



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

April 19, 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 March 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/cmck
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 19th day of April, 2021.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

MARCH 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)	92,086,502	91,133,661	952,841	1.1	2,821,411	2,862,863	(41,452)	(1.5)	3.2638	3.1833	0.0805	2.5
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,088,154	1,117,500	(29,346)	(2.6)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	93,174,656	92,251,161	923,495	1.0	2,821,411	2,862,863	(41,452)	(1.5)	3.3024	3.2223	0.0801	2.5
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	12,098,754	525,122	11,573,632	2,204.0	145,330	13,897	131,433	945.7	8.3250	3.7786	4.5464	120.3
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	1,048,067	155,108	892,959	575.7	25,317	4,188	21,129	504.5	4.1397	3.7036	0.4361	11.8
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	8,097,325	8,222,147	(124,822)	(1.5)	181,241	217,338	(36,097)	(16.6)	4.4677	3.7831	0.6846	18.1
9 TOTAL COST OF PURCHASED POWER	21,244,146	8,902,377	12,341,769	138.6	351,888	235,423	116,465	49.5	6.0372	3.7814	2.2558	59.7
10 TOTAL AVAILABLE MWH					3,173,299	3,098,286	75,013	2				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(486,390)	(373,060)	(113,330)	30.4	(28,341)	(12,357)	(15,984)	129.4	1.7162	3.0190	(1.3028)	(43.2)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(136,746)	(94,597)	(42,149)	44.6	(28,341)	(12,357)	(15,984)	129.4	0.4825	0.7655	(0.2830)	(37.0)
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	(1,879,924)	(2,531,345)	651,421	(25.7)	(84,579)	(114,533)	29,954	(26.2)	2.2227	2.2102	0.0125	0.6
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,503,060)	(2,999,002)	495,942	(16.5)	(112,920)	(126,889)	13,969	(11.0)	2.2167	2.3635	(0.1468)	(6.2)
14 NET INADVERTENT AND WHEELED INTERCHANGE					19,388	0	19,388					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	111,915,742	98,154,536	13,761,206	14.0	3,079,767	2,971,396	108,371	3.7	3.6339	3.3033	0.3306	10.0
16 NET UNBILLED	2,724,737	5,560,176	(2,835,439)	(51.0)	(74,981)	(168,321)	93,340	(55.5)	0.0941	0.2129	(0.1188)	(55.8)
17 COMPANY USE	714,766	440,688	274,078	62.2	(19,669)	(13,341)	(6,329)	47.4	0.0247	0.0169	0.0078	46.2
18 T & D LOSSES	3,273,783	5,888,915	(2,615,132)	(44.4)	(90,090)	(178,273)	88,183	(49.5)	0.1131	0.2255	(0.1124)	(49.8)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	111,915,742	98,154,536	13,761,206	14.0	2,895,027	2,611,461	283,565	10.9	3.8658	3.7586	0.1072	2.9
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(67,149)	(19,631)	(47,519)	242.1	(1,840)	(517)	(1,323)	256.0	3.6490	3.7978	(0.1488)	(3.9)
21 JURISDICTIONAL KWH SALES	111,848,592	98,134,905	13,713,687	14.0	2,893,187	2,610,944	282,242	10.8	3.8659	3.7586	0.1073	2.9
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	111,879,910	98,165,327	13,714,583	14.0	2,893,187	2,610,944	282,242	10.8	3.8670	3.7598	0.1072	2.9
23 PRIOR PERIOD TRUE-UP	(5,090,285)	(5,090,285)	(0)	0.0	2,893,187	2,610,944	282,242	10.8	(0.1759)	(0.1950)	0.0191	(9.8)
24 TOTAL JURISDICTIONAL FUEL COST	106,789,624	93,075,042	13,714,583	14.7	2,893,187	2,610,944	282,242	10.8	3.6911	3.5648	0.1263	3.5
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.6938	3.5674	0.1264	3.5
27 GPIF	367,309	367,309			2,893,187	2,610,944			0.0127	0.0141	(0.0014)	(9.9)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.707	3.582	0.125	3.5

