



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

November 19, 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 October 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/cmK
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 November, 2020.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

OCTOBER 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)	104,146,362	90,833,949	13,312,413	14.7	3,665,240	3,483,413	181,827	5.2	2.8415	2.6076	0.2339	9.0
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,120,974	1,120,886	88	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	105,267,336	91,954,835	13,312,502	14.5	3,665,240	3,483,413	181,827	5.2	2.8720	2.6398	0.2322	8.8
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	6,677,913	4,358,593	2,319,320	53.2	133,136	162,374	(29,238)	(18.0)	5.0159	2.6843	2.3316	86.9
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)	655,147	128,590	526,557	409.5	16,279	3,276	13,004	397.0	4.0244	3.9257	0.0987	2.5
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	6,785,867	7,091,011	(305,144)	(4.3)	190,847	198,259	(7,413)	(3.7)	3.5557	3.5766	(0.0209)	(0.6)
9 TOTAL COST OF PURCHASED POWER	14,118,927	11,578,194	2,540,733	21.9	340,262	363,909	(23,646)	(6.5)	4.1494	3.1816	0.9678	30.4
10 TOTAL AVAILABLE MWH					4,005,502	3,847,322	158,181	4				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(345,564)	(258,600)	(86,964)	33.6	(14,319)	(8,219)	(6,100)	74.2	2.4133	3.1464	(0.7331)	(23.3)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(182,383)	(65,574)	(116,809)	178.1	(14,319)	(8,219)	(6,100)	74.2	1.2737	0.7978	0.4759	59.7
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	(8,649,275)	(7,253,825)	(1,395,451)	19.2	(298,683)	(370,015)	71,332	(19.3)	2.8958	1.9604	0.9354	47.7
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(9,177,223)	(7,577,999)	(1,599,224)	21.1	(313,002)	(378,234)	65,232	(17.3)	2.9320	2.0035	0.9285	46.3
14 NET INADVERTENT AND WHEELED INTERCHANGE					20,932	0	20,932					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	110,209,040	95,955,030	14,254,011	14.9	3,713,432	3,469,088	244,344	7.0	2.9678	2.7660	0.2018	7.3
16 NET UNBILLED	(674,681)	(8,232,261)	7,557,580	(91.8)	22,733	297,623	(274,890)	(92.4)	(0.0194)	(0.2324)	0.2130	(91.7)
17 COMPANY USE	148,357	364,634	(216,277)	(59.3)	(4,999)	(13,183)	8,184	(62.1)	0.0043	0.0103	(0.0060)	(58.3)
18 T & D LOSSES	7,310,048	5,851,793	1,458,255	24.9	(246,308)	(211,561)	(34,747)	16.4	0.2098	0.1652	0.0446	27.0
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	110,209,040	95,955,030	14,254,011	14.9	3,484,858	3,541,967	(57,109)	(1.6)	3.1625	2.7091	0.4534	16.7
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(462,878)	(431,798)	(31,080)	7.2	(14,633)	(16,080)	1,446	(9.0)	3.1632	2.6854	0.4778	17.8
21 JURISDICTIONAL KWH SALES	109,746,163	95,523,232	14,222,930	14.9	3,470,225	3,525,887	(55,662)	(1.6)	3.1625	2.7092	0.4533	16.7
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	109,780,184	95,552,845	14,227,339	14.9	3,470,225	3,525,887	(55,662)	(1.6)	3.1635	2.7100	0.4535	16.7
23 PRIOR PERIOD TRUE-UP	1,205,224	1,205,224	(0)	0.0	3,470,225	3,525,887	(55,662)	(1.6)	0.0347	0.0342	0.0005	1.5
24 TOTAL JURISDICTIONAL FUEL COST	110,985,408	96,758,069	14,227,339	14.7	3,470,225	3,525,887	(55,662)	(1.6)	3.1982	2.7442	0.4540	16.5
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.2005	2.7462	0.4543	16.5
27 GPIF	215,975	215,975			3,470,225	3,525,887			0.0062	0.0061	0.0001	1.6
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.207	2.752	0.454	16.5

