



Stephanie A. Cuello
SENIOR COUNSEL

February 23, 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 January 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 23rd day of February, 2022.

s/ Stephanie A. Cuello

Stephanie A. Cuello

<p>Suzanne Brownless Stefanie Jo Osborn Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us sosborn@psc.state.fl.us</p> <p>J. Wahlen / M. Means Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jwahlen@ausley.com mmeans@ausley.com</p> <p>Russell A. Badders Gulf Power Company One Energy Place, Bin 100 Pensacola, FL 32520-0100 russell.badders@nexteraenergy.com</p> <p>Kenneth A. Hoffman Florida Power & Light Company 134 W. Jefferson Street Tallahassee, FL 32301-1713 ken.hoffman@fpl.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. FIPUG 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com mqualls@moylelaw.com</p> <p>Robert Scheffel Wright/John T. LaVia, III Gardner Law Firm 1300 Thomaswood Drive Tallahassee FL 32308 jlavia@gbwlegal.com schef@gbwlegal.com</p>	<p>Anastacia Pirrello / Richard Gentry Office of Public Counsel 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 pirrello.anastacia@leg.state.fl.us gentry.richard@leg.state.fl.us</p> <p>Paula K. Brown Regulatory Affairs Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111 regdept@tecoenergy.com</p> <p>Maria Moncada / David Lee Florida Power & Light Company 700 Universe Blvd. (LAW/JB) Juno Beach, FL 33408-0420 david.lee@fpl.com maria.moncada@fpl.com</p> <p>James Brew / Laura W. Baker Stone Mattheis Xenopoulos & Brew, P.C. White Springs/PCS Phosphate 1025 Thomas Jefferson St., N.W. Eighth Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com</p> <p>Mike Cassel Florida Public Utilities Company 208 Wildlight Avenue Yulee, FL 32097 mcassel@fpuc.com</p> <p>Michelle D. Napier Florida Public Utilities Company 1635 Meathe Drive West Palm Beach, FL 33411 mnapier@fpuc.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. FPUC 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p>
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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JANUARY 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)	135,309,148	114,408,849	20,900,299	18.3	3,313,133	3,115,229	197,904	6.4	4.0840	3.6726	0.4114	11.2
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	1,058,093	1,058,537	(444)	(0.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	136,367,241	115,467,386	20,899,855	18.1	3,313,133	3,115,229	197,904	6.4	4.1160	3.7065	0.4095	11.1
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	3,021,265	507,894	2,513,371	494.9	23,080	6,599	16,482	249.8	13.0904	7.6971	5.3933	70.1
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)	656,665	323,197	333,468	103.2	8,231	5,746	2,485	43.3	7.9776	5.6245	2.3531	41.8
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	9,738,063	12,946,651	(3,208,588)	(24.8)	222,328	241,037	(18,709)	(7.8)	4.3800	5.3712	(0.9912)	(18.5)
9 TOTAL COST OF PURCHASED POWER	13,415,993	13,777,742	(361,749)	(2.6)	253,639	253,382	258	0.1	5.2894	5.4375	(0.1481)	(2.7)
10 TOTAL AVAILABLE MWH					3,566,772	3,368,610	198,162	6				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(5,104,042)	(3,199,695)	(1,904,347)	59.5	(128,846)	(68,997)	(59,849)	86.7	3.9614	4.6375	(0.6761)	(14.6)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(1,715,500)	(840,772)	(874,728)	104.0	(128,846)	(68,997)	(59,849)	86.7	1.3314	1.2186	0.1128	9.3
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(9,113,723)	(5,534,350)	(3,579,373)	64.7	(209,186)	(139,566)	(69,620)	49.9	4.3568	3.9654	0.3914	9.9
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(15,933,266)	(9,574,817)	(6,358,449)	66.4	(338,032)	(208,563)	(129,469)	62.1	4.7135	4.5909	0.1226	2.7
14 NET INADVERTENT AND WHEELED INTERCHANGE					17,096	0	17,096					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	133,849,969	119,670,311	14,179,657	11.9	3,245,836	3,160,047	85,789	2.7	4.1237	3.7870	0.3367	8.9
16 NET UNBILLED	22,489,934	(4,078,653)	26,568,587	(651.4)	(545,377)	107,702	(653,079)	(606.4)	0.8405	(0.1322)	0.9727	(735.8)
17 COMPANY USE	594,172	573,645	20,527	3.6	(14,409)	(15,148)	739	(4.9)	0.0222	0.0186	0.0036	19.4
18 T & D LOSSES	423,481	6,319,481	(5,896,000)	(93.3)	(10,269)	(166,874)	156,605	(93.9)	0.0158	0.2048	(0.1890)	(92.3)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	133,849,969	119,670,311	14,179,657	11.9	2,675,782	3,085,728	(409,946)	(13.3)	5.0023	3.8782	1.1241	29.0
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	26,770	(23,934)	50,704	(211.9)	438	(738)	1,176	(159.3)	6.1131	3.2416	2.8715	88.6
21 JURISDICTIONAL KWH SALES	133,876,739	119,646,377	14,230,361	11.9	2,676,220	3,084,989	(408,770)	(13.3)	5.0025	3.8783	1.1242	29.0
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	133,914,224	119,679,878	14,234,346	11.9	2,676,220	3,084,989	(408,770)	(13.3)	5.0039	3.8794	1.1245	29.0
23 PRIOR PERIOD TRUE-UP	10,284,899	10,284,899	0	0.0	2,676,220	3,084,989	(408,770)	(13.3)	0.3843	0.3334	0.0509	15.3
24 TOTAL JURISDICTIONAL FUEL COST	144,199,123	129,964,777	14,234,346	11.0	2,676,220	3,084,989	(408,770)	(13.3)	5.3882	4.2128	1.1754	27.9
25 GPIF	221,440	221,440	(0)	0.0	2,676,220	3,084,989	(408,770)	(13.3)	0.0083	0.0072	0.0011	15.3
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	2,676,220	3,084,989	(408,770)	(13.3)	0.0000	0.0000	0.0000	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									5.397	4.220	1.177	27.9