*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 - MARCH 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)	272,885,979	273,042,064	(156,085)	(0.1)	8,395,735	8,469,828	(74,094)	(0.9)	3.2503	3.2237	0.0266	0.8
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	3,504,605	3,363,428	141,176	4.2	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	276,390,584	276,405,492	(14,908)	(0.0)	8,395,735	8,469,828	(74,094)	(0.9)	3.2920	3.2634	0.0286	0.9
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	16,795,660	1,313,984	15,481,676	1,178.2	243,366	31,647	211,719	669.0	6.9014	4.1520	2.7494	66.2
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	2,518,393	329,835	2,188,558	663.5	61,074	8,642	52,432	606.7	4.1235	3.8166	0.3069	8.0
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	22,946,722	24,977,958	(2,031,236)	(8.1)	592,293	677,628	(85,335)	(12.6)	3.8742	3.6861	0.1881	5.1
9 TOTAL COST OF PURCHASED POWER	42,260,776	26,621,777	15,638,999	58.8	896,733	717,917	178,816	24.9	4.7127	3.7082	1.0045	27.1
10 TOTAL AVAILABLE MWH					9,292,468	9,187,745	104,723	1.1				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,253,212)	(2,510,890)	1,257,678	(50.1)	(59,550)	(74,629)	15,079	(20.2)	2.1045	3.3645	(1.2600)	(37.5)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(366,173)	(636,687)	270,514	(42.5)	(59,550)	(74,629)	15,079	(20.2)	0.6149	0.8531	(0.2382)	(27.9)
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	(10,207,163)	(6,129,465)	(4,077,698)	66.5	(357,796)	(270,457)	(87,339)	32.3	2.8528	2.2663	0.5865	25.9
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(11,826,547)	(9,277,042)	(2,549,505)	27.5	(417,346)	(345,086)	(72,260)	20.9	2.8338	2.6883	0.1455	5.4
14 NET INADVERTENT AND WHEELED INTERCHANGE					56,748	0	56,748					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	306,824,813	293,750,227	13,074,585	4.5	8,931,870	8,842,659	89,210	1.0	3.4352	3.3220	0.1132	3.4
16 NET UNBILLED	(13,487,904)	(6,526,523)	(6,961,381)	106.7	402,467	195,201	207,266	106.2	(0.1580)	(0.0771)	(0.0809)	104.9
17 COMPANY USE	1,609,220	1,556,141	53,079	3.4	(45,414)	(46,822)	1,408	(3.0)	0.0188	0.0184	0.0004	2.2
18 T & D LOSSES	25,193,587	17,625,269	7,568,318	42.9	(750,078)	(530,567)	(219,511)	41.4	0.2950	0.2083	0.0867	41.6
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	306,824,813	293,750,227	13,074,585	4.5	8,538,845	8,460,471	78,374	0.9	3.5933	3.4720	0.1213	3.5
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(608,683)	(67,885)	(540,798)	796.6	(16,884)	(2,096)	(14,788)	705.4	3.6051	3.2383	0.3668	11.3
21 JURISDICTIONAL KWH SALES	306,216,130	293,682,342	12,533,788	4.3	8,521,961	8,458,375	63,586	0.8	3.5933	3.4721	0.1212	3.5
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	306,304,709	293,773,384	12,531,326	4.3	8,521,961	8,458,375	63,586	0.8	3.5943	3.4732	0.1211	3.5
23 PRIOR PERIOD TRUE-UP	(15,270,856)	(15,270,855)	(1)	0.0	8,521,961	8,458,375	63,586	0.8	(0.1792)	(0.1805)	0.0013	(0.7)
24 TOTAL JURISDICTIONAL FUEL COST	291,033,853	278,502,529	12,531,325	4.5	8,521,961	8,458,375	63,586	0.8	3.4151	3.2927	0.1224	3.7
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.4176	3.2951	0.1225	3.7
27 GPIF	1,101,928	1,101,927			8,521,961	8,458,375			0.0129	0.0130	(0.0001)	100.8
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.431	3.308	0.122	3.7

*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
MARCH 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	\$92,086,502	91,133,661	\$952,841	1.1	\$272,885,979	\$273,042,064	(\$156,085)	(0.1)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(486,390)	(373,060)	(113,330)	30.4	(1,253,212)	(2,510,890)	1,257,678	(50.1)
2a. GAIN ON POWER SALES	(136,746)	(94,597)	(42,149)	44.6	(366,173)	(636,687)	270,514	(42.5)
3 . FUEL COST OF PURCHASED POWER	12,098,754	525,122	11,573,632	2,204.0	16,795,660	1,313,984	15,481,676	1,178.2
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	8,097,325	8,222,147	(124,822)	(1.5)	22,946,722	24,977,958	(2,031,236)	(8.1)
4 . ENERGY COST OF ECONOMY PURCHASES	1,048,067	155,108	892,959	575.7	2,518,393	329,835	2,188,558	663.5
5 . TOTAL FUEL & NET POWER TRANSACTIONS	112,707,512	99,568,381	13,139,131	13.2	313,527,371	296,516,264	17,011,106	5.7
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,879,924)	(2,531,345)	651,421	(25.7)	(10,207,163)	(6,129,465)	(4,077,698)	66.5
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,088,154	1,117,500	(29,346)	(2.6)	3,504,605	3,363,428	141,176	4.2
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$111,915,742	\$98,154,536	\$13,761,206	14.0	\$306,824,813	\$293,750,227	\$13,074,585	4.5

