



Stephanie A. Cuello
SENIOR COUNSEL

March 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 February 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 March, 2022.

s/ Stephanie A. Cuello

Stephanie A. Cuello

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

FEBRUARY 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)	151,115,642	99,572,246	51,543,396	51.8	2,803,355	2,712,985	90,369	3.3	5.3905	3.6702	1.7203	46.9
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	1,737,630	872,354	865,275	99.2	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	152,853,272	100,444,600	52,408,671	52.2	2,803,355	2,712,985	90,369	3.3	5.4525	3.7024	1.7501	47.3
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	2,901,357	756,349	2,145,008	283.6	28,053	10,889	17,164	157.6	10.3424	6.9460	3.3964	48.9
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)	808,935	318,448	490,487	154.0	11,518	5,605	5,913	105.5	7.0231	5.6812	1.3419	23.6
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	10,160,791	10,675,672	(514,882)	(4.8)	194,055	201,534	(7,479)	(3.7)	5.2360	5.2972	(0.0612)	(1.2)
9 TOTAL COST OF PURCHASED POWER	13,871,082	11,750,469	2,120,613	18.1	233,627	218,029	15,598	7.2	5.9373	5.3894	0.5479	10.2
10 TOTAL AVAILABLE MWH					3,036,981	2,931,014	105,967	4				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,455,328)	(2,290,658)	(164,670)	7.2	(74,367)	(51,726)	(22,641)	43.8	3.3016	4.4284	(1.1268)	(25.4)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(439,107)	(601,908)	162,801	(27.1)	(74,367)	(51,726)	(22,641)	43.8	0.5905	1.1636	(0.5731)	(49.3)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	49,039	0	49,039	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(6,538,452)	(2,606,814)	(3,931,638)	150.8	(163,415)	(61,815)	(101,600)	164.4	4.0011	4.2171	(0.2160)	(5.1)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(9,383,848)	(5,499,380)	(3,884,468)	70.6	(237,782)	(113,541)	(124,241)	109.4	3.9464	4.8435	(0.8971)	(18.5)
14 NET INADVERTENT AND WHEELED INTERCHANGE					13,133	0	13,133					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	157,340,506	106,695,690	50,644,816	47.5	2,812,332	2,817,473	(5,141)	(0.2)	5.5947	3.7869	1.8078	47.7
16 NET UNBILLED	(8,668,083)	(7,005,497)	(1,662,586)	23.7	154,935	184,992	(30,057)	(16.3)	(0.3021)	(0.2466)	(0.0555)	22.5
17 COMPANY USE	396,806	499,377	(102,571)	(20.5)	(7,093)	(13,187)	6,094	(46.2)	0.0138	0.0176	(0.0038)	(21.6)
18 T & D LOSSES	5,086,267	5,633,919	(547,652)	(9.7)	(90,913)	(148,773)	57,860	(38.9)	0.1773	0.1983	(0.0210)	(10.6)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	157,340,506	106,695,690	50,644,816	47.5	2,869,262	2,840,505	28,757	1.0	5.4837	3.7562	1.7275	46.0
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(15,734)	(32,009)	16,275	(50.8)	(215)	(865)	650	(75.1)	7.3161	3.7020	3.6141	97.6
21 JURISDICTIONAL KWH SALES	157,324,772	106,663,681	50,661,090	47.5	2,869,047	2,839,640	29,407	1.0	5.4835	3.7562	1.7273	46.0
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	157,368,823	106,693,547	50,675,276	47.5	2,869,047	2,839,640	29,407	1.0	5.4851	3.7573	1.7278	46.0
23 PRIOR PERIOD TRUE-UP	10,284,899	10,284,899	0	0.0	2,869,047	2,839,640	29,407	1.0	0.3585	0.3622	(0.0037)	(1.0)
24 TOTAL JURISDICTIONAL FUEL COST	167,653,722	116,978,446	50,675,276	43.3	2,869,047	2,839,640	29,407	1.0	5.8436	4.1195	1.7241	41.9
25 GPIF	221,440	221,440	(0)	0.0	2,869,047	2,839,640	29,407	1.0	0.0077	0.0078	(0.0001)	(1.3)
26 CLEAN ENERGY CONNECTION (CEC) BILL CREDIT	0	0	0	0.0	2,869,047	2,839,640	29,407	1.0	0.0000	0.0000	0.0000	0.0
27 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									5.851	4.127	1.724	41.8

