



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

February 16, 2021

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket No. 20210001-EI

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket on behalf of Duke Energy Florida, LLC (DEF), are Schedules A1 through A9 and A12 for the reporting month of January 2021.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Sincerely,

/s/ Matthew R. Bernier

Matthew R. Bernier

MRB/cmkn
Attachments

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the above-mentioned document has been furnished to the following individuals via e-mail on this 16th day of February, 2021.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JANUARY 2021

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	91,130,395	96,872,402	(5,742,007)	(5.9)	3,033,030	2,967,805	65,225	2.2	3.0046	3.2641	(0.2595)	(8.0)
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	1,287,414	1,124,711	162,703	14.5	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	92,417,810	97,997,113	(5,579,303)	(5.7)	3,033,030	2,967,805	65,225	2.2	3.0470	3.3020	(0.2550)	(7.7)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	1,098,076	509,812	588,264	115.4	14,372	11,812	2,560	21.7	7.6404	4.3161	3.3243	77.0
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	541,456	79,297	462,159	582.8	16,173	1,968	14,204	721.6	3.3480	4.0285	(0.6805)	(16.9)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	7,548,154	9,212,857	(1,664,703)	(18.1)	207,778	252,015	(44,237)	(17.6)	3.6328	3.6557	(0.0229)	(0.6)
9 TOTAL COST OF PURCHASED POWER	9,187,686	9,801,966	(614,280)	(6.3)	238,323	265,796	(27,473)	(10.3)	3.8551	3.6878	0.1673	4.5
10 TOTAL AVAILABLE MWH					3,271,353	3,233,600	37,752	1				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(386,674)	(1,417,816)	1,031,142	(72.7)	(20,955)	(40,054)	19,099	(47.7)	1.8453	3.5397	(1.6944)	(47.9)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(147,927)	(359,516)	211,590	(58.9)	(20,955)	(40,054)	19,099	(47.7)	0.7059	0.8976	(0.1917)	(21.4)
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	(6,445,748)	(1,776,625)	(4,669,124)	262.8	(208,965)	(76,602)	(132,363)	172.8	3.0846	2.3193	0.7653	33.0
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(6,980,349)	(3,553,957)	(3,426,392)	96.4	(229,920)	(116,656)	(113,264)	97.1	3.0360	3.0465	(0.0105)	(0.3)
14 NET INADVERTENT AND WHEELED INTERCHANGE					17,934	0	17,934					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	94,625,147	104,245,122	(9,619,976)	(9.2)	3,059,367	3,116,944	(57,577)	(1.9)	3.0930	3.3445	(0.2515)	(7.5)
16 NET UNBILLED	(5,789,165)	(3,607,969)	(2,181,196)	60.5	187,172	107,879	79,293	73.5	(0.2008)	(0.1195)	(0.0813)	68.0
17 COMPANY USE	186,358	601,850	(415,492)	(69.0)	(6,025)	(17,995)	11,970	(66.5)	0.0065	0.0199	(0.0134)	(67.3)
18 T & D LOSSES	11,054,505	6,255,356	4,799,149	76.7	(357,408)	(187,036)	(170,372)	91.1	0.3834	0.2071	0.1763	85.1
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	94,625,147	104,245,122	(9,619,976)	(9.2)	2,883,105	3,019,791	(136,686)	(4.5)	3.2821	3.4521	(0.1700)	(4.9)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	0	(20,849)	20,849	(100.0)	(17)	(728)	711	(97.7)	0.0000	2.8655	(2.8655)	(100.0)
21 JURISDICTIONAL KWH SALES	94,625,147	104,224,273	(9,599,127)	(9.2)	2,883,089	3,019,064	(135,975)	(4.5)	3.2821	3.4522	(0.1701)	(4.9)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	94,654,481	104,256,583	(9,602,102)	(9.2)	2,883,089	3,019,064	(135,975)	(4.5)	3.2831	3.4533	(0.1702)	(4.9)
23 PRIOR PERIOD TRUE-UP	(5,090,285)	(5,090,285)	(0)	0.0	2,883,089	3,019,064	(135,975)	(4.5)	(0.1766)	(0.1686)	(0.0080)	4.7
24 TOTAL JURISDICTIONAL FUEL COST	89,564,195	99,166,298	(9,602,103)	(9.7)	2,883,089	3,019,064	(135,975)	(4.5)	3.1065	3.2847	(0.1782)	(5.4)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.1087	3.2871	(0.1784)	(5.4)
27 GPIF	367,309	367,309			2,883,089	3,019,064			0.0127	0.0122	0.0005	4.1
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.121	3.299	(0.178)	(5.4)