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

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - JANUARY 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)	135,309,148	114,408,849	20,900,299	18.3	3,313,133	3,115,229	197,904	6.4	4.0840	3.6726	0.4114	11.2
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	1,058,093	1,058,537	(444)	(0.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	136,367,241	115,467,386	20,899,855	18.1	3,313,133	3,115,229	197,904	6.4	4.1160	3.7065	0.4095	11.1
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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)	656,665	323,197	333,468	103.2	8,231	5,746	2,485	43.3	7.9776	5.6245	2.3531	41.8
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	9,738,063	12,946,651	(3,208,588)	(24.8)	222,328	241,037	(18,709)	(7.8)	4.3800	5.3712	(0.9912)	(18.5)
9 TOTAL COST OF PURCHASED POWER	13,415,993	13,777,742	(361,749)	(2.6)	253,639	253,382	258	0.1	5.2894	5.4375	(0.1481)	(2.7)
10 TOTAL AVAILABLE MWH					3,566,772	3,368,610	198,162	5.9				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(5,104,042)	(3,199,695)	(1,904,347)	59.5	(128,846)	(68,997)	(59,849)	86.7	3.9614	4.6375	(0.6761)	(14.6)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(1,715,500)	(840,772)	(874,728)	104.0	(128,846)	(68,997)	(59,849)	86.7	1.3314	1.2186	0.1128	9.3
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(9,113,723)	(5,534,350)	(3,579,373)	64.7	(209,186)	(139,566)	(69,620)	49.9	4.3568	3.9654	0.3914	9.9
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14 NET INADVERTENT AND WHEELED INTERCHANGE					17,096	0	17,096					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	133,849,969	119,670,311	14,179,657	11.9	3,245,836	3,160,047	85,789	2.7	4.1237	3.7870	0.3367	8.9
16 NET UNBILLED	22,489,934	(4,078,653)	26,568,587	(651.4)	(545,377)	107,702	(653,079)	(606.4)	0.8405	(0.1322)	0.9727	(735.8)
17 COMPANY USE	594,172	573,645	20,527	3.6	(14,409)	(15,148)	739	(4.9)	0.0222	0.0186	0.0036	19.4
18 T & D LOSSES	423,481	6,319,481	(5,896,000)	(93.3)	(10,269)	(166,874)	156,605	(93.9)	0.0158	0.2048	(0.1890)	(92.3)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	133,849,969	119,670,311	14,179,657	11.9	2,675,782	3,085,728	(409,946)	(13.3)	5.0023	3.8782	1.1241	29.0
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	26,770	(23,934)	50,704	(211.9)	438	(738)	1,176	(159.3)	6.1131	3.2416	2.8715	88.6
21 JURISDICTIONAL KWH SALES	133,876,739	119,646,377	14,230,361	11.9	2,676,220	3,084,989	(408,770)	(13.3)	5.0025	3.8783	1.1242	29.0
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	133,914,224	119,679,878	14,234,346	11.9	2,676,220	3,084,989	(408,770)	(13.3)	5.0039	3.8794	1.1245	29.0
23 PRIOR PERIOD TRUE-UP	10,284,899	10,284,899	0	0.0	2,676,220	3,084,989	(408,770)	(13.3)	0.3843	0.3334	0.0509	15.3
24 TOTAL JURISDICTIONAL FUEL COST	144,199,123	129,964,777	14,234,346	11.0	2,676,220	3,084,989	(408,770)	(13.3)	5.3882	4.2128	1.1754	27.9
25 GPIF	221,440	221,440	(0)	0.0	2,676,220	3,084,989	(408,770)	(13.3)	0.0083	0.0072	0.0011	86.8
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									5.397	4.220	1.177	27.9

