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August 20, 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 July 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/mw
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 20th day of August, 2021.

s/ Matthew R. Bernier

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JULY 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)	148,931,960	133,486,550	15,445,410	11.6	4,262,371	4,153,417	108,954	2.6	3.4941	3.2139	0.2802	8.7
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	1,109,677	1,105,933	3,744	0.3	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	150,041,638	134,592,483	15,449,155	11.5	4,262,371	4,153,417	108,954	2.6	3.5201	3.2405	0.2796	8.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	10,776,054	6,072,483	4,703,571	77.5	166,328	110,061	56,267	51.1	6.4788	5.5174	0.9614	17.4
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	4,321,612	501,507	3,820,105	761.7	93,383	9,902	83,481	843.1	4.6278	5.0646	(0.4368)	(8.6)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	8,708,077	9,763,058	(1,054,981)	(10.8)	209,616	229,907	(20,291)	(8.8)	4.1543	4.2465	(0.0922)	(2.2)
9 TOTAL COST OF PURCHASED POWER	23,805,744	16,337,048	7,468,696	45.7	469,327	349,871	119,457	34.1	5.0723	4.6695	0.4028	8.6
10 TOTAL AVAILABLE MWH					4,731,698	4,503,287	228,411	5				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,091,998)	(285,585)	(806,413)	282.4	(46,070)	(7,772)	(38,298)	492.8	2.3703	3.6747	(1.3044)	(35.5)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(166,144)	(78,252)	(87,892)	112.3	(46,070)	(7,772)	(38,298)	492.8	0.3606	1.0069	(0.6463)	(64.2)
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	(10,129,544)	(10,208,910)	79,366	(0.8)	(417,362)	(343,352)	(74,010)	21.6	2.4270	2.9733	(0.5463)	(18.4)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(11,387,686)	(10,572,747)	(814,939)	7.7	(463,432)	(351,124)	(112,308)	32.0	2.4573	3.0111	(0.5538)	(18.4)
14 NET INADVERTENT AND WHEELED INTERCHANGE					20,885	0	20,885					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	162,459,696	140,356,784	22,102,912	15.8	4,289,151	4,152,163	136,988	3.3	3.7877	3.3803	0.4074	12.1
16 NET UNBILLED	8,172,431	1,781,909	6,390,522	358.6	(215,763)	(52,714)	(163,049)	309.3	0.2137	0.0461	0.1676	363.6
17 COMPANY USE	532,726	490,303	42,423	8.7	(14,065)	(14,505)	440	(3.0)	0.0139	0.0127	0.0012	9.5
18 T & D LOSSES	8,930,613	7,341,075	1,589,538	21.7	(235,780)	(217,170)	(18,610)	8.6	0.2336	0.1898	0.0438	23.1
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	162,459,696	140,356,784	22,102,912	15.8	3,823,543	3,867,774	(44,231)	(1.1)	4.2489	3.6289	0.6200	17.1
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(2,079,484)	(1,487,782)	(591,702)	39.8	(48,760)	(41,049)	(7,712)	18.8	4.2647	3.6244	0.6403	17.7
21 JURISDICTIONAL KWH SALES	160,380,212	138,869,002	21,511,210	15.5	3,774,783	3,826,726	(51,943)	(1.4)	4.2487	3.6289	0.6198	17.1
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	160,425,118	138,907,885	21,517,233	15.5	3,774,783	3,826,726	(51,943)	(1.4)	4.2499	3.6299	0.6200	17.1
23 PRIOR PERIOD TRUE-UP	(5,090,285)	(5,090,285)	(0)	0.0	3,774,783	3,826,726	(51,943)	(1.4)	(0.1348)	(0.1330)	(0.0018)	1.4
24 TOTAL JURISDICTIONAL FUEL COST	155,334,833	133,817,600	21,517,232	16.1	3,774,783	3,826,726	(51,943)	(1.4)	4.1151	3.4969	0.6182	17.7
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.1181	3.4994	0.6187	17.7
27 GPIF	367,309	367,309			3,774,783	3,826,726			0.0097	0.0096	0.0001	1.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.128	3.509	0.619	17.6