*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 2021

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	91,130,395	96,872,402	(5,742,007)	(5.9)	3,033,030	2,967,805	65,225	2.2	3.0046	3.2641	(0.2595)	(8.0)
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	1,287,414	1,124,711	162,703	14.5	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	92,417,810	97,997,113	(5,579,303)	(5.7)	3,033,030	2,967,805	65,225	2.2	3.0470	3.3020	(0.2550)	(7.7)
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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)	541,456	79,297	462,159	582.8	16,173	1,968	14,204	721.6	3.3480	4.0285	(0.6805)	(16.9)
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10 TOTAL AVAILABLE MWH					3,271,353	3,233,600	37,752	1.2				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(386,674)	(1,417,816)	1,031,142	(72.7)	(20,955)	(40,054)	19,099	(47.7)	1.8453	3.5397	(1.6944)	(47.9)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(147,927)	(359,516)	211,590	(58.9)	(20,955)	(40,054)	19,099	(47.7)	0.7059	0.8976	(0.1917)	(21.4)
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	(6,445,748)	(1,776,625)	(4,669,124)	262.8	(208,965)	(76,602)	(132,363)	172.8	3.0846	2.3193	0.7653	33.0
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22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	94,654,481	104,256,583	(9,602,102)	(9.2)	2,883,089	3,019,064	(135,975)	(4.5)	3.2831	3.4533	(0.1702)	(4.9)
23 PRIOR PERIOD TRUE-UP	(5,090,285)	(5,090,285)	(0)	0.0	2,883,089	3,019,064	(135,975)	(4.5)	(0.1766)	(0.1686)	(0.0080)	4.7
24 TOTAL JURISDICTIONAL FUEL COST	89,564,195	99,166,298	(9,602,103)	(9.7)	2,883,089	3,019,064	(135,975)	(4.5)	3.1065	3.2847	(0.1782)	(5.4)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.1087	3.2871	(0.1783)	(5.4)
27 GPIF	367,309	367,309			2,883,089	3,019,064			0.0127	0.0122	0.0005	96.1
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.121	3.299	(0.178)	(5.4)

*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 2021

	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	\$91,130,395	96,872,402	(\$5,742,007)	(5.9)	\$91,130,395	\$96,872,402	(\$5,742,007)	(5.9)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(386,674)	(1,417,816)	1,031,142	(72.7)	(386,674)	(1,417,816)	1,031,142	(72.7)
2a. GAIN ON POWER SALES	(147,927)	(359,516)	211,590	(58.9)	(147,927)	(359,516)	211,590	(58.9)
3 . FUEL COST OF PURCHASED POWER	1,098,076	509,812	588,264	115.4	1,098,076	509,812	588,264	115.4
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,548,154	9,212,857	(1,664,703)	(18.1)	7,548,154	9,212,857	(1,664,703)	(18.1)
4 . ENERGY COST OF ECONOMY PURCHASES	541,456	79,297	462,159	582.8	541,456	79,297	462,159	582.8
5 . TOTAL FUEL & NET POWER TRANSACTIONS	99,783,481	104,897,036	(5,113,555)	(4.9)	99,783,481	104,897,036	(5,113,555)	(4.9)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(6,445,748)	(1,776,625)	(4,669,124)	262.8	(6,445,748)	(1,776,625)	(4,669,124)	262.8
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,287,414	1,124,711	162,703	14.5	1,287,414	1,124,711	162,703	14.5
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$94,625,147	\$104,245,122	(\$9,619,976)	(9.2)	\$94,625,147	\$104,245,122	(\$9,619,976)	(9.2)

