



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

December 15, 2020

VIA ELECTRONIC FILING

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

Re: Docket No. 20200001-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 November 2020.

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 15th day of December, 2020.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

NOVEMBER 2020

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	93,419,938	85,974,737	7,445,201	8.7	2,877,753	2,784,543	93,210	3.4	3.2463	3.0876	0.1587	5.1
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	1,115,887	1,117,160	(1,273)	(0.1)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	94,535,825	87,091,897	7,443,928	8.6	2,877,753	2,784,543	93,210	3.4	3.2851	3.1277	0.1574	5.0
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	5,141,086	1,085,538	4,055,548	373.6	67,751	11,858	55,893	471.3	7.5882	9.1542	(1.5660)	(17.1)
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)	458,419	91,292	367,127	402.2	15,824	2,479	13,345	538.3	2.8970	3.6822	(0.7852)	(21.3)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	7,614,778	8,225,712	(610,934)	(7.4)	199,988	222,188	(22,200)	(10.0)	3.8076	3.7021	0.1055	2.9
9 TOTAL COST OF PURCHASED POWER	13,214,283	9,402,542	3,811,742	40.5	283,563	236,525	47,037	19.9	4.6601	3.9753	0.6848	17.2
10 TOTAL AVAILABLE MWH					3,161,316	3,021,068	140,248	5				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(250,953)	(269,399)	18,446	(6.9)	(9,760)	(7,878)	(1,882)	23.9	2.5712	3.4198	(0.8486)	(24.8)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(135,343)	(68,312)	(67,031)	98.1	(9,760)	(7,878)	(1,882)	23.9	1.3867	0.8672	0.5195	59.9
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	(4,047,783)	(2,159,728)	(1,888,055)	87.4	(156,738)	(118,484)	(38,254)	32.3	2.5825	1.8228	0.7597	41.7
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(4,434,078)	(2,497,439)	(1,936,639)	77.6	(166,498)	(126,361)	(40,137)	31.8	2.6631	1.9764	0.6867	34.7
14 NET INADVERTENT AND WHEELED INTERCHANGE					17,093	0	17,093					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	103,316,030	93,997,000	9,319,031	9.9	3,011,911	2,894,707	117,204	4.1	3.4302	3.2472	0.1830	5.6
16 NET UNBILLED	(12,532,140)	(3,897,371)	(8,634,769)	221.6	365,342	120,022	245,320	204.4	(0.3779)	(0.1380)	(0.2399)	173.8
17 COMPANY USE	184,065	512,717	(328,652)	(64.1)	(5,366)	(15,790)	10,424	(66.0)	0.0056	0.0182	(0.0126)	(69.2)
18 T & D LOSSES	1,918,264	5,689,570	(3,771,306)	(66.3)	(55,922)	(175,214)	119,292	(68.1)	0.0578	0.2015	(0.1437)	(71.3)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	103,316,030	93,997,000	9,319,031	9.9	3,315,965	2,823,725	492,240	17.4	3.1157	3.3288	(0.2131)	(6.4)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(299,616)	(404,187)	104,571	(25.9)	(9,666)	(12,182)	2,515	(20.7)	3.0997	3.3180	(0.2183)	(6.6)
21 JURISDICTIONAL KWH SALES	103,016,414	93,592,813	9,423,601	10.1	3,306,299	2,811,544	494,755	17.6	3.1158	3.3289	(0.2131)	(6.4)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	103,048,349	93,621,826	9,426,523	10.1	3,306,299	2,811,544	494,755	17.6	3.1167	3.3299	(0.2132)	(6.4)
23 PRIOR PERIOD TRUE-UP	1,205,224	1,205,224	(0)	0.0	3,306,299	2,811,544	494,755	17.6	0.0365	0.0429	(0.0064)	(14.9)
24 TOTAL JURISDICTIONAL FUEL COST	104,253,573	94,827,050	9,426,522	9.9	3,306,299	2,811,544	494,755	17.6	3.1532	3.3728	(0.2196)	(6.5)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.1555	3.3752	(0.2197)	(6.5)
27 GPIF	215,975	215,975			3,306,299	2,811,544			0.0065	0.0077	(0.0012)	(15.6)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.162	3.383	(0.221)	(6.5)