*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 - JULY 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)	753,107,104	737,661,694	15,445,410	2.1	23,034,080	22,925,126	108,954	0.5	3.2695	3.2177	0.0518	1.6
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	9,861,862	9,858,118	3,744	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	762,968,966	747,519,812	15,449,155	2.1	23,034,080	22,925,126	108,954	0.5	3.3123	3.2607	0.0516	1.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	57,400,785	52,697,214	4,703,571	8.9	935,523	879,256	56,267	6.4	6.1357	5.9934	0.1423	2.4
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)	15,669,715	11,849,610	3,820,105	32.2	318,392	234,911	83,481	35.5	4.9215	5.0443	(0.1228)	(2.4)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	56,425,291	57,480,272	(1,054,981)	(1.8)	1,410,927	1,431,218	(20,291)	(1.4)	3.9992	4.0162	(0.0170)	(0.4)
9 TOTAL COST OF PURCHASED POWER	129,495,791	122,027,095	7,468,696	6.1	2,664,842	2,545,385	119,457	4.7	4.8594	4.7941	0.0653	1.4
10 TOTAL AVAILABLE MWH					25,698,922	25,470,511	228,411	0.9				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(3,754,552)	(2,948,139)	(806,413)	27.4	(177,665)	(139,367)	(38,298)	27.5	2.1133	2.1154	(0.0021)	(0.1)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(810,406)	(722,514)	(87,892)	12.2	(177,665)	(139,367)	(38,298)	27.5	0.4561	0.5184	(0.0623)	(12.0)
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	(39,756,543)	(39,835,908)	79,366	(0.2)	(1,551,017)	(1,477,007)	(74,010)	5.0	2.5633	2.6971	(0.1338)	(5.0)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(44,321,500)	(43,506,561)	(814,939)	1.9	(1,728,682)	(1,616,374)	(112,308)	7.0	2.5639	2.6916	(0.1277)	(4.7)
14 NET INADVERTENT AND WHEELED INTERCHANGE					128,396	107,511	20,885					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	848,143,258	826,040,346	22,102,912	2.7	24,098,636	23,961,649	136,987	0.6	3.5195	3.4473	0.0722	2.1
16 NET UNBILLED	13,034,092	7,176,184	5,857,908	81.6	(339,254)	(190,862)	(148,392)	77.8	0.0588	0.0323	0.0265	82.0
17 COMPANY USE	3,500,462	3,458,039	42,423	1.2	(98,527)	(98,967)	440	(0.4)	0.0158	0.0156	0.0002	1.3
18 T & D LOSSES	51,433,325	49,311,198	2,122,127	4.3	(1,476,469)	(1,443,203)	(33,266)	2.3	0.2318	0.2218	0.0100	4.5
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	848,143,258	826,040,346	22,102,912	2.7	22,184,386	22,228,616	(44,230)	(0.2)	3.8232	3.7161	0.1071	2.9
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(3,550,502)	(2,958,800)	(591,702)	20.0	(87,883)	(80,171)	(7,712)	9.6	4.0400	3.6906	0.3494	9.5
21 JURISDICTIONAL KWH SALES	844,592,756	823,081,546	21,511,210	2.6	22,096,503	22,148,445	(51,942)	(0.2)	3.8223	3.7162	0.1061	2.9
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	844,832,081	823,314,848	21,517,233	2.6	22,096,503	22,148,445	(51,942)	(0.2)	3.8234	3.7173	0.1061	2.9
23 PRIOR PERIOD TRUE-UP	(35,631,997)	(35,631,995)	(2)	0.0	22,096,503	22,148,445	(51,942)	(0.2)	(0.1613)	(0.1609)	(0.0004)	0.3
24 TOTAL JURISDICTIONAL FUEL COST	809,200,083	787,682,853	21,517,230	2.7	22,096,503	22,148,445	(51,942)	(0.2)	3.6621	3.5564	0.1057	3.0
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.6647	3.5590	0.1058	3.0
27 GPIF	2,571,165	2,571,163			22,096,503	22,148,445			0.0116	0.0116	0.0000	100.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.676	3.571	0.106	3.0