*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 - OCTOBER 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)	884,875,656	841,766,521	43,109,135	5.1	34,519,820	34,308,620	211,200	0.6	2.5634	2.4535	0.1099	4.5
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	(1,278,663)	(1,275,772)	(2,891)	0.2	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	883,617,641	840,490,748	43,126,893	5.1	34,519,820	34,308,620	211,200	0.6	2.5597	2.4498	0.1099	4.5
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	55,044,775	50,412,599	4,632,176	9.2	1,616,666	1,615,316	1,350	0.1	3.4048	3.1209	0.2839	9.1
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)	3,773,303	3,283,841	489,462	14.9	121,194	104,615	16,579	15.9	3.1134	3.1390	(0.0256)	(0.8)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	69,188,668	72,180,735	(2,992,067)	(4.2)	2,008,248	2,094,859	(86,611)	(4.1)	3.4452	3.4456	(0.0004)	(0.0)
9 TOTAL COST OF PURCHASED POWER	128,006,746	125,877,175	2,129,571	1.7	3,746,107	3,814,790	(68,683)	(1.8)	3.4171	3.2997	0.1174	3.6
10 TOTAL AVAILABLE MWH					38,265,927	38,123,411	142,517	0.4				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,404,695)	(3,015,860)	611,164	(20.3)	(115,994)	(103,255)	(12,739)	12.3	2.0731	2.9208	(0.8477)	(29.0)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(1,018,625)	(901,883)	(116,743)	12.9	(115,994)	(103,255)	(12,739)	12.3	0.8782	0.8735	0.0047	0.5
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	(44,854,056)	(45,354,090)	500,034	(1.1)	(2,278,663)	(2,431,568)	152,905	(6.3)	1.9684	1.8652	0.1032	5.5
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(48,277,376)	(49,271,832)	994,456	(2.0)	(2,394,657)	(2,534,823)	140,166	(5.5)	2.0160	1.9438	0.0722	3.7
14 NET INADVERTENT AND WHEELED INTERCHANGE					203,934	110,445	93,489					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	963,347,011	917,096,092	46,250,919	5.0	36,075,204	35,699,033	376,171	1.1	2.6704	2.5690	0.1014	4.0
16 NET UNBILLED	13,041,463	2,038,103	11,003,360	539.9	(528,090)	(81,598)	(446,492)	547.2	0.0392	0.0061	0.0331	542.6
17 COMPANY USE	2,622,044	3,405,581	(783,537)	(23.0)	(99,759)	(132,216)	32,457	(24.6)	0.0079	0.0102	(0.0023)	(22.6)
18 T & D LOSSES	58,363,706	54,256,915	4,106,791	7.6	(2,187,711)	(2,112,999)	(74,712)	3.5	0.1755	0.1626	0.0129	7.9
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	963,347,011	917,096,092	46,250,919	5.0	33,259,644	33,372,220	(112,576)	(0.3)	2.8964	2.7481	0.1483	5.4
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(6,401,731)	(6,570,559)	168,828	(2.6)	(222,290)	(238,740)	16,449	(6.9)	2.8799	2.7522	0.1277	4.6
21 JURISDICTIONAL KWH SALES	956,945,280	910,525,532	46,419,747	5.1	33,037,353	33,133,480	(96,126)	(0.3)	2.8966	2.7481	0.1485	5.4
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	957,244,055	910,809,917	46,434,138	5.1	33,037,353	33,133,480	(96,126)	(0.3)	2.8975	2.7489	0.1486	5.4
23 PRIOR PERIOD TRUE-UP	(66,179,548)	(66,179,547)	(1)	0.0	33,037,353	33,133,480	(96,126)	(0.3)	(0.2003)	(0.1997)	(0.0006)	0.3
24 TOTAL JURISDICTIONAL FUEL COST	891,064,506	844,630,370	46,434,136	5.5	33,037,353	33,133,480	(96,126)	(0.3)	2.6972	2.5492	0.1480	5.8
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.6991	2.5510	0.1481	5.8
27 GPIF	2,159,748	2,159,750			33,037,353	33,133,480			0.0065	0.0065	0.0000	100.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.706	2.558	0.148	5.8

*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
OCTOBER 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	\$104,146,362	90,833,949	\$13,312,413	14.7	\$884,875,656	\$841,766,521	\$43,109,135	5.1
1a. COAL CAR SALE	0	0	0	0.0	20,648	0	20,648	0.0
2 . FUEL COST OF POWER SOLD	(345,564)	(258,600)	(86,964)	33.6	(2,404,695)	(3,015,860)	611,164	(20.3)
2a. GAIN ON POWER SALES	(182,383)	(65,574)	(116,809)	178.1	(1,018,625)	(901,883)	(116,743)	12.9
3 . FUEL COST OF PURCHASED POWER	6,677,913	4,358,593	2,319,320	53.2	55,044,775	50,412,599	4,632,176	9.2
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	6,785,867	7,091,011	(305,144)	(4.3)	69,188,668	72,180,735	(2,992,067)	(4.2)
4 . ENERGY COST OF ECONOMY PURCHASES	655,147	128,590	526,557	409.5	3,773,303	3,283,841	489,462	14.9
5 . TOTAL FUEL & NET POWER TRANSACTIONS	117,737,342	102,087,969	15,649,373	15.3	1,009,479,730	963,725,954	45,753,776	4.8
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(8,649,275)	(7,253,825)	(1,395,451)	19.2	(44,854,056)	(45,354,090)	500,034	(1.1)
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,120,974	1,120,886	88	0.0	(1,278,663)	(1,275,772)	(2,891)	0.2
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$110,209,040	\$95,955,030	\$14,254,011	14.9	\$963,347,011	\$917,096,092	\$46,250,919	5.0

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)	420	0	420		6,730	0	6,730	
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0		517,236	0	517,236	
TANK BOTTOM ADJUSTMENT	0	0	0		0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal P le)	0	0	0		0	0	0	
FPD AGREEMENT TERMINATION	1,120,554	0	1,120,554		11,397,211	0	11,397,211	
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	\$1,120,974	\$0	\$1,120,974		(\$1,278,663)	\$0	(\$1,278,663)	

