)	(99,095)	(160,511)	162.0
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(484,188,967)	(406,176,233)	(78,012,734)	19.2	(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	57,039,983	57,039,983	0	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(497,114,577)	(400,191,168)	(96,923,409)	24.2	(497,114,577)	(400,191,168)	(96,923,409)	24.2
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$497,114,577)	(400,191,168)	(96,923,409)	24.2	(\$497,114,577)	(400,191,168)	(96,923,409)	24.2
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$484,188,967)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(496,967,404)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(981,156,371)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(490,578,185)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.240	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.490	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.730	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.365	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.030	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$147,173)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 3/1/2022 to 3/1/2022

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	15,523,406	15,314,464	208,942	1.4 %
3 - COAL	6,992,973	2,973,140	4,019,833	135.2 %
4 - GAS	122,785,615	100,293,652	22,491,963	22.4 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	145,301,994	118,581,256	26,720,738	22.5 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	85,339	113,002	(27,663)	(24.5 %)
11 - COAL	177,541	52,642	124,899	237.3 %
12 - GAS	2,576,488	2,702,553	(126,065)	(4.7 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	109,408	136,973	(27,565)	(20.1 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,948,775	3,005,170	(56,395)	(1.9 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	117,320	145,977	(28,657)	(19.6 %)
19 - COAL (TON)	82,670	23,192	59,478	256.5 %
20 - GAS (MCF)	19,231,336	18,952,170	279,166	1.5 %
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	670,259	850,375	(180,116)	(21.2 %)
26 - COAL	1,870,491	541,541	1,328,950	245.4 %
27 - GAS	19,652,815	18,952,170	700,645	3.7 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	22,193,566	20,344,086	1,849,480	9.1 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	2.9	3.76	(0.9)	(23.0 %)
34 - COAL	6.0	1.75	4.3	243.7 %
35 - GAS	87.4	89.93	(2.6)	(2.8 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	3.7	4.56	(0.8)	(18.6 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	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 : 3/1/2022 to 3/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	132.32	104.91	27.41	26.1 %
42 - COAL (\$/TON)	84.59	128.20	(43.61)	(34.0 %)
43 - GAS (\$/MCF)	6.38	5.29	1.09	20.6 %
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	23.16	18.01	5.15	28.6 %
49 - COAL	3.74	5.49	(1.75)	(31.9 %)
50 - GAS	6.25	5.29	0.96	18.1 %
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)	6.55	5.83	0.72	12.3 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	7,854	7,525	329	4.4 %
57 - COAL	10,536	10,287	248	2.4 %
58 - GAS	7,628	7,013	615	8.8 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,526	6,770	757	11.2 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	18.19	13.55	4.64	34.2 %
65 - COAL	3.94	5.65	(1.71)	(30.3 %)
66 - GAS	4.77	3.71	1.05	28.4 %
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)	4.93	3.95	0.98	24.9 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2022 to 3/1/2022

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	19,807,460	17,074,347	2,733,113	16.0 %
3 - COAL	31,992,122	7,367,062	24,625,060	334.3 %
4 - GAS	379,927,201	308,120,942	71,806,259	23.3 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	431,726,784	332,562,351	99,164,433	29.8 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	101,928	121,791	(19,863)	(16.3 %)
11 - COAL	822,526	109,059	713,467	654.2 %
12 - GAS	7,861,864	8,274,926	(413,062)	(5.0 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	278,944	327,609	(48,665)	(14.9 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	9,065,262	8,833,385	231,877	2.6 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	156,025	161,791	(5,766)	(3.6 %)
19 - COAL (TON)	380,907	48,335	332,572	688.1 %
20 - GAS (MCF)	57,585,147	57,755,170	(170,023)	(0.3 %)
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	887,601	942,503	(54,902)	(5.8 %)
26 - COAL	8,610,248	1,122,425	7,487,823	667.1 %
27 - GAS	58,873,892	57,755,170	1,118,722	1.9 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	68,371,742	59,820,098	8,551,644	14.3 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	1.1	1.38	(0.3)	(18.4 %)
34 - COAL	9.1	1.23	7.8	634.9 %
35 - GAS	86.7	93.68	(7.0)	(7.4 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	3.1	3.71	(0.6)	(17.0 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	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 3/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	126.95	105.53	21.42	20.3 %
42 - COAL (\$/TON)	83.99	152.42	(68.43)	(44.9 %)
43 - GAS (\$/MCF)	6.60	5.33	1.26	23.7 %
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	22.32	18.12	4.20	23.2 %
49 - COAL	3.72	6.56	(2.85)	(43.4 %)
50 - GAS	6.45	5.33	1.12	21.0 %
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)	6.31	5.56	0.76	13.6 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	8,708	7,739	969	12.5 %
57 - COAL	10,468	10,292	176	1.7 %
58 - GAS	7,489	6,980	509	7.3 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,542	6,772	770	11.4 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	19.43	14.02	5.41	38.6 %
65 - COAL	3.89	6.76	(2.87)	(42.4 %)
66 - GAS	4.83	3.72	1.11	29.8 %
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)	4.76	3.76	1.00	26.5 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 3/1/2022 to 3/1/2022