*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 - FEBRUARY 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)	286,424,790	213,981,095	72,443,695	33.9	6,116,488	5,828,214	288,274	5.0	4.6828	3.6715	1.0113	27.5
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	2,795,723	1,930,891	864,832	44.8	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	289,220,513	215,911,986	73,308,526	34.0	6,116,488	5,828,214	288,274	5.0	4.7285	3.7046	1.0239	27.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	5,922,622	1,264,243	4,658,379	368.5	51,133	17,488	33,646	192.4	11.5828	7.2294	4.3534	60.2
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)	1,465,600	641,645	823,955	128.4	19,750	11,352	8,398	74.0	7.4209	5.6525	1.7684	31.3
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	19,898,854	23,622,324	(3,723,470)	(15.8)	416,383	442,571	(26,188)	(5.9)	4.7790	5.3375	(0.5585)	(10.5)
9 TOTAL COST OF PURCHASED POWER	27,287,075	25,528,212	1,758,864	6.9	487,266	471,410	15,856	3.4	5.6000	5.4153	0.1847	3.4
10 TOTAL AVAILABLE MWH					6,603,754	6,299,624	304,129	4.8				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(7,559,370)	(5,490,353)	(2,069,017)	37.7	(203,213)	(120,723)	(82,490)	68.3	3.7199	4.5479	(0.8280)	(18.2)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,154,607)	(1,442,680)	(711,927)	49.4	(203,213)	(120,723)	(82,490)	68.3	1.0603	1.1950	(0.1347)	(11.3)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	49,039	0	49,039	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(15,652,175)	(8,141,164)	(7,511,012)	92.3	(372,601)	(201,381)	(171,220)	85.0	4.2008	4.0427	0.1581	3.9
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(25,317,114)	(15,074,197)	(10,242,917)	68.0	(575,814)	(322,104)	(253,710)	78.8	4.3968	4.6799	(0.2831)	(6.1)
14 NET INADVERTENT AND WHEELED INTERCHANGE					30,229	0	30,229					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	291,190,474	226,366,001	64,824,473	28.6	6,058,169	5,977,520	80,648	1.4	4.8066	3.7870	1.0196	26.9
16 NET UNBILLED	13,821,852	(11,084,150)	24,906,002	(224.7)	(390,442)	292,694	(683,135)	(233.4)	0.2493	(0.1870)	0.4363	(233.3)
17 COMPANY USE	990,978	1,073,022	(82,044)	(7.7)	(21,501)	(28,335)	6,834	(24.1)	0.0179	0.0181	(0.0002)	(1.1)
18 T & D LOSSES	5,509,749	11,953,400	(6,443,651)	(53.9)	(101,182)	(315,647)	214,465	(67.9)	0.0994	0.2017	(0.1023)	(50.7)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	291,190,474	226,366,001	64,824,473	28.6	5,545,043	5,926,232	(381,189)	(6.4)	5.2514	3.8197	1.4317	37.5
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	11,036	(55,943)	66,979	(119.7)	223	(1,603)	1,826	(113.9)	4.9522	3.4899	1.4623	41.9
21 JURISDICTIONAL KWH SALES	291,201,510	226,310,059	64,891,452	28.7	5,545,266	5,924,629	(379,363)	(6.4)	5.2514	3.8198	1.4316	37.5
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	291,283,047	226,373,425	64,909,621	28.7	5,545,266	5,924,629	(379,363)	(6.4)	5.2528	3.8209	1.4319	37.5
23 PRIOR PERIOD TRUE-UP	20,569,798	20,569,798	0	0.0	5,545,266	5,924,629	(379,363)	(6.4)	0.3709	0.3472	0.0237	6.8
24 TOTAL JURISDICTIONAL FUEL COST	311,852,845	246,943,223	64,909,621	26.3	5,545,266	5,924,629	(379,363)	(6.4)	5.6237	4.1681	1.4556	34.9
25 GPIF	442,880	442,880	(0)	0.0	5,545,266	5,924,629	(379,363)	(6.4)	0.0080	0.0075	0.0005	93.8
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									5.632	4.176	1.456	34.9