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

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JANUARY 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	\$135,309,148	114,408,849	\$20,900,299	18.3	\$135,309,148	\$114,408,849	\$20,900,299	18.3
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(5,104,042)	(3,199,695)	(1,904,347)	59.5	(5,104,042)	(3,199,695)	(1,904,347)	59.5
2a. GAIN ON POWER SALES	(1,715,500)	(840,772)	(874,728)	104.0	(1,715,500)	(840,772)	(874,728)	104.0
3 . FUEL COST OF PURCHASED POWER	3,021,265	507,894	2,513,371	494.9	3,021,265	507,894	2,513,371	494.9
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	9,738,063	12,946,651	(3,208,588)	(24.8)	9,738,063	12,946,651	(3,208,588)	(24.8)
4 . ENERGY COST OF ECONOMY PURCHASES	656,665	323,197	333,468	103.2	656,665	323,197	333,468	103.2
5 . TOTAL FUEL & NET POWER TRANSACTIONS	141,905,599	124,146,124	17,759,474	14.3	141,905,599	124,146,124	17,759,474	14.3
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(9,113,723)	(5,534,350)	(3,579,373)	64.7	(9,113,723)	(5,534,350)	(3,579,373)	64.7
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,058,093	1,058,537	(444)	(0.0)	1,058,093	1,058,537	(444)	(0.0)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$133,849,969	\$119,670,311	\$14,179,657	11.9	\$133,849,969	\$119,670,311	\$14,179,657	11.9
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)	(20)	0	(20)		(20)	0	(20)	
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	1,058,113	0	1,058,113		1,058,113	0	1,058,113	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0		0	0	0	
NET METER SETTLEMENT	0	0	0		0	0	0	
CR4 OUTAGE REPLACEMENT POWER	0	0	0		0	0	0	
Derivative Collateral Interest	0	0	0		0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,058,093	\$0	\$1,058,093		\$1,058,093	\$0	\$1,058,093	
B. KWH SALES								
1 . JURISDICTIONAL SALES	2,676,220,169	3,084,989,402	(408,769,233)	(13.3)	2,676,220,169	3,084,989,402	(408,769,233)	(13.3)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	(437,912)	738,343	(1,176,255)	(159.3)	(437,912)	738,343	(1,176,255)	(159.3)
3 . TOTAL SALES	2,675,782,257	3,085,727,745	(409,945,488)	(13.3)	2,675,782,257	3,085,727,745	(409,945,488)	(13.3)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	100.02	99.98	0.04	0.0	100.02	99.98	0.04	0.0

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$105,563,161	\$122,972,242	(\$17,409,082)	(14.2)	\$105,563,161	\$122,972,242	(\$17,409,082)	(14.2)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(10,284,899)	(10,284,899)	0	0.0	(10,284,899)	(10,284,899)	0	0.0
2b. INCENTIVE PROVISION	(221,440)	(221,440)	0	0.0	(221,440)	(221,440)	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	95,056,822	112,465,903	(17,409,082)	(15.5)	95,056,822	112,465,903	(17,409,082)	(15.5)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	133,849,969	119,670,311	14,179,657	11.9	133,849,969	119,670,311	14,179,657	11.9
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	100.02	99.98	0.04	0.0	100.02	99.98	0.04	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00028 LOSS MULTIPLIER)	133,914,224	119,679,878	14,234,346	11.9	133,914,224	119,679,878	14,234,346	11.9
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(38,857,402)	(7,213,975)	(31,643,427)	438.6	(38,857,402)	(7,213,975)	(31,643,427)	438.6
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(38,415)	(33,114)	(5,301)	16.0	(38,415)	(33,114)	(5,301)	16.0
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(412,544,468)	(415,458,323)	2,913,855	(0.7)	(412,544,468)	(415,458,323)	2,913,855	(0.7)
10. TRUE UP COLLECTED (REFUNDED)	10,284,899	10,284,899	0	0.0	10,284,899	10,284,899	0	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(441,155,386)	(412,420,512)	(28,734,874)	7.0	(441,155,386)	(412,420,512)	(28,734,874)	7.0
12. OTHER:	0				0			
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$441,155,386)	(412,420,512)	(28,734,874)	7.0	(\$441,155,386)	(412,420,512)	(28,734,874)	7.0
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$412,544,468)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(441,116,971)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(853,661,439)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(426,830,720)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.080	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.140	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.220	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.110	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.009	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$38,415)	N/A	--	--				

A-3 Generating System Comparative Data Report

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

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	2,980,538	946,170	2,034,368	215.0 %
3 - COAL	7,926,570	2,665,708	5,260,862	197.4 %
4 - GAS	124,402,040	110,796,971	13,605,069	12.3 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	135,309,148	114,408,849	20,900,299	18.3 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	10,830	4,525	6,305	139.3 %
11 - COAL	203,163	41,855	161,308	385.4 %
12 - GAS	3,015,292	2,976,156	39,136	1.3 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	83,847	92,693	(8,846)	(9.5 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,313,133	3,115,229	197,904	6.4 %
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	28,003	8,536	19,467	228.1 %
19 - COAL (TON)	96,297	18,648	77,649	416.4 %
20 - GAS (MCF)	21,965,824	20,736,573	1,229,251	5.9 %
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 O L	0	0	0	0.0 %
25 - LIGHT OIL	156,013	49,733	106,280	213.7 %
26 - COAL	2,186,010	430,001	1,756,009	408.4 %
27 - GAS	22,466,422	20,736,573	1,729,849	8.3 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	24,808,446	21,216,307	3,592,139	16.9 %
GENERATION MIX (% MWH)				
32 - HEAVY O L	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.3	0.15	0.2	125.0 %
34 - COAL	6.1	1.34	4.8	356.4 %
35 - GAS	91.0	95.54	(4.5)	(4.7 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.5	2.98	(0.4)	(14.9 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY O L (\$/BBL)	0.00	0.00	0.00	0.0 %