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 (\$)
Solar													
Bay Trail Solar													
TOTAL UNIT 1		0.00				0					0	0	0.000
Columbia Solar 1													
TOTAL CSF 1	75	15,744.00	28			0					0	0	0.000
Debary Solar 1													
TOTAL DSF 1	74	13,448.00	24			0					0	0	0.000
Duette Solar													
TOTAL UNIT 1	74	16,709.00	30			0					0	0	0.000
Hamilton Solar Facility													
TOTAL HSF 1	75	10,286.00	18			0					0	0	0.000
Lake Placid Solar Facility													
TOTAL LKP 1	45	8,206.00	26			0					0	0	0.000
Osceola Solar Facility 1													
TOTAL UNIT 1	4	548.00	19			0					0	0	0.000
Perry Solar Facility 1													
TOTAL UNIT 1	5	684.00	19			0					0	0	0.000
Sandy Creek Solar													
TOTAL UNIT 1		0.00				0					0	0	0.000
Santa Fe Solar Facility													
TOTAL Unit 1	75	14,289.00	25			0					0	0	0.000
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,568.00	24			0					0	0	0.000
Trenton Solar Facility													
TOTAL TRN 1	75	13,852.00	25			0					0	0	0.000
Twin Rivers Solar Facility													
TOTAL Unit 1	75	14,026.00	25			0					0	0	0.000
St. Pete Pier													
	0.35	47.58	18								0	0	0.000
TOTAL Solar	587	109,407.58				0					0	0	0.000
Steam													
Anclote													
		119,048.00					Gas	1,295,636	1.021	1,322,844	7,850,874	6.595	6.059
TOTAL UNIT 1	521	119,048.00	31			11,112				1,322,844	7,850,874	6.595	
		103,322.00					Gas	1,111,618	1.021	1,134,962	6,735,822	6.519	6.059
TOTAL UNIT 2	514	103,322.00	27			10,985				1,134,962	6,735,822	6.519	
Crystal River 4 & 5													
TOTAL UNIT 4		0.00				0				0	0	0.000	
		177,541.00					Coal	82,670	22.626	1,870,491	6,992,973	3.939	84.589
		0.00					No 2	3,160	5.737	18,128	430,852	0.000	136.346
TOTAL UNIT 5	721	177,541.00	33			10,638				1,888,620	7,423,825	4.181	
TOTAL Steam	1,756	399,911.00				10,868				4,346,426	22,010,521	5.504	
Gas Turbine													
Bartow Combined Cycle													
		84,442.27					No 2	112,035	5.712	639,944	14,848,927	17.640	132.953
		341,306.73					Gas	2,543,349	1.017	2,586,586	16,347,075	4.790	6.427
TOTAL BCC	1,259	425,749.00	45			7,578				3,226,530	31,196,003	7.338	
Bartow Peaker													
		181.80					No 2	437	5.717	2,498	52,326	28.783	119.739
		1,261.20					Gas	16,975	1.021	17,331	102,590	8.134	6.044