FOOTNOTE: DETAIL OF LINE 6b ABOVE

N/A - Not used	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	0	0	0	0	0	0	0
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0	0	0	0	0
TANK BOTTOM ADJUSTMENT	0	0	0	0	0	0	0
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	0
FPD AGREEMENT TERMINATION	1,126,017	0	1,126,017	1,126,017	1,126,017	0	1,126,017
RAIL CAR SALE PROCEEDS	0	0	0	0	0	0	0
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0	0	0	0	0
NET METER SETTLEMENT	161,397	0	161,397	161,397	161,397	0	161,397
2019 ADJUSTMENT: GAIN ON TOTAL POWER SALES - 20% (SCH A6) **	0	0	0	0	0	0	0
Derivative Collateral Interest	0	0	0	0	0	0	0
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,287,414	\$0	\$1,287,414	\$1,287,414	\$0	\$1,287,414	\$1,287,414

** Adjustment to correct 2019 customer gain on non-separate wholesale sales.

B. KWH SALES

1 . JURISDICTIONAL SALES	2,883,088,586	3,019,063,775	(135,975,189)	(4.5)	2,883,088,586	3,019,063,775	(135,975,189)	(4.5)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	16,637	727,600	(710,963)	(97.7)	16,637	727,600	(710,963)	(97.7)
3 . TOTAL SALES	2,883,105,223	3,019,791,375	(136,686,152)	(4.5)	2,883,105,223	3,019,791,375	(136,686,152)	(4.5)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	100.00	99.98	0.02	0.0	100.00	99.98	0.02	0.0

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JANUARY 2021

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$87,983,471	\$93,221,951	(\$5,238,480)	(5.6)	\$87,983,471	\$93,221,951	(\$5,238,480)	(5.6)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	5,090,285	5,090,285	0	0.0	5,090,285	5,090,285	0	0.0
2b. INCENTIVE PROVISION	(367,309)	(367,309)	(0)	0.0	(367,309)	(367,309)	(0)	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	92,706,447	97,944,927	(5,238,480)	(5.4)	92,706,447	97,944,927	(5,238,480)	(5.4)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	94,625,147	104,245,122	(9,619,976)	(9.2)	94,625,147	104,245,122	(9,619,976)	(9.2)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	100.00	99.98	0.02	0.0	100.00	99.98	0.02	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	94,654,481	104,256,583	(9,602,102)	(9.2)	94,654,481	104,256,583	(9,602,102)	(9.2)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(1,948,034)	(6,311,656)	4,363,622	(69.1)	(1,948,034)	(6,311,656)	4,363,622	(69.1)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	1,625	4,433	(2,808)	(63.3)	1,625	4,433	(2,808)	(63.3)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	21,579,587	61,083,424	(39,503,837)	(64.7)	21,579,587	61,083,424	(39,503,837)	(64.7)
10. TRUE UP COLLECTED (REFUNDED)	(5,090,285)	(5,090,285)	(0)	0.0	(5,090,285)	(5,090,285)	(0)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	14,542,894	49,685,916	(35,143,022)	(70.7)	14,542,894	49,685,916	(35,143,022)	(70.7)
12. OTHER:	0				0			
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$14,542,894	49,685,916	(35,143,022)	(70.7)	\$14,542,894	49,685,916	(35,143,022)	(70.7)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	\$21,579,587	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	14,541,268	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	36,120,855	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	18,060,428	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.100	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.120	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)	\$1,625	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 1/1/2021

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	1,263,812	1,014,622	249,190	24.6 %
3 - COAL	8,532,371	19,463,507	(10,931,136)	(56.2 %)
4 - GAS	81,334,212	76,394,273	4,939,939	6.5 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	91,130,395	96,872,402	(5,742,007)	(5.9 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	2,122	4,560	(2,438)	(53.5 %)
11 - COAL	243,140	642,989	(399,849)	(62.2 %)
12 - GAS	2,738,971	2,239,197	499,774	22.3 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	48,798	81,059	(32,261)	(39.8 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,033,030	2,967,805	65,225	2.2 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	9,404	9,131	273	3.0 %
19 - COAL (TON)	113,514	277,702	(164,188)	(59.1 %)
20 - GAS (MCF)	19,752,154	15,295,843	4,456,311	29.1 %
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	53,874	53,205	669	1.3 %
26 - COAL	2,537,265	6,555,728	(4,018,463)	(61.3 %)
27 - GAS	20,262,820	15,295,843	4,966,977	32.5 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	22,853,960	21,904,776	949,184	4.3 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.15	(0.1)	(54.5 %)
34 - COAL	8.0	21.67	(13.6)	(63.0 %)
35 - GAS	90.3	75.45	14.9	19.7 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.6	2.73	(1.1)	(41.1 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 1/1/2021