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)	60	0	60	600	0	600	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	1,088,094	0	1,088,094	3,342,608	0	3,342,608	0
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	0	0	0	161,397	0	161,397	0
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	\$1,088,154	\$0	\$1,088,154	\$3,504,605	\$0	\$3,504,605	

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

B. KWH SALES

1 . JURISDICTIONAL SALES	2,893,186,288	2,610,944,479	282,241,809	10.8	8,521,960,631	8,458,374,738	63,585,893	0.8
2 . NON JURISDICTIONAL (WHOLESALE) SALES	1,840,192	516,900	1,323,292	256.0	16,883,954	2,096,300	14,787,654	705.4
3 . TOTAL SALES	2,895,026,480	2,611,461,379	283,565,101	10.9	8,538,844,585	8,460,471,038	78,373,547	0.9
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.94	99.98	(0.04)	(0.0)	99.80	99.98	(0.18)	(0.2)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$87,192,862	\$80,620,138	\$6,572,724	8.2	\$258,331,602	\$261,175,733	(\$2,844,131)	(1.1)
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	15,270,856	15,270,855	1	0.0
2b. INCENTIVE PROVISION	(367,309)	(367,309)	(0)	0.0	(1,101,928)	(1,101,927)	(1)	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	91,915,838	85,343,114	6,572,724	7.7	272,500,530	275,344,661	(2,844,131)	(1.0)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	111,915,742	98,154,536	13,761,206	14.0	306,824,813	293,750,227	13,074,585	4.5
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.94	99.98	(0.04)	(0.0)	99.80	99.98	(0.18)	(0.2)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	111,879,910	98,165,327	13,714,583	14.0	306,304,709	293,773,384	12,531,326	4.3
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(19,964,072)	(12,822,213)	(7,141,859)	55.7	(33,804,179)	(18,428,723)	(15,375,457)	83.4
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(1,197)	2,910	(4,107)	(141.1)	973	11,145	(10,173)	(91.3)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(2,438,921)	45,304,579	(47,743,500)	(105.4)	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	(15,270,856)	(15,270,855)	(1)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(27,494,476)	27,394,991	(54,889,467)	(200.4)	(27,494,476)	27,394,991	(54,889,467)	(200.4)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$27,494,476)	27,394,991	(54,889,467)	(200.4)	(\$27,494,476)	27,394,991	(54,889,467)	(200.4)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$2,438,921)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(27,493,278)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(29,932,199)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(14,966,100)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.090	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.110	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.200	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.100	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.008	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$1,197)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 3/1/2021 to 3/1/2021

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	1,343,139	762,635	580,504	76.1 %
3 - COAL	12,645,483	18,634,230	(5,988,747)	(32.1 %)
4 - GAS	78,097,880	71,736,796	6,361,084	8.9 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	92,086,502	91,133,661	952,841	1.0 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	3,562	2,444	1,118	45.8 %
11 - COAL	383,681	657,635	(273,954)	(41.7 %)
12 - GAS	2,350,235	2,083,837	266,398	12.8 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	83,932	118,947	(35,015)	(29.4 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,821,411	2,862,863	(41,452)	(1.4 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	13,345	6,337	7,008	110.6 %
19 - COAL (TON)	178,397	286,538	(108,141)	(37.7 %)
20 - GAS (MCF)	17,017,842	14,439,048	2,578,794	17.9 %
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	76,577	36,890	39,687	107.6 %
26 - COAL	3,972,188	6,686,088	(2,713,900)	(40.6 %)
27 - GAS	17,448,387	14,439,048	3,009,339	20.8 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	21,497,151	21,162,026	335,125	1.6 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.09	0.0	47.9 %
34 - COAL	13.6	22.97	(9.4)	(40.8 %)
35 - GAS	83.3	72.79	10.5	14.4 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	3.0	4.15	(1.2)	(28.4 %)
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 : 3/1/2021 to 3/1/2021

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	100.65	120.35	(19.70)	(16.4 %)
42 - COAL (\$/TON)	70.88	65.03	5.85	9.0 %
43 - GAS (\$/MCF)	4.59	4.97	(0.38)	(7.6 %)
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	17.54	20.67	(3.13)	(15.2 %)
49 - COAL	3.18	2.79	0.40	14.2 %
50 - GAS	4.48	4.97	(0.49)	(9.9 %)
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)	4.28	4.31	(0.02)	(0.5 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	21,497	15,094	6,403	42.4 %
57 - COAL	10,353	10,167	186	1.8 %
58 - GAS	7,424	6,929	495	7.1 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,619	7,392	227	3.1 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	37.70	31.20	6.50	20.8 %
65 - COAL	3.30	2.83	0.46	16.3 %
66 - GAS	3.32	3.44	(0.12)	(3.5 %)
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	3.26	3.18	0.08	2.5 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 3/1/2021