*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 - NOVEMBER 2020

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	978,295,594	927,741,258	50,554,336	5.5	37,397,573	37,093,163	304,410	0.8	2.6159	2.5011	0.1148	4.6
2 COAL CAR SALE	20,648	0	20,648	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(162,776)	(158,612)	(4,163)	2.6	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	978,153,467	927,582,646	50,570,821	5.5	37,397,573	37,093,163	304,410	0.8	2.6156	2.5007	0.1149	4.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	60,185,861	51,498,137	8,687,725	16.9	1,684,417	1,627,175	57,242	3.5	3.5731	3.1649	0.4082	12.9
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	4,231,723	3,375,133	856,589	25.4	137,018	107,094	29,923	27.9	3.0884	3.1515	(0.0631)	(2.0)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	76,803,445	80,406,446	(3,603,001)	(4.5)	2,208,235	2,317,047	(108,811)	(4.7)	3.4780	3.4702	0.0078	0.2
9 TOTAL COST OF PURCHASED POWER	141,221,029	135,279,717	5,941,313	4.4	4,029,670	4,051,316	(21,646)	(0.5)	3.5045	3.3392	0.1653	5.0
10 TOTAL AVAILABLE MWH					41,427,243	41,144,479	282,764	0.7				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,655,648)	(3,285,259)	629,611	(19.2)	(125,754)	(111,133)	(14,621)	13.2	2.1118	2.9562	(0.8444)	(28.6)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(1,153,968)	(970,195)	(183,773)	18.9	(125,754)	(111,133)	(14,621)	13.2	0.9176	0.8730	0.0446	5.1
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	(48,901,839)	(47,513,818)	(1,388,021)	2.9	(2,435,401)	(2,550,051)	114,650	(4.5)	2.0080	1.8632	0.1448	7.8
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(52,711,455)	(51,769,271)	(942,184)	1.8	(2,561,155)	(2,661,184)	100,029	(3.8)	2.0581	1.9453	0.1128	5.8
14 NET INADVERTENT AND WHEELED INTERCHANGE					221,027	110,445	110,582					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	1,066,663,041	1,011,093,091	55,569,950	5.5	39,087,115	38,593,739	493,375	1.3	2.7289	2.6198	0.1091	4.2
16 NET UNBILLED	509,323	(1,859,268)	2,368,591	(127.4)	(162,748)	38,424	(201,172)	(523.6)	0.0014	(0.0051)	0.0065	(127.5)
17 COMPANY USE	2,806,109	3,918,298	(1,112,189)	(28.4)	(105,125)	(148,006)	42,880	(29.0)	0.0077	0.0108	(0.0031)	(28.7)
18 T & D LOSSES	60,281,970	59,946,485	335,485	0.6	(2,243,633)	(2,288,213)	44,580	(2.0)	0.1648	0.1656	(0.0008)	(0.5)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,066,663,041	1,011,093,091	55,569,950	5.5	36,575,609	36,195,945	379,664	1.1	2.9163	2.7934	0.1229	4.4
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(6,701,348)	(6,974,746)	273,399	(3.9)	(231,956)	(250,921)	18,965	(7.6)	2.8891	2.7797	0.1094	3.9
21 JURISDICTIONAL KWH SALES	1,059,961,694	1,004,118,345	55,843,349	5.6	36,343,652	35,945,023	398,629	1.1	2.9165	2.7935	0.1230	4.4
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	1,060,292,404	1,004,431,743	55,860,660	5.6	36,343,652	35,945,023	398,629	1.1	2.9174	2.7944	0.1230	4.4
23 PRIOR PERIOD TRUE-UP	(64,974,325)	(64,974,323)	(2)	0.0	36,343,652	35,945,023	398,629	1.1	(0.1788)	(0.1808)	0.0020	(1.1)
24 TOTAL JURISDICTIONAL FUEL COST	995,318,079	939,457,420	55,860,659	6.0	36,343,652	35,945,023	398,629	1.1	2.7386	2.6136	0.1250	4.8
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.7406	2.6155	0.1251	4.8
27 GPIF	2,375,722	2,375,725			36,343,652	35,945,023			0.0065	0.0066	(0.0001)	101.5
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.747	2.622	0.125	4.8

*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
NOVEMBER 2020

	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	\$93,419,938	85,974,737	\$7,445,201	8.7	\$978,295,594	\$927,741,258	\$50,554,336	5.5
1a. COAL CAR SALE	0	0	0	0.0	20,648	0	20,648	0.0
2. FUEL COST OF POWER SOLD	(250,953)	(269,399)	18,446	(6.9)	(2,655,648)	(3,285,259)	629,611	(19.2)
2a. GAIN ON POWER SALES	(135,343)	(68,312)	(67,031)	98.1	(1,153,968)	(970,195)	(183,773)	18.9
3. FUEL COST OF PURCHASED POWER	5,141,086	1,085,538	4,055,548	373.6	60,185,861	51,498,137	8,687,725	16.9
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,614,778	8,225,712	(610,934)	(7.4)	76,803,445	80,406,446	(3,603,001)	(4.5)
4. ENERGY COST OF ECONOMY PURCHASES	458,419	91,292	367,127	402.2	4,231,723	3,375,133	856,589	25.4
5. TOTAL FUEL & NET POWER TRANSACTIONS	106,247,926	95,039,568	11,208,359	11.8	1,115,727,656	1,058,765,521	56,962,135	5.4
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(4,047,783)	(2,159,728)	(1,888,055)	87.4	(48,901,839)	(47,513,818)	(1,388,021)	2.9
6b. OTHER - JURISDICTIONAL ADJUSTMENTS (see detail below)	1,115,887	1,117,160	(1,273)	(0.1)	(162,776)	(158,612)	(4,163)	2.6
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET PWR TRNS	\$103,316,030	\$93,997,000	\$9,319,031	9.9	\$1,066,663,041	\$1,011,093,091	\$55,569,950	5.5