*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
FEBRUARY 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	\$151,115,642	99,572,246	\$51,543,396	51.8	\$286,424,790	\$213,981,095	\$72,443,695	33.9
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(2,455,328)	(2,290,658)	(164,670)	7.2	(7,559,370)	(5,490,353)	(2,069,017)	37.7
2a. GAIN ON POWER SALES	(390,068)	(601,908)	211,840	(35.2)	(2,105,568)	(1,442,680)	(662,888)	46.0
3 . FUEL COST OF PURCHASED POWER	2,901,357	756,349	2,145,008	283.6	5,922,622	1,264,243	4,658,379	368.5
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	10,160,791	10,675,672	(514,882)	(4.8)	19,898,854	23,622,324	(3,723,470)	(15.8)
4 . ENERGY COST OF ECONOMY PURCHASES	808,935	318,448	490,487	154.0	1,465,600	641,645	823,955	128.4
5 . TOTAL FUEL & NET POWER TRANSACTIONS	162,141,328	108,430,149	53,711,179	49.5	304,046,927	232,576,274	71,470,653	30.7
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(6,538,452)	(2,606,814)	(3,931,638)	150.8	(15,652,175)	(8,141,164)	(7,511,012)	92.3
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,737,630	872,354	865,275	99.2	2,795,723	1,930,891	864,832	44.8
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$157,340,506	\$106,695,690	\$50,644,816	47.5	\$291,190,474	\$226,366,001	\$64,824,473	28.6
FOOTNOTE - DETAIL OF LINE 6b ABOVE								
N/A - Not used	\$0	\$0	\$0		\$0	\$0	\$0	
N/A - Not used	0	0	0		0	0	0	
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	10	0	10		(10)	0	(10)	
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	1,054,980	0	1,054,980		2,113,094	0	2,113,094	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0		0	0	0	
NET METER SETTLEMENT	682,639	0	682,639		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	\$1,737,630	\$0	\$1,737,630		\$2,795,723	\$0	\$2,795,723	
B. KWH SALES								
1 . JURISDICTIONAL SALES	2,869,046,871	2,839,639,984	29,406,887	1.0	5,545,267,040	5,924,629,386	(379,362,346)	(6.4)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	215,062	864,627	(649,565)	(75.1)	(222,850)	1,602,970	(1,825,820)	(113.9)
3 . TOTAL SALES	2,869,261,933	2,840,504,611	28,757,322	1.0	5,545,044,190	5,926,232,356	(381,188,166)	(6.4)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.99	99.97	0.02	0.0	100.00	99.97	0.03	0.0

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$114,610,384	\$113,192,252	\$1,418,132	1.3	\$220,173,544	\$236,164,494	(\$15,990,950)	(6.8)
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	(20,569,798)	(20,569,798)	0	0.0
2b. INCENTIVE PROVISION	(221,440)	(221,440)	0	0.0	(442,880)	(442,880)	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	104,104,045	102,685,913	1,418,132	1.4	199,160,867	215,151,816	(15,990,949)	(7.4)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	157,340,506	106,695,690	50,644,816	47.5	291,190,474	226,366,001	64,824,473	28.6
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.99	99.97	0.02	0.0	100.00	99.97	0.03	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00028 LOSS MULTIPLIER)	157,368,823	106,693,547	50,675,276	47.5	291,283,047	226,373,425	64,909,621	28.7
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(53,264,778)	(4,007,635)	(49,257,143)	1,229.1	(92,122,180)	(11,221,610)	(80,900,571)	720.9
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(74,020)	(32,986)	(41,034)	124.4	(112,433)	(66,099)	(46,334)	70.1
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(441,135,068)	(412,420,512)	(28,714,556)	7.0	(412,524,152)	(415,458,323)	2,934,171	(0.7)
10. TRUE UP COLLECTED (REFUNDED)	10,284,899	10,284,899	0	0.0	20,569,798	20,569,798	0	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(484,188,967)	(406,176,233)	(78,012,734)	19.2	(484,188,967)	(406,176,233)	(78,012,734)	19.2
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$484,188,967)	(406,176,233)	(78,012,734)	19.2	(\$484,188,967)	(406,176,233)	(78,012,734)	19.2
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$441,135,068)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(484,114,947)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(925,250,015)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(462,625,008)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.140	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.240	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.380	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.190	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.016	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$74,020)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 2/1/2022 to 2/1/2022

Duke Energy Florida, LLC

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	1,303,516	813,713	489,803	60.2 %
3 - COAL	17,072,579	1,728,214	15,344,365	887.9 %
4 - GAS	132,739,546	97,030,319	35,709,227	36.8 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	151,115,642	99,572,246	51,543,396	51.8 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	6,659	4,264	2,395	56.2 %
11 - COAL	441,822	14,562	427,260	2934.1 %
12 - GAS	2,269,185	2,596,217	(327,032)	(12.6 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	85,690	97,943	(12,253)	(12.5 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,803,355	2,712,986	90,369	3.3 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	10,704	7,278	3,426	47.1 %
19 - COAL (TON)	201,940	6,495	195,445	3009.2 %
20 - GAS (MCF)	16,387,987	18,066,427	(1,678,440)	(9.3 %)
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	61,328	42,395	18,933	44.7 %
26 - COAL	4,553,747	150,883	4,402,864	2918.1 %
27 - GAS	16,754,655	18,066,427	(1,311,772)	(7.3 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	21,369,730	18,259,705	3,110,025	17.0 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.2	0.16	0.1	51.1 %
34 - COAL	15.8	0.54	15.2	2836.3 %
35 - GAS	80.9	95.70	(14.8)	(15.4 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	3.1	3.61	(0.6)	(15.3 %)
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 : 2/1/2022 to 2/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	121.78	111.80	9.97	8.9 %
42 - COAL (\$/TON)	84.54	266.08	(181.54)	(68.2 %)
43 - GAS (\$/MCF)	8.10	5.37	2.73	50.8 %
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	21.25	19.19	2.06	10.7 %
49 - COAL	3.75	11.45	(7.70)	(67.3 %)
50 - GAS	7.92	5.37	2.55	47.5 %
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	7.07	5.45	1.62	29.7 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	9,210	9,943	(732)	(7.4 %)
57 - COAL	10,307	10,361	(55)	(0.5 %)
58 - GAS	7,384	6,959	425	6.1 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,623	6,730	892	13.3 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	19.58	19.08	0.49	2.6 %
65 - COAL	3.86	11.87	(8.00)	(67.4 %)
66 - GAS	5.85	3.74	2.11	56.5 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	5.39	3.67	1.72	46.9 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2022 to 2/1/2022

