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July 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 June 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 July, 2021.

s/ Matthew R. Bernier

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JUNE 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)	123,000,789	111,433,201	11,567,588	10.4	3,883,543	4,055,415	(171,872)	(4.2)	3.1672	2.7478	0.4194	15.3
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	3,040,212	1,107,127	1,933,085	174.6	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	126,041,001	112,540,328	13,500,673	12.0	3,883,543	4,055,415	(171,872)	(4.2)	3.2455	2.7751	0.4704	17.0
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	13,023,594	558,910	12,464,684	2,230.2	212,906	10,969	201,938	1,841.1	6.1171	5.0956	1.0215	20.1
6 ENERGY COST OF SCH C.X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	3,333,096	205,130	3,127,966	1,524.9	77,003	4,573	72,430	1,583.9	4.3285	4.4857	(0.1572)	(3.5)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	9,152,559	9,022,105	130,454	1.5	211,457	239,975	(28,518)	(11.9)	4.3283	3.7596	0.5687	15.1
9 TOTAL COST OF PURCHASED POWER	25,509,250	9,786,145	15,723,105	160.7	501,366	255,516	245,850	96.2	5.0880	3.8300	1.2580	32.9
10 TOTAL AVAILABLE MWH					4,384,909	4,310,931	73,977	2				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(572,616)	(681,635)	109,019	(16.0)	(27,210)	(18,305)	(8,905)	48.7	2.1044	3.7237	(1.6193)	(43.5)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(78,760)	(172,842)	94,082	(54.4)	(27,210)	(18,305)	(8,905)	48.7	0.2895	0.9442	(0.6547)	(69.3)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(8,339,596)	(4,142,776)	(4,196,820)	101.3	(364,612)	(201,835)	(162,777)	80.7	2.2873	2.0526	0.2347	11.4
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(8,990,972)	(4,997,253)	(3,993,719)	79.9	(391,822)	(220,140)	(171,682)	78.0	2.2947	2.2700	0.0247	1.1
14 NET INADVERTENT AND WHEELED INTERCHANGE					17,075	0	17,075					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	142,559,279	117,329,220	25,230,059	21.5	4,010,162	4,090,791	(80,629)	(2.0)	3.5550	2.8681	0.6869	24.0
16 NET UNBILLED	386,601	6,094,674	(5,708,073)	(93.7)	(10,875)	(212,496)	201,621	(94.9)	0.0104	0.1683	(0.1579)	(93.8)
17 COMPANY USE	516,236	360,163	156,073	43.3	(14,522)	(12,557)	(1,964)	15.6	0.0139	0.0099	0.0040	40.4
18 T & D LOSSES	9,715,005	7,035,650	2,679,355	38.1	(273,281)	(245,304)	(27,977)	11.4	0.2618	0.1943	0.0675	34.7
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	142,559,279	117,329,220	25,230,059	21.5	3,711,484	3,620,433	91,051	2.5	3.8410	3.2408	0.6002	18.5
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(741,308)	(70,398)	(670,911)	953.0	(19,330)	(2,293)	(17,037)	743.1	3.8350	3.0704	0.7646	24.9
21 JURISDICTIONAL KWH SALES	141,817,971	117,258,823	24,559,148	20.9	3,692,154	3,618,140	74,014	2.1	3.8411	3.2409	0.6002	18.5
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	141,857,680	117,295,173	24,562,507	20.9	3,692,154	3,618,140	74,014	2.1	3.8421	3.2419	0.6002	18.5
23 PRIOR PERIOD TRUE-UP	(5,090,285)	(5,090,285)	(0)	0.0	3,692,154	3,618,140	74,014	2.1	(0.1379)	(0.1407)	0.0028	(2.0)
24 TOTAL JURISDICTIONAL FUEL COST	136,767,394	112,204,888	24,562,506	21.9	3,692,154	3,618,140	74,014	2.1	3.7042	3.1012	0.6030	19.4
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.7069	3.1034	0.6035	19.5
27 GPIF	367,309	367,309			3,692,154	3,618,140			0.0099	0.0102	(0.0003)	(2.9)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.717	3.114	0.603	19.4