A-3 Generating System Comparative Data Report

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

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	106.44	110.84	(4.41)	(4.0 %)
42 - COAL (\$/TON)	82.31	142.95	(60.63)	(42.4 %)
43 - GAS (\$/MCF)	5.66	5.34	0.32	6.0 %
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 O L	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	19.10	19.02	0.08	0.4 %
49 - COAL	3.63	6.20	(2.57)	(41.5 %)
50 - GAS	5.54	5.34	0.19	3.6 %
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)	5.45	5.39	0.06	1.1 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	14,405	10,991	3,414	31.1 %
57 - COAL	10,760	10,274	486	4.7 %
58 - GAS	7,451	6,968	483	6.9 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,488	6,811	677	9.9 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	27.52	20.91	6.61	31.6 %
65 - COAL	3.90	6.37	(2.47)	(38.7 %)
66 - GAS	4.13	3.72	0.40	10.8 %
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)	4.08	3.67	0.41	11.2 %

A-3 Generating System Comparative Data Report

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

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	2,980,538	946,170	2,034,368	215.0 %
3 - COAL	7,926,570	2,665,708	5,260,862	197.4 %
4 - GAS	124,402,040	110,796,971	13,605,069	12.3 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	135,309,148	114,408,849	20,900,299	18.3 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	10,830	4,525	6,305	139.3 %
11 - COAL	203,163	41,855	161,308	385.4 %
12 - GAS	3,015,292	2,976,156	39,136	1.3 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	83,847	92,693	(8,846)	(9.5 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,313,133	3,115,229	197,904	6.4 %
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	28,003	8,536	19,467	228.1 %
19 - COAL (TON)	96,297	18,648	77,649	416.4 %
20 - GAS (MCF)	21,965,824	20,736,573	1,229,251	5.9 %
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 O L	0	0	0	0.0 %
25 - LIGHT OIL	156,013	49,733	106,280	213.7 %
26 - COAL	2,186,010	430,001	1,756,009	408.4 %
27 - GAS	22,466,422	20,736,573	1,729,849	8.3 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	24,808,446	21,216,307	3,592,139	16.9 %
GENERATION MIX (% MWH)				
32 - HEAVY O L	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.3	0.15	0.2	125.0 %
34 - COAL	6.1	1.34	4.8	356.4 %
35 - GAS	91.0	95.54	(4.5)	(4.7 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.5	2.98	(0.4)	(14.9 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY O L (\$/BBL)	0.00	0.00	0.00	0.0 %

A-3 Generating System Comparative Data Report

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

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	106.44	110.84	(4.41)	(4.0 %)
42 - COAL (\$/TON)	82.31	142.95	(60.63)	(42.4 %)
43 - GAS (\$/MCF)	5.66	5.34	0.32	6.0 %
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 O L	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	19.10	19.02	0.08	0.4 %
49 - COAL	3.63	6.20	(2.57)	(41.5 %)
50 - GAS	5.54	5.34	0.19	3.6 %
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)	5.45	5.39	0.06	1.1 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	14,405	10,991	3,414	31.1 %
57 - COAL	10,760	10,274	486	4.7 %
58 - GAS	7,451	6,968	483	6.9 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,488	6,811	677	9.9 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	27.52	20.91	6.61	31.6 %
65 - COAL	3.90	6.37	(2.47)	(38.7 %)
66 - GAS	4.13	3.72	0.40	10.8 %
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)	4.08	3.67	0.41	11.2 %

A-4 System Net Generation and Fuel Cost Report

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

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													
Columbia Solar 1													
TOTAL CSF 1	75	10,883.00	20			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	11,271.00	20			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	11,912.00	22			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	8,717.00	16			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	5,702.00	17			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	519.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	699.00	19			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	9,898.00	18			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,410.00	21			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	11,854.00	21			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	10,915.00	20			0				0	0	0.000	
St. Pete Pier	0.35	67.12	26			0				0	0	0.000	
TOTAL Solar	587	83,847.12				0				0	0	0.000	
Steam													
Anclote													
		54,945.00					Gas	616,760	1.024	631,562	3,566,939	6.492	5.783
TOTAL UNIT 1	521	54,945.00	14			11,494				631,562	3,566,939	6.492	
		76,254.00					Gas	911,721	1.024	933,602	5,272,802	6.915	5.783
TOTAL UNIT 2	514	76,254.00	20			12,243				933,602	5,272,802	6.915	
Crystal River 4 & 5													
		54,903.00					Coal	28,600	22.700	649,220	2,354,101	4.288	82.311
		0.00					No 2	1,873	5.733	10,738	226,397	0.000	120.874
TOTAL UNIT 4	721	54,903.00	10			12,020				659,958	2,580,498	4.700	
		148,260.00					Coal	67,700	22.700	1,536,790	5,572,469	3.759	82.311
		0.00					No 2	2,455	5.732	14,071	296,746	0.000	120.874
TOTAL UNIT 5	721	148,260.00	28			10,460				1,550,861	5,869,215	3.959	
TOTAL Steam	2,477	334,362.00				11,293				3,775,984	17,289,455	5.171	
Gas Turbine													
Bartow Combined Cycle													
		1,637.25					No 2	2,182	5.711	12,462	263,313	16.083	120.675
		447,563.75					Gas	3,349,759	1.017	3,406,706	17,809,938	3.979	5.317
TOTAL BCC	1,259	449,201.00	48			7,612				3,419,168	18,073,251	4.023	
Bartow Peaker													
		79.45					No 2	219	5.705	1,249	26,170	32.938	119.498
		826.55					Gas	12,681	1.025	12,998	73,347	8.874	5.784
TOTAL BAP	171	906.00	1			15,726				14,247	99,517	10.984	