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)	290	0	290		7,020	0	7,020	
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0		517,236	0	517,236	
TANK BOTTOM ADJUSTMENT	0	0	0		0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0		0	0	0	
FPD AGREEMENT TERMINATION	1,115,597	0	1,115,597		12,512,808	0	12,512,808	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0		(13,309,268)	0	(13,309,268)	
NET METER SETTLEMENT	0	0	0		125,131	0	125,131	
2019 ADJUSTMENT GAIN ON TOTAL POWER SALES - 20% (SCH A6) **	0	0	0		(15,703)	0	(15,703)	
Derivative Collateral Interest	0	0	0		0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,115,887	\$0	\$1,115,887		(\$162,776)	\$0	(\$162,776)	

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

B. KWH SALES

1. JURISDICTIONAL SALES	3,306,298,641	2,811,543,518	494,755,123	17.6	36,343,650,946	35,945,023,379	398,627,567	1.1
2. NON JURISDICTIONAL (WHOLESALE) SALES	9,666,087	12,181,500	(2,515,413)	(20.7)	231,956,499	250,921,327	(18,964,828)	(7.6)
3. TOTAL SALES	3,315,964,728	2,823,725,018	492,239,710	17.4	36,575,607,445	36,195,944,706	379,662,739	1.1
4. JURISDICTIONAL SALES % OF TOTAL SALES	99.71	99.57	0.14	0.1	99.37	99.31	0.06	0.1

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
NOVEMBER 2020

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$109,505,466	\$93,990,725	\$15,514,741	16.5	\$1,133,813,838	\$1,116,086,765	\$17,727,073	1.6
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(1,205,224)	(1,205,224)	0	0.0	64,974,325	64,974,323	2	0.0
2b. INCENTIVE PROVISION	(215,975)	(215,975)	0	0.0	(2,375,722)	(2,375,725)	3	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	108,084,268	92,569,526	15,514,742	16.8	1,196,412,440	1,178,685,363	17,727,077	1.5
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	103,316,030	93,997,000	9,319,031	9.9	1,066,663,041	1,011,093,091	55,569,950	5.5
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.71	99.57	0.14	0.1	99.37	99.31	0.06	0.1
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	103,048,349	93,621,826	9,426,523	10.1	1,060,292,404	1,004,431,743	55,860,660	5.6
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	5,035,918	(1,052,301)	6,088,219	(578.6)	136,120,036	174,253,620	(38,133,583)	(21.9)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	3,196	5,854	(2,658)	(45.4)	(60,915)	(52,373)	(8,542)	16.3
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	28,842,544	73,070,233	(44,227,689)	(60.5)	(35,997,914)	(35,997,914)	(0)	0.0
10. TRUE UP COLLECTED (REFUNDED)	1,205,224	1,205,224	(0)	0.0	(64,974,325)	(64,974,323)	(2)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	35,086,883	73,229,011	(38,142,128)	(52.1)	35,086,883	73,229,011	(38,142,128)	(52.1)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$35,086,883	73,229,011	(38,142,128)	(52.1)	\$35,086,883	73,229,011	(38,142,128)	(52.1)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	\$28,842,544	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	35,083,686	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	63,926,231	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	31,963,115	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.100	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.140	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.240	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.120	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.010	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$3,196	N/A	--	--				

NOT

A-3 Generating System Comparative Data Report

Report Period : 11/1/2020 to 11/1/2020

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	837,754	762,685	75,069	9.8 %
3 - COAL	2,349,064	18,889,783	(16,540,719)	(87.6 %)
4 - GAS	90,233,120	66,322,269	23,910,851	36.1 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	93,419,938	85,974,737	7,445,201	8.7 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	2,427	3,078	(651)	(21.2 %)
11 - COAL	82,111	514,959	(432,848)	(84.1 %)
12 - GAS	2,743,473	2,205,798	537,675	24.4 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	49,743	60,707	(10,964)	(18.1 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,877,753	2,784,542	93,211	3.3 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	6,203	6,503	(300)	(4.6 %)
19 - COAL (TON)	32,343	219,903	(187,560)	(85.3 %)
20 - GAS (MCF)	20,584,330	15,715,665	4,868,665	31.0 %
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 OIL	0	0	0	0.0 %
25 - LIGHT OIL	35,840	37,875	(2,035)	(5.4 %)
26 - COAL	694,792	5,252,455	(4,557,663)	(86.8 %)
27 - GAS	21,110,760	15,715,665	5,395,095	34.3 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	21,841,393	21,005,995	835,398	4.0 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.11	(0.0)	(23.7 %)
34 - COAL	2.9	18.49	(15.6)	(84.6 %)
35 - GAS	95.3	79.22	16.1	20.3 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.7	2.18	(0.5)	(20.7 %)
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 : 11/1/2020 to 11/1/2020

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.00 %
41 - LIGHT OIL (\$/BBL)	135.06	117.28	17.77	15.2 %
42 - COAL (\$/TON)	72.63	85.90	(13.27)	(15.4 %)
43 - GAS (\$/MCF)	4.38	4.22	0.16	3.9 %
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 OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	23.37	20.14	3.24	16.1 %
49 - COAL	3.38	3.60	(0.22)	(6.0 %)
50 - GAS	4.27	4.22	0.05	1.3 %
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	4.09	0.18	4.5 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	14,770	12,305	2,465	20.0 %
57 - COAL	8,462	10,200	(1,738)	(17.0 %)
58 - GAS	7,695	7,125	570	8.0 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,590	7,544	46	0.6 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	34.52	24.78	9.75	39.3 %
65 - COAL	2.86	3.67	(0.81)	(22.0 %)
66 - GAS	3.29	3.01	0.28	9.4 %
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)	3.25	3.09	0.16	5.1 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 11/1/2020