*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 - JUNE 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)	604,175,144	573,060,843	31,114,301	5.4	18,771,709	19,172,346	(400,636)	(2.1)	3.2185	2.9890	0.2295	7.7
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	8,752,184	6,695,406	2,056,778	30.7	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	612,927,329	579,756,249	33,171,079	5.7	18,771,709	19,172,346	(400,636)	(2.1)	3.2652	3.0239	0.2413	8.0
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	46,624,731	5,065,587	41,559,144	820.4	769,195	124,195	645,000	519.4	6.0615	4.0787	1.9828	48.6
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)	11,348,103	878,561	10,469,542	1,191.7	225,009	21,828	203,181	930.8	5.0434	4.0250	1.0184	25.3
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	47,717,214	51,292,288	(3,575,075)	(7.0)	1,201,311	1,388,312	(187,001)	(13.5)	3.9721	3.6946	0.2775	7.5
9 TOTAL COST OF PURCHASED POWER	105,690,047	57,236,436	48,453,611	84.7	2,195,515	1,534,334	661,180	43.1	4.8139	3.7304	1.0835	29.1
10 TOTAL AVAILABLE MWH					20,967,224	20,706,680	260,544	1.3				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,662,554)	(3,913,333)	1,250,779	(32.0)	(131,595)	(113,569)	(18,026)	15.9	2.0233	3.4458	(1.4225)	(41.3)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(644,262)	(992,304)	348,042	(35.1)	(131,595)	(113,569)	(18,026)	15.9	0.4896	0.8737	(0.3841)	(44.0)
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	(29,626,998)	(16,213,498)	(13,413,501)	82.7	(1,133,655)	(779,892)	(353,763)	45.4	2.6134	2.0789	0.5345	25.7
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(32,933,814)	(21,119,135)	(11,814,679)	55.9	(1,265,250)	(893,462)	(371,789)	41.6	2.6029	2.3637	0.2392	10.1
14 NET INADVERTENT AND WHEELED INTERCHANGE					107,511	0	107,511					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	685,683,562	615,873,551	69,810,011	11.3	19,809,485	19,813,218	(3,734)	(0.0)	3.4614	3.1084	0.3530	11.4
16 NET UNBILLED	4,861,661	22,846,421	(17,984,760)	(78.7)	(123,491)	(799,910)	676,419	(84.6)	0.0265	0.1288	(0.1023)	(79.4)
17 COMPANY USE	2,967,737	2,760,974	206,763	7.5	(84,462)	(87,753)	3,291	(3.8)	0.0162	0.0156	0.0006	3.9
18 T & D LOSSES	42,502,712	36,944,407	5,558,305	15.1	(1,240,689)	(1,188,518)	(52,171)	4.4	0.2315	0.2083	0.0232	11.1
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	685,683,562	615,873,551	69,810,011	11.3	18,360,843	17,737,037	623,805	3.5	3.7345	3.4722	0.2623	7.6
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,471,018)	(244,604)	(1,226,413)	501.4	(39,122)	(7,053)	(32,069)	454.7	3.7601	3.4682	0.2919	8.4
21 JURISDICTIONAL KWH SALES	684,212,544	615,628,947	68,583,597	11.1	18,321,720	17,729,985	591,736	3.3	3.7344	3.4722	0.2622	7.6
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	684,406,963	615,819,792	68,587,171	11.1	18,321,720	17,729,985	591,736	3.3	3.7355	3.4733	0.2622	7.6
23 PRIOR PERIOD TRUE-UP	(30,541,712)	(30,541,710)	(2)	0.0	18,321,720	17,729,985	591,736	3.3	(0.1667)	(0.1723)	0.0056	(3.3)
24 TOTAL JURISDICTIONAL FUEL COST	653,865,251	585,278,082	68,587,169	11.7	18,321,720	17,729,985	591,736	3.3	3.5688	3.3010	0.2678	8.1
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.5714	3.3034	0.2680	8.1
27 GPIF	2,203,856	2,203,854			18,321,720	17,729,985			0.0120	0.0124	(0.0004)	103.3
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.583	3.316	0.268	8.1