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	4,284,055	1,759,883	2,524,172	143.4 %
3 - COAL	24,999,149	4,393,922	20,605,227	468.9 %
4 - GAS	257,141,586	207,827,290	49,314,296	23.7 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	286,424,790	213,981,095	72,443,695	33.9 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	17,614	8,789	8,825	100.4 %
11 - COAL	644,985	56,417	588,568	1043.2 %
12 - GAS	5,284,352	5,572,373	(288,021)	(5.2 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	169,537	190,636	(21,099)	(11.1 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	6,116,488	5,828,215	288,273	4.9 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	38,707	15,814	22,893	144.8 %
19 - COAL (TON)	298,237	25,143	273,094	1086.2 %
20 - GAS (MCF)	38,353,811	38,803,000	(449,189)	(1.2 %)
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	217,342	92,128	125,214	135.9 %
26 - COAL	6,739,757	580,884	6,158,873	1060.3 %
27 - GAS	39,221,077	38,803,000	418,077	1.1 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	46,178,176	39,476,012	6,702,164	17.0 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.3	0.15	0.1	91.0 %
34 - COAL	10.5	0.97	9.6	989.4 %
35 - GAS	86.4	95.61	(9.2)	(9.6 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.8	3.27	(0.5)	(15.3 %)
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 2/1/2022

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	110.68	111.29	(0.61)	(0.5 %)
42 - COAL (\$/TON)	83.82	174.76	(90.93)	(52.0 %)
43 - GAS (\$/MCF)	6.70	5.36	1.35	25.2 %
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	19.71	19.10	0.61	3.2 %
49 - COAL	3.71	7.56	(3.85)	(51.0 %)
50 - GAS	6.56	5.36	1.20	22.4 %
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)	6.20	5.42	0.78	14.4 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	12,339	10,482	1,857	17.7 %
57 - COAL	10,449	10,296	153	1.5 %
58 - GAS	7,422	6,963	459	6.6 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,550	6,773	777	11.5 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	24.32	20.02	4.30	21.5 %
65 - COAL	3.88	7.79	(3.91)	(50.2 %)
66 - GAS	4.87	3.73	1.14	30.5 %
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)	4.68	3.67	1.01	27.5 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 2/1/2022 to 2/1/2022

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	11,918.00	24			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	8,691.00	17			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	12,691.00	26			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	10,619.00	21			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	6,547.00	22			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	426.00	16			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	671.00	20			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	10,356.00	21			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,284.00	21			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	11,534.00	23			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	10,913.00	22			0				0	0	0.000	
St. Pete Pier													
TOTAL Solar	587	85,689.61				0				0	0	0.000	
Steam													
Anclote													
		63,019.00					Gas	720,472	1.022	736,323	6,049,591	9.600	8.397
TOTAL UNIT 1	521	63,019.00	18			11,684				736,323	6,049,591	9.600	
		9,950.00					Gas	135,741	1.022	138,727	1,139,777	11.455	8.397
TOTAL UNIT 2	514	9,950.00	3			13,942				138,727	1,139,777	11.455	
Crystal River 4 & 5													
		158,983.00					Coal	71,990	22.550	1,623,375	6,086,238	3.828	84.543
		0.00					No 2	416	5.779	2,404	52,372	0.000	125.893
TOTAL UNIT 4	721	158,983.00	33			10,226				1,625,778	6,138,610	3.861	
		282,839.00					Coal	129,950	22.550	2,930,373	10,986,341	3.884	84.543
		0.00					No 2	1,051	5.775	6,069	132,314	0.000	125.893
TOTAL UNIT 5	721	282,839.00	58			10,382				2,936,442	11,118,655	3.931	
TOTAL Steam	2,477	514,791.00				10,562				5,437,270	24,446,632	4.749	
Gas Turbine													
Bartow Combined Cycle													
		5,894.85					No 2	7,815	5.712	44,641	965,085	16.372	123.491
		327,673.15					Gas	2,439,963	1.017	2,481,442	19,232,270	5.869	7.882
TOTAL BCC	1,259	333,568.00	39			7,573				2,526,083	20,197,354	6.055	
Bartow Peaker													
		146.00					Gas	2,481	1.022	2,536	21,503	14.728	8.667
TOTAL BAP	118	146.00	0			17,371				2,536	21,503	14.728	
Bayboro Peaker													