*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
JULY 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	\$148,931,960	133,486,550	\$15,445,410	11.6	\$753,107,104	\$737,661,694	\$15,445,410	2.1
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(1,091,998)	(285,585)	(806,413)	282.4	(3,754,552)	(2,948,139)	(806,413)	27.4
2a. GAIN ON POWER SALES	(166,144)	(78,252)	(87,892)	112.3	(810,406)	(722,514)	(87,892)	12.2
3 . FUEL COST OF PURCHASED POWER	10,776,054	6,072,483	4,703,571	77.5	57,400,785	52,697,214	4,703,571	8.9
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	8,708,077	9,763,058	(1,054,981)	(10.8)	56,425,291	57,480,272	(1,054,981)	(1.8)
4 . ENERGY COST OF ECONOMY PURCHASES	4,321,612	501,507	3,820,105	761.7	15,669,715	11,849,610	3,820,105	32.2
5 . TOTAL FUEL & NET POWER TRANSACTIONS	171,479,563	149,459,761	22,019,802	14.7	878,037,938	856,018,137	22,019,802	2.6
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(10,129,544)	(10,208,910)	79,366	(0.8)	(39,756,543)	(39,835,908)	79,366	(0.2)
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,109,677	1,105,933	3,744	0.3	9,861,862	9,858,118	3,744	0.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$162,459,696	\$140,356,784	\$22,102,912	15.8	\$848,143,258	\$826,040,346	\$22,102,912	2.7
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)	1,280	0	1,280		2,500	0	2,500	
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		1,936,195	0	1,936,195	
FPD AGREEMENT TERMINATION	1,108,397	0	1,108,397		7,761,770	0	7,761,770	
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		161,397	0	161,397	
2019 ADJUSTMENT GAIN ON TOTAL POWER SALES - 20% (SCH A6)**	0	0	0		0	0	0	
Derivative Collateral Interest	0	0	0		0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,109,677	\$0	\$1,109,677		\$9,861,862	\$0	\$9,861,862	
** Adjustment to correct 2019 customer gain on non-separate wholesale sales.								
B. KWH SALES								
1 . JURISDICTIONAL SALES	3,774,782,981	3,826,725,622	(51,942,641)	(1.4)	22,096,502,788	22,148,445,429	(51,942,641)	(0.2)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	48,760,375	41,048,700	7,711,675	18.8	87,882,626	80,170,951	7,711,675	9.6
3 . TOTAL SALES	3,823,543,356	3,867,774,322	(44,230,966)	(1.1)	22,184,385,414	22,228,616,380	(44,230,966)	(0.2)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	98.72	98.94	(0.22)	(0.2)	99.60	99.64	(0.04)	(0.0)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$117,399,908	\$118,157,880	(\$757,973)	(0.6)	\$676,512,553	\$677,270,526	(\$757,973)	(0.1)
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	35,631,997	35,631,995	2	0.0
2b. INCENTIVE PROVISION	(367,309)	(367,309)	(0)	0.0	(2,571,165)	(2,571,163)	(2)	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	122,122,884	122,880,856	(757,973)	(0.6)	709,573,385	710,331,358	(757,973)	(0.1)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	162,459,696	140,356,784	22,102,912	15.8	848,143,258	826,040,346	22,102,912	2.7
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	98.72	98.94	(0.22)	(0.2)	99.60	99.64	(0.04)	(0.0)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	160,425,118	138,907,885	21,517,233	15.5	844,832,081	823,314,848	21,517,233	2.6
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(38,302,235)	(16,027,029)	(22,275,205)	139.0	(135,258,695)	(112,983,490)	(22,275,205)	19.7
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(7,657)	(5,822)	(1,835)	31.5	(17,084)	(15,249)	(1,835)	12.0
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(105,928,013)	(105,928,011)	(1)	0.0	21,579,587	21,579,587	0	0.0
10. TRUE UP COLLECTED (REFUNDED)	(5,090,285)	(5,090,285)	(0)	0.0	(35,631,997)	(35,631,995)	(2)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(149,328,190)	(127,051,148)	(22,277,042)	17.5	(149,328,190)	(127,051,148)	(22,277,042)	17.5
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$149,328,190)	(127,051,148)	(22,277,042)	17.5	(\$149,328,190)	(127,051,148)	(22,277,042)	17.5
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$105,928,013)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(149,320,533)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(255,248,545)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(127,624,273)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.080	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.060	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.140	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.070	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.006	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$7,657)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 7/1/2021 to 7/1/2021

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	1,866,514	1,663,875	202,639	12.2 %
3 - COAL	19,389,715	24,589,314	(5,199,599)	(21.1 %)
4 - GAS	127,675,732	107,233,361	20,442,371	19.1 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	148,931,960	133,486,550	15,445,410	11.6 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	3,890	6,108	(2,218)	(36.3 %)
11 - COAL	641,819	879,851	(238,032)	(27.1 %)
12 - GAS	3,534,387	3,156,648	377,739	12.0 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	82,275	110,810	(28,535)	(25.8 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	4,262,371	4,153,417	108,954	2.6 %
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	15,617	14,366	1,251	8.7 %
19 - COAL (TON)	303,167	385,452	(82,285)	(21.3 %)
20 - GAS (MCF)	26,353,250	23,651,535	2,701,715	11.4 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY O L	0	0	0	0.0 %
25 - LIGHT OIL	89,516	83,683	5,833	7.0 %
26 - COAL	6,775,176	8,969,223	(2,194,047)	(24.5 %)
27 - GAS	27,042,898	23,651,535	3,391,363	14.3 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	33,907,590	32,704,441	1,203,149	3.7 %
GENERATION MIX (% MWH)				
32 - HEAVY O L	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.15	(0.1)	(37.9 %)
34 - COAL	15.1	21.18	(6.1)	(28.9 %)
35 - GAS	82.9	76.00	6.9	9.1 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.9	2.67	(0.7)	(27.6 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY O L (\$/BBL)	0.00	0.00	0.00	0.0 %

A-3 Generating System Comparative Data Report

Report Period : 7/1/2021 to 7/1/2021

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	119.52	115.82	3.70	3.2 %
42 - COAL (\$/TON)	63.96	63.79	0.16	0.3 %
43 - GAS (\$/MCF)	4.84	4.53	0.31	6.9 %
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 O L	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	20.85	19.88	0.97	4.9 %
49 - COAL	2.86	2.74	0.12	4.4 %
50 - GAS	4.72	4.53	0.19	4.1 %
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	4.39	4.08	0.31	7.6 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	23,013	13,701	9,312	68.0 %
57 - COAL	10,556	10,194	362	3.6 %
58 - GAS	7,651	7,493	159	2.1 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,955	7,874	81	1.0 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	47.98	27.24	20.74	76.1 %
65 - COAL	3.02	2.79	0.23	8.1 %
66 - GAS	3.61	3.40	0.22	6.3 %
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)	3.49	3.21	0.28	8.7 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 7/1/2021