*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
JUNE 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	\$123,000,789	111,433,201	\$11,567,588	10.4	\$604,175,144	\$573,060,843	\$31,114,301	5.4
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(572,616)	(681,635)	109,019	(16.0)	(2,662,554)	(3,913,333)	1,250,779	(32.0)
2a. GAIN ON POWER SALES	(78,760)	(172,842)	94,082	(54.4)	(644,262)	(992,304)	348,042	(35.1)
3 . FUEL COST OF PURCHASED POWER	13,023,594	558,910	12,464,684	2,230.2	46,624,731	5,065,587	41,559,144	820.4
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	9,152,559	9,022,105	130,454	1.5	47,717,214	51,292,288	(3,575,075)	(7.0)
4 . ENERGY COST OF ECONOMY PURCHASES	3,333,096	205,130	3,127,966	1,524.9	11,348,103	878,561	10,469,542	1,191.7
5 . TOTAL FUEL & NET POWER TRANSACTIONS	147,858,663	120,364,869	27,493,794	22.8	706,558,376	625,391,642	81,166,733	13.0
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(8,339,596)	(4,142,776)	(4,196,820)	101.3	(29,626,998)	(16,213,498)	(13,413,501)	82.7
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	3,040,212	1,107,127	1,933,085	174.6	8,752,184	6,695,406	2,056,778	30.7
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$142,559,279	\$117,329,220	\$25,230,059	21.5	\$685,683,562	\$615,873,551	\$69,810,011	11.3
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)	520	0	520		1,220	0	1,220	
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0		0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0		0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	1,936,195	0	1,936,195		1,936,195	0	1,936,195	
FPD AGREEMENT TERMINATION	1,103,497	0	1,103,497		6,653,372	0	6,653,372	
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	\$3,040,212	\$0	\$3,040,212		\$8,752,184	\$0	\$8,752,184	
** Adjustment to correct 2019 customer gain on non-separate wholesale sales.								
B. KWH SALES								
1 . JURISDICTIONAL SALES	3,692,154,311	3,618,140,078	74,014,233	2.1	18,321,719,807	17,729,984,651	591,735,156	3.3
2 . NON JURISDICTIONAL (WHOLESALE) SALES	19,329,836	2,292,800	17,037,036	743.1	39,122,251	7,052,800	32,069,451	454.7
3 . TOTAL SALES	3,711,484,147	3,620,432,878	91,051,269	2.5	18,360,842,058	17,737,037,451	623,804,607	3.5
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.48	99.94	(0.46)	(0.5)	99.79	99.96	(0.17)	(0.2)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$114,558,977	\$111,720,090	\$2,838,887	2.5	\$559,112,646	\$547,462,353	\$11,650,293	2.1
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	30,541,712	30,541,710	2	0.0
2b. INCENTIVE PROVISION	(367,309)	(367,309)	(0)	0.0	(2,203,856)	(2,203,854)	(2)	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	119,281,953	116,443,066	2,838,887	2.4	587,450,502	575,800,209	11,650,293	2.0
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	142,559,279	117,329,220	25,230,059	21.5	685,683,562	615,873,551	69,810,011	11.3
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.48	99.94	(0.46)	(0.5)	99.79	99.96	(0.17)	(0.2)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	141,857,680	117,295,173	24,562,507	20.9	684,406,963	615,819,792	68,587,171	11.1
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(22,575,727)	(852,107)	(21,723,620)	2,549.4	(96,956,461)	(40,019,583)	(56,936,878)	142.3
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(4,605)	(516)	(4,088)	791.9	(9,427)	12,918	(22,344)	(173.0)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(78,257,396)	(3,522,044)	(74,735,352)	2,121.9	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	(30,541,712)	(30,541,710)	(2)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(105,928,013)	(9,464,952)	(96,463,061)	1,019.2	(105,928,013)	(9,464,952)	(96,463,061)	1,019.2
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$105,928,013)	(9,464,952)	(96,463,061)	1,019.2	(\$105,928,013)	(9,464,952)	(96,463,061)	1,019.2
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$78,257,396)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(105,923,408)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(184,180,804)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(92,090,402)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.040	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.080	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.120	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.060	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.005	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$4,605)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 6/1/2021 to 6/1/2021

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	1,794,206	975,912	818,294	83.8 %
3 - COAL	18,794,594	17,457,382	1,337,212	7.7 %
4 - GAS	102,411,989	92,999,907	9,412,082	10.1 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	123,000,789	111,433,201	11,567,588	10.4 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	3,701	4,455	(754)	(16.9 %)
11 - COAL	632,931	617,188	15,743	2.6 %
12 - GAS	3,160,451	3,311,831	(151,380)	(4.6 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	86,460	121,941	(35,481)	(29.1 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,883,543	4,055,415	(171,872)	(4.2 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	14,642	9,065	5,577	61.5 %
19 - COAL (TON)	294,422	278,254	16,168	5.8 %
20 - GAS (MCF)	23,855,826	23,882,959	(27,133)	(0.1 %)
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	83,960	52,823	31,137	58.9 %
26 - COAL	6,611,540	6,453,662	157,878	2.4 %
27 - GAS	24,445,185	23,882,959	562,226	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)	31,140,686	30,389,444	751,242	2.5 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.11	(0.0)	(13.3 %)
34 - COAL	16.3	15.22	1.1	7.1 %
35 - GAS	81.4	81.66	(0.3)	(0.3 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.2	3.01	(0.8)	(26.0 %)
38	0	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 : 6/1/2021 to 6/1/2021

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.00 %
41 - LIGHT OIL (\$/BBL)	122.54	107.66	14.88	13.8 %
42 - COAL (\$/TON)	63.84	62.74	1.10	1.7 %
43 - GAS (\$/MCF)	4.29	3.89	0.40	10.2 %
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	21.37	18.48	2.89	15.7 %
49 - COAL	2.84	2.71	0.14	5.1 %
50 - GAS	4.19	3.89	0.30	7.6 %
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)	3.95	3.67	0.28	7.7 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	22,688	11,857	10,831	91.3 %
57 - COAL	10,446	10,457	(11)	(0.1 %)
58 - GAS	7,735	7,211	523	7.3 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	8,019	7,494	525	7.0 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	48.48	21.91	26.58	121.3 %
65 - COAL	2.97	2.83	0.14	5.0 %
66 - GAS	3.24	2.81	0.43	15.4 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	3.17	2.75	0.42	15.3 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 6/1/2021