A-4 System Net Generation and Fuel Cost Report

Report Period : 3/1/2022 to 3/1/2022

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 BAP	223	1,443.00	1			13,742				19,829	154,916	10.736	
Bayboro Peaker													
TOTAL BYP	229	552.00	0			13,436	No 2	1,299	5.712	7,419	152,820	27.675	117.645
Citrus County													
TOTAL CCCC	1,854	979,755.00	71			6,896	Gas	6,591,526	1.025	6,756,314	44,060,486	4.497	6.684
Debary Peaker													
TOTAL DEP	257	5,383.00	3			17,937	No 2 Gas	8 94,434	5.732 1.022	46 96,511	915 667,464	35.809 12.405	114.425 7.068
Hines Energy													
TOTAL HEP	2,169	837,293.00	52			7,231	Gas	5,930,121	1.021	6,054,655	36,508,450	4.360	6.156
Intercession City Peaker													
TOTAL ICP	848	20,006.00	3			13,941	No 2 Gas	381 269,938	5.836 1.025	2,224 276,687	37,564 1,743,819	23.552 8.787	98.594 6.460
Osprey													
TOTAL OSP	611	11.00	0			11,723	Gas	126	1.023	129	13,040	118.546	103.492
Suwannee Peaker													
TOTAL SRP	136	2,488.00	2			14,257	Gas	34,996	1.020	35,696	425,359	16.989	12.155
Tiger Bay Cogen													
TOTAL TBP	230	138,014.00	81			7,803	Gas	1,054,747	1.021	1,076,897	6,750,861	4.891	6.400
Univ of Florida Cogen													
TOTAL UFP	50	28,762.00	77			10,229	No 2 Gas	0 287,870	0.000 1.022	0 294,203	0 1,579,775	0.000 5.493	0.000 5.488
TOTAL Gas Turbine	7,866	2,439,456.00				7,316				17,847,140	123,291,473	5.056	
SYSTEM TOTAL	10,208	2,948,774.58				7,525				22,193,566	145,301,994	4.928	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 3/1/2022

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		0.00				0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	38,545.00	24			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	33,410.00	21			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	41,312.00	26			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	29,622.00	18			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	20,455.00	22			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	1,493.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	2,054.00	19			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1		0.00				0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	34,543.00	21			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	4,262.00	22			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	37,240.00	23			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	35,854.00	22			0				0	0	0.000	
St. Pete Pier	0.35	154.30	20							0	0	0.000	
TOTAL Solar	587	278,944.30				0				0	0	0.000	
Steam													
Ancloste													
		237,012.00					Gas	2,632,868	1.022	2,690,729	17,467,404	7.370	6.634
TOTAL UNIT 1	521	237,012.00	21			11,353				2,690,729	17,467,404	7.370	
		189,526.00					Gas	2,159,080	1.022	2,207,291	13,148,401	6.938	6.090
TOTAL UNIT 2	514	189,526.00	17			11,646				2,207,291	13,148,401	6.938	
Crystal River 4 & 5													
		213,886.00					Coal	100,590	22.593	2,272,595	8,440,339	3.946	83.908
		0.00					No 2	2,289	5.742	13,142	278,769	0.000	121.786
TOTAL UNIT 4	721	213,886.00	14			10,687				2,285,737	8,719,108	4.077	
		608,640.00					Coal	280,320	22.609	6,337,654	23,551,783	3.870	84.017
		0.00					No 2	6,666	5.741	38,269	859,912	0.000	129.000
TOTAL UNIT 5	721	608,640.00	39			10,476				6,375,923	24,411,695	4.011	
TOTAL Steam	1,756	1,249,064.00				10,856				13,559,680	63,746,608	5.104	
Gas Turbine													
Bartow Combined Cycle													
		91,846.32					No 2	122,032	5.712	697,047	16,077,325	17.555	132.127
		1,116,671.68					Gas	8,333,071	1.017	8,474,734	53,389,283	4.781	6.407
TOTAL BCC	1,259	1,208,518.00	44			7,589				9,171,781	69,466,608	5.752	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 3/1/2022

