



Stephanie A. Cuello
SENIOR COUNSEL

October 19, 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 September, 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/vr
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 19th day of October, 2022.

s/ Stephanie A. Cuello

Stephanie A. Cuello

<p>Suzanne Brownless Ryan Sandy Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us rsandy@psc.state.fl.us</p> <p>J. Wahlen / M. Means / V. Ponder Ausley McMullen Tampa Electric Company P.O. Box 391 Tallahassee, FL 32302 jwahlen@ausley.com mmeans@ausley.com vponder@ausley.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>Corey Allain Nucor Steel Florida, Inc. 22 Nucor Drive Frostproof, FL 33843 corey.allain@nucor.com</p>	<p>Office of Public Counsel Richard Gentry/P. Christensen/C. Rehwinkel/M. Wessling/A. Pirrello/S. Morse c/o The Florida Legislature 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 gentry.richard@leg.state.fl.us rehwinkel.charles@leg.state.fl.us christensen.patty@leg.state.fl.us pirrello.anastacia@leg.state.fl.us morse.stephanie@leg.state.fl.us wessling.mary@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> <p>Robert Scheffel Wright John T. LaVia, III Florida Retail Federation Gardner, Bist, Bowden, Dee, LaVia, Wright, Perry, & Harper, P.A. 1300 Thomaswood Drive Tallahassee, FL 32308 schef@gbwlegal.com jlavia@gbwlegal.com</p> <p>Peter J. Mattheis Michael K. Lavanga Joseph R. Briscar Stone, Mattheis, Xenopoulos, & Brew P.C. Nucor 1025 Thomas Jefferson Street, NW Eighth Floor, West Tower Washington, DC 20007 pjm@smxblaw.com mkl@smxblaw.com jrb@smxblaw.com</p>
---	---	--

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

SEPTEMBER 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)	297,869,227	266,918,542	30,950,685	11.6	3,803,637	3,808,775	(5,138)	(0.1)	7.8312	7.0080	0.8232	11.8
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	1,056,176	1,027,430	28,746	2.8	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	298,925,403	267,945,972	30,979,431	11.6	3,803,637	3,808,775	(5,138)	(0.1)	7.8589	7.0350	0.8239	11.7
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	37,348,825	14,464,772	22,884,053	158.2	312,212	127,412	184,800	145.0	11.9626	11.3528	0.6098	5.4
6 ENERGY COST OF SCH C.X ECONOMY PURCH - BROKER (SCH A8)	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)	4,134,181	7,356,538	(3,222,357)	(43.8)	38,619	100,913	(62,293)	(61.7)	10.7049	7.2900	3.4149	46.8
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	16,746,267	16,677,566	68,702	0.4	194,304	219,616	(25,312)	(11.5)	8.6186	7.5940	1.0246	13.5
9 TOTAL COST OF PURCHASED POWER	58,229,273	38,498,876	19,730,398	51.3	545,136	447,941	97,195	21.7	10.6816	8.5946	2.0870	24.3
10 TOTAL AVAILABLE MWH					4,348,773	4,256,716	92,057	2				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,910,739)	0	(1,910,739)	0.0	(24,924)	0	(24,924)	0.0	7.6663	0.0000	7.6663	0.0
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(231,644)	0	(231,644)	0.0	(24,924)	0	(24,924)	0.0	0.9294	0.0000	0.9294	0.0
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	46,329	0	46,329	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(37,012,368)	(24,066,692)	(12,945,676)	53.8	(455,914)	(341,793)	(114,121)	33.4	8.1183	7.0413	1.0770	15.3
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(39,108,422)	(24,066,692)	(15,041,730)	62.5	(480,838)	(341,793)	(139,045)	40.7	8.1334	7.0413	1.0921	15.5
14 NET INADVERTENT AND WHEELED INTERCHANGE					23,570	0	23,570					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	318,046,254	282,378,155	35,668,099	12.6	3,891,505	3,914,923	(23,418)	(0.6)	8.1728	7.2129	0.9599	13.3
16 NET UNBILLED	(60,189,913)	4,078,883	(64,268,796)	(1,575.7)	736,463	(56,550)	793,013	(1,402.3)	(1.4555)	0.1120	(1.5675)	(1,399.6)
17 COMPANY USE	985,065	793,114	191,951	24.2	(12,053)	(10,996)	(1,057)	9.6	0.0238	0.0218	0.0020	9.2
18 T & D LOSSES	39,271,871	14,876,780	24,395,091	164.0	(480,517)	(206,253)	(274,264)	133.0	0.9497	0.4086	0.5411	132.4
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	318,046,254	282,378,155	35,668,099	12.6	4,135,398	3,641,124	494,274	13.6	7.6908	7.7552	(0.0644)	(0.8)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(5,533,188)	(149,120)	(5,384,068)	3,610.6	(71,945)	(1,923)	(70,022)	3,641.7	7.6908	7.7552	(0.0644)	(0.8)
21 JURISDICTIONAL KWH SALES	312,513,066	282,229,035	30,284,031	10.7	4,063,453	3,639,201	424,252	11.7	7.6908	7.7552	(0.0644)	(0.8)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0003	312,631,821	282,336,282	30,295,539	10.7	4,063,453	3,639,201	424,252	11.7	7.6937	7.7582	(0.0645)	(0.8)
23 PRIOR PERIOD TRUE-UP	36,470,185	36,470,185	0	0.0	4,063,453	3,639,201	424,252	11.7	0.8975	1.0021	(0.1046)	(10.4)
24 TOTAL JURISDICTIONAL FUEL COST	349,102,007	318,806,467	30,295,539	9.5	4,063,453	3,639,201	424,252	11.7	8.5912	8.7603	(0.1691)	(1.9)
25 GPIF	221,440	221,440	(0)	0.0	4,063,453	3,639,201	424,252	11.7	0.0054	0.0061	(0.0007)	(11.5)
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	1,579,402.38	1,055,258	524,144	49.7	4,063,453	3,639,201	424,252	11.7	0.0389	0.0290	0.0099	34.1
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									8.636	8.795	(0.160)	(1.8)