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	14,411,819	5,225,262	9,186,557	175.8 %
3 - COAL	93,157,074	96,293,643	(3,136,569)	(3.3 %)
4 - GAS	496,606,251	471,541,938	25,064,313	5.3 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	604,175,144	573,060,843	31,114,301	5.4 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	41,156	20,075	21,081	105.0 %
11 - COAL	2,914,608	3,308,719	(394,111)	(11.9 %)
12 - GAS	15,337,361	15,171,994	165,367	1.1 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	478,584	671,558	(192,974)	(28.7 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	18,771,709	19,172,346	(400,637)	(2.1 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	126,145	45,664	80,481	176.2 %
19 - COAL (TON)	1,348,104	1,464,520	(116,416)	(7.9 %)
20 - GAS (MCF)	113,100,691	106,614,872	6,485,819	6.1 %
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	723,732	266,033	457,699	172.0 %
26 - COAL	30,017,341	34,208,792	(4,191,451)	(12.3 %)
27 - GAS	115,919,956	106,614,872	9,305,084	8.7 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	146,661,029	141,089,697	5,571,332	3.9 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.2	0.10	0.1	109.4 %
34 - COAL	15.5	17.26	(1.7)	(10.0 %)
35 - GAS	81.7	79.13	2.6	3.2 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.5	3.50	(1.0)	(27.2 %)
38	0	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 6/1/2021

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.00 %
41 - LIGHT OIL (\$/BBL)	114.25	114.43	(0.18)	(0.2 %)
42 - COAL (\$/TON)	69.10	65.75	3.35	5.1 %
43 - GAS (\$/MCF)	4.39	4.42	(0.03)	(0.7 %)
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	19.91	19.64	0.27	1.4 %
49 - COAL	3.10	2.81	0.29	10.3 %
50 - GAS	4.28	4.42	(0.14)	(3.1 %)
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)	4.12	4.06	0.06	1.4 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	17,585	13,252	4,333	32.7 %
57 - COAL	10,299	10,339	(40)	(0.4 %)
58 - GAS	7,558	7,027	531	7.6 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,813	7,359	454	6.2 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	35.02	26.03	8.99	34.5 %
65 - COAL	3.20	2.91	0.29	9.8 %
66 - GAS	3.24	3.11	0.13	4.2 %
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)	3.22	2.99	0.23	7.7 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 6/1/2021 to 6/1/2021

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	13,735.00	25			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	10,151.00	19			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	12,813.00	24			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	7,230.00	22			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	316.00	11			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	416.00	12			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	13,920.00	26			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,360.00	21			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	14,173.00	26			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	12,317.00	23			0				0	0	0.000	
St. Pete Pier	0.35	28.92	11			0				0	0	0.000	
TOTAL Solar	512	86,459.92				0				0	0	0.000	
Steam													
Anclote													
		159,108.00					Gas	1,670,990	1.026	1,714,436	7,390,699	4.645	4.423
TOTAL UNIT 1	521	159,108.00	42			10,775				1,714,436	7,390,699	4.645	
		144,700.00					Gas	1,589,096	1.026	1,630,412	7,028,486	4.857	4.423
TOTAL UNIT 2	514	144,700.00	39			11,268				1,630,412	7,028,486	4.857	
Crystal River 4 & 5													
		320,470.00					Coal	148,732	22.456	3,339,926	9,494,391	2.963	63.836
		0.00					No 2	3,215	5.728	18,415	459,541	0.000	142.937
TOTAL UNIT 4	721	320,470.00	62			10,479				3,358,341	9,953,932	3.106	
		312,461.00					Coal	145,690	22.456	3,271,615	9,300,203	2.976	63.836
		0.00					No 2	2,377	5.728	13,615	339,760	0.000	142.937
TOTAL UNIT 5	721	312,461.00	60			10,514				3,285,230	9,639,963	3.085	
TOTAL Steam	2,477	936,739.00				10,663				9,988,418	34,013,080	4.000	
Gas Turbine													
Bartow Combined Cycle													
		459,979.00					Gas	3,349,794	1.022	3,423,489	13,527,441	2.941	4.038
TOTAL BCC	1,062	459,979.00	60			7,443				3,423,489	13,527,441	2.941	
Bartow Peaker													
		786.94					No 2	2,092	5.712	11,950	217,612	27.653	104.021
		5,163.06					Gas	76,488	1.025	78,400	338,004	6.547	4.419
TOTAL BAP	223	5,950.00	4			15,185				90,350	555,616	9.338	
Bayboro Peaker													
		472.00					No 2	1,135	5.712	6,483	144,316	30.575	127.150
TOTAL BYP	229	472.00	0			13,735				6,483	144,316	30.575	