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		255.38					No 2	656	5.713	3,748	78,496	30.737	119.658
		2,239.62					Gas	32,137	1.023	32,865	197,440	8.816	6.144
TOTAL BAP	223	2,495.00	1			14,674				36,613	275,936	11.060	
Bayboro Peaker		695.00					No 2	1,802	5.711	10,291	211,974	30.500	117.632
TOTAL BYP	229	695.00	0			14,808				10,291	211,974	30.500	
Citrus County		2,993,647.00					Gas	19,950,453	1.027	20,483,487	138,812,379	4.637	6.958
TOTAL CCCC	1,854	2,993,647.00	75			6,842				20,483,487	138,812,379	4.637	
Debary Peaker		2,356.68					No 2	5,486	5.767	31,639	628,886	26.685	114.635
		9,739.32					Gas	127,839	1.023	130,751	904,786	9.290	7.078
TOTAL DEP	611	12,096.00	1			13,425				162,390	1,533,672	12.679	
Hines Energy		2,746,770.00					Gas	19,668,742	1.020	20,068,047	127,302,566	4.635	6.472
TOTAL HEP	2,169	2,746,770.00	59			7,306				20,068,047	127,302,566	4.635	
Intercession City Peaker		6,184.60					No 2	16,084	5.446	87,587	1,579,212	25.535	98.185
		36,115.19					Gas	498,549	1.026	511,469	3,246,820	8.990	6.513
TOTAL ICP	1,135	42,300.00	2			14,162				599,057	4,826,032	11.409	
Osprey		157,160.00					Gas	1,132,375	1.026	1,161,817	6,983,025	4.443	6.167
TOTAL OSP	611	157,160.00	12			7,393				1,161,817	6,983,025	4.443	
Suwannee Peaker		589.89					No 2	1,010	5.820	5,878	92,887	15.746	91.968
		8,359.51					Gas	81,685	1.022	83,454	725,658	8.664	8.884
TOTAL SRP	204	8,949.00	2			9,964				89,332	818,545	9.130	
Tiger Bay Cogen		265,623.00					Gas	2,004,477	1.019	2,042,772	11,831,841	4.454	5.903
TOTAL TBP	230	265,623.00	53			7,690				2,042,772	11,831,841	4.454	
Univ of Florida Cogen		0.00					No 2	0	0.000	0	0	0.000	0.000
		99,000.80					Gas	963,871	1.023	986,475	5,917,597	5.977	6.139
TOTAL UFP	50	99,001.00	92			9,964				986,475	5,917,597	5.977	
TOTAL Gas Turbine	8,575	7,537,254.00				7,272				54,812,062	367,980,175	4.883	
SYSTEM TOTAL	10,917	9,065,262.30				7,542				68,371,742	431,726,784	4.763	

A-5 System Generation Fuel Cost Report

Report Period : 3/1/2022 to 3/1/2022

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)	60,165	145,977	(85,812)	(58.8%)
20 - UNIT COST (\$/BBL)	156.89	104.91	51.98	49.5%
21 - AMOUNT (\$)	9,439,264	15,314,464	(5,875,200)	(38.4%)
22 - BURNED				
23 - UNITS (BBL)	117,320	145,977	(28,657)	(19.6%)
24 - UNIT COST (\$/BBL)	132.32	104.91	27.41	26.1%
25 - AMOUNT (\$)	15,523,406	15,314,464	208,942	1.4%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	458,636	440,951	17,685	4.0%
31 - UNIT COST (\$/BBL)	111.46	106.09	5.36	5.1%
32 - AMOUNT (\$)	51,117,438	46,781,343	4,336,095	9.3%
33 -				
34 - DAYS SUPPLY	122	91	31	34.3%

A-5 System Generation Fuel Cost Report

Report Period : 3/1/2022 to 3/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	99,835	23,192	76,643	330.5%
37 - UNIT COST (\$/TON)	84.81	128.20	(43.39)	(33.8%)
38 - AMOUNT (\$)	8,466,903	2,973,140	5,493,763	184.8%
39 - BURNED				
40 - UNITS (TON)	82,670	23,192	59,478	256.5%
41 - UNIT COST (\$/TON)	84.59	128.20	(43.61)	(34.0%)
42 - AMOUNT (\$)	6,992,973	2,973,140	4,019,833	135.2%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	493,882	536,876	(42,994)	(8.0%)
48 - UNIT COST (\$/TON)	84.59	75.50	9.09	12.0%
49 - AMOUNT (\$)	41,776,960	40,532,872	1,244,088	3.1%
50 -				
51 - DAYS SUPPLY	185	694	(509)	(73.3%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	19,231,336	18,952,170	279,166	1.5%
54 - UNIT COST (\$/MCF)	6.38	5.29	1.09	20.6%
55 - AMOUNT (\$)	122,785,615	100,293,652	22,491,963	22.4%
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 3/1/2022