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

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - SEPTEMBER 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)	2,045,873,779	1,931,362,504	114,511,275	5.9	32,877,409	32,094,427	782,981	2.4	6.2227	6.0178	0.2049	3.4
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	10,169,394	10,092,830	76,563	0.8	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	2,056,043,172	1,941,455,334	114,587,838	5.9	32,877,409	32,094,427	782,981	2.4	6.2537	6.0492	0.2045	3.4
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	215,969,364	140,495,189	75,474,176	53.7	1,935,501	1,306,022	629,479	48.2	11.1583	10.7575	0.4008	3.7
6 ENERGY COST OF SCH C.X ECONOMY PURCH - BROKER (SCH A8)	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)	62,583,159	58,979,896	3,603,262	6.1	578,309	674,995	(96,686)	(14.3)	10.8218	8.7378	2.0840	23.9
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	104,163,146	112,624,851	(8,461,705)	(7.5)	1,805,367	1,862,840	(57,472)	(3.1)	5.7696	6.0459	(0.2763)	(4.6)
9 TOTAL COST OF PURCHASED POWER	382,715,669	312,099,936	70,615,733	22.6	4,319,177	3,843,857	475,320	12.4	8.8608	8.1194	0.7414	9.1
10 TOTAL AVAILABLE MWH					37,196,586	35,938,284	1,258,302	3.5				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(14,195,165)	(10,748,325)	(3,446,840)	32.1	(316,698)	(268,636)	(48,062)	17.9	4.4822	4.0011	0.4811	12.0
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,927,643)	(2,534,371)	(393,272)	15.5	(316,698)	(268,636)	(48,062)	17.9	0.9244	0.9434	(0.0190)	(2.0)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	203,646	124,992	78,654	62.9	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(216,544,888)	(168,276,252)	(48,268,635)	28.7	(3,398,564)	(2,856,908)	(541,656)	19.0	6.3717	5.8902	0.4815	8.2
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(233,464,050)	(181,433,956)	(52,030,093)	28.7	(3,715,262)	(3,125,545)	(589,717)	18.9	6.2839	5.8049	0.4790	8.3
14 NET INADVERTENT AND WHEELED INTERCHANGE					167,757	104,148	63,609					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	2,205,294,792	2,072,121,314	133,173,477	6.4	33,649,081	32,916,887	732,193	2.2	6.5538	6.2950	0.2588	4.1
16 NET UNBILLED	(3,606,547)	64,772,026	(68,378,573)	(105.6)	(337,991)	(1,184,806)	846,815	(71.5)	(0.0114)	0.2113	(0.2227)	(105.4)
17 COMPANY USE	5,946,758	6,180,102	(233,344)	(3.8)	(95,050)	(101,610)	6,560	(6.5)	0.0187	0.0202	(0.0015)	(7.4)
18 T & D LOSSES	108,149,749	68,254,873	39,894,876	58.5	(1,456,812)	(976,118)	(480,694)	49.3	0.3405	0.2227	0.1178	52.9
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	2,205,294,792	2,072,121,314	133,173,477	6.4	31,759,228	30,654,353	1,104,875	3.6	6.9438	6.7596	0.1842	2.7
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(29,337,096)	(12,292,105)	(17,044,991)	138.7	(371,348)	(160,741)	(210,607)	131.0	7.9002	7.6471	0.2531	3.3
21 JURISDICTIONAL KWH SALES	2,175,957,696	2,059,829,209	116,128,487	5.6	31,387,880	30,493,612	894,268	2.9	6.9325	6.7550	0.1775	2.6
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0003%	2,176,755,439	2,060,582,824	116,172,615	5.6	31,387,880	30,493,612	894,268	2.9	6.9350	6.7574	0.1776	2.6
23 PRIOR PERIOD TRUE-UP	275,861,096	275,861,093	3	0.0	31,387,880	30,493,612	894,268	2.9	0.8789	0.9047	(0.0258)	(2.9)
24 TOTAL JURISDICTIONAL FUEL COST	2,452,616,535	2,336,443,917	116,172,618	5.0	31,387,880	30,493,612	894,268	2.9	7.8139	7.6621	0.1518	2.0
25 GPIF	1,992,959	1,992,960	(1)	0.0	31,387,880	30,493,612	894,268	2.9	0.0063	0.0065	(0.0002)	103.2
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	1,580,668	2,198,910	(618,243)	(28.1)	31,387,880	30,493,612	894,268	2.9	0.0050	0.0072	(0.0022)	144.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									7.825	7.676	0.149	2.0