A-4 System Net Generation and Fuel Cost Report

Report Period : 6/1/2021 to 6/1/2021

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 (\$)
Citrus County													
TOTAL CCCC	1,884	945,568.00	70			6,723	Gas	6,189,964	1.027	6,357,093	31,815,669	3.365	5.140
Debarry Peaker													
		1,633.54					No 2	3,917	5.768	22,592	447,213	27.377	114.172
		22,385.46					Gas	301,166	1.028	309,599	1,334,946	5.963	4.433
TOTAL DEP	707	24,019.00	5			13,830				332,191	1,782,159	7.420	
Hines Energy													
TOTAL HEP	2,167	903,616.00	58			7,362	Gas	6,502,733	1.023	6,652,296	23,988,449	2.655	3.689
Intercession City Peaker													
		736.67					No 2	1,731	5.712	9,887	169,669	23.032	98.018
		47,507.33					Gas	620,874	1.027	637,638	2,546,367	5.360	4.101
TOTAL ICP	1,037	48,244.00	6			13,422				647,525	2,716,035	5.630	
Osprey													
TOTAL OSP	569	287,495.00	70			7,300	Gas	2,047,570	1.025	2,098,759	8,299,693	2.887	4.053
Suwannee Peaker													
		71.16					No 2	175	5.817	1,018	16,094	22.618	91.968
		7,456.74					Gas	103,972	1.026	106,675	459,843	6.167	4.423
TOTAL SRP	203	7,528.00	5			14,306				107,693	475,937	6.322	
Tiger Bay Cogen													
TOTAL TBP	224	143,644.00	89			7,772	Gas	1,091,364	1.023	1,116,465	4,401,245	3.064	4.033
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		33,829.10					Gas	311,815	1.026	319,922	1,281,149	3.787	4.109
TOTAL UFP	50	33,829.00	94			9,457				319,922	1,281,149	3.787	
TOTAL Gas Turbine	8,355	2,860,344.00				7,395				21,152,267	88,987,709	3.111	
SYSTEM TOTAL	11,344	3,883,542.92				8,019				31,140,686	123,000,789	3.167	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 6/1/2021

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	88,198.00	27			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	69,869.00	22			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	81,575.00	25			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	53,123.00	27			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	2,978.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	3,410.00	16			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	66,162.00	20			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	8,632.00	22			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	89,423.00	27			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	14,998.00	5			0				0	0	0.000	
St. Pete Pier													
TOTAL Solar	512	478,583.76				0				0	0	0.000	
Steam													
Anclote													
		326,808.00					Gas	3,555,617	1.026	3,647,097	16,759,060	5.128	4.713
TOTAL UNIT 1	521	326,808.00	14			11,160				3,647,097	16,759,060	5.128	
		493,997.00					Gas	5,551,485	1.027	5,699,270	27,064,012	5.479	4.875
TOTAL UNIT 2	514	493,997.00	22			11,537				5,699,270	27,064,012	5.479	
Crystal River 4 & 5													
		1,017,535.00					Coal	474,796	22.257	10,567,399	31,902,939	3.135	67.193
		0.00					No 2	12,266	5.722	70,189	1,646,562	0.000	134.238
TOTAL UNIT 4	721	1,017,535.00	32			10,454				10,637,588	33,549,502	3.297	
		1,897,073.00					Coal	873,308	22.272	19,449,942	61,254,135	3.229	70.140
		0.00					No 2	13,473	5.721	77,075	1,950,686	0.000	144.785
TOTAL UNIT 5	721	1,897,073.00	61			10,293				19,527,017	63,204,821	3.332	
TOTAL Steam	2,477	3,735,413.00				10,577				39,510,973	140,577,394	4.000	
Gas Turbine													
Bartow Combined Cycle													
		2,858,429.00					Gas	21,213,383	1.022	21,675,393	85,126,844	2.978	4.013
TOTAL BCC	1,259	2,858,429.00	52			7,583				21,675,393	85,126,844	2.978	
Bartow Peaker													
		6,141.50					No 2	15,996	5.712	91,369	1,664,101	27.096	104.032
		12,706.50					Gas	184,415	1.025	189,039	882,297	6.944	4.784
TOTAL BAP	223	18,848.00	2			14,877				280,408	2,546,398	13.510	
Bayboro Peaker													
		1,506.00					No 2	4,232	5.712	24,173	561,038	37.254	132.571
TOTAL BYP	238	1,506.00	0			16,051				24,173	561,038	37.254	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 6/1/2021

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	4,841,179.00	59			6,786	Gas	31,946,755	1.028	32,850,471	158,611,874	3.276	4.965
Debarry Peaker													
		18,912.27					No 2	45,525	5.768	262,578	5,197,931	27.484	114.178
		73,985.73					Gas	999,859	1.027	1,027,218	4,896,346	6.618	4.897
TOTAL DEP	707	92,898.00	3			13,884				1,289,796	10,094,277	10.866	
Hines Energy													
TOTAL HEP	2,167	4,697,333.00	50			7,253	Gas	33,287,191	1.024	34,070,910	136,508,969	2.906	4.101
Intercession City Peaker													
		13,000.09					No 2	30,755	5.712	175,673	3,033,011	23.331	98.618
		176,831.31					Gas	2,327,055	1.027	2,389,557	9,489,836	5.367	4.078
TOTAL ICP	1,198	189,831.00	4			13,513				2,565,229	12,522,846	6.597	
Osprey													
TOTAL OSP	569	1,156,784.00	47			7,254	Gas	8,199,322	1.023	8,391,144	32,444,363	2.805	3.957
Suwannee Peaker													
		1,596.38					No 2	3,898	5.817	22,675	358,490	22.456	91.968
		23,862.82					Gas	329,783	1.028	338,944	1,617,263	6.777	4.904
TOTAL SRP	203	25,459.00	3			14,204				361,618	1,975,753	7.760	
Tiger Bay Cogen													
TOTAL TBP	224	500,097.00	51			7,741	Gas	3,782,009	1.024	3,871,142	15,327,743	3.065	4.053
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		175,347.60					Gas	1,723,817	1.027	1,769,771	7,877,644	4.493	4.570
		175,348.00	81			10,093				1,769,771	7,877,644	4.493	
TOTAL Gas Turbine	8,722	14,557,712.00				7,360				107,150,056	463,588,741	3.184	
SYSTEM TOTAL	11,711	18,771,708.96				7,813				146,661,029	604,175,144	3.219	