A-4 System Net Generation and Fuel Cost Report

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

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 (\$)
Bayboro Peaker													
TOTAL BYP	229	129.20	0			18,523	No 2	420	5,698	2,393	49,293	38.152	117.364
		129.00								2,393	49,293	38.152	
Citrus County													
TOTAL CCCC	1,854	1,142,336.00	83			6,800	Gas	7,556,535	1,028	7,768,118	45,999,759	4.027	6.087
		1,142,336.00								7,768,118	45,999,759	4.027	
Debary Peaker													
TOTAL DEP	611	2,694.50					No 2	4,731	5,767	27,284	541,983	20.114	114.560
		1,634.50					Gas	16,131	1,026	16,551	93,219	5.703	5.779
		4,329.00	1			10,126				43,835	635,202	14.673	
Hines Energy													
TOTAL HEP	2,169	1,008,334.00	62			7,352	Gas	7,268,080	1,020	7,413,442	39,706,484	3.938	5.463
		1,008,334.00								7,413,442	39,706,484	3.938	
Intercession City Peaker													
TOTAL ICP	1,135	5,128.00					No 2	15,114	5,421	81,937	1,483,749	28.934	98.171
		7,902.89					Gas	122,956	1,027	126,275	660,976	8.364	5.376
		13,031.00	2			15,978				208,212	2,144,725	16.459	
Osprey													
TOTAL OSP	611	107,909.00	24			7,475	Gas	786,227	1,026	806,669	4,216,648	3.908	5.363
		107,909.00								806,669	4,216,648	3.908	
Suwannee Peaker													
TOTAL SRP	203	1,162.11					No 2	1,010	5,820	5,878	92,887	7.993	91.968
		2,838.39					Gas	14,006	1,025	14,356	80,753	2.845	5.766
		4,000.00	3			5,058				20,234	173,641	4.340	
Tiger Bay Cogen													
TOTAL TBP	230	127,609.00	75			7,569	Gas	949,730	1,017	965,875	5,050,691	3.958	5.318
		127,609.00								965,875	5,050,691	3.958	
Univ of Florida Cogen													
TOTAL UFP	50	0.00					No 2	0	0.000	0	0	0.000	0.000
		37,139.00					Gas	361,238	1,025	370,269	1,870,483	5.036	5.178
		37,139.00	100			9,970				370,269	1,870,483	5.036	
TOTAL Gas Turbine	8,522	2,894,924.00				7,265				21,032,462	118,019,693	4.077	
SYSTEM TOTAL	11,585	3,313,132.71				7,488				24,808,446	135,309,148	4.084	

A-4 System Net Generation and Fuel Cost Report

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

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													
Columbia Solar 1													
TOTAL CSF 1	75	10,883.00	20			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	11,271.00	20			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	11,912.00	22			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	8,717.00	16			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	5,702.00	17			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	519.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	699.00	19			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	9,898.00	18			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,410.00	21			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	11,854.00	21			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	10,915.00	20			0				0	0	0.000	
St. Pete Pier	0.35	67.12	26			0				0	0	0.000	
TOTAL Solar	587	83,847.12				0				0	0	0.000	
Steam													
Anclote													
		54,945.00					Gas	616,760	1.024	631,562	3,566,939	6.492	5.783
TOTAL UNIT 1	521	54,945.00	14			11,494				631,562	3,566,939	6.492	
		76,254.00					Gas	911,721	1.024	933,602	5,272,802	6.915	5.783
TOTAL UNIT 2	514	76,254.00	20			12,243				933,602	5,272,802	6.915	
Crystal River 4 & 5													
		54,903.00					Coal	28,600	22.700	649,220	2,354,101	4.288	82.311
		0.00					No 2	1,873	5.733	10,738	226,397	0.000	120.874
TOTAL UNIT 4	721	54,903.00	10			12,020				659,958	2,580,498	4.700	
		148,260.00					Coal	67,700	22.700	1,536,790	5,572,469	3.759	82.311
		0.00					No 2	2,455	5.732	14,071	296,746	0.000	120.874
TOTAL UNIT 5	721	148,260.00	28			10,460				1,550,861	5,869,215	3.959	
TOTAL Steam	2,477	334,362.00				11,293				3,775,984	17,289,455	5.171	
Gas Turbine													
Bartow Combined Cycle													
		1,637.25					No 2	2,182	5.711	12,462	263,313	16.083	120.675
		447,563.75					Gas	3,349,759	1.017	3,406,706	17,809,938	3.979	5.317
TOTAL BCC	1,259	449,201.00	48			7,612				3,419,168	18,073,251	4.023	
Bartow Peaker													
		79.45					No 2	219	5.705	1,249	26,170	32.938	119.498
		826.55					Gas	12,681	1.025	12,998	73,347	8.874	5.784
TOTAL BAP	171	906.00	1			15,726				14,247	99,517	10.984	