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	134.39	111.12	23.27	20.9 %
42 - COAL (\$/TON)	75.17	70.09	5.08	7.2 %
43 - GAS (\$/MCF)	4.12	4.99	(0.88)	(17.6 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	23.46	19.07	4.39	23.0 %
49 - COAL	3.36	2.97	0.39	13.3 %
50 - GAS	4.01	4.99	(0.98)	(19.6 %)
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)	3.99	4.42	(0.43)	(9.8 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	25,393	11,668	13,725	117.6 %
57 - COAL	10,435	10,196	240	2.4 %
58 - GAS	7,398	6,831	567	8.3 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,535	7,381	154	2.1 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	59.57	22.25	37.32	167.7 %
65 - COAL	3.51	3.03	0.48	15.9 %
66 - GAS	2.97	3.41	(0.44)	(13.0 %)
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)	3.00	3.26	(0.26)	(8.0 %)

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 1/1/2021

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	1,263,812	1,014,622	249,190	24.6 %
3 - COAL	8,532,371	19,463,507	(10,931,136)	(56.2 %)
4 - GAS	81,334,212	76,394,273	4,939,939	6.5 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	91,130,395	96,872,402	(5,742,007)	(5.9 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	2,122	4,560	(2,438)	(53.5 %)
11 - COAL	243,140	642,989	(399,849)	(62.2 %)
12 - GAS	2,738,971	2,239,197	499,774	22.3 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	48,798	81,059	(32,261)	(39.8 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,033,030	2,967,805	65,225	2.2 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	9,404	9,131	273	3.0 %
19 - COAL (TON)	113,514	277,702	(164,188)	(59.1 %)
20 - GAS (MCF)	19,752,154	15,295,843	4,456,311	29.1 %
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	53,874	53,205	669	1.3 %
26 - COAL	2,537,265	6,555,728	(4,018,463)	(61.3 %)
27 - GAS	20,262,820	15,295,843	4,966,977	32.5 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	22,853,960	21,904,776	949,184	4.3 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.15	(0.1)	(54.5 %)
34 - COAL	8.0	21.67	(13.6)	(63.0 %)
35 - GAS	90.3	75.45	14.9	19.7 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.6	2.73	(1.1)	(41.1 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 1/1/2021

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	134.39	111.12	23.27	20.9 %
42 - COAL (\$/TON)	75.17	70.09	5.08	7.2 %
43 - GAS (\$/MCF)	4.12	4.99	(0.88)	(17.6 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	23.46	19.07	4.39	23.0 %
49 - COAL	3.36	2.97	0.39	13.3 %
50 - GAS	4.01	4.99	(0.98)	(19.6 %)
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)	3.99	4.42	(0.43)	(9.8 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	25,393	11,668	13,725	117.6 %
57 - COAL	10,435	10,196	240	2.4 %
58 - GAS	7,398	6,831	567	8.3 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,535	7,381	154	2.1 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	59.57	22.25	37.32	167.7 %
65 - COAL	3.51	3.03	0.48	15.9 %
66 - GAS	2.97	3.41	(0.44)	(13.0 %)
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)	3.00	3.26	(0.26)	(8.0 %)