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

B. KWH SALES

1 . JURISDICTIONAL SALES	3,470,224,822	3,525,887,369	(55,662,547)	(1.6)	33,037,352,305	33,133,479,862	(96,127,557)	(0.3)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	14,633,302	16,079,600	(1,446,298)	(9.0)	222,290,412	238,739,827	(16,449,415)	(6.9)
3 . TOTAL SALES	3,484,858,124	3,541,966,969	(57,108,845)	(1.6)	33,259,642,717	33,372,219,689	(112,576,972)	(0.3)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.58	99.55	0.03	0.0	99.33	99.28	0.05	0.1

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$116,073,927	\$117,871,449	(\$1,797,522)	(1.5)	\$1,024,308,372	\$1,022,096,041	\$2,212,331	0.2
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	66,179,548	66,179,547	1	0.0
2b. INCENTIVE PROVISION	(215,975)	(215,975)	0	0.0	(2,159,748)	(2,159,750)	3	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	114,652,729	116,450,250	(1,797,521)	(1.5)	1,088,328,173	1,086,115,838	2,212,335	0.2
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	110,209,040	95,955,030	14,254,011	14.9	963,347,011	917,096,092	46,250,919	5.0
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.58	99.55	0.03	0.0	99.33	99.28	0.05	0.1
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	109,780,184	95,552,845	14,227,339	14.9	957,244,055	910,809,917	46,434,138	5.1
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	4,872,545	20,897,406	(16,024,861)	(76.7)	131,084,118	175,305,921	(44,221,803)	(25.2)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	1,806	4,965	(3,158)	(63.6)	(64,111)	(58,227)	(5,884)	10.1
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	22,762,970	50,962,639	(28,199,669)	(55.3)	(35,997,914)	(35,997,914)	(0)	0.0
10. TRUE UP COLLECTED (REFUNDED)	1,205,224	1,205,224	(0)	0.0	(66,179,548)	(66,179,547)	(1)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	28,842,544	73,070,233	(44,227,689)	(60.5)	28,842,544	73,070,233	(44,227,689)	(60.5)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$28,842,544	73,070,233	(44,227,689)	(60.5)	\$28,842,544	73,070,233	(44,227,689)	(60.5)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	\$22,762,970	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	28,840,738	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	51,603,708	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	25,801,854	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.070	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.100	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.170	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.085	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.007	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$1,806	N/A	--	--				

NOT

A-3 Generating System Comparative Data Report

Report Period : 10/1/2020 to 10/1/2020

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	1,210,581	950,529	260,052	27.4 %
3 - COAL	22,666,284	16,111,023	6,555,261	40.7 %
4 - GAS	80,269,496	73,772,397	6,497,099	8.8 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	104,146,362	90,833,949	13,312,413	14.7 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	3,733	3,167	566	17.9 %
11 - COAL	661,336	408,473	252,863	61.9 %
12 - GAS	2,943,007	3,000,650	(57,643)	(1.9 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	57,164	71,123	(13,959)	(19.6 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,665,240	3,483,413	181,827	5.2 %
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	11,566	7,906	3,660	46.3 %
19 - COAL (TON)	292,908	182,641	110,267	60.4 %
20 - GAS (MCF)	22,153,591	22,397,111	(243,520)	(1.1 %)
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 O L	0	0	0	0.0 %
25 - LIGHT OIL	66,648	46,068	20,580	44.7 %
26 - COAL	6,453,935	4,325,020	2,128,915	49.2 %
27 - GAS	22,709,866	22,397,111	312,755	1.4 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	29,230,449	26,768,199	2,462,250	9.2 %
GENERATION MIX (% MWH)				
32 - HEAVY O L	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.09	0.0	12.0 %
34 - COAL	18.0	11.73	6.3	53.9 %
35 - GAS	80.3	86.14	(5.8)	(6.8 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.6	2.04	(0.5)	(23.6 %)
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 : 10/1/2020 to 10/1/2020

Duke Energy Florida, LLC

40 - HEAVY O L (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	104.67	120.23	(15.56)	(12.9 %)
42 - COAL (\$/TON)	77.38	88.21	(10.83)	(12.3 %)
43 - GAS (\$/MCF)	3.62	3.29	0.33	10.0 %
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY O L	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	18.16	20.63	(2.47)	(12.0 %)
49 - COAL	3.51	3.73	(0.21)	(5.7 %)
50 - GAS	3.53	3.29	0.24	7.3 %
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)	3.56	3.39	0.17	5.0 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	17,854	14,546	3,308	22.7 %
57 - COAL	9,759	10,588	(829)	(7.8 %)
58 - GAS	7,717	7,464	252	3.4 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,975	7,684	291	3.8 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	32.43	30.01	2.42	8.1 %
65 - COAL	3.43	3.94	(0.52)	(13.1 %)
66 - GAS	2.73	2.46	0.27	10.9 %
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)	2.84	2.61	0.23	9.0 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 10/1/2020