*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
SEPTEMBER 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	\$297,869,227	266,918,542	\$30,950,685	11.6	\$2,045,873,779	\$1,931,362,504	\$114,511,275	5.9
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(1,910,739)	0	(1,910,739)	0.0	(14,195,165)	(10,748,325)	(3,446,840)	32.1
2a. GAIN ON POWER SALES	(185,315)	0	(185,315)	0.0	(2,723,997)	(2,409,379)	(314,618)	13.1
3 . FUEL COST OF PURCHASED POWER	37,348,825	14,464,772	22,884,053	158.2	215,969,364	140,495,189	75,474,176	53.7
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	16,746,267	16,677,566	68,702	0.4	104,163,146	112,624,851	(8,461,705)	(7.5)
4 . ENERGY COST OF ECONOMY PURCHASES	4,134,181	7,356,538	(3,222,357)	(43.8)	62,583,159	58,979,896	3,603,262	6.1
5 . TOTAL FUEL & NET POWER TRANSACTIONS	354,002,446	305,417,418	48,585,028	15.9	2,411,670,286	2,230,304,736	181,365,550	8.1
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(37,012,368)	(24,066,692)	(12,945,676)	53.8	(216,544,888)	(168,276,252)	(48,268,635)	28.7
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,056,176	1,027,430	28,746	2.8	10,169,394	10,092,830	76,563	0.8
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$318,046,254	\$282,378,155	\$35,668,099	12.6	\$2,205,294,792	\$2,072,121,314	\$133,173,477	6.4
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)	1,740	0	1,740		8,886	0	8,886	
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	1,054,436	0	1,054,436		9,477,868	0	9,477,868	
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	\$1,056,176	\$0	\$1,056,176		\$10,169,394	\$0	\$10,169,394	
B. KWH SALES								
1 . JURISDICTIONAL SALES	4,063,452,870	3,639,201,150	424,251,721	11.7	31,387,880,473	30,493,611,628	894,268,845	2.9
2 . NON JURISDICTIONAL (WHOLESALE) SALES	71,945,307	1,922,823	70,022,484	3,641.7	371,347,920	160,741,125	210,606,795	131.0
3 . TOTAL SALES	4,135,398,177	3,641,123,972	494,274,205	13.6	31,759,228,393	30,654,352,753	1,104,875,640	3.6
4 . JURISDICTIONAL SALES % OF TOTAL SALES	98.26	99.95	(1.69)	(1.7)	98.83	99.48	(0.65)	(0.7)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$193,114,406	\$173,959,200	\$19,155,206	11.0	\$1,440,861,647	\$1,399,819,382	\$41,042,265	2.9
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	(275,861,096)	(275,861,093)	(3)	0.0
2b. INCENTIVE PROVISION	(221,440)	(221,440)	0	0.0	(1,992,959)	(1,992,960)	1	0.0
2c. CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	(1,579,402)	(1,055,258)	(524,144)	49.7	(1,580,668)	(2,198,910)	618,243	(28.1)
3. TOTAL JURISDICTIONAL FUEL REVENUE	154,843,379	136,212,317	18,631,062	13.7	1,161,426,924	1,119,766,418	41,660,505	3.7
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	318,046,254	282,378,155	35,668,099	12.6	2,205,294,792	2,072,121,314	133,173,477	6.4
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	98.26	99.95	(1.69)	(1.7)	98.83	99.48	(0.65)	(0.7)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00038 LOSS MULTIPLIER)	312,631,821	282,336,282	30,295,539	10.7	2,176,755,439	2,060,582,824	116,172,615	5.6
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(157,788,443)	(146,123,966)	(11,664,477)	8.0	(1,015,328,516)	(940,816,406)	(74,512,110)	7.9
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(2,554,310)	(1,231,686)	(1,322,624)	107.4	(7,492,102)	(4,984,072)	(2,508,029)	50.3
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(1,035,611,106)	(971,578,070)	(64,033,036)	6.6	(412,524,152)	(412,524,152)	0	0.0
10. TRUE UP COLLECTED (REFUNDED)	36,470,185	36,470,185	0	0.0	275,861,096	275,861,093	3	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(1,159,483,673)	(1,082,463,537)	(77,020,136)	7.1	(1,159,483,673)	(1,082,463,537)	(77,020,136)	7.1
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$1,159,483,673)	(1,082,463,537)	(77,020,136)	7.1	(\$1,159,483,673)	(1,082,463,537)	(77,020,136)	7.1
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$1,035,611,106)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(1,156,929,364)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(2,192,540,470)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(1,096,270,235)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	2.380	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	3.200	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	5.580	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	2.790	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.233	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$2,554,310)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 9/1/2022 to 9/1/2022

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	1,817,442	1,054,225	763,217	72.4 %
3 - COAL	23,189,592	9,597,513	13,592,079	141.6 %
4 - GAS	272,862,193	256,266,804	16,595,389	6.5 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	297,869,227	266,918,542	30,950,685	11.6 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	3,269	5,076	(1,807)	(35.6 %)
11 - COAL	329,333	183,992	145,341	79.0 %
12 - GAS	3,326,386	3,447,478	(121,092)	(3.5 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	144,650	172,229	(27,579)	(16.0 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,803,637	3,808,775	(5,138)	(0.1 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	12,763	9,399	3,364	35.8 %
19 - COAL (TON)	164,373	86,131	78,242	90.8 %
20 - GAS (MCF)	25,180,057	25,869,304	(689,247)	(2.7 %)
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	73,592	54,755	18,837	34.4 %
26 - COAL	3,729,295	2,002,743	1,726,552	86.2 %
27 - GAS	25,892,197	25,869,304	22,893	0.1 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	29,695,084	27,926,802	1,768,282	6.3 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.1	0.13	(0.05)	(35.5 %)
34 - COAL	8.7	4.83	3.83	79.2 %
35 - GAS	87.5	90.51	(3.06)	(3.4 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	3.8	4.52	(0.72)	(15.9 %)
38	0.0	0	0.00	0.0 %
39 - TOTAL (% MWH)	100.0	100.0	0.00	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %