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 1/1/2021

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	9,980.00	18			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	10,577.00	19			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	9,727.00	17			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	6,620.00	20			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	510.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	427.00	11			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,010.00	15			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	9,906.00	18			0				0	0	0.000	
St. Pete Pier	0.35	40.56	16			0				0	0	0.000	
TOTAL Solar	362	48,797.56				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		0.00				0				0	0	0.000	
		88,030.00					Gas	1,034,582	1.028	1,063,550	5,244,780	5.958	5.069
TOTAL UNIT 2	514	88,030.00	23			12,082				1,063,550	5,244,780	5.958	
Crystal River 4 & 5													
		0.00					No 2	1,417	5.735	8,127	243,679	0.000	171.969
TOTAL UNIT 4		0.00				0				8,127	243,679	0.000	
		243,139.00					Coal	113,514	22.352	2,537,265	8,532,371	3.509	75.166
		0.00					No 2	2,950	5.735	16,919	507,307	0.000	171.969
TOTAL UNIT 5	721	243,139.00	45			10,505				2,554,184	9,039,679	3.718	
TOTAL Steam	1,235	331,169.00				10,949				3,625,861	14,528,138	4.000	
Gas Turbine													
Bartow Combined Cycle													
		371,666.00					Gas	2,944,796	1.022	3,009,582	10,841,462	2.917	3.682
TOTAL BCC	1,259	371,666.00	40			8,098				3,009,582	10,841,462	2.917	
Bartow Peaker													
		265.00					Gas	4,309	1.027	4,425	21,589	8.147	5.010
TOTAL BAP	118	265.00	0			16,699				4,425	21,589	8.147	
Bayboro Peaker													
		49.00					No 2	222	5.712	1,268	31,128	63.526	140.215
TOTAL BYP	238	49.00	0			25,879				1,268	31,128	63.526	
Citrus County													
		1,137,006.00					Gas	7,493,634	1.030	7,718,443	32,356,359	2.846	4.318
TOTAL CCCC	1,884	1,137,006.00	81			6,788				7,718,443	32,356,359	2.846	
Debary Peaker													
		211.93					No 2	521	5.768	3,005	59,487	28.069	114.178
		3,371.07					Gas	46,452	1.029	47,799	235,354	6.982	5.067
TOTAL DEP	288	3,583.00	2			14,179				50,804	294,840	8.229	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 1/1/2021

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 (\$)
Hines Energy													
TOTAL HEP	2,167	802,352.00	50			7,258	Gas	5,692,289	1.023	5,823,212	22,945,108	2.860	4.031
Intercession City Peaker													
TOTAL ICP	1,108	14,251.00	2			13,183	No 2 Gas	4,030 160,059	5.712 1.030	23,020 164,861	397,931 594,650	22.789 4.755	98.742 3.715
Osprey													
TOTAL OSP	569	290,357.00	69			7,125	Gas	2,024,367	1.022	2,068,903	7,452,813	2.567	3.682
Suwannee Peaker													
TOTAL SRP	203	3,568.00	2			13,371	No 2 Gas	264 44,402	5.817 1.040	1,536 46,178	24,279 238,395	21.140 6.903	91.968 5.369
Tiger Bay Cogen													
TOTAL TBP	0	0.00	0			0	Gas	0	0.000	0	359	0.000	0.000
Univ of Florida Cogen													
TOTAL UFP	50	29,965.00	81			10,541	No 2 Gas	0 307,264	0.000 1.028	0 315,867	0 1,403,343	0.000 4.683	0.000 4.567
TOTAL Gas Turbine	7,884	2,653,063.00				7,248				19,228,098	76,602,257	2.887	
SYSTEM TOTAL	9,481	3,033,029.75				7,535				22,853,960	91,130,395	3.005	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 1/1/2021

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	9,980.00	18			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	10,577.00	19			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	9,727.00	17			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	6,620.00	20			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	510.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	427.00	11			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,010.00	15			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	9,906.00	18			0				0	0	0.000	
St. Pete Pier	0.35	40.56	16			0				0	0	0.000	
TOTAL Solar	362	48,797.56				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		0.00				0				0	0	0.000	
		88,030.00					Gas	1,034,582	1.028	1,063,550	5,244,780	5.958	5.069
TOTAL UNIT 2	514	88,030.00	23			12,082				1,063,550	5,244,780	5.958	
Crystal River 4 & 5													
		0.00					No 2	1,417	5.735	8,127	243,679	0.000	171.969
TOTAL UNIT 4		0.00				0				8,127	243,679	0.000	
		243,139.00					Coal	113,514	22.352	2,537,265	8,532,371	3.509	75.166
		0.00					No 2	2,950	5.735	16,919	507,307	0.000	171.969
TOTAL UNIT 5	721	243,139.00	45			10,505				2,554,184	9,039,679	3.718	
TOTAL Steam	1,235	331,169.00				10,949				3,625,861	14,528,138	4.000	
Gas Turbine													
Bartow Combined Cycle													
		371,666.00					Gas	2,944,796	1.022	3,009,582	10,841,462	2.917	3.682
TOTAL BCC	1,259	371,666.00	40			8,098				3,009,582	10,841,462	2.917	
Bartow Peaker													
		265.00					Gas	4,309	1.027	4,425	21,589	8.147	5.010
TOTAL BAP	118	265.00	0			16,699				4,425	21,589	8.147	
Bayboro Peaker													
		49.00					No 2	222	5.712	1,268	31,128	63.526	140.215
TOTAL BYP	238	49.00	0			25,879				1,268	31,128	63.526	
Citrus County													
		1,137,006.00					Gas	7,493,634	1.030	7,718,443	32,356,359	2.846	4.318
TOTAL CCCC	1,884	1,137,006.00	81			6,788				7,718,443	32,356,359	2.846	
Debary Peaker													
		211.93					No 2	521	5.768	3,005	59,487	28.069	114.178
		3,371.07					Gas	46,452	1.029	47,799	235,354	6.982	5.067
TOTAL DEP	288	3,583.00	2			14,179				50,804	294,840	8.229	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 1/1/2021

