



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

January 23, 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, are Schedules A1 through A9 and A12 for the reporting month of December, 2019.

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 23rd day of January, 2020.

/s/ Matthew R. Bernier

Attorney

<p>Suzanne Brownless Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us</p> <p>J. Beasley / J. Wahlen / M. Means Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com mmeans@ausley.com</p> <p>Steven Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 srg@beggslane.com</p> <p>Russell A. Badders Gulf Power Company One Energy Place Pensacola, FL 32520 russell.badders@nexteraenergy.com</p> <p>Kenneth A. Hoffman Florida Power & Light Company 134 W. Jefferson Street Tallahassee, FL 32301-1713 ken.hoffman@fpl.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com mqualls@moylelaw.com</p>	<p>J.R. Kelly / T. David Office of Public Counsel 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 kelly.jr@leg.state.fl.us david.tad@leg.state.fl.us</p> <p>Paula K. Brown Regulatory Affairs Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111 regdept@tecoenergy.com</p> <p>Maria Moncada / David Lee Florida Power & Light Company 700 Universe Blvd. (LAW/JB) Juno Beach, FL 33408-0420 maria.moncada@fpl.com david.lee@fpl.com</p> <p>James Brew / Laura W. Baker Stone Law Firm 1025 Thomas Jefferson St., N.W. Suite 800 West Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com</p> <p>Mike Cassel Florida Public Utilities Company 1750 S. 14th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p>
--	--

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

DECEMBER 2019

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	79,539,979	92,653,910	(13,113,931)	(14.2)	2,658,498	3,115,729	(457,230)	(14.7)	2.9919	2.9737	0.0182	0.6
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	4,157,828	1,162,111	2,995,717	257.8	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	83,697,806	93,816,021	(10,118,215)	(10.8)	2,658,498	3,115,729	(457,230)	(14.7)	3.1483	3.0110	0.1373	4.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	3,380,078	1,106,770	2,273,308	205.4	78,567	28,174	50,393	178.9	4.3022	3.9283	0.3739	9.5
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)	340,062	223,111	116,951	52.4	12,124	6,202	5,922	95.5	2.8049	3.5975	(0.7926)	(22.0)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	8,695,897	10,026,097	(1,330,200)	(13.3)	207,155	254,820	(47,665)	(18.7)	4.1978	3.9346	0.2632	6.7
9 TOTAL COST OF PURCHASED POWER	12,416,037	11,355,978	1,060,059	9.3	297,846	289,196	8,650	3.0	4.1686	3.9267	0.2419	6.2
10 TOTAL AVAILABLE MWH					2,956,344	3,404,924	(448,580)	(13)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(61,580)	(214,445)	152,865	(71.3)	(3,995)	(8,274)	4,279	(51.7)	1.5414	2.5918	(1.0504)	(40.5)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(19,816)	(56,756)	37,140	(65.4)	(3,995)	(8,274)	4,279	(51.7)	0.4910	0.6860	(0.1950)	(28.4)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	3,923	11,351	(7,428)	(65.4)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(1,685,206)	(4,006,072)	2,322,865	(58.0)	(72,866)	(156,130)	83,264	(53.3)	2.3127	2.5671	(0.2544)	(9.9)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,762,479)	(4,267,921)	2,505,443	(58.7)	(76,861)	(164,404)	87,543	(53.3)	2.2931	2.5960	(0.3029)	(11.7)
14 NET INADVERTENT AND WHEELED INTERCHANGE					5,417	0	5,417					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	94,351,364	100,904,077	(6,552,713)	(6.5)	2,884,900	3,240,520	(355,620)	(11.0)	3.2705	3.1138	0.1567	5.0
16 NET UNBILLED	457,158	4,116,937	(3,659,779)	(88.9)	(13,978)	(132,215)	118,237	(89.4)	0.0165	0.1423	(0.1258)	(88.4)
17 COMPANY USE	448,709	648,184	(199,475)	(30.8)	(13,720)	(20,816)	7,097	(34.1)	0.0162	0.0224	(0.0062)	(27.7)
18 T & D LOSSES	2,732,976	6,059,654	(3,326,678)	(54.9)	(83,564)	(194,605)	111,041	(57.1)	0.0985	0.2095	(0.1110)	(53.0)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	94,351,364	100,904,077	(6,552,713)	(6.5)	2,773,639	2,892,884	(119,245)	(4.1)	3.4017	3.4880	(0.0863)	(2.5)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(415,146)	(484,340)	69,194	(14.3)	(12,087)	(13,906)	1,819	(13.1)	3.4346	3.4829	(0.0483)	(1.4)
21 JURISDICTIONAL KWH SALES	93,936,218	100,419,738	(6,483,519)	(6.5)	2,761,551	2,878,978	(117,426)	(4.1)	3.4016	3.4880	(0.0864)	(2.5)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034	93,968,157	100,453,881	(6,485,724)	(6.5)	2,761,551	2,878,978	(117,426)	(4.1)	3.4027	3.4892	(0.0865)	(2.5)
23 PRIOR PERIOD TRUE-UP	12,370,910	12,370,910	(0)	0.0	2,761,551	2,878,978	(117,426)	(4.1)	0.4480	0.4297	0.0183	4.3
24 TOTAL JURISDICTIONAL FUEL COST	106,339,066	112,824,791	(6,485,724)	(5.8)	2,761,551	2,878,978	(117,426)	(4.1)	3.8507	3.9189	(0.0682)	(1.7)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.8535	3.9217	(0.0682)	(1.7)
27 GPIF	(191,794)	(191,792)			2,761,551	2,878,978			(0.0069)	(0.0067)	(0.0002)	3.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.847	3.915	(0.068)	(1.8)