A-5 System Generation Fuel Cost Report

Report Period : 6/1/2021 to 6/1/2021

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)	5,841	9,065	(3,224)	(35.6%)
20 - UNIT COST (\$/BBL)	124.01	107.66	16.35	15.2%
21 - AMOUNT (\$)	724,328	975,912	(251,584)	(25.8%)
22 - BURNED				
23 - UNITS (BBL)	14,642	9,065	5,577	61.5%
24 - UNIT COST (\$/BBL)	122.54	107.66	14.88	13.8%
25 - AMOUNT (\$)	1,794,206	975,912	818,294	83.8%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	440,805	586,874	(146,069)	(24.9%)
31 - UNIT COST (\$/BBL)	109.75	108.36	1.40	1.3%
32 - AMOUNT (\$)	48,379,795	63,592,212	(15,212,417)	(23.9%)
33 -				
34 - DAYS SUPPLY	903	1,942	(1,039)	(53.5%)

A-5 System Generation Fuel Cost Report

Report Period : 6/1/2021 to 6/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	245,639	278,254	(32,615)	(11.7%)
37 - UNIT COST (\$/TON)	58.23	62.74	(4.51)	(7.2%)
38 - AMOUNT (\$)	14,303,780	17,457,382	(3,153,602)	(18.1%)
39 - BURNED				
40 - UNITS (TON)	294,422	278,254	16,168	5.8%
41 - UNIT COST (\$/TON)	63.84	62.74	1.10	1.7%
42 - AMOUNT (\$)	18,794,594	17,457,382	1,337,212	7.7%
43 - ADJUSTMENTS				
44 - UNITS (TON)	(26,652)			
45 - AMOUNT (\$)	(1,936,195)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	387,546	520,729	(133,183)	(25.6%)
48 - UNIT COST (\$/TON)	63.23	86.03	(22.80)	(26.5%)
49 - AMOUNT (\$)	24,504,326	44,798,943	(20,294,617)	(45.3%)
50 -				
51 - DAYS SUPPLY	39	56	(17)	(29.7%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	23,855,826	23,882,959	(27,133)	(0.1%)
54 - UNIT COST (\$/MCF)	4.29	3.89	0.40	10.2%
55 - AMOUNT (\$)	102,411,989	92,999,907	9,412,082	10.1%
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 6/1/2021

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)	33,739	45,664	(11,925)	(26.1%)
20 - UNIT COST (\$/BBL)	145.50	114.43	31.07	27.2%
21 - AMOUNT (\$)	4,908,975	5,225,262	(316,287)	(6.1%)
22 - BURNED				
23 - UNITS (BBL)	126,145	45,664	80,481	176.2%
24 - UNIT COST (\$/BBL)	114.25	114.43	(0.18)	(0.2%)
25 - AMOUNT (\$)	14,411,819	5,225,262	9,186,557	175.8%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	440,805	586,874	(146,069)	(24.9%)
31 - UNIT COST (\$/BBL)	109.75	108.36	1.40	1.3%
32 - AMOUNT (\$)	48,379,795	63,592,212	(15,212,417)	(23.9%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2021 to 6/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,208,165	1,464,520	(256,355)	(17.5%)
37 - UNIT COST (\$/TON)	65.83	65.75	0.08	0.1%
38 - AMOUNT (\$)	79,539,070	96,293,643	(16,754,573)	(17.4%)
39 - BURNED				
40 - UNITS (TON)	1,348,104	1,464,520	(116,416)	(7.9%)
41 - UNIT COST (\$/TON)	69.10	65.75	3.35	5.1%
42 - AMOUNT (\$)	93,157,074	96,293,643	(3,136,569)	(3.3%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	(26,652)			
45 - AMOUNT (\$)	(1,936,195)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	387,546	520,729	(133,183)	(25.6%)
48 - UNIT COST (\$/TON)	63.23	86.03	(22.80)	(26.5%)
49 - AMOUNT (\$)	24,504,326	44,798,943	(20,294,617)	(45.3%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	113,100,691	106,614,872	6,485,819	6.1%
54 - UNIT COST (\$/MCF)	4.39	4.42	(0.03)	(0.7%)
55 - AMOUNT (\$)	496,606,251	471,541,938	25,064,313	5.3%
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