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	8,897,405	2,740,832	6,156,573	224.6 %
3 - COAL	34,257,750	53,728,341	(19,470,591)	(36.2 %)
4 - GAS	229,730,824	216,572,891	13,157,933	6.1 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	272,885,979	273,042,064	(156,085)	(0.1 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	29,713	10,669	19,044	178.5 %
11 - COAL	1,036,256	1,831,233	(794,977)	(43.4 %)
12 - GAS	7,145,876	6,343,247	802,629	12.7 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	183,890	284,680	(100,790)	(35.4 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	8,395,735	8,469,829	(74,094)	(0.9 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	80,424	23,817	56,607	237.7 %
19 - COAL (TON)	468,052	795,718	(327,666)	(41.2 %)
20 - GAS (MCF)	52,184,662	43,464,630	8,720,032	20.1 %
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	461,732	138,742	322,990	232.8 %
26 - COAL	10,427,533	18,671,696	(8,244,163)	(44.2 %)
27 - GAS	53,539,412	43,464,630	10,074,782	23.2 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	64,428,677	62,275,068	2,153,609	3.5 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.4	0.13	0.2	181.0 %
34 - COAL	12.3	21.62	(9.3)	(42.9 %)
35 - GAS	85.1	74.89	10.2	13.6 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.2	3.36	(1.2)	(34.8 %)
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 3/1/2021

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	110.63	115.08	(4.45)	(3.9 %)
42 - COAL (\$/TON)	73.19	67.52	5.67	8.4 %
43 - GAS (\$/MCF)	4.40	4.98	(0.58)	(11.6 %)
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	19.27	19.75	(0.49)	(2.5 %)
49 - COAL	3.29	2.88	0.41	14.2 %
50 - GAS	4.29	4.98	(0.69)	(13.9 %)
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)	4.24	4.38	(0.15)	(3.4 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	15,540	13,004	2,535	19.5 %
57 - COAL	10,063	10,196	(134)	(1.3 %)
58 - GAS	7,492	6,852	640	9.3 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,674	7,353	321	4.4 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	29.94	25.69	4.25	16.6 %
65 - COAL	3.31	2.93	0.37	12.7 %
66 - GAS	3.21	3.41	(0.20)	(5.8 %)
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)	3.25	3.22	0.03	0.8 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 3/1/2021 to 3/1/2021

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	15,388.00	28			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	11,048.00	20			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	14,673.00	26			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	9,627.00	29			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	619.00	21			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	815.00	22			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	13,969.00	25			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,617.00	24			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	15,450.00	28			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	687.00	1			0				0	0	0.000	
St. Pete Pier	0.35	39.24	15			0				0	0	0.000	
TOTAL Solar	512	83,932.24				0				0	0	0.000	
Steam													
Anclote													
		9,906.00					Gas	115,367	1.027	118,482	639,267	6.453	5.541
TOTAL UNIT 1	521	9,906.00	3			11,961				118,482	639,267	6.453	
		36,128.00					Gas	402,372	1.027	413,236	2,229,607	6.171	5.541
TOTAL UNIT 2	514	36,128.00	9			11,438				413,236	2,229,607	6.171	
Crystal River 4 & 5													
		41,724.00					Coal	23,104	22.266	514,434	1,637,703	3.925	70.884
		0.00					No 2	2,701	5.741	15,507	227,529	0.000	84.239
TOTAL UNIT 4	721	41,724.00	8			12,701				529,940	1,865,232	4.470	
		341,957.00					Coal	155,293	22.266	3,457,754	11,007,780	3.219	70.884
		0.00					No 2	1,496	5.741	8,589	126,021	0.000	84.239
TOTAL UNIT 5	721	341,957.00	64			10,137				3,466,343	11,133,802	3.256	
TOTAL Steam	2,477	429,715.00				10,537				4,528,001	15,867,908	4.000	
Gas Turbine													
Bartow Combined Cycle													
TOTAL BCC	1,043	545,492.00	70			7,384	Gas	3,944,924	1.021	4,027,767	16,215,069	2.973	4.110
		109.26					No 2	219	5.712	1,251	22,755	20.827	103.905
		1,469.74					Gas	16,417	1.025	16,827	90,683	6.170	5.524
TOTAL BAP	170	1,579.00	1			11,449				18,078	113,438	7.184	
Bayboro Peaker													
TOTAL BYP	229	155.00	0			31,066	No 2	843	5.712	4,815	119,603	77.163	141.878
		155.00								4,815	119,603	77.163	