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)	155,322	161,791	(6,469)	(4.0%)
20 - UNIT COST (\$/BBL)	137.98	105.53	32.45	30.7%
21 - AMOUNT (\$)	21,431,137	17,074,347	4,356,790	25.5%
22 - BURNED				
23 - UNITS (BBL)	156,025	161,791	(5,766)	(3.6%)
24 - UNIT COST (\$/BBL)	126.95	105.53	21.42	20.3%
25 - AMOUNT (\$)	19,807,460	17,074,347	2,733,113	16.0%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	458,636	440,951	17,685	4.0%
31 - UNIT COST (\$/BBL)	111.46	106.09	5.36	5.1%
32 - AMOUNT (\$)	51,117,438	46,781,343	4,336,095	9.3%
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2022 to 3/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	292,579	48,335	244,244	505.3%
37 - UNIT COST (\$/TON)	97.74	152.42	(54.68)	(35.9%)
38 - AMOUNT (\$)	28,596,744	7,367,062	21,229,682	288.2%
39 - BURNED				
40 - UNITS (TON)	380,907	48,335	332,572	688.1%
41 - UNIT COST (\$/TON)	83.99	152.42	(68.43)	(44.9%)
42 - AMOUNT (\$)	31,992,122	7,367,062	24,625,060	334.3%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	493,882	536,876	(42,994)	(8.0%)
48 - UNIT COST (\$/TON)	84.59	75.50	9.09	12.0%
49 - AMOUNT (\$)	41,776,960	40,532,872	1,244,088	3.1%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	57,585,147	57,755,170	(170,023)	(0.3%)
54 - UNIT COST (\$/MCF)	6.60	5.33	1.26	23.7%
55 - AMOUNT (\$)	379,927,201	308,120,942	71,806,259	23.3%
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
March 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		46,615		46,615	3.968	5.011	1,849,828	2,335,901	486,073.00
ACTUAL									
Constellation Energy Generation, LLC	InternationalSwapsDe	216		216	3.282	4.363	7,088.40	9,423.24	2,334.84
PJM Settlements, Inc	MR1	3,636		3,636	3.347	4.184	121,693.15	152,147.11	30,453.96
Reedy Creek Improvement District	CR-1	7,555		7,555	3.032	3.539	229,051.40	267,408.65	38,357.25
Southern Company Services, Inc.	EEL	1,000		1,000	2.749	2.527	27,485.92	25,273.96	(2,211.96)
Tampa Electric Company	CR-1	875		875	3.275	3.623	28,653.75	31,703.27	3,049.52
The Energy Authority	Schedule OS	1,600		1,600	2.739	3.300	43,824.00	52,800.00	8,976.00
Adjustments									
PJM Settlements								(5,423.46)	(5,423.46)
Tampa Electric Company								531.55	531.55
Tallahassee, City of								(12,487.10)	(12,487.10)
Subtotal - Gain on Other Power Sales		14,882	-	14,882	3.076	3.503	457,796.62	521,377.22	63,580.60
CURRENT MONTH TOTAL		14,882		14,882	3.076	3.503	457,796.62	521,377.22	63,580.60
DIFFERENCE		(31,733)		(31,733)	(0.892)	(1.508)	(1,392,031.38)	(1,814,523.78)	(422,492.40)
DIFFERENCE %		(68)		(68)	(22.482)	(30.087)	(75.25)	(77.68)	(86.92)
CUMULATIVE ACTUAL		218,095		217,910	3.676	4.693	8,017,167.04	10,235,354.98	2,218,187.94
CUMULATIVE ESTIMATED		167,338		167,338	4.386	5.539	7,340,181.00	9,268,934.00	1,928,753.00
DIFFERENCE		50,757		50,572	(0.71)	(0.85)	676,986.04	966,420.98	289,434.94
DIFFERENCE %		30		30	(16.20)	(15.27)	9.22	10.43	15.01