A-4 System Net Generation and Fuel Cost Report

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

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 (\$)
Bayboro Peaker													
TOTAL BYP	229	129.20	0			18,523	No 2	420	5,698	2,393	49,293	38.152	117.364
		129.00								2,393	49,293	38.152	
Citrus County													
TOTAL CCCC	1,854	1,142,336.00	83			6,800	Gas	7,556,535	1,028	7,768,118	45,999,759	4.027	6.087
		1,142,336.00								7,768,118	45,999,759	4.027	
Debary Peaker													
TOTAL DEP	611	2,694.50	1			10,126	No 2	4,731	5,767	27,284	541,983	20.114	114.560
		1,634.50					Gas	16,131	1,026	16,551	93,219	5.703	5.779
		4,329.00								43,835	635,202	14.673	
Hines Energy													
TOTAL HEP	2,169	1,008,334.00	62			7,352	Gas	7,268,080	1,020	7,413,442	39,706,484	3.938	5.463
		1,008,334.00								7,413,442	39,706,484	3.938	
Intercession City Peaker													
TOTAL ICP	1,135	5,128.00	2			15,978	No 2	15,114	5,421	81,937	1,483,749	28.934	98.171
		7,902.89					Gas	122,956	1,027	126,275	660,976	8.364	5.376
		13,031.00								208,212	2,144,725	16.459	
Osprey													
TOTAL OSP	611	107,909.00	24			7,475	Gas	786,227	1,026	806,669	4,216,648	3.908	5.363
		107,909.00								806,669	4,216,648	3.908	
Suwannee Peaker													
TOTAL SRP	203	1,162.11	3			5,058	No 2	1,010	5,820	5,878	92,887	7.993	91.968
		2,838.39					Gas	14,006	1,025	14,356	80,753	2.845	5.766
		4,000.00								20,234	173,641	4.340	
Tiger Bay Cogen													
TOTAL TBP	230	127,609.00	75			7,569	Gas	949,730	1,017	965,875	5,050,691	3.958	5.318
		127,609.00								965,875	5,050,691	3.958	
Univ of Florida Cogen													
TOTAL UFP	50	0.00	100			9,970	No 2	0	0.000	0	0	0.000	0.000
		37,139.00					Gas	361,238	1,025	370,269	1,870,483	5.036	5.178
		37,139.00								370,269	1,870,483	5.036	
TOTAL Gas Turbine	8,522	2,894,924.00				7,265				21,032,462	118,019,693	4.077	
SYSTEM TOTAL	11,585	3,313,132.71				7,488				24,808,446	135,309,148	4.084	

A-5 System Generation Fuel Cost Report

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

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)	40,788	8,536	32,252	377.8%
20 - UNIT COST (\$/BBL)	121.09	110 84	10.25	9.2%
21 - AMOUNT (\$)	4,939,161	946,170	3,992,991	422.0%
22 - BURNED				
23 - UNITS (BBL)	28,003	8,536	19,467	228.1%
24 - UNIT COST (\$/BBL)	106.44	110 84	(4.41)	(4.0%)
25 - AMOUNT (\$)	2,980,538	946,170	2,034,368	215.0%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	471,622	440,951	30,671	7.0%
31 - UNIT COST (\$/BBL)	109.10	106 09	3.00	2.8%
32 - AMOUNT (\$)	51,452,383	46,781,343	4,671,040	10.0%
33 -				
34 - DAYS SUPPLY	522	1,550	(1,028)	(66.3%)

A-5 System Generation Fuel Cost Report

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

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	76,943	18,648	58,295	312.6%
37 - UNIT COST (\$/TON)	118.07	142.95	(24.87)	(17.4%)
38 - AMOUNT (\$)	9,085,029	2,665,708	6,419,321	240.8%
39 - BURNED				
40 - UNITS (TON)	96,297	18,648	77,649	416.4%
41 - UNIT COST (\$/TON)	82.31	142.95	(60.63)	(42.4%)
42 - AMOUNT (\$)	7,926,570	2,665,708	5,260,862	197.4%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	562,856	536,876	25,980	4.8%
48 - UNIT COST (\$/TON)	82.31	75.50	6.82	9.0%
49 - AMOUNT (\$)	46,330,797	40,532,872	5,797,925	14.3%
50 -				
51 - DAYS SUPPLY	181	864	(683)	(79.0%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	21,965,824	20,736,573	1,229,251	5.9%
54 - UNIT COST (\$/MCF)	5.66	5.34	0.32	6.0%
55 - AMOUNT (\$)	124,402,040	110,796,971	13,605,069	12.3%
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%