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	16,278,333	16,075,695	202,638	1.3 %
3 - COAL	112,546,789	117,746,387	(5,199,598)	(4.4 %)
4 - GAS	624,281,982	603,839,613	20,442,369	3.4 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	753,107,104	737,661,695	15,445,409	2.1 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	44,978	48,130	(3,152)	(6.5 %)
11 - COAL	3,556,427	3,794,460	(238,033)	(6.3 %)
12 - GAS	18,871,815	18,493,142	378,673	2.0 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	560,859	589,395	(28,536)	(4.8 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	23,034,080	22,925,127	108,953	0.5 %
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	141,761	140,511	1,250	0.9 %
19 - COAL (TON)	1,651,271	1,733,556	(82,285)	(4.7 %)
20 - GAS (MCF)	139,453,941	136,752,226	2,701,715	2.0 %
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 O L	0	0	0	0.0 %
25 - LIGHT OIL	813,248	807,415	5,833	0.7 %
26 - COAL	36,792,518	38,986,564	(2,194,046)	(5.6 %)
27 - GAS	142,962,853	139,571,490	3,391,363	2.4 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	180,568,619	179,365,469	1,203,150	0.7 %
GENERATION MIX (% MWH)				
32 - HEAVY O L	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.2	0.21	(0.0)	(7.0 %)
34 - COAL	15.4	16.55	(1.1)	(6.7 %)
35 - GAS	81.9	80.67	1.3	1.6 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.4	2.57	(0.1)	(5.3 %)
38	0	0	0	0.0 %
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY O L (\$/BBL)	0.00	0.00	0.00	0.0 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 7/1/2021

Duke Energy Florida, LLC

41 - LIGHT OIL (\$/BBL)	114.83	114.41	0.42	0.4 %
42 - COAL (\$/TON)	68.16	67.92	0.24	0.3 %
43 - GAS (\$/MCF)	4.48	4.42	0.06	1.4 %
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 O L	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	20.02	19.91	0.11	0.5 %
49 - COAL	3.06	3.02	0.04	1.3 %
50 - GAS	4.37	4.33	0.04	0.9 %
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)	4.17	4.11	0.06	1.4 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	18,081	16,776	1,305	7.8 %
57 - COAL	10,345	10,275	71	0.7 %
58 - GAS	7,575	7,547	28	0.4 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,839	7,824	15	0.2 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	36.19	33.40	2.79	8.4 %
65 - COAL	3.16	3.10	0.06	2.0 %
66 - GAS	3.31	3.27	0.04	1.3 %
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)	3.27	3.22	0.05	1.6 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 7/1/2021 to 7/1/2021

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	14,834.00	27			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	10,215.00	19			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	13,820.00	25			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	184.00	1			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	421.00	14			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	677.00	18			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	14,920.00	27			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,315.00	20			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	14,588.00	26			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	11,262.00	20			0				0	0	0.000	
St. Pete Pier	0.35	39.12	15			0				0	0	0.000	
TOTAL Solar	512	82,275.12				0				0	0	0.000	
Steam													
Anclote													
		146,696.00					Gas	1,503,218	1.027	1,543,805	7,393,254	5.040	4.918
TOTAL UNIT 1	521	146,696.00	38			10,524				1,543,805	7,393,254	5.040	
		146,097.00					Gas	1,607,534	1.027	1,650,937	7,906,310	5.412	4.918
TOTAL UNIT 2	514	146,097.00	38			11,300				1,650,937	7,906,310	5.412	
Crystal River 4 & 5													
		281,351.00					Coal	132,278	22.348	2,956,149	8,460,132	3.007	63.957
		0.00					No 2	3,626	5.722	20,748	466,426	0.000	128.634
TOTAL UNIT 4	721	281,351.00	52			10,581				2,976,897	8,926,558	3.173	
		360,468.00					Coal	170,889	22.348	3,819,027	10,929,583	3.032	63.957
		0.00					No 2	2,890	5.722	16,536	371,752	0.000	128.634
TOTAL UNIT 5	721	360,468.00	67			10,641				3,835,564	11,301,335	3.135	
TOTAL Steam	2,477	934,612.00				10,707				10,007,203	35,527,457	4.000	
Gas Turbine													
Bartow Combined Cycle													
		370,554.00					Gas	2,717,921	1.022	2,777,715	12,548,679	3.386	4.617
TOTAL BCC	859	370,554.00	58			7,496				2,777,715	12,548,679	3.386	
Bartow Peaker													
		414.35					No 2	1,134	5.712	6,477	135,646	32.737	119.617
		4,399.65					Gas	66,971	1.027	68,779	328,800	7.473	4.910
TOTAL BAP	223	4,814.00	3			15,633				75,257	464,446	9.648	
Bayboro Peaker													
		852.00					No 2	1,612	5.712	9,208	204,993	24.060	127.167
TOTAL BYP	229	852.00	1			10,807				9,208	204,993	24.060	