A-3 Generating System Comparative Data Report

Report Period : 9/1/2022 to 9/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	142.40	112.16	30.24	27.0 %
42 - COAL (\$/TON)	141.08	111.43	29.65	26.6 %
43 - GAS (\$/MCF)	10.84	9.91	0.93	9.4 %
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	24.70	19.25	5.44	28.3 %
49 - COAL	6.22	4.79	1.43	29.8 %
50 - GAS	10.54	9.91	0.63	6.4 %
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)	10.03	9.56	0.47	5.0 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	22,514	10,787	11,727	108.7 %
57 - COAL	11,324	10,885	439	4.0 %
58 - GAS	7,784	7,504	280	3.7 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,807	7,332	475	6.5 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	55.60	20.77	34.83	167.7 %
65 - COAL	7.04	5.22	1.83	35.0 %
66 - GAS	8.20	7.43	0.77	10.4 %
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)	7.83	7.01	0.82	11.7 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2022 to 9/1/2022

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	31,563,161	28,573,558	2,989,603	10.5 %
3 - COAL	153,031,720	111,306,416	41,725,304	37.5 %
4 - GAS	1,861,278,898	1,791,482,528	69,796,370	3.9 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	2,045,873,779	1,931,362,502	114,511,277	5.9 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	125,563	125,570	(7)	(0.0 %)
11 - COAL	3,313,390	2,728,483	584,907	21.4 %
12 - GAS	28,210,573	27,956,111	254,462	0.9 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	1,227,883	1,284,265	(56,382)	(4.4 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	32,877,409	32,094,429	782,980	2.4 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	247,396	226,993	20,403	9.0 %
19 - COAL (TON)	1,599,039	1,295,967	303,072	23.4 %
20 - GAS (MCF)	209,650,525	207,589,460	2,061,065	1.0 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	1,414,023	1,297,983	116,040	8.9 %
26 - COAL	36,183,937	29,406,576	6,777,361	23.0 %
27 - GAS	214,657,042	210,365,035	4,292,007	2.0 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	252,255,002	241,069,594	11,185,408	4.6 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.00	0.0 %
33 - LIGHT OIL	0.4	0.39	(0.01)	(2.4 %)
34 - COAL	10.1	8.50	1.58	18.5 %
35 - GAS	85.8	87.11	(1.30)	(1.5 %)
36 - NUCLEAR	0.0	0.00	0.00	0.0 %
37 - SOLAR	3.7	4.00	(0.27)	(6.7 %)
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 9/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	127.58	125.88	1.70	1.4 %
42 - COAL (\$/TON)	95.70	85.89	9.82	11.4 %
43 - GAS (\$/MCF)	8.88	8.63	0.25	2.9 %
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	22.32	22.01	0.31	1.4 %
49 - COAL	4.23	3.79	0.44	11.7 %
50 - GAS	8.67	8.52	0.15	1.8 %
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	8.11	8.01	0.10	1.2 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	11,261	10,337	925	8.9 %
57 - COAL	10,921	10,778	143	1.3 %
58 - GAS	7,609	7,525	84	1.1 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,673	7,511	161	2.1 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	25.14	22.76	2.38	10.5 %
65 - COAL	4.62	4.08	0.54	13.2 %
66 - GAS	6.60	6.41	0.19	3.0 %
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)	6.22	6.02	0.20	3.4 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 9/1/2022 to 9/1/2022

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	10,831.00	23			0				0	0	0.000	
Charlie Creek Solar													
TOTAL UNIT 1	74	12,577.00	24			0				0	0	0.000	
Columbia Solar 1													
TOTAL CSF 1	75	13,509.00	25			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	10,568.00	20			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	9,749.00	18			0				0	0	0.000	
Fort Green Solar													
TOTAL UNIT 1	74	10,848.00	20			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	15,391.00	29			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	5,802.00	18			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	541.00	19			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	719.00	20			0				0	0	0.000	
Sandy Creek Solar													
TOTAL UNIT 1	74	16,157.00	30			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	11,045.00	20			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,504.00	23			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	12,789.00	24			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	12,539.00	23			0				0	0	0.000	
St. Pete Pier													
TOTAL Unit 1	0.35	39.37	16			0				0	0	0.000	
Clearwater Marine Aquarium (Dolphin Solar)													
TOTAL Unit 1	0.25	41.25	23			0				0	0	0.000	
TOTAL Solar													
Steam	883	144,649.62				0				0	0	0.000	
Anclote													
		167,297.00					Gas	1,817,762	1.027	1,866,842	19,134,108	11.437	10.526
TOTAL UNIT 1	521	167,297.00	45			11,159				1,866,842	19,134,108	11.437	
		161,841.00					Gas	1,753,235	1.027	1,800,572	18,454,885	11.403	10.526
TOTAL UNIT 2	514	161,841.00	44			11,126				1,800,572	18,454,885	11.403	
Crystal River 4 & 5													
		108,689.00					Coal	55,498	22.688	1,259,139	7,829,607	7.204	141.079
		0.00					No 2	3,344	5.743	19,204	592,819	0.000	177.278
TOTAL UNIT 4	721	108,689.00	21			11,761				1,278,342	8,422,425	7.749	
		220,644.00					Coal	108,875	22.688	2,470,156	15,359,985	6.961	141.079
		0.00					No 2	1,275	5.744	7,324	226,030	0.000	177.278