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	11,343,683	8,453,059	2,890,624	34.2 %
3 - COAL	121,936,779	86,845,979	35,090,800	40.4 %
4 - GAS	751,595,194	746,467,483	5,127,711	0.7 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	884,875,656	841,766,521	43,109,135	5.1 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	27,080	20,602	6,478	31.4 %
11 - COAL	3,081,213	2,125,649	955,564	45.0 %
12 - GAS	30,808,695	31,513,688	(704,993)	(2.2 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	602,832	648,681	(45,849)	(7.1 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	34,519,820	34,308,620	211,200	0.6 %
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	96,739	71,882	24,857	34.6 %
19 - COAL (TON)	1,469,882	964,814	505,068	52.3 %
20 - GAS (MCF)	228,679,627	233,693,350	(5,013,723)	(2.1 %)
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 O L	0	0	0	0.0 %
25 - LIGHT OIL	511,830	370,777	141,053	38.0 %
26 - COAL	33,138,033	22,757,348	10,380,685	45.6 %
27 - GAS	234,357,981	236,919,852	(2,561,871)	(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)	268,007,843	260,047,977	7,959,866	3.1 %
GENERATION MIX (% MWH)				
32 - HEAVY O L	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.06	0.0	30.6 %
34 - COAL	8.9	6.20	2.7	44.1 %
35 - GAS	89.2	91.85	(2.6)	(2.8 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.7	1.89	(0.1)	(7.6 %)
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 : 1/1/2020 to 10/1/2020

Duke Energy Florida, LLC

40 - HEAVY O L (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	117.26	117.60	(0.34)	(0.3 %)
42 - COAL (\$/TON)	82.96	90.01	(7.06)	(7.8 %)
43 - GAS (\$/MCF)	3.29	3.19	0.09	2.9 %
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY O L	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	22.16	22.80	(0.64)	(2.8 %)
49 - COAL	3.68	3.82	(0.14)	(3.6 %)
50 - GAS	3.21	3.15	0.06	1.8 %
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)	3.30	3.24	0.06	2.0 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	18,901	17,997	904	5.0 %
57 - COAL	10,755	10,706	49	0.5 %
58 - GAS	7,607	7,518	89	1.2 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,764	7,580	184	2.4 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	41.89	41.03	0.86	2.1 %
65 - COAL	3.96	4.09	(0.13)	(3.1 %)
66 - GAS	2.44	2.37	0.07	3.0 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	2.56	2.45	0.11	4.5 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 10/1/2020 to 10/1/2020

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	13,979.00	25			0					0	0	0.000
Debary Solar 1													
TOTAL DSF 1	74	8,373.00	15			0					0	0	0.000
Hamilton Solar Facility													
TOTAL HSF 1	75	12,471.00	22			0					0	0	0.000
Lake Placid Solar Facility													
TOTAL LKP 1	45	6,870.00	21			0					0	0	0.000
Osceola Solar Facility 1													
TOTAL UNIT 1	4	294.00	10			0					0	0	0.000
Perry Solar Facility 1													
TOTAL UNIT 1	5	731.00	20			0					0	0	0.000
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,490.00	22			0					0	0	0.000
Trenton Solar Facility													
TOTAL TRN 1	75	12,913.00	23			0					0	0	0.000
St. Pete Pier													
	0.35	42.60	16			0					0	0	0.000
TOTAL Solar	362	57,163.60				0					0	0	0.000
Steam													
Anclote													
		135,132.00					Gas	1,534,359	1.028	1,577,321	5,532,588	4.094	3.606
TOTAL UNIT 1	521	135,132.00	35			11,672				1,577,321	5,532,588	4.094	
		118,955.00					Gas	1,332,694	1.028	1,370,009	4,805,425	4.040	3.606
TOTAL UNIT 2	514	118,955.00	31			11,517				1,370,009	4,805,425	4.040	
Crystal River 4 & 5													
		331,281.00					Coal	145,946	22.034	3,215,774	11,293,831	3.409	77.384
		0.00					No 2	1,345	5.741	7,722	210,974	0.000	156.858
TOTAL UNIT 4	721	331,281.00	62			9,730				3,223,496	11,504,805	3.473	
		330,055.00					Coal	146,962	22.034	3,238,161	11,372,453	3.446	77.384
		0.00					No 2	1,212	5.741	6,958	190,112	0.000	156.858
TOTAL UNIT 5	721	330,055.00	62			9,832				3,245,119	11,562,565	3.503	
TOTAL Steam	2,477	915,423.00				10,286				9,415,946	33,405,382	4.000	
Gas Turbine													
Avon Park Peaker													
		564.82					No 2	1,616	5.816	9,399	0	0.000	
		45.48					Gas	737	1.027	757	2,626	5.774	3.564
TOTAL APP	50	610.00	2			16,641				10,156	2,626	0.430	
Bartow Combined Cycle													
		666,148.00					Gas	4,821,216	1.022	4,927,283	16,091,278	2.416	3.263
TOTAL BCC	1,308	666,148.00	68			7,397				4,927,283	16,091,278	2.416	
Bartow Peaker													
		506.41					No 2	1,367	5.712	7,808	142,217	28.083	104.036
		1,790.59					Gas	26,857	1.028	27,609	96,592	5.394	3.597
TOTAL BAP	223	2,297.00	1			15,419				35,417	238,810	10.397	
Bayboro Peaker													
		545.00					No 2	1,351	5.712	7,717	188,911	34.663	139.831
TOTAL BYP	179	545.00	0			14,159				7,717	188,911	34.663	