A-4 System Net Generation and Fuel Cost Report

Report Period : 7/1/2021 to 7/1/2021

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 (\$)
Citrus County													
TOTAL CCCC	1,884	1,072,358.00	77			6,849	Gas	7,123,899	1.031	7,344,740	39,863,825	3.717	5.596
Debary Peaker													
		1,668.74					No 2	4,092	5.768	23,602	467,216	27.998	114.178
		17,884.26					Gas	245,816	1.029	252,945	1,208,906	6.760	4.918
TOTAL DEP	707	19,553.00	4			14,143				276,546	1,676,122	8.572	
Hines Energy													
TOTAL HEP	2,167	1,251,477.00	78			7,309	Gas	8,933,077	1.024	9,147,471	39,150,548	3.128	4.383
Intercession City Peaker													
		843.56					No 2	2,027	5.712	11,578	198,868	23.575	98.110
		39,457.34					Gas	526,307	1.029	541,570	2,450,445	6.210	4.656
TOTAL ICP	1,037	40,301.00	5			13,725				553,148	2,649,313	6.574	
Osprey													
TOTAL OSP	569	298,483.00	71			7,307	Gas	2,129,910	1.024	2,181,028	9,895,987	3.315	4.646
Suwannee Peaker													
		111.11					No 2	235	5.817	1,367	21,612	19.451	91.968
		7,393.09					Gas	88,567	1.027	90,958	434,732	5.880	4.909
TOTAL SRP	203	7,504.00	5			12,303				92,325	456,344	6.081	
Tiger Bay Cogen													
TOTAL TBP	224	145,574.00	87			7,676	Gas	1,093,385	1.022	1,117,439	5,069,021	3.482	4.636
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		34,013.80					Gas	316,645	1.028	325,510	1,425,225	4.190	4.501
TOTAL UFP	50	34,014.00	91			9,570				325,510	1,425,225	4.190	
TOTAL Gas Turbine	8,152	3,245,484.00				7,364				23,900,388	113,404,504	3.494	
SYSTEM TOTAL	11,142	4,262,371.02				7,955				33,907,590	148,931,960	3.494	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 7/1/2021

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	103,032.00	27			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	80,084.00	21			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	95,395.00	25			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	53,307.00	23			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	3,399.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	4,087.00	16			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	81,082.00	21			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	9,947.00	22			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	104,011.00	27			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	26,260.00	7			0				0	0	0.000	
St. Pete Pier	0.35	254.88	14			0				0	0	0.000	
TOTAL Solar	512	560,858.88				0				0	0	0.000	
Steam													
Anclote													
		473,504.00					Gas	5,058,835	1.026	5,190,902	24,152,314	5.101	4.774
TOTAL UNIT 1	521	473,504.00	12			10,963				5,190,902	24,152,314	7.390	
		640,094.00					Gas	7,159,019	1.027	7,350,207	34,970,321	5.463	4.885
TOTAL UNIT 2	514	640,094.00	19			11,483				7,350,207	34,970,321	7.079	
Crystal River 4 & 5													
		1,298,886.00					Coal	607,074	22.277	13,523,548	40,363,071	3.108	66.488
		0.00					No 2	15,892	5.722	90,937	2,112,988	0.000	132.959
TOTAL UNIT 4	721	1,298,886.00	35			10,482				13,614,485	42,476,059	3.270	
		2,257,541.00					Coal	1,044,197	22.284	23,268,970	72,183,718	3.197	69.128
		0.00					No 2	16,363	5.721	93,611	2,322,438	0.000	141.932
TOTAL UNIT 5	721	2,257,541.00	62			10,349				23,362,581	74,506,156	3.300	
TOTAL Steam	2,477	4,670,025.00				10,603				49,518,175	176,104,850	4.000	
Gas Turbine													
Bartow Combined Cycle													
		3,228,983.00					Gas	23,931,304	1.022	24,453,108	97,675,523	3.025	4.081
TOTAL BCC	1,259	3,228,983.00	50			7,573				24,453,108	97,675,523	3.025	
Bartow Peaker													
		6,509.63					No 2	17,130	5.712	97,847	1,799,746	27.647	105.064
		17,152.37					Gas	251,386	1.026	257,818	1,211,097	7.061	4.818
TOTAL BAP	223	23,662.00	2			15,031				355,665	3,010,843	12.724	
Bayboro Peaker													
		2,358.00					No 2	5,844	5.712	33,381	766,031	32.486	131.080
TOTAL BYP	238	2,358.00	0			14,156				33,381	766,031	32.486	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 7/1/2021