A-4 System Net Generation and Fuel Cost Report

Report Period : 9/1/2022 to 9/1/2022

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 (\$)
TOTAL UNIT 5	778	220,644.00	39			11,228				2,477,480	15,586,015	7.064	
TOTAL Steam	2,534	658,471.00				11,273				7,423,236	61,597,433	9.355	
Gas Turbine													
Bartow Combined Cycle													
		632,253.00					No 2 Gas	4,653,809	1.030	4,793,424	50,348,045	7.963	10.819
TOTAL BCC	1,259	632,253.00	70			7,581				4,793,424	50,348,045	7.963	
Bartow Peaker													
		379.42					No 2 Gas	1,052	5.713	6,010	125,879	33.177	119.657
TOTAL BAP	223	4,936.58	3			15,839		76,136	1.027	78,192	816,396	16.538	10.723
Bayboro Peaker													
		0.00					No 2 Gas	99	5.712	568	11,695	0.000	117.651
TOTAL BYP	0	0.00	0			0				568	11,695	0.000	0.000
Citrus County													
		736,828.00					Gas	4,867,686	1.031	5,018,584	58,710,119	7.968	12.061
TOTAL CCCC	1,854	736,828.00	55			6,811				5,018,584	58,710,119	7.968	
Debary Peaker													
		993.70					No 2 Gas	2,502	5.770	14,437	293,002	29.486	117.107
TOTAL DEP	611	11,485.30	3			14,528		162,001	1.030	166,861	1,713,821	14.922	10.579
Hines Energy													
		1,102,222.00					Gas	7,764,462	1.027	7,975,685	79,973,611	7.256	10.300
TOTAL HEP	2,169	1,102,222.00	71			7,236				7,975,685	79,973,611	7.256	
Intercession City Peaker													
		1,895.83					No 2 Gas	4,491	5.801	26,050	568,018	29.961	126.479
TOTAL ICP	982	44,633.17	7			13,741		595,431	1.030	613,294	6,446,172	14.443	10.826
Osprey													
		303,672.00					Gas	2,127,664	1.025	2,180,856	22,893,823	7.539	10.760
TOTAL OSP	611	303,672.00	69			7,182				2,180,856	22,893,823	7.539	
Suwannee Peaker													
		14,997.90					Gas	211,701	1.026	217,205	2,234,136	14.896	10.553
TOTAL SRP	203	14,998.00	10			14,482				217,205	2,234,136	14.896	
Tiger Bay Cogen													
		113,987.00					Gas	846,827	1.026	868,844	9,164,996	8.040	10.823
TOTAL TBP	230	113,987.00	69			7,622				868,844	9,164,996	8.040	
Univ of Florida Cogen													
		32,232.90					Gas	303,343	1.028	311,838	2,972,080	9.221	9.798
TOTAL UFP	50	32,233.00	90			9,675				311,838	2,972,080	9.221	
TOTAL Gas Turbine	8,192	3,000,517.00				7,422				22,271,848	236,271,794	7.874	0.000
SYSTEM TOTAL	11,666	3,803,637.42				7,807				29,695,084	297,869,227	7.831	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 9/1/2022

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	74	44,970.00	25			0					0	0	0.000
Charlie Creek Solar													
TOTAL UNIT 1	74	33,102.00	25			0					0	0	0.000
Columbia Solar 1													
TOTAL CSF 1	75	143,633.00	29			0					0	0	0.000
Debary Solar 1													
TOTAL DSF 1	74	112,859.00	23			0					0	0	0.000
Duette Solar													
TOTAL UNIT 1	74	133,493.00	28			0					0	0	0.000
Fort Green Solar													
TOTAL UNIT 1	74	60,624.00	26			0					0	0	0.000
Hamilton Solar Facility													
TOTAL HSF 1	75	135,232.00	28			0					0	0	0.000
Lake Placid Solar Facility													
TOTAL LKP 1	45	67,549.00	23			0					0	0	0.000
Osceola Solar Facility 1													
TOTAL UNIT 1	4	4,867.00	19			0					0	0	0.000
Perry Solar Facility 1													
TOTAL UNIT 1	5	5,946.00	18			0					0	0	0.000
Sandy Creek Solar													
TOTAL UNIT 1	74	77,871.00	28			0					0	0	0.000
Santa Fe Solar Facility													
TOTAL Unit 1	75	128,887.00	26			0					0	0	0.000
Suwanee Solar Facility													
TOTAL UNIT 1	9	13,130.00	22			0					0	0	0.000
Trenton Solar Facility													
TOTAL TRN 1	75	131,553.00	27			0					0	0	0.000
Twin Rivers Solar Facility													
TOTAL Unit 1	75	133,578.00	27			0					0	0	0.000
St. Pete Pier													
TOTAL Unit 1	0.35	503.08	22			0					0	0	0.000
Clearwater Marine Aquarium (Dolphin Solar)													
TOTAL Unit 1	0.25	85.64	23			0					0	0	0.000
TOTAL Solar	883	1,227,882.72				0					0	0	0.000
Steam													
Anclote													
TOTAL UNIT 1	521	962,284.00	28			11,349	Gas	10,677,951	1.023	10,920,766	93,213,399	9.687	8.730
TOTAL UNIT 2	514	739,304.00	22			11,588	Gas	8,368,264	1.024	8,566,728	76,138,680	10.299	9.098
Crystal River 4 & 5													
TOTAL UNIT 4	721	1,335,832.00	28			11,211	Coal No 2	656,883 19,625	22.627 5.740	14,863,056 112,646	62,394,121 3,103,543	4.671 0.000	94.985 158.142
		1,977,558.00					Coal	942,156	22.630	21,320,881	90,637,599	4.583	96.202