A-5 System Generation Fuel Cost Report

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

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)	40,788	8,536	32,252	377.8%
20 - UNIT COST (\$/BBL)	121.09	110 84	10.25	9.2%
21 - AMOUNT (\$)	4,939,161	946,170	3,992,991	422.0%
22 - BURNED				
23 - UNITS (BBL)	28,003	8,536	19,467	228.1%
24 - UNIT COST (\$/BBL)	106.44	110 84	(4.41)	(4.0%)
25 - AMOUNT (\$)	2,980,538	946,170	2,034,368	215.0%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	471,622	440,951	30,671	7.0%
31 - UNIT COST (\$/BBL)	109.10	106 09	3.00	2.8%
32 - AMOUNT (\$)	51,452,383	46,781,343	4,671,040	10.0%
33 -				
34 - DAYS SUPPLY	522	1,550	(1,028)	(66.3%)

A-5 System Generation Fuel Cost Report

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

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	76,943	18,648	58,295	312.6%
37 - UNIT COST (\$/TON)	118.07	142.95	(24.87)	(17.4%)
38 - AMOUNT (\$)	9,085,029	2,665,708	6,419,321	240.8%
39 - BURNED				
40 - UNITS (TON)	96,297	18,648	77,649	416.4%
41 - UNIT COST (\$/TON)	82.31	142.95	(60.63)	(42.4%)
42 - AMOUNT (\$)	7,926,570	2,665,708	5,260,862	197.4%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	562,856	536,876	25,980	4.8%
48 - UNIT COST (\$/TON)	82.31	75.50	6.82	9.0%
49 - AMOUNT (\$)	46,330,797	40,532,872	5,797,925	14.3%
50 -				
51 - DAYS SUPPLY	181	864	(683)	(79.0%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	21,965,824	20,736,573	1,229,251	5.9%
54 - UNIT COST (\$/MCF)	5.66	5.34	0.32	6.0%
55 - AMOUNT (\$)	124,402,040	110,796,971	13,605,069	12.3%
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
January 2022

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
ESTIMATED		68,997		68,997	4.637	5.856	3,199,695.00	4,040,467.00	840,772.00
ACTUAL									
Exelon Generation Company, LLC	InternationalSwapsDe	20,178		20,178	3.194	5.093	644,495.75	1,027,586.91	383,091.16
Florida Municipal Power Agency	CR-1	775		775	2.716	3.242	21,047.75	25,123.50	4,075.75
Florida Power & Light Company	CR-1	3,600		3,600	11.962	15.676	430,632.00	564,336.00	133,704.00
Macquarie Energy LLC	CR-1	24,129		24,129	3.391	4.292	818,142.53	1,035,646.22	217,503.69
Macquarie Energy LLC		17,392		17,392	3.140	4.474	546,121.99	778,125.84	232,003.85
Morgan Stanley Capital Group Inc.	EEl	32,818		32,818	4.203	5.211	1,379,183.40	1,710,059.27	330,875.87
PJM Settlements, Inc	MR1	5,198		5,198	3.293	7.048	171,187.72	366,375.67	195,187.95
Reedy Creek Improvement District	CR-1	6,225		6,225	2.517	2.966	156,670.70	184,631.80	27,961.10
Tallahassee (City of)	CR-1	831		831	2.826	3.639	23,480.55	30,243.89	6,763.34
The Energy Authority	EEl	213		213	3.006	7.423	6,403.48	15,811.40	9,407.92
The Energy Authority	Schedule OS	17,487		17,487	5.185	6.124	906,676.09	1,070,899.40	164,223.31
Adjustments									
Southern Company								(1,855.00)	(1,855.00)
PJM Settlements								6.65	6.65
Tallahassee (City of)								21,852.45	21,852.45
Rainbow Marketing Corp								0.33	0.33
PJM Settlements								(7,741.94)	(7,741.94)
Reedy Creek								(1,560.00)	(1,560.00)
Subtotal - Gain on Other Power Sales		128,846	-	128,846	3.961	5.293	5,104,041.96	6,819,542.39	1,715,500.43
CURRENT MONTH TOTAL		128,846		128,846	3.961	5.293	5,104,041.96	6,819,542.39	1,715,500.43
D FFERENCE		59,849		59,849	(0.676)	(0.563)	1,904,346.96	2,779,075.39	874,728.43
D FFERENCE %		87		87	(14.571)	(9.618)	59.52	68.78	104.04
CUMULATIVE ACTUAL		128,846		128,846	3.961	5.293	5,104,041.96	6,819,542.39	1,715,500.43
CUMULATIVE EST MATED		68,997		68,997	4.637	5.856	3,199,695.00	4,040,467.00	840,772.00
D FFERENCE		59,849		59,849	(0.676)	(0.563)	1,904,346.96	2,779,075.39	874,728.43
D FFERENCE %		87		87	(14.579)	(9.618)	59.52	68.78	104.04