A-4 System Net Generation and Fuel Cost Report

Report Period : 2/1/2022 to 2/1/2022

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 BYP	114	13.60 14.00	0			35,200	No 2	83	5,768	479	9,860	72.502	118.799
Citrus County										479	9,860	72.502	
TOTAL CCCC	1,854	871,556.00 871,556.00	70			6,837	Gas	5,802,392	1,027	5,959,056	48,752,134	5.594	8.402
Debary Peaker										5,959,056	48,752,134	5.594	
TOTAL DEP	448	466.95 1,917.05 2,384.00	1			9,227	No 2 Gas	747 17,274	5,768 1,024	4,309 17,689	85,988 144,103	18.415 7.517	115.111 8.342
Hines Energy										21,998	230,090	9.651	
TOTAL HEP	2,169	901,143.00 901,143.00	62			7,324	Gas	6,470,541	1,020	6,599,951	51,087,633	5.669	7.895
Intercession City Peaker										6,599,951	51,087,633	5.669	
TOTAL ICP	656	283.58 8,979.32 9,263.00	2			12,084	No 2 Gas	589 105,655	5,818 1,027	3,427 108,507	57,898 842,025	20.417 9.377	98.300 7.970
Osprey										111,934	899,924	9.715	
TOTAL OSP	611	49,240.00 49,240.00	12			7,210	Gas	346,022	1,026	355,019	2,753,337	5.592	7.957
Suwannee Peaker										355,019	2,753,337	5.592	
TOTAL SRP	204	2,461.20 2,461.00	2			13,571	Gas	32,683	1,022	33,402	219,546	8.920	6.717
Tiger Bay Cogen										33,402	219,546	8.920	
TOTAL TBP	0	0.00 0.00	0			0	Gas	0	0.000	0	30,289	0.000	0.000
Univ of Florida Cogen										0	30,289	0.000	
TOTAL UFP	50	0.00 33,099.40 33,099.00	99			9,728	No 2 Gas	0 314,763	0.000 1,023	0 322,003	0 2,467,339	0.000 7.454	0.000 7.839
TOTAL Gas Turbine	7,483	2,202,874.00				7,233				15,932,460	126,669,010	5.750	
SYSTEM TOTAL	10,547	2,803,354.61				7,623				21,369,730	151,115,642	5.391	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 2/1/2022

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													
Columbia Solar 1													
TOTAL CSF 1	75	22,801.00	21			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	19,962.00	19			0				0	0	0.000	
Duette Solar													
TOTAL UNIT 1	74	24,603.00	23			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	19,336.00	18			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	12,249.00	19			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	945.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	1,370.00	19			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	20,254.00	19			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	2,694.00	21			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	23,388.00	22			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	21,828.00	21			0				0	0	0.000	
St. Pete Pier													
	0.35	106.73	22							0	0	0.000	
TOTAL Solar	587	169,536.73				0				0	0	0.000	
Steam													
Anclote													
		117,964.00					Gas	1,337,232	1.023	1,367,885	9,616,530	8.152	7.191
TOTAL UNIT 1	521	117,964.00	16			11,596				1,367,885	9,616,530	8.152	
		86,204.00					Gas	1,047,462	1.024	1,072,329	6,412,580	7.439	6.122
TOTAL UNIT 2	514	86,204.00	12			12,439				1,072,329	6,412,580	7.439	
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	21			10,687				2,285,737	8,719,108	4.077	
		431,099.00					Coal	197,650	22.601	4,467,163	16,558,810	3.841	83.778
		0.00					No 2	3,506	5.745	20,140	429,060	0.000	122.379
TOTAL UNIT 5	721	431,099.00	42			10,409				4,487,303	16,987,870	3.941	
TOTAL Steam	2,477	849,153.00				10,850				9,213,254	41,736,087	4.915	
Gas Turbine													
Bartow Combined Cycle													
		7,518.39					No 2	9,997	5.712	57,103	1,228,398	16.339	122.877
		775,250.61					Gas	5,789,722	1.017	5,888,148	37,042,208	4.778	6.398
TOTAL BCC	1,259	782,769.00	44			7,595				5,945,251	38,270,606	4.889	
Bartow Peaker													
		78.31					No 2	219	5.705	1,249	26,170	33.417	119.498
		973.69					Gas	15,162	1.025	15,534	94,850	9.741	6.256
TOTAL BAP	171	1,052.00	0			15,954				16,784	121,020	11.504	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2022 to 2/1/2022