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 9/1/2022

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 (\$)
		0.00					No 2	17,705	5,741	101,641	2,697,994	0.000	152.386
TOTAL UNIT 5	778	1,977,558.00	39			10,833				21,422,522	93,335,593	4.720	
TOTAL Steam	2,534	5,014,978.00				11,144				55,885,717	328,185,336	6.544	
Gas Turbine													
Bartow Combined Cycle													
		92,944.00					No 2	122,632	5,712	700,476	16,157,118	17.434	132.132
		5,127,233.00					Gas	37,792,246	1,022	38,641,564	335,298,532	6.540	8.872
TOTAL BCC	1,259	5,220,177.00	63			7,537				39,342,040	351,455,650	6.734	
Bartow Peaker													
		3,603.04					No 2	9,798	5,713	55,976	1,172,424	32.540	119.659
		17,758.96					Gas	269,496	1,024	275,898	2,521,189	14.197	9.355
TOTAL BAP	223	21,362.00	1			15,536				331,874	3,693,613	17.291	
Bayboro Peaker													
		1,106.80					No 2	2,931	5,712	16,744	345,093	31.179	117.723
TOTAL BYP	229	1,107.00	0			14,615				16,744	345,093	31.179	
Citrus County													
		8,547,436.00					Gas	56,846,199	1,026	58,341,063	526,342,809	6.158	9.259
TOTAL CCCC	1,854	8,547,436.00	70			6,826				58,341,063	526,342,809	6.158	
Debarry Peaker													
		11,292.11					No 2	34,108	5,768	196,723	3,928,579	34.790	115.179
		86,422.89					Gas	1,177,214	1,024	1,211,982	10,902,502	12.613	9.211
TOTAL DEP	707	97,715.00	2			14,021				1,408,705	14,831,081	15.176	
Hines Energy													
		9,411,980.00					Gas	67,387,234	1,023	68,918,251	568,449,416	6.040	8.436
TOTAL HEP	2,169	9,411,980.00	66			7,322				68,918,251	568,449,416	6.040	
Intercession City Peaker													
		16,170.76					No 2	39,533	5,657	223,633	4,060,648	25.111	102.715
		300,284.75					Gas	4,047,478	1,026	4,152,773	37,553,648	12.506	9.275
TOTAL ICP	1,135	316,456.00	4			13,829				4,376,406	41,614,296	13.150	
Osprey													
		1,642,292.00					Gas	11,744,668	1,025	12,030,502	114,549,060	6.951	9.756
TOTAL OSP	611	1,642,292.00	41			7,301				12,030,502	114,549,060	6.951	
Suwannee Peaker													
		445.95					No 2	1,063	5,820	6,186	97,762	21.922	91.968
		64,732.85					Gas	877,886	1,023	898,272	8,693,266	13.425	9.902
TOTAL SRP	204	65,178.80	5			13,872				904,458	8,791,027	13.483	
Tiger Bay Cogen													
		1,020,837.00					Gas	7,675,165	1,022	7,846,739	65,328,653	6.400	8.512
TOTAL TBP	230	1,020,837.00	68			7,687				7,846,739	65,328,653	6.400	
Univ of Florida Cogen													
		290,008.00					Gas	2,786,723	1,024	2,852,504	22,287,744	7.685	7.998
TOTAL UFP	50	290,008.00	89			9,836				2,852,504	22,287,744	7.685	
TOTAL Gas Turbine	8,671	26,634,547.80				7,370				196,369,285	1,717,688,443	6.448	0.000
SYSTEM TOTAL	12,145	32,877,408.83				7,676				252,255,002	2,045,873,778	6.223	

A-5 System Generation Fuel Cost Report

Report Period : 9/1/2022 to 9/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.00%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00%
4 - AMOUNT (\$)	0	0	0	0.00%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.00%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00%
8 - AMOUNT (\$)	0	0	0	0.00%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0		0	0.00%
11 - AMOUNT (\$)	0		0	0.00%
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.00%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00%
15 - AMOUNT (\$)	0	0	0	0.00%
16 -				
17 - DAYS SUPPLY	0	0	0	0.00%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	21,951	9,399	12,552	133.5%
20 - UNIT COST (\$/BBL)	163.94	112.16	51.77	46.2%
21 - AMOUNT (\$)	3,598,574	1,054,225	2,544,349	241.3%
22 - BURNED				
23 - UNITS (BBL)	12,763	9,399	3,364	35.8%
24 - UNIT COST (\$/BBL)	142.39	112.16	30.23	27.0%
25 - AMOUNT (\$)	1,817,442	1,054,225	763,217	72.4%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	451,091	432,176	18,915	4.4%
31 - UNIT COST (\$/BBL)	118.35	112.03	6.32	5.6%
32 - AMOUNT (\$)	53,386,269	48,417,459	4,968,810	10.3%
33 -				
34 - DAYS SUPPLY	1,060	1,379	(319)	(23.1%)