A-4 System Net Generation and Fuel Cost Report

Report Period : 3/1/2021 to 3/1/2021

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	654,536.00	47			6,795	Gas	4,322,389	1.029	4,447,738	23,180,416	3.542	5.363
Debary Peaker													
		1,381.98					No 2	3,422	5.768	19,737	390,717	28.272	114.178
TOTAL DEP	707	15,334.00	3			14,282	Gas	194,023	1.027	199,262	1,073,044	7.691	5.531
Hines Energy													
TOTAL HEP	1,616	877,699.00	73			7,214	Gas	6,177,520	1.025	6,331,958	26,691,245	3.041	4.321
Intercession City Peaker													
		1,780.03					No 2	4,310	5.712	24,619	423,956	23.817	98.366
TOTAL ICP	1,135	33,521.00	4			13,830	Gas	427,457	1.027	438,998	1,769,119	5.574	4.139
Osprey													
TOTAL OSP	569	30,012.00	7			7,448	Gas	218,083	1.025	223,535	899,708	2.998	4.126
Suwannee Peaker													
		135.84					No 2	354	5.817	2,059	32,557	23.966	91.968
TOTAL SRP	135	2,648.00	3			15,159	Gas	37,012	1.029	38,085	205,164	8.166	5.543
Tiger Bay Cogen													
TOTAL TBP	224	115,442.00	69			7,666	Gas	862,520	1.026	884,946	3,567,388	3.090	4.136
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
TOTAL UFP	50	31,345.00	84			9,812	Gas	299,758	1.026	307,552	1,537,170	4.904	5.128
TOTAL Gas Turbine	7,762	2,307,763.00				7,353				16,969,150	76,218,594	3.303	
SYSTEM TOTAL	10,751	2,821,410.50				7,619				21,497,151	92,086,502	3.264	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 3/1/2021

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	36,069.00	22			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	32,142.00	20			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	34,139.00	21			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	23,279.00	24			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	1,630.00	19			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	1,803.00	17			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1	75	13,969.00	9			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	3,753.00	19			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	36,290.00	22			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1	75	687.00	0			0				0	0	0.000	
St. Pete Pier	0.35	128.52	17			0				0	0	0.000	
TOTAL Solar	512	183,889.52				0				0	0	0.000	
Steam													
Anclote													
		30,157.00					Gas	344,667	1.028	354,202	1,797,799	5.961	5.216
TOTAL UNIT 1	521	30,157.00	3			11,745				354,202	1,797,799	5.961	
		229,190.00					Gas	2,603,744	1.028	2,676,246	13,369,562	5.833	5.135
TOTAL UNIT 2	514	229,190.00	21			11,677				2,676,246	13,369,562	5.833	
Crystal River 4 & 5													
		41,724.00					Coal	23,104	22.266	514,434	1,637,703	3.925	70.884
		0.00					No 2	4,118	5.739	23,634	471,209	0.000	114.427
TOTAL UNIT 4	721	41,724.00	3			12,896				538,067	2,108,911	5.054	
		994,532.00					Coal	444,948	22.279	9,913,099	32,620,047	3.280	73.312
		0.00					No 2	5,356	5.737	30,727	790,606	0.000	147.611
TOTAL UNIT 5	721	994,532.00	64			9,998				9,943,826	33,410,653	3.359	
TOTAL Steam	2,477	1,295,603.00				10,429				13,512,342	50,686,926	4.000	
Gas Turbine													
Bartow Combined Cycle													
		1,322,237.00					Gas	10,068,363	1.022	10,285,922	40,577,644	3.069	4.030
TOTAL BCC	1,259	1,322,237.00	49			7,779				10,285,922	40,577,644	3.069	
Bartow Peaker													
		4,689.69					No 2	11,060	5.712	63,175	1,150,664	24.536	104.038
		2,813.31					Gas	36,918	1.027	37,898	194,263	6.905	5.262
TOTAL BAP	223	7,503.00	2			13,471				101,073	1,344,927	17.925	
Bayboro Peaker													
		416.00					No 2	1,576	5.712	9,002	223,365	53.693	141.729
TOTAL BYP	238	416.00	0			21,640				9,002	223,365	53.693	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 3/1/2021

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	2,429,104.00	60			6,776	Gas	15,977,128	1.030	16,460,442	75,799,617	3.120	4.744
Debary Peaker													
TOTAL DEP	707	37,856.00	2			13,702	No 2 Gas	33,675 315,560	5.768 1.028	194,230 324,473	3,844,944 1,689,144	27.124 7.133	114.178 5.353
Hines Energy													
TOTAL HEP	2,167	2,448,184.00	52			7,273	Gas	17,383,501	1.024	17,806,704	73,861,879	3.017	4.249
Intercession City Peaker													
TOTAL ICP	1,198	79,491.00	3			13,472	No 2 Gas	22,483 916,629	5.712 1.028	128,423 942,516	2,218,336 3,772,545	23.272 5.393	98.667 4.116
Osprey													
TOTAL OSP	569	366,039.00	30			7,180	Gas	2,569,243	1.023	2,628,055	9,755,081	2.665	3.797
Suwannee Peaker													
TOTAL SRP	203	11,104.00	3			13,946	No 2 Gas	2,156 138,005	5.817 1.031	12,541 142,326	198,282 728,835	22.049 7.142	91.968 5.281
Tiger Bay Cogen													
TOTAL TBP	224	121,029.00	25			7,824	Gas	922,620	1.026	946,909	3,825,340	3.161	4.146
Univ of Florida Cogen													
TOTAL UFP	50	93,278.00	86			10,010	No 2 Gas	0 908,284	0.000 1.028	0 933,719	0 4,359,115	0.000 4.673	0.000 4.799
TOTAL Gas Turbine	8,722	6,916,242.00				7,362				50,916,335	222,199,053	3.213	
SYSTEM TOTAL	11,711	8,395,735.36				7,674				64,428,677	272,885,979	3.250	