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 (\$)
Hines Energy													
TOTAL HEP	2,167	802,352.00	50			7,258	Gas	5,692,289	1.023	5,823,212	22,945,108	2.860	4.031
Intercession City Peaker													
TOTAL ICP	1,108	14,251.00	2			13,183	No 2 Gas	4,030 160,059	5.712 1.030	23,020 164,861	397,931 594,650	22.789 4.755	98.742 3.715
Osprey													
TOTAL OSP	569	290,357.00	69			7,125	Gas	2,024,367	1.022	2,068,903	7,452,813	2.567	3.682
Suwannee Peaker													
TOTAL SRP	203	3,568.00	2			13,371	No 2 Gas	264 44,402	5.817 1.040	1,536 46,178	24,279 238,395	21.140 6.903	91.968 5.369
Tiger Bay Cogen													
TOTAL TBP	0	0.00	0			0	Gas	0	0.000	0	359	0.000	0.000
Univ of Florida Cogen													
TOTAL UFP	50	29,965.00	81			10,541	No 2 Gas	0 307,264	0.000 1.028	0 315,867	0 1,403,343	0.000 4.683	0.000 4.567
TOTAL Gas Turbine	7,884	2,653,063.00				7,248				19,228,098	76,602,257	2.887	
SYSTEM TOTAL	9,481	3,033,029.75				7,535				22,853,960	91,130,395	3.005	

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2021 to 1/1/2021

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)	2,860	9,131	(6,271)	(68.7%)
20 - UNIT COST (\$/BBL)	178.38	111.12	67.27	60.5%
21 - AMOUNT (\$)	510,177	1,014,622	(504,445)	(49.7%)
22 - BURNED				
23 - UNITS (BBL)	9,404	9,131	273	3.0%
24 - UNIT COST (\$/BBL)	134.39	111.12	23.27	20.9%
25 - AMOUNT (\$)	1,263,812	1,014,622	249,190	24.6%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	524,848	586,874	(62,026)	(10.6%)
31 - UNIT COST (\$/BBL)	108.85	108.36	0.49	0.5%
32 - AMOUNT (\$)	57,129,004	63,592,212	(6,463,208)	(10.2%)
33 -				
34 - DAYS SUPPLY	1,706	1,928	(222)	(11.5%)

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2021 to 1/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	169,077	277,702	(108,625)	(39.1%)
37 - UNIT COST (\$/TON)	84.59	70.09	14.50	20.7%
38 - AMOUNT (\$)	14,302,414	19,463,507	(5,161,093)	(26.5%)
39 - BURNED				
40 - UNITS (TON)	113,514	277,702	(164,188)	(59.1%)
41 - UNIT COST (\$/TON)	75.17	70.09	5.08	7.2%
42 - AMOUNT (\$)	8,532,371	19,463,507	(10,931,136)	(56.2%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	609,700	520,729	88,971	17.1%
48 - UNIT COST (\$/TON)	75.17	86.03	(10.87)	(12.6%)
49 - AMOUNT (\$)	45,828,567	44,798,943	1,029,624	2.3%
50 -				
51 - DAYS SUPPLY	167	56	110	196.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	19,752,154	15,295,843	4,456,311	29.1%
54 - UNIT COST (\$/MCF)	4.12	4.99	(0.88)	(17.6%)
55 - AMOUNT (\$)	81,334,212	76,394,273	4,939,939	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 : 1/1/2021 to 1/1/2021