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	142.80 143.00	0			20,111	No 2	503	5.710	2,872	59,153 59,153	41.424 41.424	117.601
Citrus County													
TOTAL CCCC	1,854	2,013,892.00 2,013,892.00	77			6,816	Gas	13,358,927	1.028	13,727,173 13,727,173	94,751,893 94,751,893	4.705 4.705	7.093
Debary Peaker													
TOTAL DEP	611	3,221.55 3,491.45 6,713.00	1			9,807	No 2 Gas	5,478 33,405	5.767 1.025	31,593 34,240 65,833	627,970 237,322 865,292	19.493 6.797 12.890	114.635 7.104
Hines Energy													
TOTAL HEP	2,169	1,909,477.00 1,909,477.00	62			7,339	Gas	13,738,621	1.020	14,013,392 14,013,392	90,794,116 90,794,116	4.755 4.755	6.609
Intercession City Peaker													
TOTAL ICP	1,135	5,944.42 16,349.37 22,294.00	1			14,360	No 2 Gas	15,703 228,611	5.436 1.027	85,364 234,782 320,146	1,541,647 1,503,001 3,044,649	25.934 9.193 13.657	98.175 6.574
Osprey													
TOTAL OSP	611	157,149.00 157,149.00	18			7,392	Gas	1,132,249	1.026	1,161,688 1,161,688	6,969,985 6,969,985	4.435 4.435	6.156
Suwannee Peaker													
TOTAL SRP	204	708.11 5,753.59 6,462.00	2			8,301	No 2 Gas	1,010 46,689	5.820 1.023	5,878 47,758 53,636	92,887 300,299 393,186	13.118 5.219 6.085	91.968 6.432
Tiger Bay Cogen													
TOTAL TBP	230	127,609.00 127,609.00	39			7,569	Gas	949,730	1.017	965,875 965,875	5,080,980 5,080,980	3.982 3.982	5.350
Univ of Florida Cogen													
TOTAL UFP	50	0.00 70,238.40 70,238.00	99			9,856	No 2 Gas	0 676,001	0.000 1.024	0 692,271 692,271	0 4,337,822 4,337,822	0.000 6.176 6.176	0.000 6.417
TOTAL Gas Turbine	8,523	5,097,798.00				7,251				36,964,922	244,688,702	4.800	
SYSTEM TOTAL	11,587	6,116,487.73				7,550				46,178,176	286,424,790	4.683	

A-5 System Generation Fuel Cost Report

Report Period : 2/1/2022 to 2/1/2022

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)	54,369	7,278	47,091	647.0%
20 - UNIT COST (\$/BBL)	129.72	111.80	17.91	16.0%
21 - AMOUNT (\$)	7,052,713	813,713	6,239,000	766.7%
22 - BURNED				
23 - UNITS (BBL)	10,704	7,278	3,426	47.1%
24 - UNIT COST (\$/BBL)	121.78	111.80	9.97	8.9%
25 - AMOUNT (\$)	1,303,516	813,713	489,803	60.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	515,288	440,951	74,337	16.9%
31 - UNIT COST (\$/BBL)	111.01	106.09	4.92	4.6%
32 - AMOUNT (\$)	57,201,579	46,781,343	10,420,236	22.3%
33 -				
34 - DAYS SUPPLY	1,348	1,818	(470)	(25.8%)

A-5 System Generation Fuel Cost Report

Report Period : 2/1/2022 to 2/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	115,801	6,495	109,306	1682.9%
37 - UNIT COST (\$/TON)	95 38	266 08	(170.71)	(64 2%)
38 - AMOUNT (\$)	11,044,813	1,728,214	9,316,599	539.1%
39 - BURNED				
40 - UNITS (TON)	201,940	6,495	195,445	3009.2%
41 - UNIT COST (\$/TON)	84 54	266 08	(181.54)	(68 2%)
42 - AMOUNT (\$)	17,072,579	1,728,214	15,344,365	887.9%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	476,717	536,876	(60,159)	(11 2%)
48 - UNIT COST (\$/TON)	84 54	75 50	9.05	12.0%
49 - AMOUNT (\$)	40,303,030	40,532,872	(229,842)	(0 6%)
50 -				
51 - DAYS SUPPLY	66	2,480	(2,414)	(97 3%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	16,387,987	18,066,427	(1,678,440)	(9 3%)
54 - UNIT COST (\$/MCF)	8.10	5 37	2.73	50.8%
55 - AMOUNT (\$)	132,739,546	97,030,319	35,709,227	36.8%
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 2/1/2022

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)	95,157	15,814	79,343	501.7%
20 - UNIT COST (\$/BBL)	126.02	111.29	14.74	13.2%
21 - AMOUNT (\$)	11,991,874	1,759,883	10,231,991	581.4%
22 - BURNED				
23 - UNITS (BBL)	38,707	15,814	22,893	144.8%
24 - UNIT COST (\$/BBL)	110.68	111.29	(0.61)	(0.5%)
25 - AMOUNT (\$)	4,284,055	1,759,883	2,524,172	143.4%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	515,288	440,951	74,337	16.9%
31 - UNIT COST (\$/BBL)	111.01	106.09	4.92	4.6%
32 - AMOUNT (\$)	57,201,579	46,781,343	10,420,236	22.3%
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2022 to 2/1/2022