A-4 System Net Generation and Fuel Cost Report

Report Period : 10/1/2020 to 10/1/2020

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	551,530.00	39			6,850	Gas	3,667,960	1.030	3,777,999	17,435,412	3.161	4.753
Debary Peaker													
		703.95					No 2	1,716	5.768	9,898	195,929	27.833	114.178
		8,376.05					Gas	114,226	1.031	117,767	413,273	4.934	3.618
TOTAL DEP	612	9,080.00	2			14,060				127,665	609,203	6.709	
Hines Energy													
		341.06					No 2	425	5.775	2,454	33,550	9.837	78.942
		979,787.94					Gas	6,892,366	1.023	7,050,890	23,391,441	2.387	3.394
TOTAL HEP	2,184	980,129.00	60			7,196				7,053,345	23,424,991	2.390	
Intercession City Peaker													
		993.17					No 2	2,338	5.796	13,551	230,861	23.245	98.743
		26,116.01					Gas	346,288	1.029	356,330	1,148,134	4.396	3.316
TOTAL ICP	1,105	27,109.00	3			13,644				369,881	1,378,995	5.087	
Osprey													
TOTAL OSP	600	292,801.00	66			7,267	Gas	2,071,815	1.027	2,127,754	6,947,114	2.373	3.353
Suwannee Peaker													
		79.03					No 2	196	5.817	1,140	18,026	22.810	91.968
		4,497.37					Gas	63,117	1.028	64,884	227,901	5.067	3.611
TOTAL SRP	203	4,576.00	3			14,427				66,024	245,927	5.374	
Tiger Bay Cogen													
TOTAL TBP	231	142,472.00	83			7,875	Gas	1,097,877	1.022	1,122,030	3,636,817	2.553	3.313
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		15,355.70					Gas	184,079	1.028	189,232	540,895	3.522	4.231
TOTAL UFP	43	15,356.00	48			12,323				189,232	540,895	3.522	
TOTAL Gas Turbine	8,622	2,692,654.00				7,359				19,814,503	70,740,980	2.627	
SYSTEM TOTAL	11,461	3,665,240.18				7,975				29,230,449	104,146,362	2.841	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 10/1/2020

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	124,195.00	23			0					0	0	0.000
Debary Solar 1													
TOTAL DSF 1	74	65,508.00	12			0					0	0	0.000
Hamilton Solar Facility													
TOTAL HSF 1	75	152,804.00	28			0					0	0	0.000
Lake Placid Solar Facility													
TOTAL LKP 1	45	84,603.00	26			0					0	0	0.000
Osceola Solar Facility 1													
TOTAL UNIT 1	4	4,785.00	16			0					0	0	0.000
Perry Solar Facility 1													
TOTAL UNIT 1	5	7,568.00	21			0					0	0	0.000
Suwanee Solar Facility													
TOTAL UNIT 1	9	15,458.00	23			0					0	0	0.000
Trenton Solar Facility													
TOTAL TRN 1	75	147,711.00	27			0					0	0	0.000
St. Pete Pier	0.35	199.90	11			0					0	0	0.000
TOTAL Solar	362	602,831.90				0					0	0	0.000
Steam													
Anclote													
		1,059,977.00					Gas	12,140,284	1.026	12,457,160	43,957,971	4.147	3.621
TOTAL UNIT 1	521	1,059,977.00	28			11,752				12,457,160	43,957,971	4.147	
		865,614.00					Gas	9,898,769	1.026	10,155,947	34,849,873	4.026	3.521
TOTAL UNIT 2	514	865,614.00	23			11,733				10,155,947	34,849,873	4.026	
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	25			10,818				14,097,990	53,797,740	4.128	
		1,778,013.00					Coal	842,507	22.677	19,105,180	70,482,387	3.964	83.658
		0.00					No 2	17,359	4.784	83,038	2,325,649	0.000	133.974
TOTAL UNIT 5	721	1,778,013.00	34			10,792				19,188,218	72,808,036	4.095	
TOTAL Steam	2,477	5,006,804.00				11,165				55,899,316	205,413,620	4.000	
Gas Turbine													
Avon Park Peaker													
		564.82					No 2	1,616	5.816	9,399	0	0.000	
		45.48					Gas	737	1.027	757	2,626	5.774	3.564
TOTAL APP	50	610.00	0			16,641				10,156	2,626	0.430	
Bartow Combined Cycle													
		6,065,055.00					Gas	44,347,107	1.022	45,312,053	130,714,466	2.155	2.940
TOTAL BCC	1,308	6,065,055.00	63			7,471				45,312,053	130,714,466	2.155	
Bartow Peaker													
		2,258.26					No 2	6,062	5.712	34,626	630,596	27.924	104.024
		13,779.74					Gas	206,152	1.025	211,287	711,341	5.162	3.451
TOTAL BAP	223	16,038.00	1			15,333				245,913	1,341,936	8.367	
Bayboro Peaker													
		3,368.35					No 2	8,525	5.712	48,695	1,191,337	35.369	139.746
TOTAL BYP	238	3,368.00	0			14,457				48,695	1,191,337	35.369	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 10/1/2020