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)	2,860	9,131	(6,271)	(68.7%)
20 - UNIT COST (\$/BBL)	178.38	111.12	67.27	60.5%
21 - AMOUNT (\$)	510,177	1,014,622	(504,445)	(49.7%)
22 - BURNED				
23 - UNITS (BBL)	9,404	9,131	273	3.0%
24 - UNIT COST (\$/BBL)	134.39	111.12	23.27	20.9%
25 - AMOUNT (\$)	1,263,812	1,014,622	249,190	24.6%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	524,848	586,874	(62,026)	(10.6%)
31 - UNIT COST (\$/BBL)	108.85	108.36	0.49	0.5%
32 - AMOUNT (\$)	57,129,004	63,592,212	(6,463,208)	(10.2%)
33 -				
34 - DAYS SUPPLY	1,706	1,928	(222)	(11.5%)

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2021 to 1/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	169,077	277,702	(108,625)	(39.1%)
37 - UNIT COST (\$/TON)	84.59	70.09	14.50	20.7%
38 - AMOUNT (\$)	14,302,414	19,463,507	(5,161,093)	(26.5%)
39 - BURNED				
40 - UNITS (TON)	113,514	277,702	(164,188)	(59.1%)
41 - UNIT COST (\$/TON)	75.17	70.09	5.08	7.2%
42 - AMOUNT (\$)	8,532,371	19,463,507	(10,931,136)	(56.2%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	609,700	520,729	88,971	17.1%
48 - UNIT COST (\$/TON)	75.17	86.03	(10.87)	(12.6%)
49 - AMOUNT (\$)	45,828,567	44,798,943	1,029,624	2.3%
50 -				
51 - DAYS SUPPLY	167	56	110	196.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	19,752,154	15,295,843	4,456,311	29.1%
54 - UNIT COST (\$/MCF)	4.12	4.99	(0.88)	(17.6%)
55 - AMOUNT (\$)	81,334,212	76,394,273	4,939,939	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%

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
January 2021

(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		40,054		40,054	3.540	4.437	1,417,816.00	1,777,332.00	359,516.00
ACTUAL									
Macquarie Energy LLC		4,800	0	4,800	2.188	3.283	105,004.00	157,572.00	52,568.00
Reedy Creek Improvement District	CR-1	6,750	0	6,750	1.682	2.066	113,517.80	139,471.00	25,953.20
Tallahassee (City of)	Schedule A	75	0	75	2.453	4.253	1,840.00	3,190.00	1,350.00
The Energy Authority	Schedule OS	9,330	0	9,330	1.783	2.373	166,312.30	221,390.00	55,077.70
Adjustments									
Tampa Electric								12,977.60	12,977.60
Subtotal - Gain on Other Power Sales		20,955	-	20,955	1.845	2.551	386,674.10	534,600.60	147,926.50
CURRENT MONTH TOTAL		20,955		20,955	1.845	2.551	386,674.10	534,600.60	147,926.50
DIFFERENCE		(19,099)		(19,099)	(1.694)	(1.886)	(1,031,141.90)	(1,242,731.40)	(211,589.50)
DIFFERENCE %		(48)		(48)	(47.870)	(42.506)	(72.73)	(69.92)	(58.85)
CUMULATIVE ACTUAL		20,955		20,955	1.845	2.551	386,674.10	534,600.60	147,926.50
CUMULATIVE ESTIMATED		40,054		40,054	3.540	4.437	1,417,816.00	1,777,332.00	359,516.00
DIFFERENCE		(19,099)		(19,099)	(1.694)	(1.886)	(1,031,141.90)	(1,242,731.40)	(211,589.50)
DIFFERENCE %		(48)		(48)	(47.870)	(42.506)	(72.73)	(69.92)	(58.85)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
January, 2021

(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		11,812			11,812	4.316	4.316	509,812.00	509,812.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	-			-	-	-	-	-
Southern Power Company	Franklin	4,800			4,800	11.405	11.405	547,418.42	547,418.42
Vandolah Power Co. LLC (Northern Star)	TOLL	9,299			9,299	5.669	5.669	527,184.10	527,184.10
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	(303)			(303)	(4.841)	(4.841)	14,666.96	14,666.96
Southern Power Company	Franklin	-			-	-	-	25,966.26	25,966.26
Vandolah Power Co. LLC (Northern Star)	TOLL	576			576	(2.979)	(2.979)	(17,160.10)	(17,160.10)
CURRENT MONTH TOTAL		14,372			14,372	7.640	7.640	1,098,075.64	1,098,075.64
DIFFERENCE		2,560			2,560	3.324	3.324	588,263.64	588,263.64
DIFFERENCE %		22			22	77.025	77.025	115.39	115.39
CUMULATIVE ACTUAL		14,372			14,372	7.640	7.640	1,098,075.64	1,098,075.64
CUMULATIVE ESTIMATED		11,812			11,812	4.316	4.316	509,812.00	509,812.00
DIFFERENCE		2,560			2,560	3.324	3.324	588,263.64	588,263.64
DIFFERENCE %		22			22	77.022	77.022	115.39	115.39