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	192,744	25,143	167,601	666.6%
37 - UNIT COST (\$/TON)	104.44	174.76	(70.32)	(40.2%)
38 - AMOUNT (\$)	20,129,841	4,393,922	15,735,919	358.1%
39 - BURNED				
40 - UNITS (TON)	298,237	25,143	273,094	1086.2%
41 - UNIT COST (\$/TON)	83.82	174.76	(90.93)	(52.0%)
42 - AMOUNT (\$)	24,999,149	4,393,922	20,605,227	468.9%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	476,717	536,876	(60,159)	(11.2%)
48 - UNIT COST (\$/TON)	84.54	75.50	9.05	12.0%
49 - AMOUNT (\$)	40,303,030	40,532,872	(229,842)	(0.6%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	38,353,811	38,803,000	(449,189)	(1.2%)
54 - UNIT COST (\$/MCF)	6.70	5.36	1.35	25.2%
55 - AMOUNT (\$)	257,141,586	207,827,290	49,314,296	23.7%
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
February 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		51,726		51,726	4	5.59	2,290,658	2,892,566	601,908
ACTUAL									
Constellation Energy Generation, LLC	InternationalSwapsDe	16,894		16,894	3.335	4.009	563,428.97	677,243.83	113,814.86
Florida Municipal Power Agency	CR-1	625		625	3.238	3.783	20,237.75	23,643.25	3,405.50
Macquarie Energy LLC	CR-1	7,920		7,920	3.696	4.889	292,739.04	387,192.96	94,453.92
Macquarie Energy LLC		6,746		6,746	3.619	4.196	244,164.10	283,076.20	38,912.10
Morgan Stanley Capital Group Inc.	EEI	9,000		9,000	3.347	4.792	301,262.41	431,252.80	129,990.39
PJM Settlements, Inc	MR1	16,768		16,768	3.350	3.386	561,778.46	567,689.88	5,911.42
Reedy Creek Improvement District	CR-1	4,855		4,855	3.056	3.385	148,392.45	164,334.15	15,941.70
Southern Company Services, Inc.	EEI	360		360	2.408	2.266	8,670.48	8,156.36	(514.12)
The Energy Authority	EEI	134		134	3.141	4.805	4,209.60	6,438.70	2,229.10
The Energy Authority	Schedule OS	10,880		10,880	2.853	3.194	310,445.20	347,475.20	37,030.00
Adjustments									
PJM Settlements								(2,877.61)	(2,877.61)
Tallahassee, City of								(21,852.45)	(21,852.45)
Constellation Energy Generations		185						10,175.00	10,175.00
Tallahassee, City of								12,487.10	12,487.10
Subtotal - Gain on Other Power Sales		74,367	-	74,182	3.302	3.892	2,455,328.46	2,894,435.37	439,106.91
CURRENT MONTH TOTAL		74,367		74,182	3.302	3.892	2,455,328.46	2,894,435.37	439,106.91
DIFFERENCE		22,641		22,456	(1.127)	(1.700)	164,670.46	1,869.37	(162,801.09)
DIFFERENCE %		44		43	(25.445)	(30.400)	7.19	0.06	(27.05)
CUMULATIVE ACTUAL		203,213		203,028	3.720	4.780	7,559,370.42	9,713,977.76	2,154,607.34
CUMULATIVE EST MATED		120,723		120,723	4.548	5.743	5,490,353.00	6,933,033.00	1,442,680.00
DIFFERENCE		82,490		82,305	(0.828)	(0.963)	2,069,017.42	2,780,944.76	711,927.34
DIFFERENCE %		68		68	(18.205)	(16.764)	37.68	40.11	49.35

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
FEBRUARY, 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		10,889	-	-	10,889	6.946	6.946	756,349.00	756,349.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	832			832	23.770	23.770	197,767.09	197,767.09
Southern Power Company	Franklin	-			-	-	-	-	-
Vandolah Power Co. LLC (Northern Star)	TOLL	26,899			26,899	10.135	10.135	2,726,294.29	2,726,294.29
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	392			392	(6.686)	(6.686)	(26,210.67)	(26,210.67)
Southern Power Company	Franklin	-			-	-	-	-	-
Vandolah Power Co. LLC (Northern Star)	TOLL	(70)			(70)	(5.009)	(5.009)	3,505.97	3,505.97
CURRENT MONTH TOTAL		28,053			28,053	10.342	10.342	2,901,356.68	2,901,356.68
DIFFERENCE		17,164			17,164	12.497	12.497	2,145,007.68	2,145,007.68
DIFFERENCE %		158			158	179.919	179.919	283.60	283.60
CUMULATIVE ACTUAL		51,133			51,133	11.583	11.583	5,922,621.67	5,922,621.67
CUMULATIVE ESTIMATED		17,488			17,488	7.229	7.229	1,264,243.00	1,264,243.00
DIFFERENCE		33,645			33,645	4.354	4.354	4,658,378.67	4,658,378.67
DIFFERENCE %		192			192	60.222	60.222	368.47	368.47