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	12,181,437	9,215,744	2,965,693	32.2 %
3 - COAL	124,285,843	105,735,762	18,550,081	17.5 %
4 - GAS	841,828,314	812,789,752	29,038,562	3.6 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	978,295,594	927,741,258	50,554,336	5.4 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	29,535	23,680	5,855	24.7 %
11 - COAL	3,163,324	2,640,608	522,716	19.8 %
12 - GAS	33,552,138	33,719,486	(167,348)	(0.5 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	652,575	709,388	(56,813)	(8.0 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	37,397,573	37,093,162	304,411	0.8 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	102,942	78,385	24,557	31.3 %
19 - COAL (TON)	1,502,225	1,184,717	317,508	26.8 %
20 - GAS (MCF)	249,263,957	249,409,015	(145,058)	(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	547,670	408,652	139,018	34.0 %
26 - COAL	33,832,825	28,009,803	5,823,022	20.8 %
27 - GAS	255,468,741	252,635,517	2,833,224	1.1 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	289,849,236	281,053,972	8,795,264	3.1 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.06	0.0	23.7 %
34 - COAL	8.5	7.12	1.3	18.8 %
35 - GAS	89.7	90.90	(1.2)	(1.3 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.7	1.91	(0.2)	(8.8 %)
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 : 1/1/2020 to 11/1/2020

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.00 %
41 - LIGHT OIL (\$/BBL)	118.33	117.57	0.76	0.6 %
42 - COAL (\$/TON)	82.73	89.25	(6.52)	(7.3 %)
43 - GAS (\$/MCF)	3.38	3.26	0.12	3.6 %
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	22.24	22.55	(0.31)	(1.4 %)
49 - COAL	3.67	3.77	(0.10)	(2.7 %)
50 - GAS	3.30	3.22	0.08	2.4 %
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	3.38	3.30	0.07	2.2 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	18,543	17,257	1,286	7.4 %
57 - COAL	10,695	10,607	88	0.8 %
58 - GAS	7,614	7,492	122	1.6 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,750	7,577	174	2.3 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	41.24	38.92	2.33	6.0 %
65 - COAL	3.93	4.00	(0.08)	(1.9 %)
66 - GAS	2.51	2.41	0.10	4.1 %
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)	2.62	2.50	0.11	4.6 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 11/1/2020 to 11/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Columbia Solar 1													
TOTAL CSF 1	75	11,462.00	21			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	7,802.00	15			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	11,181.00	21			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	5,958.00	18			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	445.00	15			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	669.00	19			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,358.00	21			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	10,840.00	20			0				0	0	0.000	
St. Pete Pier	0.35	28.32	11			0				0	0	0.000	
TOTAL Solar	362	49,743.32				0				0	0	0.000	
Steam													
Anclote													
		124,596.00					Gas	1,383,936	1.027	1,421,302	7,269,241	5.834	5.253
TOTAL UNIT 1	521	124,596.00	33			11,407				1,421,302	7,269,241	5.834	
		75,054.00					Gas	830,243	1.027	852,660	4,360,922	5.810	5.253
TOTAL UNIT 2	514	75,054.00	20			11,361				852,660	4,360,922	5.810	
Crystal River 4 & 5													
TOTAL UNIT 4		0.00				0				0	0	0.000	
		82,111.00					Coal	32,343	21.482	694,792	2,349,064	2.861	72.630
		0.00					No 2	348	5.741	1,998	55,591	0.000	159.744
TOTAL UNIT 5	721	82,111.00	16			8,486				696,790	2,404,655	2.929	
TOTAL Steam	1,756	281,761.00				10,544				2,970,752	14,034,818	5.000	
Gas Turbine													
Avon Park Peaker													
		0.00					No 2	0	0.000	0	168,464	0.000	0.000
		0.00					Gas	0	0.000	0	(9)	0.000	0.000
TOTAL APP	0	0.00	0			0				0	168,456	0.000	
Bartow Combined Cycle													
TOTAL BCC	1,308	487,723.00	52			7,743		Gas	3,687,883	1.024	3,776,392	14,780,355	3.030
		487,723.00								3,776,392	14,780,355	3.030	4.008
Bartow Peaker													
		187.57					No 2	381	5.712	2,176	39,828	21.234	104.536
		1,541.43					Gas	17,414	1.027	17,884	120,927	7.845	6.944
TOTAL BAP	223	1,729.00	1			11,602				20,060	160,755	9.298	
Bayboro Peaker													
TOTAL BYP	178	42.00	0			21,896		No 2	161	5.712	920	22,681	54.003
		42.00								920	22,681	54.003	140.877
Citrus County													
		813,423.00					Gas	5,427,190	1.028	5,579,151	26,394,148	3.245	4.863