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
January, 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		6,599			6,599	7.697	7.697	507,894.00	507,894.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	5,952			5,952	14.270	14.270	849,329.05	849,329.05
Vandolah Power Co. LLC (Northern Star)	TOLL	16,509			16,509	12.886	12.886	2,127,298.97	2,127,298.97
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	39			39	3.624	3.624	1,413.55	1,413.55
Vandolah Power Co. LLC (Northern Star)	TOLL	580			580	7.452	7.452	43,223.42	43,223.42
CURRENT MONTH TOTAL		23,080			23,080	13.090	13.090	3,021,264.99	3,021,264.99
DIFFERENCE		16,481			16,481	5.393	5.393	2,513,370.99	2,513,370.99
DIFFERENCE %		250			250	70.071	70.071	494.86	494.86
CUMULATIVE ACTUAL		23,080			23,080	13.090	13.090	3,021,264.99	3,021,264.99
CUMULATIVE EST MATED		6,599			6,599	7.697	7.697	507,894.00	507,894.00
DIFFERENCE		16,481			16,481	5.394	5.394	2,513,370.99	2,513,370.99
DIFFERENCE %		250			250	70.082	70.082	494.86	494.86

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
JANUARY, 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		241,037	-	-	241,037	5.371	17.897	12,946,651.44
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	0 0			0 0	3.373	3.373	3.71 3.71
Lake County (LAKCOUNT) ADJ	CO-GEN	714 -			714 -	3.183	3.183	22,724.04 (4,554.08)
Lee County (LEECOGAS) ADJ	CO-GEN	476 -			476 -	5.743	5.743	27,336.23 -
Metro-Dade County (METRDDAS) ADJ	CO-GEN	317 -			317 -	2.268	2.268	7,190.64 (6,177.25)
Orange Cogen (ORANGEAS) ADJ	CO-GEN	2,492 -			2,492 -	2.955	2.955	73,631.89 (11,013.48)
Orange Cogen (ORANGECO) ADJ	CO-GEN	31,546 -			31,546 -	4.708	25.906	1,485,302.62 107,841.43
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	89,461 -			89,461 -	5.812	13.288	5,199,773.94 144,854.55
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,251 -			17,251 -	2.941	16.633	507,299.44 (67,975.44)
PCS Phosphate (OCSWFCKR) ADJ	CO-GEN	122 75			122 75	2.719	2.719	3,317.42 1,513.01
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	43,222 -			43,222 -	2.922	15.963	1,263,059.63 (147,869.40)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	36,652 -			36,652 -	3.278	27.458	1,201,631.82 (69,831.29)
CURRENT MONTH TOTAL		222,328			222,328	4.380	17.994	9,738,063.13
DIFFERENCE		(18,709)			(18,709)	(0.991)	0.097	(3,208,588.31)
DIFFERENCE %		(7.76)			(7.76)	(18.45)	0.54	(24.78)
CUMULATIVE ACTUAL		222,328			222,328	4.380	17.994	9,738,063.13
CUMULATIVE ESTIMATED		241,037			241,037	5.371	17.897	12,946,651.44
CUMULATIVE DIFFERENCE		(18,709)			(18,709)	(0.991)	0.097	(3,208,588.31)
CUMULATIVE DIFFERENCE %		(7.76)			(7.76)	(18.45)	0.54	(24.78)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF
JANUARY, 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		5,746	5 625	323,197.00	6.458	371,086.00	47,889.00
ACTUAL							
SubTotal - Energy Purchases (Broker)							
SEPA	Hydro	7,331	5.473	401,246.87	5.473	401,246.87	-
Duke Electric Transmission	Transmission Purchase			23,923.19			(23,923.20)
Florida Power & Light Company Transmission	Transmission Purchase	-	0 000	17,123.34	-	-	(17,123.34)
Florida Power & Light Company		300	5 600	16,800.00	7 076	21,228.00	4,428.00
Macquarie Energy LLC		500	15 000	75,000.00	28.430	142,150.00	67,150.00
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0 000	43,306.27	-	-	(43,306.27)
Tallahassee (City of)	Schedule OS	100	2 000	2,000.00	2.780	2,780.00	780.00
ADJUSTMENTS							
Duke Electric				33,768.92			(33,768.92)
Tampa Electric				(32,010.60)			32,010.60
PJM Settlements				(5,475.68)			5,475.68
Florida Power & Light				(10.55)			10.55
Southern Company	Transmission			80,697.08			80,697.08
South Carolina Public Service Authority				296.40			(296.40)
SubTotal - Energy Purchases (Non-Broker)							
		8,231	7 978	656,665.24	6 893	567,404.87	72,133.78
CURRENT MONTH TOTAL							
DIFFERENCE		2,485	2 353	333,468.24	0.435	196,318.87	24,244.78
DIFFERENCE %		43	41 824	103.18	6.739	52.90	50.63
CUMULATIVE ACTUAL							
CUMULATIVE ESTIMATED		8,231	7 978	656,665.24	6 893	567,404.87	72,133.78
DIFFERENCE		5,746	5 625	323,197.00	6.458	371,086.00	47,889.00
DIFFERENCE %		2,485	2 353	333,468.24	0.435	196,318.87	24,244.78
DIFFERENCE %		43	41 831	103.18	6.736	52.90	50.63