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	9,753,133.00 9,753,133.00	71			6,836	Gas	64,785,233	1.029	66,673,558 66,673,558	241,555,669 241,555,669	2.477 2.477	3.729
Debary Peaker													
TOTAL DEP	707	7,519.94 114,159.06 121,679.00	2			13,889	No 2 Gas	18,106 1,542,382	5.769 1.028	104,448 1,585,606 1,690,054	2,067,546 5,449,838 7,517,384	27.494 4.774 6.178	114.191 3.533
Hines Energy													
TOTAL HEP	2,184	2,482.37 9,864,386.63 9,866,869.00	62			7,318	No 2 Gas	3,144 70,567,463	5.778 1.023	18,166 72,185,634 72,203,799	248,838 219,289,809 219,538,647	10.024 2.223 2.225	79.147 3.108
Intercession City Peaker													
TOTAL ICP	1,198	9,950.63 270,127.78 280,078.00	3			13,548	No 2 Gas	23,239 3,565,693	5.801 1.026	134,813 3,659,750 3,794,563	2,294,474 10,133,284 12,427,758	23.059 3.751 4.437	98.734 2.842
Osprey													
TOTAL OSP	600	1,875,314.00 1,875,314.00	43			7,381	Gas	13,551,171	1.021	13,841,656 13,841,656	39,389,590 39,389,590	2.100 2.100	2.907
Suwannee Peaker													
TOTAL SRP	203	935.28 47,713.82 48,649.00	3			14,442	No 2 Gas	2,322 671,455	5.817 1.026	13,507 689,067 702,574	213,549 2,392,372 2,605,921	22.832 5.014 5.357	91.968 3.563
Tiger Bay Cogen													
TOTAL TBP	231	609,699.00 609,699.00	36			7,931	Gas	4,724,036	1.024	4,835,309 4,835,309	14,451,118 14,451,118	2.370 2.370	3.059
Univ of Florida Cogen													
TOTAL UFP	46	0.00 269,691.00 269,691.00	80			10,198	No 2 Gas	0 2,679,145	0.000 1.027	0 2,750,197 2,750,197	28,347 8,697,236 8,725,584	0.000 3.225 3.235	0.000 3.316
TOTAL Gas Turbine	8,872	28,910,184.00				7,337				212,108,528	679,462,037	2.350	
SYSTEM TOTAL	11,711	34,519,820.06				7,764				268,007,843	884,875,656	2.563	

A-5 System Generation Fuel Cost Report

Report Period : 10/1/2020 to 10/1/2020

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)	2,657	7,906	(5,249)	(66.4%)
20 - UNIT COST (\$/BBL)	165.58	120 23	45.35	37.7%
21 - AMOUNT (\$)	439,954	950,529	(510,575)	(53.7%)
22 - BURNED				
23 - UNITS (BBL)	11,566	7,906	3,660	46.3%
24 - UNIT COST (\$/BBL)	104.67	120 23	(15 56)	(12.9%)
25 - AMOUNT (\$)	1,210,581	950,529	260,052	27.4%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	548,616	586,874	(38,258)	(6.5%)
31 - UNIT COST (\$/BBL)	108.78	108 36	0.42	0.4%
32 - AMOUNT (\$)	59,679,264	63,592,212	(3,912,948)	(6.2%)
33 -				
34 - DAYS SUPPLY	1,709	2,227	(518)	(23.3%)

A-5 System Generation Fuel Cost Report

Report Period : 10/1/2020 to 10/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	251,880	182,641	69,239	37.9%
37 - UNIT COST (\$/TON)	75.82	88.21	(12.39)	(14.0%)
38 - AMOUNT (\$)	19,097,829	16,111,023	2,986,806	18.5%
39 - BURNED				
40 - UNITS (TON)	292,908	182,641	110,267	60.4%
41 - UNIT COST (\$/TON)	77.38	88.21	(10.83)	(12.3%)
42 - AMOUNT (\$)	22,666,284	16,111,023	6,555,261	40.7%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	215,399	520,729	(305,330)	(58.6%)
48 - UNIT COST (\$/TON)	77.38	86.03	(8.65)	(10.1%)
49 - AMOUNT (\$)	16,668,390	44,798,943	(28,130,554)	(62.8%)
50 -				
51 - DAYS SUPPLY	23	86	(63)	(73.3%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	22,153,591	22,397,111	(243,520)	(1.1%)
54 - UNIT COST (\$/MCF)	3.62	3.29	0.33	10.0%
55 - AMOUNT (\$)	80,269,496	73,772,397	6,497,099	8.8%
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 10/1/2020