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 (\$)
Citrus County													
TOTAL CCCC	1,884	5,913,537.00	62			6,797	Gas	39,070,654	1.029	40,195,211	198,475,699	3.356	5.080
Debary Peaker													
		20,545.45					No 2	49,617	5.768	286,180	5,665,148	27.574	114.178
		91,905.55					Gas	1,245,675	1.028	1,280,162	6,105,252	6.643	4.901
TOTAL DEP	707	112,451.00	3			13,929				1,566,342	11,770,399	10.467	
Hines Energy													
TOTAL HEP	2,167	5,948,810.00	54			7,265	Gas	42,220,268	1.024	43,218,381	175,659,517	2.953	4.161
Intercession City Peaker													
		13,818.88					No 2	32,782	5.712	187,251	3,231,879	23.387	98.587
		216,313.42					Gas	2,853,362	1.027	2,931,127	11,940,281	5.520	4.185
TOTAL ICP	1,198	230,132.00	4			13,550				3,118,378	15,172,160	6.593	
Osprey													
TOTAL OSP	569	1,455,267.00	50			7,265	Gas	10,329,232	1.024	10,572,172	42,340,350	2.909	4.099
Suwannee Peaker													
		1,745.80					No 2	4,133	5.817	24,042	380,102	21.772	91.968
		31,217.60					Gas	418,350	1.028	429,902	2,051,995	6.573	4.905
TOTAL SRP	203	32,963.00	3			13,771				453,944	2,432,098	7.378	
Tiger Bay Cogen													
TOTAL TBP	224	645,671.00	57			7,726	Gas	4,875,394	1.023	4,988,582	20,396,763	3.159	4.184
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		209,361.40					Gas	2,040,462	1.027	2,095,281	9,302,869	4.443	4.559
TOTAL UFP	50	209,361.00	82			10,008				2,095,281	9,302,869	4.443	
TOTAL Gas Turbine	8,722	17,803,196.00				7,361				131,050,444	576,993,244	3.241	
SYSTEM TOTAL	11,711	23,034,079.98				7,839				180,568,619	753,107,104	3.270	

A-5 System Generation Fuel Cost Report

Report Period : 7/1/2021 to 7/1/2021

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)	6,785	14,366	(7,581)	(52.8%)
20 - UNIT COST (\$/BBL)	113.57	115.82	(2.25)	(1.9%)
21 - AMOUNT (\$)	770,568	1,663,875	(893,307)	(53.7%)
22 - BURNED				
23 - UNITS (BBL)	15,617	14,366	1,251	8.7%
24 - UNIT COST (\$/BBL)	119.52	115.82	3.70	3.2%
25 - AMOUNT (\$)	1,866,514	1,663,875	202,639	12.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	431,972	440,805	(8,833)	(2.0%)
31 - UNIT COST (\$/BBL)	109.46	109.75	(0.29)	(0.3%)
32 - AMOUNT (\$)	47,283,848	48,379,795	(1,095,947)	(2.3%)
33 -				
34 - DAYS SUPPLY	857	921	(63)	(6.8%)

A-5 System Generation Fuel Cost Report

Report Period : 7/1/2021 to 7/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	267,265	385,452	(118,187)	(30.7%)
37 - UNIT COST (\$/TON)	65.01	63.79	1.22	1.9%
38 - AMOUNT (\$)	17,375,567	24,589,314	(7,213,747)	(29.3%)
39 - BURNED				
40 - UNITS (TON)	303,167	385,452	(82,285)	(21.3%)
41 - UNIT COST (\$/TON)	63.96	63.79	0.16	0.3%
42 - AMOUNT (\$)	19,389,715	24,589,314	(5,199,599)	(21.1%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	351,644	387,546	(35,902)	(9.3%)
48 - UNIT COST (\$/TON)	63.96	63.23	0.73	1.2%
49 - AMOUNT (\$)	22,490,179	24,504,326	(2,014,147)	(8.2%)
50 -				
51 - DAYS SUPPLY	36	30	6	19.2%
GAS				
52 - BURNED				
53 - UNITS (MCF)	26,353,250	23,651,535	2,701,715	11.4%
54 - UNIT COST (\$/MCF)	4.84	4.53	0.31	6.9%
55 - AMOUNT (\$)	127,675,732	107,233,361	20,442,371	19.1%
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 7/1/2021