ATTACHMENT #1
 SCHEDULE A-5
 June 2021

HEAVY OIL		
UNITS	AMOUNT	
0	0	TOTAL

LIGHT OIL		
UNITS	AMOUNT	
0	\$ -	TOTAL

COAL		
UNITS	AMOUNT	
(26,652)	\$ (1,936,195.00)	Aerial Survey adjustment
(26,652)	\$ (1,936,195.00)	TOTAL

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
June 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		18,305		18,305	3.724	4.668	681,635.00	854,477	172,842.00
ACTUAL									
Florida Municipal Power Agency	CR-1	300		300	3.053	3.468	9,159.00	10,403.00	1,244.00
Reedy Creek Improvement District	CR-1	4,510		4,510	2.040	2.268	92,003.80	102,281.10	10,277.30
The Energy Authority	Schedule OS	22,400		22,400	2.105	2.286	471,453.20	511,976.40	40,523.20
Adjustments									
Tampa Electric Company	Transmission							26,613.07	26,613.07
PJM Settlements								102.34	102.34
Subtotal - Gain on Other Power Sales		27,210	-	27,210	2.104	2.394	572,616.00	651,375.91	78,759.91
CURRENT MONTH TOTAL		27,210		27,210	2.104	2.394	572,616.00	651,375.91	78,759.91
D FFERENCE		8,905		8,905	(1.619)	(2.274)	(109,019.00)	(203,101.09)	(94,082.09)
D FFERENCE %		48.65		48.65	(43.49)	(48.72)	(15.99)	(23.77)	(54.43)
CUMULATIVE ACTUAL		131,595		131,595	2.023	2.513	2,662,554.04	3,306,815.79	644,261.75
CUMULATIVE EST MATED		113,569		113,569	3.446	4.320	3,913,333.00	4,905,637.00	992,304.00
D FFERENCE		18,026		18,026	-1.422	(1.807)	(1,250,778.96)	(1,598,821.21)	(348,042.25)
D FFERENCE %		15.87		15.87	(41.28)	(41.83)	(31.96)	(32.59)	(35.07)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
JUNE, 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		10,969			10,969	5.096	5.096	558,910.00	558,910.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	43,844			43,844	6.629	6.629	2,906,445.04	2,906,445.04
Southern Power Company	Franklin	-			-	-	-	-	-
Vandolah Power Co. LLC (Northern Star)	TOLL	163,542			163,542	5.771	5.771	9,438,745.16	9,438,745.16
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL	816			816	2.206	2.206	18,002.54	18,002.54
Southern Power Company	Franklin	1,850			1,850	24.909	24.909	460,823.97	460,823.97
Vandolah Power Co. LLC (Northern Star)	TOLL	2,854			2,854	6.993	6.993	199,577.52	199,577.52
CURRENT MONTH TOTAL		212,906			212,906	6.117	6.117	13,023,594.23	13,023,594.23
DIFFERENCE		201,938			201,938	1.021	1.021	12,464,684.23	12,464,684.23
DIFFERENCE %		1,841			1,841	20.046	20.046	2,230.18	2,230.18
CUMULATIVE ACTUAL		769,195			769,195	6.061	6.061	46,624,730.61	46,624,730.61
CUMULATIVE ESTIMATED		124,195			124,195	4.079	4.079	5,065,587.00	5,065,587.00
DIFFERENCE		645,000			645,000	1.983	1.983	41,559,143.61	41,559,143.61
DIFFERENCE %		519			519	48.612	48.612	820.42	820.42