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)	38,350	53,094	(14,744)	(27.8%)
20 - UNIT COST (\$/BBL)	126.70	110.77	15 93	14.4%
21 - AMOUNT (\$)	4,858,946	5,881,271	(1,022,325)	(17.4%)
22 - BURNED				
23 - UNITS (BBL)	96,739	71,882	24,857	34.6%
24 - UNIT COST (\$/BBL)	117.26	117 60	(0 34)	(0.3%)
25 - AMOUNT (\$)	11,343,683	8,453,059	2,890,624	34.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	548,616	586,874	(38,258)	(6.5%)
31 - UNIT COST (\$/BBL)	108.78	108 36	0.42	0.4%
32 - AMOUNT (\$)	59,679,264	63,592,212	(3,912,948)	(6.2%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2020 to 10/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,347,161	1,147,422	199,739	17.4%
37 - UNIT COST (\$/TON)	83.90	92.43	(8.54)	(9.2%)
38 - AMOUNT (\$)	113,020,419	106,060,173	6,960,246	6.6%
39 - BURNED				
40 - UNITS (TON)	1,469,882	964,814	505,068	52.3%
41 - UNIT COST (\$/TON)	82.96	90.01	(7.06)	(7.8%)
42 - AMOUNT (\$)	121,936,779	86,845,979	35,090,800	40.4%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	215,399	520,729	(305,330)	(58.6%)
48 - UNIT COST (\$/TON)	77.38	86.03	(8.65)	(10.1%)
49 - AMOUNT (\$)	16,668,390	44,798,943	(28,130,554)	(62.8%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	228,679,627	233,693,350	(5,013,723)	(2.1%)
54 - UNIT COST (\$/MCF)	3.29	3.19	0.09	2.9%
55 - AMOUNT (\$)	751,595,194	746,467,483	5,127,711	0.7%
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
October 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		8,219		8,219	3.146	3 944	258,600.00	324,174.00	65,574.00
ACTUAL									
Florida Municipal Power Agency	CR-1	1,300		1,300	3.052	4 229	39,680.00	54,972.00	15,292.00
Orlando Utilities Commission	Schedule OS	5,630		5,630	3.236	4 693	182,194.00	264,192.30	81,998.30
Reedy Creek Improvement District	CR-1	6,380		6,380	1.435	1 821	91,533.75	116,154.80	24,621.05
Tallahassee (City of)	Schedule OS	800		800	3.625	5 019	29,000.58	40,155.18	11,154.60
The Energy Authority	EEL	154		154	1.446	1 825	2,226.12	2,810.80	584.68
The Energy Authority	Schedule OS	55		55	1.690	2 230	929.65	1,226.75	297.10
Adjustments									
Tampa Electric Company								48,434.62	48,434.62
PJM Settlements								0.98	0.98
Subtotal - Gain on Other Power Sales		14,319	-	14,319	2.413	3 687	345,564.10	527,947.43	182,383.33
CURRENT MONTH TOTAL		14,319		14,319	2.413	3 687	345,564.10	527,947.43	182,383.33
DIFFERENCE		6,100		6,100	(0.733)	(0 257)	86,964.10	203,773.43	116,809.33
DIFFERENCE %		74.22		74.22	(23.30)	(6.52)	33.63	62.86	178.13
CUMULATIVE ACTUAL		115,994		115,994	2.073	2 951	2,404,695.22	3,423,320.55	1,018,625.33
CUMULATIVE EST MATED		103,256		103,256	2.921	3.794	3,015,860.00	3,917,742.00	901,883.00
DIFFERENCE		12,738		12,738	-0.848	(0 843)	(611,164.78)	(494,421.45)	116,742.33
DIFFERENCE %		12.34		12.34	(29.02)	(22.22)	(20.27)	(12.62)	12.94

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF
October, 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		162,374			162,374	2.684	2.684	4,358,593.00	4,358,593.00
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	34,562			34,562	5.045	5.045	1,743,811.14	1,743,811.14
Southern Power Company	Franklin	6,364			6,364	8.927	8.927	568,119.75	568,119.75
Vandolah Power Company L.L.C.	TOLL	92,118			92,118	4.728	4.728	4,355,439.40	4,355,439.40
ADJUSTMENTS									
Shady Hills Power Company, L.L.C.	TOLL	9			9	57.691	57.691	5,192.17	5,192.17
Southern Power Company	Franklin	-			-	-	-	(9,167.10)	(9,167.10)
Vandolah Power Company L.L.C.	TOLL	83			83	17.491	17.491	14,517.23	14,517.23
CURRENT MONTH TOTAL		133,136			133,136	5.016	5.016	6,677,912.59	6,677,912.59
DIFFERENCE		(29,238)			(29,238)	2.332	2.332	2,319,319.59	2,319,319.59
DIFFERENCE %		(18)			(18)	86.859	86.859	53.21	53.21
CUMULATIVE ACTUAL		1,616,666			1,616,666	3.405	3.405	55,044,774.79	55,044,774.79
CUMULATIVE EST MATED		1,615,317			1,615,317	3.121	3.121	50,412,599.00	50,412,599.00
DIFFERENCE		1,349			1,349	0.284	0.284	4,632,175.79	4,632,175.79
DIFFERENCE %		0			0	1.890	1.890	9.19	9.19