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
MARCH, 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		15,012	-	-	15,012	6.679	6.679	1,002,650.00	1,002,650.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	16,031			16,031	7.799	7.799	1,250,280.02	1,250,280.02
Vandolah Power Co. LLC (Northern Star)	TOLL	55,390			55,390	7.768	7.768	4,302,932.58	4,302,932.58
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	7			7	8.669	8.669	606.83	606.83
Vandolah Power Co. LLC (Northern Star)	TOLL	969			969	0.735	0.735	7,123.12	7,123.12
CURRENT MONTH TOTAL		72,397			72,397	7.681	7.681	5,560,942.55	5,560,942.55
DIFFERENCE		57,385			57,385	1.002	1.002	4,558,292.55	4,558,292.55
DIFFERENCE %		382			382	15.005	15.005	454.62	454.62
CUMULATIVE ACTUAL		123,530			123,530	9.296	9.296	11,483,564.22	11,483,564.22
CUMULATIVE ESTIMATED		32,500			32,500	6.975	6.975	2,266,893.00	2,266,893.00
DIFFERENCE		91,030			91,030	2.321	2.321	9,216,671.22	9,216,671.22
DIFFERENCE %		280			280	33.277	33.277	406.58	406.58

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
MARCH, 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		193,324	-	-	193,324	5.580	21.197	10,787,927.87
ACTUAL								
Lake County (LAKCOUNT) ADJ	CO-GEN	737			737	3.570	3.570	26,311.82 (189.51)
Lee County (LEECOGAS) ADJ	CO-GEN	69			69	3.462	3.462	2,388.72 -
Orange Coaen (ORANGEAS) ADJ	CO-GEN	1,806			1,806	3.534	3.534	63,831.93 (17,529.10)
Orange Coaen (ORANGECO) ADJ	CO-GEN	33,937			33,937	5.194	24.517	1,762,715.85 58,591.98
Orlando Coaen Limited (ORLACOGL) ADJ	CO-GEN	89,178			89,178	6.393	13.965	5,700,957.68 210,081.13
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	9,837			9,837	2.719	26.374	267,439.88 (102,947.97)
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	48 (19)			48 (19)	3.679	3.679	1,754.76 (305.70)
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	29,262			29,262	2.718	21.593	795,344.87 (261,042.17)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	35,334			35,334	3.667	29.013	1,295,668.66 23,544.49
CURRENT MONTH TOTAL		200,189			200,189	4.91	19.988	9,826,617.33
DIFFERENCE		6,865			6,865	(0.672)	(1.209)	(961,310.54)
DIFFERENCE %		3.55			3.55	(12.03)	(5.70)	(8.91)
CUMULATIVE ACTUAL		616,572			616,572	4.821	19.537	29,725,471.21
CUMULATIVE ESTIMATED		635,895			635,895	5.411	19.655	34,410,251.65
CUMULATIVE DIFFERENCE		(19,323)			(19,323)	(0.590)	(0.118)	(4,684,780.44)
CUMULATIVE DIFFERENCE %		(3.04)			(3.04)	(10.91)	(0.60)	(13.61)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
MARCH, 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		8,887	5.587	496,498	6.414	570,069.00	73,571.00
ACTUAL:							
SubTotal - Energy Purchases (Broker)		-	0.000	\$0.00	0.000	\$0.00	\$0.00
SEPA	Hydro	2,264	5.236	\$118,535.40	5.236	\$118,535.40	
Constellation Energy Generation, LLC	InternationalSwapsDe	13,859	5.567	\$771,576.00	8.279	1,147,328.59	\$375,752.59
Duke Electric Transmission	Transmission Purchase	-	-	\$12,940.29	-	-	(\$12,940.29)
Florida Power & Light Company		-	0.000	\$72,833.21	0.000	\$0.00	(\$72,833.21)
Florida Power & Light Company		200	5.000	10,000.00	5.594	11,188.00	1,188.00
Jacksonville Electric Authority		-	0.000	27,240.00	0.000	-	(27,240.00)
Macquarie Energy LLC	EEl	24,234	6.333	1,534,690.00	7.466	1,809,296.05	274,606.05
Morgan Stanley Capital Group Inc.	Schedule OS	7,464	5.659	\$422,393.00	7.170	535,145.01	\$112,752.01
Orlando Utilities Commission	Transmission Purchase	2,700	10.633	\$287,100.00	6.424	173,440.00	(\$113,660.00)
Seminole Electric Cooperative, Inc.	EEl	-	0.000	\$44,492.00	0.000	-	(\$44,492.00)
Southern Company Services, Inc.	Transmission Purchase	11,124	5.351	\$595,262.00	6.920	769,810.54	\$174,548.54
Southern Company Services, Inc. Transmission	EEl2	-	0.000	26,883.96	0.000	-	(26,883.96)
Tampa Electric Company		1,700	6.153	104,600.00	5.599	95,187.00	(9,413.00)
ADJUSTMENTS							
PJM Settlements				(2,225.63)			2,225.63
Florida Power & Light Co				(11.62)			11.62
Southern Company Services, Inc. Transmission	Transmission			2,746.17			(2,746.17)
Tampa Electric Company				1,558.80			1,558.80
SubTotal - Energy Purchases (Non-Broker)		63,545	6.343	4,030,613.58	7.333	4,659,930.59	632,434.61
CURRENT MONTH TOTAL		63,545	6.343	4,030,613.58	7.333	4,659,930.59	632,434.61
DIFFERENCE		54,658	0.756	3,534,115.58	0.919	4,089,861.59	558,863.61
DIFFERENCE %		615	13.538	711.81	14.325	717.43	759.62
CUMULATIVE ACTUAL		83,294	6.599	5,496,213.49	7.119	5,929,716.15	597,993.12
CUMULATIVE ESTIMATED		20,239	5.624	1,138,143.00	6.457	1,306,794.00	168,651.00
DIFFERENCE		63,056	0.975	4,358,070.49	0.662	4,622,922.15	429,342.12
DIFFERENCE %		312	17.336	382.91	10.253	353.76	254.57