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF
JUNE, 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		239,975	-	-	239,975	3.760	15.692	9,022,105.20
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	- (0)			- (0)	-	-	- (0.21)
Lake County (LAKCOUNT) ADJ	CO-GEN	122			122	2.904	2.904	3,542.34 1,786.12
Lee County (LEECOGAS) ADJ	CO-GEN	12			12	4	4.224	506.84 224.49
Metro-Dade County (METRDDAS) ADJ	CO-GEN	-			-	-	-	- 217.56
Orange Coagen (ORANGEAS) ADJ	CO-GEN	534			534	2.260	2.260	12,069.63 306.80
Orange Coagen (ORANGECO) ADJ	CO-GEN	33,431			33,431	3.955	22.523	1,322,030.63 18,762.69
Orlando Coagen Limited (ORLACOGL) ADJ	CO-GEN	86,077			86,077	5.352	12.595	4,607,111.46 8,012.77
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	16,456			16,456	2.658	16.752	437,460.80 34,836.16
PCS Phosphate (OCSWF CRK) ADJ	CO-GEN	20 (56)			20 (56)	3.180	3.180	646.88 (1,057.92)
Pinellas County Resource Recovery (P NCOUNT) ADJ	CO-GEN	37,999			37,999	2.647	17.211	1,005,879.91 96,225.16
Polk Power Partners L.P. (MULBERRY) ADJ	CO-GEN	36,862			36,862	3.389	27.406	1,249,363.25 354,634.04
CURRENT MONTH TOTAL		211,457			211,457	4.328	17.870	9,152,559.41
DIFFERENCE		(28,518)			(28,518)	0.569	2.178	130,454.21
DIFFERENCE %		(11.88)			(11.88)	15.13	13.88	1.45
CUMULATIVE ACTUAL		1,201,310			1,201,310	3.972	18.273	47,717,213.73
CUMULATIVE ESTIMATED		1,388,312			1,388,312	3.695	16.070	51,292,288.39
CUMULATIVE DIFFERENCE		(187,002)			(187,002)	0.278	2.203	(3,575,074.66)
CUMULATIVE DIFFERENCE %		(13.5)			(13.5)	7.51	13.71	(6.97)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF
JUNE, 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		4,573	4.486	205,130 00	5.033	230,145 00	25,015.00
ACTUAL							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	3,763		135,664.42		135,664.42	
Exelon Generation Company, LLC	InternationalSwapsDe	16,176	4 625	748,196 00	7.789	1,259,917.43	511,721.43
Florida Power & Light Company Transmission	Transmission Purchase	-	0 000	19,154 08	0.000	-	(19,154.08)
Florida Power & Light Company		34,150	4.115	1,405,250 00	6.049	2,065,595 00	660,345.00
Jacksonville Electric Authority	Transmission Purchase	-	0 000	1,536 00	0.000	-	(1,536.00)
Macquarie Energy LLC		4,793	3 950	189,318 00	5.664	271,481 38	82,163.38
Morgan Stanley Capital Group Inc.	EEl	255	4 900	12,495 00	5.321	13,569 06	1,074.06
Orlando Utilities Commission	Schedule OS	475	4.113	19,537 50	4.925	23,393 25	3,855.75
Rainbow Energy Marketing Corporation		5,815	4.182	243,180 00	6.653	386,896 36	143,716.36
Southern Company Services, Inc.	EEl	9,451	5 048	477,133 00	6.979	659,583.73	182,450.73
Southern Company Services, Inc.	Transmission Purchase			2,060 61			(2,060.61)
Tampa Electric Company	EEl2	2,090	4 089	85,465 00	6.242	130,466 50	45,001.50
The Energy Authority	EEl	35	2.143	750 00	4.138	1,448.40	698.40
ADJUSTMENTS							
SEPA	Hydro			(742 91)		(742 91)	
Dominion Energy South Carolina, Inc.				200 00			(200.00)
Jacksonville Electric Authority				6,249.48			(6,249.48)
PJM Settlements				27 94			(27.94)
Duke Electric Transmission				(12,376 00)			12,376.00
Southern Company Services, Inc.	Transmission Purchase			(0 51)			0.51
Florida Florida & Light Company				(1 30)			(1.30)
SubTotal - Energy Purchases (Non-Broker)		77,003	4 329	3,333,096 31	6.425	4,947,272 62	1,614,173.71
CURRENT MONTH TOTAL		77,003	4 329	3,333,096 31	6.425	4,947,272 62	1,614,173.71
D FFERENCE		72,430	(0.157)	3,127,966 31	1.392	4,717,127 62	1,589,158.71
D FFERENCE %		1,584	(3 503)	1,524 87	27.661	2,049 63	6,352.82
CUMULATIVE ACTUAL		225,009	5 043	11,348,103.11	6.470	14,557,155.13	3,209,049.42
CUMULATIVE EST MATED		21,827	4 025	878,561 00	4.516	985,678 00	107,117.00
D FFERENCE		203,181	1 018	10,469,542.11	1.954	13,571,477.13	3,101,932.42
D FFERENCE %		931	25 301	1,191 67	43.266	1,376 87	2,895.84

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							37,133,263
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							37,355,599
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							13,706,160
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							32,626,620
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							50,989,337
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	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)							18,093,003
8 Retail Wheeling				0	(19,418)	(4,147)	(1,634)	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							40,296,216
10 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320							3,439,918
11 Vandolah Capacity Purchase	PPA		June 2012 - May 2027	3,033,279	2,968,686	2,017,074	1,998,157	2,873,617	5,948,748							18,839,561
12 Capacity Sales and Purchases	Other	-1	on-going no term date	(5,587)	0	0	0	0	225,736							220,149
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							12,547,440
14 RidgeGen Agreement Termination				670,785	667,189	656,848	657,880	654,349	650,819							3,957,870
15 Hamilton SoBRA True-Up				0	0	0	0	0	0							0
16 Columbia SoBRA True-Up				0	0	0	0	0	0							0
17 Lake Placid SoBRA True-Up				0	0	0	0	0	0							0
18 Trenton SoBRA True-Up				0	0	0	0	0	0							0
19 Debary SoBRA True-Up				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)							(1,396,656)
TOTAL				46,192,158	46,281,305	43,252,129	42,065,174	44,334,473	45,658,041	0	0	0	0	0	0	267,783,279