A-4 System Net Generation and Fuel Cost Report

Report Period : 11/1/2020 to 11/1/2020

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 (\$)
TOTAL CCCC	1,884	813,423.00	60			6,859				5,579,151	26,394,148	3.245	
Debary Peaker							No 2	1,801	5.768	10,388	205,635	27.497	114.178
		747.83					Gas	100,786	1.029	103,709	530,615	7.107	5.265
TOTAL DEP	642	8,214.00	2			13,890				114,097	736,250	8.963	
Hines Energy							Gas	5,667,912	1.024	5,803,942	22,699,446	2.885	4.005
TOTAL HEP	2,184	786,748.00	50			7,377				5,803,942	22,699,446	2.885	
Intercession City Peaker							No 2	3,333	5.796	19,317	329,090	23.917	98.737
		1,375.94					Gas	286,226	1.027	293,954	1,150,878	5.497	4.021
TOTAL ICP	1,072	22,314.00	3			14,039				313,271	1,479,968	6.633	
Osprey							Gas	1,973,137	1.025	2,022,465	7,913,380	2.832	4.011
TOTAL OSP	600	279,430.00	65			7,238				2,022,465	7,913,380	2.832	
Suwannee Peaker							No 2	179	5.817	1,041	16,464	22.690	91.980
		72.56					Gas	52,663	1.027	54,085	276,677	7.341	5.254
TOTAL SRP	203	3,842.00	3			14,350				55,126	293,142	7.631	
Tiger Bay Cogen							Gas	987,267	1.024	1,010,961	3,955,885	3.035	4.007
TOTAL TBP	231	130,341.00	78			7,756				1,010,961	3,955,885	3.035	
Univ of Florida Cogen							No 2	0	0.000	0	0	0.000	0.000
		0.00					Gas	169,673	1.027	174,254	780,655	6.274	4.601
TOTAL UFP	50	12,443.20	35			14,004				174,254	780,655	6.274	
TOTAL Gas Turbine	8,575	2,546,249.00				7,411				18,870,641	79,385,120	3.118	
SYSTEM TOTAL	10,693	2,877,752.97				7,590				21,841,393	93,419,938	3.246	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 11/1/2020

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	135,657.00	22			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	73,310.00	12			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	163,985.00	27			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	90,561.00	25			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	5,230.00	16			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	8,237.00	20			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	16,816.00	23			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	158,551.00	26			0				0	0	0.000	
St. Pete Pier	0.35	228.22	11			0				0	0	0.000	
TOTAL Solar	362	652,575.22				0				0	0	0.000	
Steam													
Anclote													
		1,184,573.00					Gas	13,524,220	1.026	13,878,463	51,227,212	4.325	3.788
TOTAL UNIT 1	521	1,184,573.00	28			11,716				13,878,463	51,227,212	4.325	
		940,668.00					Gas	10,729,012	1.026	11,008,607	39,210,795	4.168	3.655
TOTAL UNIT 2	514	940,668.00	23			11,703				11,008,607	39,210,795	4.168	
Crystal River 4 & 5													
		1,303,200.00					Coal	627,375	22.368	14,032,852	51,454,392	3.948	82.015
		0.00					No 2	16,366	3.980	65,138	2,343,348	0.000	143.184
TOTAL UNIT 4	721	1,303,200.00	22			10,818				14,097,990	53,797,740	4.128	
		1,860,124.00					Coal	874,850	22.632	19,799,973	72,831,451	3.915	83.250
		0.00					No 2	17,707	4.802	85,036	2,381,240	0.000	134.480
TOTAL UNIT 5	721	1,860,124.00	32			10,690				19,885,009	75,212,691	4.043	
TOTAL Steam	1,756	5,288,565.00				11,132				58,870,068	219,448,437	4.000	
Gas Turbine													
Avon Park Peaker													
		564.82					No 2	1,616	5.816	9,399	168,464	29.826	104.248
		45.48					Gas	737	1.027	757	2,618	5.755	3.552
TOTAL APP	50	610.00	0			16,641				10,156	171,082	28.032	
Bartow Combined Cycle													
		6,552,778.00					Gas	48,034,990	1.022	49,088,445	145,494,821	2.220	3.029
TOTAL BCC	1,308	6,552,778.00	62			7,491				49,088,445	145,494,821	2.220	
Bartow Peaker													
		2,458.40					No 2	6,443	5.712	36,802	670,424	27.271	104.055
		15,308.60					Gas	223,566	1.025	229,171	832,268	5.437	3.723
TOTAL BAP	223	17,767.00	1			14,970				265,973	1,502,692	8.458	
Bayboro Peaker													
		3,410.35					No 2	8,686	5.712	49,614	1,214,018	35.598	139.767
TOTAL BYP	238	3,410.00	0			14,548				49,614	1,214,018	35.598	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 11/1/2020