A-5 System Generation Fuel Cost Report

Report Period : 9/1/2022 to 9/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	233,474	86,131	147,343	171.1%
37 - UNIT COST (\$/TON)	168.46	111.43	57.03	51.2%
38 - AMOUNT (\$)	39,330,576	9,597,513	29,733,063	309.8%
39 - BURNED				
40 - UNITS (TON)	164,373	86,131	78,242	90.8%
41 - UNIT COST (\$/TON)	141.08	111.43	29.65	26.6%
42 - AMOUNT (\$)	23,189,592	9,597,513	13,592,079	141.6%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	575,321	390,319	185,002	47.4%
48 - UNIT COST (\$/TON)	141.08	75.87	65.21	86.0%
49 - AMOUNT (\$)	81,165,809	29,611,570	51,554,239	174.1%
50 -				
51 - DAYS SUPPLY	105	136	(31)	(22.8%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	25,180,057	25,869,304	(689,247)	(2.7%)
54 - UNIT COST (\$/MCF)	10.84	9.91	0.93	9.4%
55 - AMOUNT (\$)	272,862,193	256,266,804	16,595,389	6.5%
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 9/1/2022

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)	239,152	193,161	45,991	23.8%
20 - UNIT COST (\$/BBL)	148.26	138.38	9.87	7.1%
21 - AMOUNT (\$)	35,455,669	26,730,221	8,725,448	32.6%
22 - BURNED				
23 - UNITS (BBL)	247,396	226,993	20,403	9.0%
24 - UNIT COST (\$/BBL)	127.58	125.88	1.70	1.4%
25 - AMOUNT (\$)	31,563,161	28,573,558	2,989,603	10.5%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	451,091	432,176	18,915	4.4%
31 - UNIT COST (\$/BBL)	118.35	112.03	6.32	5.6%
32 - AMOUNT (\$)	53,386,269	48,417,459	4,968,810	10.3%
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2022 to 9/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,592,148	1,104,077	488,071	44.2%
37 - UNIT COST (\$/TON)	118.72	86.72	32.00	36.9%
38 - AMOUNT (\$)	189,025,191	95,745,650	93,279,541	97.4%
39 - BURNED				
40 - UNITS (TON)	1,599,039	1,295,967	303,069	23.4%
41 - UNIT COST (\$/TON)	95.70	85.89	9.82	11.4%
42 - AMOUNT (\$)	153,031,720	111,306,416	41,725,304	37.5%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	575,321	390,319	185,002	47.4%
48 - UNIT COST (\$/TON)	141.08	75.87	65.21	86.0%
49 - AMOUNT (\$)	81,165,809	29,611,570	51,554,239	174.1%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	209,650,525	207,589,460	2,061,065	1.0%
54 - UNIT COST (\$/MCF)	8.88	8.63	0.25	2.9%
55 - AMOUNT (\$)	1,861,278,898	1,791,482,528	69,796,370	3.9%
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
SEPTEMBER, 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		127,412			127,412	11.353	11.353	14,464,772.00	14,464,772.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	111,501			111,501	12.768	12.768	14,236,958.51	14,236,958.51
Vandolah Power Co. LLC (Northern Star)	TOLL	197,359			197,359	12.332	12.332	24,338,594.59	24,338,594.59
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	892			892	(41.089)	(41.089)	(366,509.45)	(366,509.45)
Vandolah Power Co. LLC (Northern Star)	TOLL	2,460			2,460	(34.968)	(34.968)	(860,218.67)	(860,218.67)
CURRENT MONTH TOTAL		312,212			312,212	11.963	11.963	37,348,824.98	37,348,824.98
DIFFERENCE		184,800			184,800	0.610	0.610	22,884,052.98	22,884,052.98
DIFFERENCE %		145			145	5.372	5.372	158.21	158.21
CUMULATIVE ACTUAL		1,935,501			1,935,501	11.158	11.158	215,969,364.31	215,969,364.31
CUMULATIVE ESTIMATED		1,306,023			1,306,023	10.757	10.757	140,495,189.00	140,495,189.00
DIFFERENCE		629,479			629,479	0.401	0.401	75,474,175.31	75,474,175.31
DIFFERENCE %		48			48	3.726	3.726	53.72	53.72