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										19,580,729
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	6,542,615	6,542,615	6,542,615										19,627,844
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,429,950	2,429,950	2,429,950										7,289,850
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,784,338	5,784,338	5,784,338										17,353,013
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										26,796,524
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0										0
7 Southern purchase - Franklin	PPA	425	6/1/16 - 5/31/21	(79,292)	0	0										(79,292)
8 Retail Wheeling				(355,205)	(339,033)	(51,083)										(745,322)
9 CR1&2 NBV				45,460	45,460	45,460										136,381
10 ISFSI Return				573,320	573,320	573,320										1,719,959
11 Vandolah Capacity Purchase	PPA	669	June 2012 - May 2027	3,011,389	2,975,257	2,023,067										8,009,713
12 Capacity Sales and Purchases	Other	-1	on-going no term date	9,365	(9,365)	(12,487)										(12,487)
13 Shady Hills Tolling	PPA	517	4/1/07-4/30/24	1,976,940	1,976,940	1,494,234										5,448,114
14 RidgeGen Agreement Termination				623,808	620,376	615,110										1,859,294
15 SoBRA True-Up - Santa Fe				(289,763)	0	0										(289,763)
16 SoBRA True-Up - Twin Rivers				(400,148)	0	0										(400,148)
17 SoBRA True-Up - Santa Fe (Base Rate Adjmt)				(32,191)	(32,191)	(32,191)										(96,573)
18 SoBRA True-Up - Twin Rivers (Base Rate Adjmt)				(44,454)	(44,454)	(44,454)										(133,362)
19 SoBRA - Charlie Creek (Base Rate Adjmt)				(1,039,615)	(1,039,615)	(1,039,615)										(3,118,845)
20 SoBRA - Sandy Creek (Base Rate Adjmt)				(806,910)	(806,910)	(806,910)										(2,420,729)
TOTAL				33,460,807	34,111,604	32,952,490	0	0	0	0	0	0	0	0	0	100,524,900