A-5 System Generation Fuel Cost Report

Report Period : 3/1/2021 to 3/1/2021

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)	(2,871)	6,337	(9,208)	(145.3%)
20 - UNIT COST (\$/BBL)	(62.49)	120.35	(182.83)	(151.9%)
21 - AMOUNT (\$)	179,397	762,635	(583,238)	(76.5%)
22 - BURNED				
23 - UNITS (BBL)	13,345	6,337	7,008	110.6%
24 - UNIT COST (\$/BBL)	100.65	120.35	(19.70)	(16.4%)
25 - AMOUNT (\$)	1,343,139	762,635	580,504	76.1%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	457,070	586,874	(129,804)	(22.1%)
31 - UNIT COST (\$/BBL)	110.40	108.36	2.04	1.9%
32 - AMOUNT (\$)	50,458,349	63,592,212	(13,133,863)	(20.7%)
33 -				
34 - DAYS SUPPLY	1,231	2,778	(1,547)	(55.7%)

A-5 System Generation Fuel Cost Report

Report Period : 3/1/2021 to 3/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	189,268	286,538	(97,270)	(33.9%)
37 - UNIT COST (\$/TON)	61.15	65.03	(3.88)	(6.0%)
38 - AMOUNT (\$)	11,573,459	18,634,230	(7,060,771)	(37.9%)
39 - BURNED				
40 - UNITS (TON)	178,397	286,538	(108,141)	(37.7%)
41 - UNIT COST (\$/TON)	70.88	65.03	5.85	9.0%
42 - AMOUNT (\$)	12,645,483	18,634,230	(5,988,747)	(32.1%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	556,964	520,729	36,235	7.0%
48 - UNIT COST (\$/TON)	70.88	86.03	(15.15)	(17.6%)
49 - AMOUNT (\$)	39,479,804	44,798,943	(5,319,139)	(11.9%)
50 -				
51 - DAYS SUPPLY	97	55	42	77.5%
GAS				
52 - BURNED				
53 - UNITS (MCF)	17,017,842	14,439,048	2,578,794	17.9%
54 - UNIT COST (\$/MCF)	4.59	4.97	(0.38)	(7.6%)
55 - AMOUNT (\$)	78,097,880	71,736,796	6,361,084	8.9%
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2021 to 3/1/2021

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)	4,268	23,817	(19,549)	(82.1%)
20 - UNIT COST (\$/BBL)	345.15	115.08	230.07	199.9%
21 - AMOUNT (\$)	1,473,115	2,740,832	(1,267,717)	(46.3%)
22 - BURNED				
23 - UNITS (BBL)	80,424	23,817	56,607	237.7%
24 - UNIT COST (\$/BBL)	110.63	115.08	(4.45)	(3.9%)
25 - AMOUNT (\$)	8,897,405	2,740,832	6,156,573	224.6%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	457,070	586,874	(129,804)	(22.1%)
31 - UNIT COST (\$/BBL)	110.40	108.36	2.04	1.9%
32 - AMOUNT (\$)	50,458,349	63,592,212	(13,133,863)	(20.7%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2021 to 3/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	470,879	795,718	(324,839)	(40.8%)
37 - UNIT COST (\$/TON)	71.52	67.52	4.00	5.9%
38 - AMOUNT (\$)	33,679,029	53,728,341	(20,049,312)	(37.3%)
39 - BURNED				
40 - UNITS (TON)	468,052	795,718	(327,666)	(41.2%)
41 - UNIT COST (\$/TON)	73.19	67.52	5.67	8.4%
42 - AMOUNT (\$)	34,257,750	53,728,341	(19,470,591)	(36.2%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	556,964	520,729	36,235	7.0%
48 - UNIT COST (\$/TON)	70.88	86.03	(15.15)	(17.6%)
49 - AMOUNT (\$)	39,479,804	44,798,943	(5,319,139)	(11.9%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	52,184,662	43,464,630	8,720,032	20.1%
54 - UNIT COST (\$/MCF)	4.40	4.98	(0.58)	(11.6%)
55 - AMOUNT (\$)	229,730,824	216,572,891	13,157,933	6.1%
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%