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF
OCTOBER, 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		198,259	-	-	198,259	3.577	17.275	7,091,010.74
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	- (1)			- (1)		0.000	- (24.02)
Lake County (LAKCOUNT) ADJ	CO-GEN	141 -			141 -	1.506	1.506	2,124.02 (186.66)
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,228 -			1,228 -	1.738	1.738	21,347.28 (94.47)
Orange Cogen (ORANGECO) ADJ	CO-GEN	36,814 -			36,814 -	3.734	19.730	1,374,487.63 1,727.99
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	80,702 -			80,702 -	5.137	12.450	4,146,064.21 (22,179.48)
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	11,241 -			11,241 -	1.803	20.651	202,682.36 (29,088.16)
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	21 (44)			21 (44)	1.614	1.614	344.36 (1,284.49)
Pinellas County Resource Recovery (P NCOUNT) ADJ	CO-GEN	21,029 -			21,029 -	1.786	25.717	375,681.75 (80,185.65)
Polk Power Partners, L P. (MULBERRY) ADJ	CO-GEN	39,716 -			39,716 -	2.182	22.362	866,772.10 (72,321.83)
CURRENT MONTH TOTAL		190,847			190,847	3.556	17.786	6,785,866.93
D FFERENCE		(7,413)			(7,413)	(0.021)	0.511	(305,143.81)
D FFERENCE %		(3.74)			(3.74)	(0.59)	2.96	(4.30)
CUMULATIVE ACTUAL		2,008,247			2,008,247	3.445	16.968	69,188,667.76
CUMULATIVE ESTIMATED		2,094,858			2,094,858	3.446	16.410	72,180,734.93
CUMULATIVE DIFFERENCE		(86,612)			(86,612)	(0.000)	0.558	(2,992,067.17)
CUMULATIVE DIFFERENCE %		(4.13)			(4.13)	(0.01)	3.40	(4.15)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF
OCTOBER, 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 \$
ESTIMATED		3,276	3.926	128,590	4.404	144,270.00	15,680 00
ACTUAL							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	4,785	2.626	125,660.48	2.626	125,660.48	-
Exelon Generation Company, LLC	InternationalSwapsDe	2,310	3.837	88,630.00	5.250	121,270.96	32,640 96
Florida Power & Light Company	Transmission Purchase	-	0.000	46,288.00	0.000	-	(46,288 00)
Florida Power & Light Company		1,300	3.669	47,700.00	3.212	41,760.00	(5,940 00)
Macquarie Energy LLC		3,179	4.100	130,339.00	3.762	119,589.60	(10,749.40)
Morgan Stanley Capital Group Inc.	EEI	800	3.000	24,000.00	4.261	34,088.00	10,088 00
Southern Company Services, Inc.	EEI	3,880	4.896	189,950.00	6.125	237,631.90	47,681 90
Tallahassee (City of)	Schedule OS	25	0.800	200.00	1.700	425.00	225 00
ADJUSTMENTS							
Florida Power & Light Company				2,165.08			(2,165 08)
Jacksonville Energy Authority				215.73			(215.73)
Southern Company Services, Inc.	Transmission Purchase			0.02			(0 02)
PJM Settlements				(0.98)			0 98
SubTotal - Energy Purchases (Non-Broker)		16,279	4.024	655,147.33	4.180	680,425.94	25,278 61
CURRENT MONTH TOTAL		16,279	4.024	655,147.33	4.180	680,425.94	25,278 61
DIFFERENCE		13,004	0.099	526,557.33	(0.225)	536,155.94	9,598 61
DIFFERENCE %		397	2.515	409.49	(5.101)	371.63	61 22
CUMULATIVE ACTUAL		121,194	3.113	3,773,303.38	3.799	4,604,317.41	831,014 63
CUMULATIVE ESTIMATED		104,615	3.139	3,283,841.00	3.890	4,069,911.00	786,070 00
DIFFERENCE		16,579	(0.026)	489,462.38	(0.091)	534,406.41	44,944 63
DIFFERENCE %		16	(0.813)	14.91	(2.345)	13.13	5.72

** The calculation of the August 2020 Cumulative Actual Fuel Savings \$ was inadvertently shown as a savings versus a cost. This did not impact August 2020 A1/A2 fuel costs or the true-up balance as the Fuel Savings \$ on the A9 is shown for informational purposes only. DEF has corrected the October 2020 Cumulative Actual Fuel Savings \$ to reflect the proper calculation.

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	58,871,693
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	59,233,549
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	21,477,400
4 Pinellas County Resource Recovery (PINCOUNT)	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	51,125,550
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	80,867,169
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			43,163,337
8 Retail Wheeling				(10,726)	(9,947)	0	(17,012)	(2,126)	(837)	(8,413)	(36,277)	(9,642)	(2,514)			(97,493)
9 CR-3 Projected Expense				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	5,733,197
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			34,809,285
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)			(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			23,548,320
14 RidgeGen Agreement Termination				708,094	704,621	701,149	697,676	694,203	690,731	687,052	683,585	680,117	676,649			6,923,877
15 Hamilton SoBRA True-Up				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			(133,589)
17 Lake Placid SoBRA True-Up				0	0	0	0	0	0	0	0	(213,688)	0			(213,688)
18 Trenton SoBRA True-Up				0	0	0	0	0	0	0	0	(597,927)	0			(597,927)
19 Debary SoBRA True-Up				0	0	0	0	0	0	0	0	(77,810)	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)			(5,121,065)
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	0	0	379,380,168