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	10,566,556.00	70			6,838	Gas	70,212,423	1.029	72,252,710	267,949,817	2.536	3.816
Debary Peaker													
		8,267.79					No 2	19,907	5.769	114,836	2,273,181	27.494	114.190
		121,625.21					Gas	1,643,168	1.028	1,689,315	5,980,453	4.917	3.640
TOTAL DEP	707	129,893.00	2			13,890				1,804,151	8,253,634	6.354	
Hines Energy													
		2,480.89					No 2	3,144	5.778	18,166	248,838	10.030	79.147
		10,651,136.11					Gas	76,235,375	1.023	77,989,576	241,989,255	2.272	3.174
TOTAL HEP	2,184	10,653,617.00	61			7,322				78,007,741	242,238,093	2.274	
Intercession City Peaker													
		11,346.11					No 2	26,572	5.800	154,131	2,623,563	23.123	98.734
		291,046.15					Gas	3,851,919	1.026	3,953,704	11,284,163	3.877	2.929
TOTAL ICP	1,198	302,392.00	3			13,584				4,107,834	13,907,726	4.599	
Osprey													
		2,154,744.00					Gas	15,524,308	1.022	15,864,122	47,302,970	2.195	3.047
TOTAL OSP	600	2,154,744.00	45			7,362				15,864,122	47,302,970	2.195	
Suwannee Peaker													
		1,007.85					No 2	2,501	5.817	14,548	230,013	22.822	91.968
		51,482.85					Gas	724,118	1.026	743,152	2,669,049	5.184	3.686
TOTAL SRP	203	52,491.00	3			14,435				757,700	2,899,062	5.523	
Tiger Bay Cogen													
		740,040.00					Gas	5,711,303	1.024	5,846,271	18,407,003	2.487	3.223
TOTAL TBP	231	740,040.00	40			7,900				5,846,271	18,407,003	2.487	
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	28,347	0.000	0.000
		282,134.20					Gas	2,848,818	1.027	2,924,451	9,477,892	3.359	3.327
TOTAL UFP	50	282,134.00	70			10,365				2,924,451	9,506,239	3.369	
TOTAL Gas Turbine	8,876	31,456,433.00				7,343				230,979,168	758,847,157	2.412	
SYSTEM TOTAL	10,994	37,397,573.03				7,751				289,849,236	978,295,594	2.616	

A-5 System Generation Fuel Cost Report

Report Period : 11/1/2020 to 11/1/2020

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)	2,664	6,503	(3,839)	(59.0%)
20 - UNIT COST (\$/BBL)	168.82	117.28	51.54	43.9%
21 - AMOUNT (\$)	449,738	762,685	(312,947)	(41.0%)
22 - BURNED				
23 - UNITS (BBL)	6,203	6,503	(300)	(4.6%)
24 - UNIT COST (\$/BBL)	135.06	117.28	17.77	15.2%
25 - AMOUNT (\$)	837,754	762,685	75,069	9.8%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	543,459	586,874	(43,415)	(7.4%)
31 - UNIT COST (\$/BBL)	109.10	108.36	0.74	0.7%
32 - AMOUNT (\$)	59,291,249	63,592,212	(4,300,963)	(6.8%)
33 -				
34 - DAYS SUPPLY	2,084	2,707	(623)	(23.0%)

A-5 System Generation Fuel Cost Report

Report Period : 11/1/2020 to 11/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	254,298	219,903	34,395	15.6%
37 - UNIT COST (\$/TON)	68.60	85.90	(17.30)	(20.1%)
38 - AMOUNT (\$)	17,445,648	18,889,783	(1,444,135)	(7.6%)
39 - BURNED				
40 - UNITS (TON)	32,343	219,903	(187,560)	(85.3%)
41 - UNIT COST (\$/TON)	72.63	85.90	(13.27)	(15.4%)
42 - AMOUNT (\$)	2,349,064	18,889,783	(16,540,719)	(87.6%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	437,355	520,729	(83,374)	(16.0%)
48 - UNIT COST (\$/TON)	72.63	86.03	(13.40)	(15.6%)
49 - AMOUNT (\$)	31,764,974	44,798,943	(13,033,969)	(29.1%)
50 -				
51 - DAYS SUPPLY	406	71	335	471.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	20,584,330	15,715,665	4,868,665	31.0%
54 - UNIT COST (\$/MCF)	4.38	4.22	0.16	3.9%
55 - AMOUNT (\$)	90,233,120	66,322,269	23,910,851	36.1%
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 : 1/1/2020 to 11/1/2020