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
SEPTEMBER, 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		219,616	-	-	219,616	7.594	21.341	16,677,565.63
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	0 0			0 0	11.500	11.500	1.15 1.15
Lake County (LAKCOUNT) ADJ	CO-GEN	1,037 -			1,037 -	8.645	8.645	89,653.34 (12,519.72)
Lee County (LEECOGAS) ADJ	CO-GEN	784 -			784 -	8.410	8.410	65,936.91 9,434.89
Metro-Dade County (METRDDAS) ADJ	CO-GEN	74 -			74 -	5	4.656	3,445.44 -
Orange Coqen (ORANGEAS) ADJ	CO-GEN	758 -			758 -	8	7.671	58,148.87 (2,156.16)
Orange Cogen (ORANGECO) ADJ	CO-GEN	29,943 -			29,943 -	9.010	33.344	2,697,851.61 888,750.74
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	78,197 -			78,197 -	8.711	17.885	6,811,874.38 631,302.80
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	15,905 -			15,905 -	3.457	19.587	549,780.24 135,512.28
PCS Phosphate (OCSWFCKR) ADJ	CO-GEN	7 (87)			7 (87)	9.690	9.690	667.67 (6,960.28)
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	35,891 -			35,891 -	3.457	20.457	1,240,626.40 317,415.22
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	31,795 -			31,795 -	7.333	37.687	2,331,566.86 935,933.64
CURRENT MONTH TOTAL		194,304			194,304	8.619	23.991	16,746,267.40
DIFFERENCE		(25,312)			(25,312)	1.025	2.650	68,701.77
DIFFERENCE %		(11.53)			(11.53)	13.49	12.42	0.41
CUMULATIVE ACTUAL		1,805,366			1,805,366	5.770	20.839	104,163,146.12
CUMULATIVE ESTIMATED		1,862,839			1,862,839	6.046	20.605	112,624,851.45
CUMULATIVE DIFFERENCE		(57,473)			(57,473)	(0.276)	0.234	(8,461,705.33)
CUMULATIVE DIFFERENCE %		(3.09)			(3.09)	(4.57)	1.14	(7.51)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
SEPTEMBER, 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		100,913	7.290	7,356,538.00	8.368	8,444,400.00	1,087,862.00
ACTUAL:							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	1,911	7.332	140,138.82	7.332	140,138.82	-
Constellation Energy Generation, LLC	InternationalSwapsDe	10,900	12.296	1,340,225.00	13.394	1,459,934.03	119,709.03
Florida Power & Light Company	Transmission Purchase	-		61,648.10		-	(61,648.10)
Florida Power & Light Company		5,350	8.536	456,700.00	11.466	613,411.50	156,711.50
Macquarie Energy LLC		13,264	9.789	1,298,470.00	13.913	1,845,478.74	547,008.74
Rainbow Energy Marketing Corporation		899	18.000	161,820.00	10.635	95,608.65	(66,211.35)
Southern Company Services, Inc.	EEl	1,200	8.500	102,000.00	8.491	101,892.00	(108.00)
Tallahassee (City of)	Schedule OS	60	5.000	3,000.00	6.245	3,747.00	747.00
Tampa Electric Company	EEl2	5,000	11.284	564,200.00	12.146	607,320.00	43,120.00
The Energy Authority	EEl	35	6.000	2,100.00	7.115	2,490.25	390.25
ADJUSTMENTS							
PJM Settlements				(510.48)			510.48
Florida Power & Light Company				3,932.16			(3,932.16)
Jacksonville Electric				456.00			(456.00)
Tampa Electric Company				1.18			(1.18)
SubTotal - Energy Purchases (Non-Broker)		38,619	10.705	4,134,180.78	12.610	4,870,020.99	735,840.21
CURRENT MONTH TOTAL		38,619	10.705	4,134,180.78	12.610	4,870,020.99	735,840.21
DIFFERENCE		(62,293)	3.415	(3,222,357.22)	4.242	(3,574,379.01)	(352,021.79)
DIFFERENCE %		(62)	46.844	(43.80)	50.697	(42.33)	(32.36)
CUMULATIVE ACTUAL		578,309	10.822	62,583,158.91	12.075	69,830,051.50	7,411,383.05
CUMULATIVE ESTIMATED		674,995	8.738	58,979,896.00	9.612	64,878,288.00	5,898,392.00
DIFFERENCE		(96,686)	2.084	3,603,262.91	2.463	4,951,763.50	1,512,991.05
DIFFERENCE %		(14)	23.849	6.11	25.627	7.63	25.65

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

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	6,579,025	6,502,742	6,498,962	6,502,742	6,297,589	6,214,424	6,280,354	6,390,074	6,397,620				57,663,532
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615				58,883,532
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950				21,869,550
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338				52,059,038
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	8,932,175	8,932,175	8,932,175	8,932,175	8,932,175	8,840,681	8,925,330	8,677,351	8,715,231				79,819,466
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0	0	0	0	0	0	0				0
7 Southern purchase - Franklin	PPA	425	6/1/16 - 5/31/21	(79,292)	0	0	(844)	0	(270,639)	0	0	(42)				(350,817)
8 Retail Wheeling				(355,205)	(339,033)	(51,083)	(110,107)	(3,429)	(4,579)	(4,041)	(37,581)	(44,142)				(949,201)
9 CR1&2 NBV				45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460				409,143
10 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320				5,159,878
11 Vandolah Capacity Purchase	PPA	669	June 2012 - May 2027	3,011,389	2,975,257	2,023,067	2,000,970	2,877,666	5,956,966	5,988,548	5,905,798	2,806,432				33,546,093
12 Capacity Sales and Purchases	Other	-1	on-going no term date	9,365	(9,365)	(12,487)	0	72,800	72,800	0	0	0				133,113
13 Shady Hills Tolling	PPA	517	4/1/07-4/30/24	1,976,940	1,976,940	1,494,234	1,368,900	1,916,460	3,907,980	3,904,200	3,904,200	1,821,960				22,271,814
14 RidgeGen Agreement Termination				623,808	620,376	615,110	612,954	609,548	606,143	602,737	600,407	596,937				5,488,020
15 SoBRA True-Up - Santa Fe				(289,763)	0	0	0	0	0	0	0	0				(289,763)
16 SoBRA True-Up - Twin Rivers				(400,148)	0	0	0	0	0	0	0	0				(400,148)
17 SoBRA True-Up - Santa Fe (Base Rate Adjmt)				(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)				(289,719)
18 SoBRA True-Up - Twin Rivers (Base Rate Adjmt)				(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)				(400,086)
19 SoBRA - Charlie Creek (Base Rate Adjmt)				(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	0				(8,316,920)
20 SoBRA - Sandy Creek (Base Rate Adjmt)				(806,910)	(806,910)	(806,910)	(806,910)	(806,910)	0	0	0	0				(4,034,549)
TOTAL				33,460,807	34,111,604	32,952,490	32,759,302	34,155,321	39,583,198	39,956,550	39,699,671	35,593,032	0	0	0	322,271,975