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
FEBRUARY, 2022

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPTIBLE (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		201,534	-	-	201,534	5.297	20.278	10,675,672.34
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	-			-	0.000	0.000	-
Lake County (LAKCOUNT) ADJ	CO-GEN	(0) 724			(0) 724	3.596	3.596	(3.71) 26,037.21
Lee County (LEECOGAS) ADJ	CO-GEN	-			-	0.000	0.000	2,953.54
Metro-Dade County (METRDDAS) ADJ	CO-GEN	-			-	0.000	0.000	-
Orange Cogen (ORANGEAS) ADJ	CO-GEN	-			-			(10,857.51)
Orange Cogen (ORANGECO) ADJ	CO-GEN	1,559			1,559	4.659	4.659	1,506.83
Orange Cogen (ORANGECO) ADJ	CO-GEN	26,949			26,949	4.969	29.406	72,630.97
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	80,787			80,787	6.133	14.588	42,465.85
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	15,004			15,004	3.405	20.134	1,339,129.76
PCS Phosphate (OCSWFGRK) ADJ	CO-GEN	-			-			82,640.81
PCS Phosphate (OCSWFGRK) ADJ	CO-GEN	66			66	3.109	3.109	4,954,778.95
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	(56) 37,062			(56) 37,062	3.422	19.613	287,553.33
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	31,960			31,960	3.612	31.971	510,863.80
		-			-			80,071.36
CURRENT MONTH TOTAL		194,055			194,055	5.24	20.79	2,060.46
DIFFERENCE		(7,479)			(7,479)	(0.06)	0.516	(1,256.96)
DIFFERENCE %		(3.71)			(3.71)	(1.15)	2.55	(514,881.59)
CUMULATIVE ACTUAL		416,383			416,383	4.779	19.300	19,898,853.88
CUMULATIVE ESTIMATED		442,571			442,571	5.338	18.981	23,622,323.78
CUMULATIVE DIFFERENCE		(26,188)			(26,188)	(0.559)	0.319	(3,723,469.90)
CUMULATIVE DIFFERENCE %		(5.92)			(5.92)	(10.46)	1.68	(15.76)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
ESTIMATED		5,605.30	5.681	318,448.00	6.523	365,639.00	47,191.00
ACTUAL							
SubTotal - Energy Purchases (Broker)							
SEPA	Hydro	5,513	5.716	\$315,138.29	5.716	\$315,138.29	\$0.00
Constellation Energy Generation, LLC	InternationalSwapsDe	600	5.067	\$30,400.00	6.818	40,908.00	\$10,508.00
Duke Electric Transmission	Transmission Purchase	-	0.000	\$58,856.23	0.000	\$0.00	(\$58,877.52)
Florida Power & Light Company	Transmission Purchase	-	0.000	\$4,302.60	0.000	\$0.00	(\$4,302.60)
Florida Power & Light Company		3,945	5.431	\$214,255.00	6.156	\$242,872.60	\$28,617.60
Southern Company Services, Inc.	EEL	1,460	4.929	\$71,960.00	7.086	\$103,461.80	\$31,501.80
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0.000	\$110,450.94	0.000	-	(\$110,450.94)
ADJUSTMENTS							
PJM Settlements				(\$57.20)			\$57.20
Florida Power & Light				\$3,429.14			(\$3,429.14)
Tampa Electric				\$32,010.60			(\$32,010.60)
Southern Company Services Transmission	Transmission			\$1,957.99			(\$1,957.99)
Duke Electric Transmission				(\$33,768.92)			\$33,768.92
SubTotal - Energy Purchases (Non-Broker)							
		11,518	7.023	808,934.67	6.098	702,380.69	(106,575.27)
CURRENT MONTH TOTAL		11,518	7.023	808,934.67	6.098	702,380.69	(106,575.27)
DIFFERENCE		5,913	1.342	490,486.67	(0.425)	336,741.69	(153,766.27)
DIFFERENCE %		105	23.621	154.02	(6.516)	92.10	(325.84)
CUMULATIVE ACTUAL		19,750	7.421	1,465,599.91	6.429	1,269,785.56	(34,441.49)
CUMULATIVE ESTIMATED		11,351	5.653	641,645.00	6.490	736,725.00	95,080.00
DIFFERENCE		8,398	1.768	823,954.91	(0.061)	533,060.56	(129,521.49)
DIFFERENCE %		74	31.283	128.41	(0.936)	72.36	(136.22)