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)	41,014	59,597	(18,583)	(31.2%)
20 - UNIT COST (\$/BBL)	129.44	111.48	17.95	16.1%
21 - AMOUNT (\$)	5,308,684	6,643,956	(1,335,272)	(20.1%)
22 - BURNED				
23 - UNITS (BBL)	102,942	78,385	24,557	31.3%
24 - UNIT COST (\$/BBL)	118.33	117.57	0.76	0.6%
25 - AMOUNT (\$)	12,181,437	9,215,744	2,965,693	32.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	543,459	586,874	(43,415)	(7.4%)
31 - UNIT COST (\$/BBL)	109.10	108.36	0.74	0.7%
32 - AMOUNT (\$)	59,291,249	63,592,212	(4,300,963)	(6.8%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2020 to 11/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,601,459	1,367,325	234,134	17.1%
37 - UNIT COST (\$/TON)	81.47	91.38	(9.92)	(10.9%)
38 - AMOUNT (\$)	130,466,068	124,949,956	5,516,112	4.4%
39 - BURNED				
40 - UNITS (TON)	1,502,225	1,184,717	317,508	26.8%
41 - UNIT COST (\$/TON)	82.73	89.25	(6.52)	(7.3%)
42 - AMOUNT (\$)	124,285,843	105,735,762	18,550,081	17.5%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	437,355	520,729	(83,374)	(16.0%)
48 - UNIT COST (\$/TON)	72.63	86.03	(13.40)	(15.6%)
49 - AMOUNT (\$)	31,764,974	44,798,943	(13,033,969)	(29.1%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	249,263,957	249,409,015	(145,058)	(0.1%)
54 - UNIT COST (\$/MCF)	3.38	3.26	0.12	3.6%
55 - AMOUNT (\$)	841,828,314	812,789,752	29,038,562	3.6%
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
November 2020

(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		7,878		7,878	3.420	4.287	269,399.00	337,711.00	68,312.00
ACTUAL									
Florida Municipal Power Agency	CR-1	75		75	1.428	1.800	1,071.00	1,350.00	279.00
Reedy Creek Improvement District	CR-1	6,485		6,485	1.774	2.143	115,065.80	138,951.65	23,885.85
Tampa Electric Company	CR-1	3,200		3,200	4.213	6.377	134,816.00	204,048.00	69,232.00
Adjustments									
Tampa Electric Company								40,706.59	40,706.59
PJM Settlements								1.68	1.68
Reedy Creek Improvement District								1,237.50	1,237.50
Subtotal - Gain on Other Power Sales		9,760		9,760	2.571	3.958	250,952.80	386,295.42	135,342.62
CURRENT MONTH TOTAL		9,760		9,760	2.571	3.958	250,952.80	386,295.42	135,342.62
DIFFERENCE		1,882		1,882	(0.849)	(0.329)	(18,446.20)	48,584.42	67,030.62
DIFFERENCE %		23.89		23.89	(24.81)	(7.67)	(6.85)	14.39	98.12
CUMULATIVE ACTUAL		125,754		125,754	2.112	3.029	2,655,648.02	3,809,615.97	1,153,967.95
CUMULATIVE ESTIMATED		111,134		111,134	2.956	3.829	3,285,259.00	4,255,453.00	970,195.00
DIFFERENCE		14,620		14,620	-0.844	(0.800)	(629,610.98)	(445,837.03)	183,772.95
DIFFERENCE %		13.16		13.16	(28.56)	(20.88)	(19.16)	(10.48)	18.94

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF
November, 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	KWH FOR UTILITIES (000)	KWH FOR INTERRUPTIBLE (000)	KWH FOR FIRM (000)	FUEL COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	FUEL COST \$
ESTIMATED		11,858			11,858	9.154	9.154	1,085,538.00	1,085,538.00
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	13,860			13,860	6.348	6.348	879,797.74	879,797.74
Southern Power Company	Franklin							399,092.20	399,092.20
Vandolah Power Company L.L.C.	TOLL	53,870			53,870	7.249	7.249	3,904,820.26	3,904,820.26
ADJUSTMENTS									
Shady Hills Power Company, L.L.C.	TOLL	51			51	(8.565)	(8.565)	(4,367.97)	(4,367.97)
Southern Power Company	Franklin							2,095.68	2,095.68
Vandolah Power Company L.L.C.	TOLL	(30)			(30)	134.505	134.505	(40,351.49)	(40,351.49)
CURRENT MONTH TOTAL		67,751			67,751	7.588	7.588	5,141,086.42	5,141,086.42
D F FERENCE		55,893			55,893	(1.566)	(1.566)	4,055,548.42	4,055,548.42
D F FERENCE %		471			471	(17.107)	(17.107)	373.60	373.60
CUMULATIVE ACTUAL		1,684,417			1,684,417	3.830	3.830	60,185,861.21	60,185,861.21
CUMULATIVE ESTIMATED		1,627,175			1,627,175	3.165	3.165	51,498,137.00	51,498,137.00
D F FERENCE		57,242			57,242	0.665	0.665	8,687,724.21	8,687,724.21
D F FERENCE %		4			4	21.016	21.016	16.87	16.87