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
JANUARY, 2021

(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		252,015	-	-	252,015	3.656	15.018	9,212,857.49
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	2 2			2 2	2.326	2.326	39.54 39.54
Lake County (LAKCOUNT) ADJ	CO-GEN	402 -			402 -	2.614	2.614	10,508.93 187.42
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,494 -			1,494 -	2.605	2.605	38,924.37 7,005.49
Orange Cogen (ORANGECO) ADJ	CO-GEN	27,134 -			27,134 -	3.685	26.475	999,776.27 2,518.18
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	84,466 -			84,466 -	5.059	12.414	4,273,150.05 (13,826.70)
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	15,562 -			15,562 -	2.316	16.943	360,486.84 (8,108.67)
PCS Phosphate (OCSWFCKK) ADJ	CO-GEN	62 1			62 1	2.440	2.440	1,525.00 158.66
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	43,938 -			43,938 -	2.303	14.642	1,011,790.40 (16,346.23)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	34,715 -			34,715 -	2.582	27.016	896,235.74 (15,910.49)
CURRENT MONTH TOTAL		207,778			207,778	3.633	17.411	7,548,154.34
DIFFERENCE		(44,237)			(44,237)	(0.023)	2.393	(1,664,703.15)
DIFFERENCE %		(17.55)			(17.55)	(0.63)	15.93	(18.07)
CUMULATIVE ACTUAL		207,778			207,778	3.633	17.411	7,548,154.34
CUMULATIVE ESTIMATED		252,015			252,015	3.656	15.015	9,212,857.49
CUMULATIVE DIFFERENCE		(44,237)			(44,237)	(0.023)	2.396	(1,664,703.15)
CUMULATIVE DIFFERENCE %		(17.55)			(17.55)	(0.63)	15.95	(18.07)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
JANUARY, 2021

(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		1,968	4.029	79,297.00	4.519	88,957.00	9,660.00
ACTUAL:							
SubTotal - Energy Purchases (Broker)							
SEPA	Hydro	7,643	3.003	229,506.92	3.003	229,506.92	-
Exelon Generation Company, LLC	InternationalSwapsDe	640	3.461	22,149.00	4.187	26,797.30	4,648.30
Florida Power & Light Company		2,615	3.468	90,695.00	4.643	121,402.45	30,707.45
Orlando Utilities Commission	Schedule OS	600	2.800	16,800.00	3.225	19,350.00	2,550.00
Southern Company Services, Inc.	EEI	4,030	3.995	161,010.00	4.820	194,228.60	33,218.60
Tallahassee (City of)	Schedule OS	195	0.992	1,935.00	1.448	2,824.35	889.35
Tampa Electric Company	EEI2	450	4.300	19,350.00	4.777	21,496.50	2,146.50
ADJUSTMENTS							
PJM Settlements				2.26			(2.26)
Tampa Electric				8.11			(8.11)
Southern Company Services, Inc.	Transmission			0.02			(0.02)
SubTotal - Energy Purchases (Non-Broker)							
		16,173	3.348	541,456.31	3.806	615,606.12	74,149.81
CURRENT MONTH TOTAL							
		16,173	3.348	541,456.31	3.806	615,606.12	74,149.81
DIFFERENCE							
		14,205	(0.681)	462,159.31	(0.713)	526,649.12	64,489.81
DIFFERENCE %							
		722	(16.903)	582.82	(15.767)	592.03	667.60
CUMULATIVE ACTUAL							
		16,173	3.348	541,456.31	3.806	615,606.12	74,149.81
CUMULATIVE ESTIMATED							
		1,968	4.029	79,297.00	4.520	88,957.00	9,660.00
DIFFERENCE							
		14,205	(0.681)	462,159.31	(0.714)	526,649.12	64,489.81
DIFFERENCE %							
		722	(16.909)	582.82	(15.789)	592.03	667.60