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)	40,524	48,105	(7,581)	(15.8%)
20 - UNIT COST (\$/BBL)	140.15	136.64	3.52	2.6%
21 - AMOUNT (\$)	5,679,542	6,572,849	(893,307)	(13.6%)
22 - BURNED				
23 - UNITS (BBL)	141,761	140,511	1,250	0.9%
24 - UNIT COST (\$/BBL)	114.83	114.41	0.42	0.4%
25 - AMOUNT (\$)	16,278,333	16,075,695	202,638	1.3%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	431,972	440,805	(8,833)	(2.0%)
31 - UNIT COST (\$/BBL)	109.46	109.75	(0.29)	(0.3%)
32 - AMOUNT (\$)	47,283,848	48,379,795	(1,095,947)	(2.3%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2021 to 7/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,475,430	1,593,617	(118,187)	(7.4%)
37 - UNIT COST (\$/TON)	65.69	65.34	0.34	0.5%
38 - AMOUNT (\$)	96,914,638	104,128,384	(7,213,746)	(6.9%)
39 - BURNED				
40 - UNITS (TON)	1,651,271	1,733,556	(82,285)	(4.7%)
41 - UNIT COST (\$/TON)	68.16	67.92	0.24	0.3%
42 - AMOUNT (\$)	112,546,789	117,746,387	(5,199,598)	(4.4%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	(26,652)			
45 - AMOUNT (\$)	(1,936,195)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	351,644	387,546	(35,902)	(9.3%)
48 - UNIT COST (\$/TON)	63.96	63.23	0.73	1.2%
49 - AMOUNT (\$)	22,490,179	24,504,326	(2,014,147)	(8.2%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	139,453,941	136,752,226	2,701,715	2.0%
54 - UNIT COST (\$/MCF)	4.48	4.42	0.06	1.4%
55 - AMOUNT (\$)	624,281,982	603,839,613	20,442,369	3.4%
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
July 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		7,772		7,772	3.675	4.681	285,585.00	363,837	78,252.00
ACTUAL									
Orlando Utilities Commission	Schedule OS	1,100		1,100	2.184	2.559	24,024.00	28,149.00	4,125.00
Reedy Creek Improvement District	CR-1	8,370		8,370	2.368	2.671	198,207.65	223,581.20	25,373.55
The Energy Authority	Schedule OS	36,600		36,600	2.376	2.663	869,766.00	974,507.20	104,741.20
Adjustments									
Tampa Electric	Transmission							31,904.16	31,904.16
PJM Settlements									
Subtotal - Gain on Other Power Sales		46,070	-	46,070	2.370	2.731	1,091,997.65	1,258,141.56	166,143.91
CURRENT MONTH TOTAL		46,070		46,070	2.370	2.731	1,091,997.65	1,258,141.56	166,143.91
DIFFERENCE		38,298		38,298	(1.304)	(1.950)	806,412.65	894,304.56	87,891.91
DIFFERENCE %		492.77		492.77	(35.49)	(41.66)	282.37	245.80	112.32
CUMULATIVE ACTUAL		177,665		177,665	2.113	2.569	3,754,551.69	4,564,957.35	810,405.66
CUMULATIVE EST MATED		139,367		139,367	2.115	2.634	2,948,139.00	3,670,653.00	722,514.00
DIFFERENCE		38,298		38,298	-0.002	(0.064)	806,412.69	894,304.35	87,891.66
DIFFERENCE %		27.48		27.48	(0.10)	(2.44)	27.35	24.36	12.16

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
JULY, 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		110,061			110,061	5.517	5.517	6,072,483.00	6,072,483.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	33,492			33,492	7.486	7.486	2,507,187.51	2,507,187.51
Southern Power Company	Franklin	-			-	-	-	-	-
Vandolah Power Co. LLC (Northern Star)	TOLL	131,362			131,362	6.366	6.366	8,362,622.79	8,362,622.79
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	170			170	(5.686)	(5.686)	(9,665.45)	(9,665.45)
Southern Power Company	Franklin	-			-	-	-	-	-
Vandolah Power Co. LLC (Northern Star)	TOLL	1,304			1,304	(6.449)	(6.449)	(84,090.57)	(84,090.57)
CURRENT MONTH TOTAL		166,328			166,328	6.479	6.479	10,776,054.28	10,776,054.28
DIFFERENCE		56,267			56,267	0.962	0.962	4,703,571.28	4,703,571.28
DIFFERENCE %		51			51	17.433	17.433	77.46	77.46
CUMULATIVE ACTUAL		935,523			935,523	6.136	6.136	57,400,784.89	57,400,784.89
CUMULATIVE ESTIMATED		879,256			879,256	5.993	5.993	52,697,214.00	52,697,214.00
DIFFERENCE		56,267			56,267	0.142	0.142	4,703,570.89	4,703,570.89
DIFFERENCE %		6			6	2.374	2.374	8.93	8.93