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF
NOVEMBER, 2020

(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		222,188	-	-	222,188	3.702	15.925	8,225,711.51
ACTUAL								
Lake County (LAKCOUNT) ADJ	CO-GEN	54 -			54 -	2.007 -	2.007 -	1,083.67 705.55
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,671 -			1,671 -	1.879 -	1.879 -	31,401.75 1,729.53
Orange Cogen (ORANGECO) ADJ	CO-GEN	31,833 -			31,833 -	3.736 -	22.237 -	1,189,380.46 2,035.83
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	86,573 -			86,573 -	5.109 -	11.926 -	4,423,400.21 (22,356.12)
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	- -			- -	- -	0.000 -	- -
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	16,560 -			16,560 -	2.142 -	15.342 -	354,742.07 38,118.10
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	56 35			56 35	2.234 -	2.234 -	1,261.64 917.28
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	27,401 -			27,401 -	1.866 -	20.586 -	511,337.42 16,746.07
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	35,804 -			35,804 -	2.552 -	25.559 -	913,840.00 150,434.19
CURRENT MONTH TOTAL		199,988			199,988	3.808	17.387	7,614,777.67
D F FERENCE		(22,200)			(22,200)	0.105	1.462	(610,933.84)
D F FERENCE %		(9.99)			(9.99)	2.85	9.18	(7.43)
CUMULATIVE ACTUAL		2,208,235			2,208,235	3.478	17.006	76,803,445.43
CUMULATIVE ESTIMATED		2,317,046			2,317,046	3.470	16.363	80,406,446.44
CUMULATIVE DIFFERENCE		(108,811)			(108,811)	0.008	0.643	(3,603,001.01)
CUMULATIVE DIFFERENCE %		(4.70)			(4.70)	0.23	3.93	(4.48)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF
NOVEMBER, 2020

(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		2,479	3.682	91,292	4.131	102,420.00	11,128.00
ACTUAL							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	6,214	2.638	163,928.98	2.638	163,928.98	-
Exelon Generation Company, LLC	InternationalSwapsDe	1,070	3.388	36,250.00	4.731	50,620.90	14,370.90
Florida Power & Light Company		1,200	4.000	48,000.00	4.815	57,780.00	9,780.00
Morgan Stanley Capital Group Inc.	EEL	1,450	2.900	42,050.00	4.677	67,820.50	25,770.50
Orlando Utilities Commission	Schedule OS	500	4.040	20,200.00	3.134	15,670.00	(4,530.00)
Southern Company Services, Inc.	EEL	5,390	2.746	147,988.00	4.110	221,548.12	73,560.12
ADJUSTMENTS							
PJM Settlements				2.32			(2.32)
SubTotal - Energy Purchases (Non-Broker)		15,824	2.897	458,419.30	3.649	577,368.50	118,949.20
CURRENT MONTH TOTAL		15,824	2.897	458,419.30	3.649	577,368.50	118,949.20
DIFFERENCE		13,345	(0.785)	367,127.30	(0.482)	474,948.50	107,821.20
DIFFERENCE %		538	(21.324)	402.15	(11.676)	463.73	968.92
CUMULATIVE ACTUAL		137,018	3.088	4,231,722.68	3.782	5,181,685.91	949,963.83
CUMULATIVE ESTIMATED		107,094	3.152	3,375,133.00	3.896	4,172,331.00	797,198.00
DIFFERENCE		29,923	(0.063)	856,589.68	(0.114)	1,009,354.91	152,765.83
DIFFERENCE %		28	(2.002)	25.38	(2.931)	24.19	19.16

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2020

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	5,880,980	5,893,358	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	64,758,863
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	65,156,904
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	23,625,140
4 Pinellas County Resource Recovery (PINCOUN)	QF	54.75	1/1/95 - 12/31/24	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	56,238,105
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,313,571	8,086,717	8,086,717	8,086,717	88,953,886
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0	0	0	0	0	0	0	0	0	0	0
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,016,449	5,550,785	2,815,069	2,816,679	1,738,090	4,096,953	5,413,842	6,559,806	7,304,380	2,851,285	2,833,088		45,996,426
8 Retail Wheeling				(10,726)	(9,947)	0	(17,012)	(2,126)	(837)	(8,413)	(36,277)	(9,642)	(2,514)	0	(97,493)	
9 CR-3 Projected Expense				0	0	0	0	0	0	0	0	0	0	0	0	0
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	6,306,517
11 Vandolah Capacity Purchase			June 2012 - May 2027	2,939,299	2,876,217	1,958,481	1,943,807	2,807,348	5,839,892	5,903,915	5,834,456	2,761,749	1,944,121	2,042,628		36,851,914
12 Schedule H Capacity Sales - Tallahassee	1	-1	on-going no term date	0	0	(32,469)	0	0	0	0	(32,125)	(5,587)	(61,457)	0		(131,637)
13 Shady Hills Tolling	1	517	4/1/07-4/30/24	1,973,160	1,973,160	1,973,160	802,440	1,912,680	3,911,760	3,904,200	3,904,200	1,821,960	1,371,600	1,371,600	1,371,600	24,919,920
14 RidgeGen Agreement Termination				708,094	704,621	701,149	697,676	694,203	690,731	687,052	683,585	680,117	676,649	673,181		7,597,058
15 Hamilton SoBRA True-Up				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	(133,589)	0	0		(133,589)
17 Lake Placid SoBRA True-Up				0	0	0	0	0	0	0	0	(213,688)	0	0		(213,688)
18 Trenton SoBRA True-Up				0	0	0	0	0	0	0	0	(597,927)	0	0		(597,927)
19 Debarry SoBRA True-Up				0	0	0	0	0	0	0	0	(77,810)	0	0		(77,810)
20 State Corporate Income Tax Change				0	0	(3,491,633)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)		(5,353,841)
TOTAL				37,350,944	38,831,881	31,654,613	33,741,670	34,648,275	42,036,580	43,398,675	44,184,870	39,254,898	34,277,764	34,418,578	0	413,798,746