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

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	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		12,357		12,357	3.019	3.785	373,060	467,657	94,597.00
ACTUAL									
PJM Settlements, Inc	MR1	200		200	1.978	2.300	3,955.92	4,600.72	644.80
Reedy Creek Improvement District	CR-1	9,580		9,580	1.661	2.094	159,124.60	200,586.10	41,461.50
Southern Company Services, Inc.	EEL	333		333	2.832	4.595	9,430.20	15,300.04	5,869.84
Tallahassee (City of)	CR-1	40		40	1.816	3.957	726.52	1,582.98	856.46
Tampa Electric Company	CR-1	100		100	2.954	4.547	2,954.25	4,546.56	1,592.31
The Energy Authority	Schedule OS	18,088		18,088	1.715	2.192	310,198.32	396,519.20	86,320.88
Adjustments									
PJM Settlements, Inc								0.09	0.09
Reedy Creek Improvement District								0.10	0.10
Subtotal - Gain on Other Power Sales		28,341	-	28,341	1.716	2.199	486,389.81	623,135.79	136,745.98
CURRENT MONTH TOTAL		28,341		28,341	1.716	2.199	486,389.81	623,135.79	136,745.98
DIFFERENCE		15,984		15,984	(1.303)	(1.586)	113,329.81	155,478.79	42,148.98
DIFFERENCE %		129		129	(43.154)	(41.904)	30.38	33.25	44.56
CUMULATIVE ACTUAL		59,550		59,550	2.104	2.719	1,253,211.99	1,619,384.68	366,172.69
CUMULATIVE ESTIMATED		74,629		74,629	3.365	4.218	2,510,890.00	3,147,577.00	636,687.00
DIFFERENCE		(15,079)		(15,079)	(1.26)	(1.50)	(1,257,678.01)	(1,528,192.32)	(270,514.31)
DIFFERENCE %		(20)		(20)	(37.45)	(35.52)	(50.09)	(48.55)	(42.49)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
MARCH, 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		13,897	-	-	13,897	3.779	3.779	525,122.00	525,122.00
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	16,304			16,304	8.481	8.481	1,382,677.17	1,382,677.17
Southern Power Company	Franklin	56,251			56,251	3.594	3.594	2,021,450.08	2,021,450.08
Vandolah Power Company L.L.C.	TOLL	71,826			71,826	6.473	6.473	4,649,418.95	4,649,418.95
ADJUSTMENTS									
Shady Hills Power Company, L.L.C.	TOLL	1			1	89,547.592	89,547.592	895,475.92	895,475.92
Southern Power Company	Franklin	-			-	-	-	488,740.29	488,740.29
Vandolah Power Company L.L.C.	TOLL	948			948	280.695	280.695	2,660,991.90	2,660,991.90
CURRENT MONTH TOTAL		145,330			145,330	8.325	8.325	12,098,754.31	12,098,754.31
DIFFERENCE		131,433			131,433	4.546	4.546	11,573,632.31	11,573,632.31
DIFFERENCE %		946			946	120.322	120.322	2,203.99	2,203.99
CUMULATIVE ACTUAL		243,366			243,366	6.901	6.901	16,795,660.17	16,795,660.17
CUMULATIVE ESTIMATED		31,647			31,647	4.152	4.152	1,313,984.00	1,313,984.00
DIFFERENCE		211,719			211,719	2.749	2.749	15,481,676.17	15,481,676.17
DIFFERENCE %		669			669	66.221	66.221	1,178.22	1,178.22