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF
JULY, 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 \$
EST MATED		229,907	-	-	229,907	4.247	16.702	9,763,057.88
ACTUAL								
Citrus World (CITRUS)	CO-GEN	31			31	2.835	2.835	883.84
ADJ		31			31			883.84
Lake County (LAKCOUNT)	CO-GEN	62			62	2.970	2.970	1,841.63
ADJ		-			-			81.51
Lee County (LEECOGAS)	CO-GEN	-			-	-	0.000	-
ADJ		-			-			54.66
Metro-Dade County (METRDDAS)	CO-GEN	1,032			1,032	2.311	2.311	23,850.83
ADJ		-			-			-
Orange Cogen (ORANGEAS)	CO-GEN	442			442	2.779	2.779	12,284.65
ADJ		-			-			2,772.01
Orange Cogen (ORANGEEO)	CO-GEN	31,839			31,839	3.955	23.404	1,259,074.91
ADJ		-			-			3,656.36
Orlando Cogen Limited (ORLACOGL)	CO-GEN	88,884			88,884	5.363	12.382	4,766,849.20
ADJ		-			-			12,632.16
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	5,651			5,651	2.807	43.662	158,597.57
ADJ		-			-			24,383.42
PCS Phosphate (OCSWFCRK)	CO-GEN	9			9	3.555	3.555	331.00
ADJ		(11)			(11)			(315.88)
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	42,404			42,404	2.80	15.77	1,188,339.88
ADJ		-			-			59,013.01
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	39,241			39,241	3	24.696	1,253,450.84
ADJ		-			-			(60,587.86)
CURRENT MONTH TOTAL		209,616			209,616	4.154	17.815	8,708,077.36
DIFFERENCE		(20,291)			(20,291)	(0.092)	1.113	(1,054,980.52)
DIFFERENCE %		(8.83)			(8.83)	(2.17)	6.67	(10.81)
CUMULATIVE ACTUAL		1,410,926			1,410,926	3.999	18.205	56,425,291.09
CUMULATIVE EST MATED		1,431,217			1,431,217	4.016	18.021	57,480,271.61
CUMULATIVE DIFFERENCE		(20,291)			(20,291)	(0.017)	0.184	(1,054,980.52)
CUMULATIVE DIFFERENCE %		(1.42)			(1.42)	(0.42)	1.02	(1.84)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF
JULY, 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 \$
EST MATED		9,902	5.065	501,507	5.760	570,385.00	68,878.00
ACTUAL							
SubTotal - Energy Purchases (Broker)							
SEPA	Hydro	3,538	3.400	120,300.74	3.400	120,300.74	
Exelon Generation Company, LLC	InternationalSwapsDe	17,350	4.841	839,950.00	6.311	1,095,002.00	255,052.00
Florida Power & Light Company		47,400	4.363	2,068,200.00	5.438	2,577,704.00	509,504.00
Macquarie Energy LLC		13,207	5.016	662,513.00	7.561	998,549.54	336,036.54
Morgan Stanley Capital Group Inc.	EEI	100	7.200	7,200.00	4.533	4,533.00	(2,667.00)
Orlando Utilities Commission	Schedule OS	225	5.500	12,375.00	5.108	11,493.00	(882.00)
Rainbow Energy Marketing Corporation		8,149	4.926	401,400.00	6.147	500,943.11	99,543.11
Southern Company Services, Inc.	EEI	2,621	6.375	167,100.00	9.268	242,913.99	75,813.99
Tampa Electric Company	EEI2	100	3.500	3,500.00	3.913	3,913.00	413.00
Tyr Energy, LLC		493	4.400	21,692.00	4.385	21,618.05	(73.95)
ADJUSTMENTS							
Florida Power and Light				19,122.16			(19,122.16)
Jacksonville Electric Authority				316.00			(316.00)
Southern Company Services	Transmission			(2,060.61)			2,060.61
PJM Settlements				2.60			(2.60)
TamaElectric Company				1.39			(1.39)
Exelon Generation		200					
SubTotal - Energy Purchases (Non-Broker)							
		93,383	4.628	4,321,612.28	5.972	5,576,970.43	1,255,358.15
CURRENT MONTH TOTAL							
D FFERENCE		93,383	4.628	4,321,612.28	5.972	5,576,970.43	1,255,358.15
D FFERENCE		83,481	(0.437)	3,820,105.28	0.212	5,006,585.43	1,186,480.15
D FFERENCE %		843	(8.631)	761.73	3.683	877.76	1,722.58
CUMULATIVE ACTUAL							
CUMULATIVE EST MATED		318,392	4.922	15,669,715.39	6.324	20,134,125.56	4,464,407.57
D FFERENCE		234,911	5.044	11,849,610.00	6.440	15,127,540.00	3,277,930.00
D FFERENCE		83,481	(0.123)	3,820,105.39	(0.116)	5,006,585.56	1,186,477.57
D FFERENCE %		36	(2.434)	32.24	(1.801)	33.10	36.20

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2021

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	6,181,528	6,196,226	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	43,322,140
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	43,581,532
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	15,990,520
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	38,064,390
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	59,487,560
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/16 - 1/31/19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Southern purchase - Franklin	PPA	425	6/1/16 - 5/31/21	4,832,347	4,988,816	2,913,671	2,914,969	3,198,304	(755,104)	0	0	0	0	0	0	0	18,093,003
8 Retail Wheeling				0	(19,418)	(4,147)	(1,634)	0	0	0	0	0	0	0	0	0	(25,200)
9 CR1&2 NBV				6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	47,012,251
10 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	4,013,238
11 Vandolah Capacity Purchase	PPA	669	June 2012 - May 2027	3,033,279	2,968,686	2,017,074	1,998,157	2,873,617	5,948,748	3,950,401	0	0	0	0	0	0	22,789,962
12 Capacity Sales and Purchases	Other	-1	on-going no term date	(5,587)	0	0	0	0	225,736	244,901	0	0	0	0	0	0	465,050
13 Shady Hills Tolling	PPA	517	4/1/07-4/30/24	1,976,940	1,976,940	1,976,940	804,060	1,916,460	3,896,100	4,825,132	0	0	0	0	0	0	17,372,572
14 RidgeGen Agreement Termination				670,785	667,189	656,848	657,880	654,349	650,819	647,288	0	0	0	0	0	0	4,605,158
15 Hamilton SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Columbia SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Lake Placid SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 Trenton SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Debary SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 State Corporate Income Tax Change				(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(1,629,432)
TOTAL				46,192,158	46,281,305	43,252,129	42,065,174	44,334,473	45,658,041	45,359,465	0	0	0	0	0	0	313,142,744