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
MARCH, 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		217,338	-	-	217,338	3.783	16.959	8,222,146.90
ACTUAL								
Lake County (LAKCOUNT) ADJ	CO-GEN	532 -			532 -	4.146	4.146	22,057.77 6,067.43
Lee County (LEECOGAS) ADJ	CO-GEN	550 -			550 -	5.233	5.233	28,784.07 107,552.61
Metro-Dade County (METRDDAS) ADJ	CO-GEN	197 -			197 -	6.241	6.241	12,294.02 93,259.76
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,619 -			1,619 -	4.105	4.105	66,462.44 21,931.85
Orange Cogen (ORANGECO) ADJ	CO-GEN	31,626 -			31,626 -	3.928	23.512	1,242,268.21 4,712.97
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	73,226 -			73,226 -	5.127	13.727	3,754,230.73 71,446.90
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	2,515 -			2,515 -	2.752	96.508	69,213.26 73,596.86
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	0 (46)			0 (46)	5.442	5.442	17.96 1,100.69
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	36,172 -			36,172 -	2.751	18.329	995,157.06 197,063.32
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	34,850 -			34,850 -	3.094	28.202	1,078,321.76 251,784.97
CURRENT MONTH TOTAL		181,241			181,241	4.47	20.267	8,097,324.63
DIFFERENCE		(36,097)			(36,097)	0.685	3.309	(124,822.27)
DIFFERENCE %		(16.61)			(16.61)	18.10	19.51	(1.52)
CUMULATIVE ACTUAL		592,292			592,292	3.874	18.377	22,946,722.15
CUMULATIVE ESTIMATED		677,628			677,628	3.686	16.363	24,977,958.18
CUMULATIVE DIFFERENCE		(85,336)			(85,336)	0.188	2.013	(2,031,236.03)
CUMULATIVE DIFFERENCE %		(12.59)			(12.59)	5.10	12.30	(8.13)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
MARCH, 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		4,188	3.704	155,108	4.155	174,022.00	18,914.00
ACTUAL:							
SubTotal - Energy Purchases (Broker)		-	0.000	\$0.00	0.000	\$0.00	\$0.00
SEPA	Hydro	1,220	3.523	\$42,996.45	3.523	\$42,996.45	
Duke Electric Transmission	Transmission Purchase	-	0.000	\$648.00	0.000	-	(\$648.00)
Exelon Generation Company, LLC	InternationalSwapsDe	2,658	2.901	\$77,119.00	8.114	\$215,659.01	\$138,540.01
Florida Power & Light Company Transmission	Transmission Purchase	-	0.000	\$49,590.76	0.000	\$0.00	(\$49,590.76)
Florida Power & Light Company		3,000	3.440	103,200.00	3.353	100,602.00	(2,598.00)
Jacksonville Electric Authority	Transmission Purchase	-	0.000	13,002.24	0.000	-	(13,002.24)
Macquarie Energy LLC		577	3.800	21,926.00	6.186	35,693.22	13,767.22
Morgan Stanley Capital Group Inc.	EEl	1,100	3.600	\$39,600.00	4.878	53,658.00	\$14,058.00
Orlando Utilities Commission	Schedule OS	8,150	4.664	\$380,150.00	6.893	561,764.00	\$181,614.00
Rainbow Energy Marketing Corporation		3,300	4.025	\$132,828.00	7.719	254,736.84	\$121,908.84
Southern Company Services, Inc.	EEl	5,312	3.550	\$188,591.00	7.152	379,925.02	\$191,334.02
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0.000	506.94	0.000	-	(506.94)
ADJUSTMENTS							
PJM Settlements				(874.54)			874.54
Seminole Electric Coop				(1,217.70)			1,217.70
Southern Company Services, Inc. Transmission	Transmission Purchase			0.69			(0.69)
SubTotal - Energy Purchases (Non-Broker)		25,317	4.140	1,048,066.84	6.498	1,645,034.54	596,967.70
CURRENT MONTH TOTAL		25,317	4.140	1,048,066.84	6.498	1,645,034.54	596,967.70
DIFFERENCE		21,129	0.436	892,958.84	2.342	1,471,012.54	578,053.70
DIFFERENCE %		505	11.774	575.70	56.371	845.30	3,056.22
CUMULATIVE ACTUAL		61,074	4.123	2,518,393.40	5.744	3,507,958.89	989,565.49
CUMULATIVE ESTIMATED		8,642	3.817	329,835.00	4.282	370,042.00	40,207.00
DIFFERENCE		52,433	0.307	2,188,558.40	1.462	3,137,916.89	949,358.49
DIFFERENCE %		607	8.037	663.53	34.137	847.99	2,361.18

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										18,566,631
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	6,225,933	6,225,933	6,225,933										18,677,800
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,284,360	2,284,360	2,284,360										6,853,080
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,437,770	5,437,770	5,437,770										16,313,310
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										25,494,669
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0										0
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,832,347	4,988,816	2,913,671										12,734,835
8 Retail Wheeling				0	(19,418)	(4,147)										(23,565)
9 CR1&2 NBV				6,716,036	6,716,036	6,716,036										20,148,108
10 ISFSI Return				573,320	573,320	573,320										1,719,959
11 Vandolah Capacity Purchase			June 2012 - May 2027	3,033,279	2,968,686	2,017,074										8,019,039
12 Schedule H Capacity Sales - Tallahassee	1	-1	on-going no term date	(5,587)	0	0										(5,587)
13 Shady Hills Tolling	1	517	4/1/07-4/30/24	1,976,940	1,976,940	1,976,940										5,930,820
14 RidgeGen Agreement Termination				670,785	667,189	656,848										1,994,822
15 Hamilton SoBRA True-Up				0	0	0										0
16 Columbia SoBRA True-Up				0	0	0										0
17 Lake Placid SoBRA True-Up				0	0	0										0
18 Trenton SoBRA True-Up				0	0	0										0
19 Debary SoBRA True-Up				0	0	0										0
20 State Corporate Income Tax Change				(232,776)	(232,776)	(232,776)										(698,328)
TOTAL				46,192,158	46,281,305	43,252,129	0	0	0	0	0	0	0	0	0	135,725,592