*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 - DECEMBER 2019

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	1,230,882,664	1,228,035,464	2,847,200	0.2	39,739,171	40,089,304	(350,134)	(0.9)	3.0974	3.0632	0.0342	1.1
2 COAL CAR SALE	(178,380)	0	(178,380)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	20,106,418	14,343,516	5,762,902	40.2	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	1,250,810,702	1,242,378,980	8,431,722	0.7	39,739,171	40,089,304	(350,134)	(0.9)	3.1476	3.0990	0.0486	1.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	93,905,144	76,836,292	17,068,852	22.2	2,351,996	1,967,131	384,865	19.6	3.9926	3.9060	0.0866	2.2
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)	5,914,484	2,923,082	2,991,402	102.3	144,528	74,548	69,981	93.9	4.0923	3.9211	0.1712	4.4
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	99,477,111	110,423,752	(10,946,641)	(9.9)	2,487,579	2,724,789	(237,210)	(8.7)	3.9990	4.0526	(0.0536)	(1.3)
9 TOTAL COST OF PURCHASED POWER	199,296,739	190,183,126	9,113,613	4.8	4,984,104	4,766,468	217,636	4.6	3.9986	3.9900	0.0086	0.2
10 TOTAL AVAILABLE MWH					44,723,275	44,855,772	(132,497)	(0.3)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(4,456,354)	(4,834,701)	378,347	(7.8)	(151,162)	(141,389)	(9,773)	6.9	2.9481	3.4194	(0.4713)	(13.8)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(1,649,135)	(1,656,431)	7,296	(0.4)	(151,162)	(141,389)	(9,773)	6.9	1.0910	1.1715	(0.0805)	(6.9)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	78,518	64,544	13,973	21.7	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(55,795,180)	(54,653,263)	(1,141,918)	2.1	(2,680,833)	(2,453,803)	(227,030)	9.3	2.0813	2.2273	(0.1460)	(6.6)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(61,822,152)	(61,079,851)	(742,302)	1.2	(2,831,995)	(2,595,192)	(236,803)	9.1	2.1830	2.3536	(0.1706)	(7.3)
14 NET INADVERTENT AND WHEELED INTERCHANGE					229,627	107,645	121,982					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	1,388,285,289	1,371,482,256	16,803,034	1.2	42,120,907	42,368,225	(247,318)	(0.6)	3.2960	3.2371	0.0589	1.8
16 NET UNBILLED	(4,875,967)	(4,781,443)	(94,524)	2.0	84,047	161,728	(77,681)	(48.0)	(0.0124)	(0.0121)	(0.0003)	2.5
17 COMPANY USE	4,996,046	6,508,234	(1,512,188)	(23.2)	(148,493)	(199,795)	51,302	(25.7)	0.0127	0.0165	(0.0038)	(23.0)
18 T & D LOSSES	86,989,539	90,729,998	(3,740,459)	(4.1)	(2,631,116)	(2,773,127)	142,011	(5.1)	0.2206	0.2294	(0.0088)	(3.8)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,388,285,289	1,371,482,256	16,803,034	1.2	39,425,345	39,557,031	(131,686)	(0.3)	3.5213	3.4671	0.0542	1.6
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(8,398,720)	(8,459,368)	60,647	(0.7)	(238,000)	(243,064)	5,063	(2.1)	3.5289	3.4803	0.0486	1.4
21 JURISDICTIONAL KWH SALES	1,379,886,569	1,363,022,888	16,863,681	1.2	39,187,344	39,313,967	(126,623)	(0.3)	3.5213	3.4670	0.0543	1.6
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034	1,380,352,068	1,363,482,653	16,869,415	1.2	39,187,344	39,313,967	(126,623)	(0.3)	3.5224	3.4682	0.0542	1.6
23 PRIOR PERIOD TRUE-UP	148,450,915	148,450,920	(5)	0.0	39,187,344	39,313,967	(126,623)	(0.3)	0.3788	0.3776	0.0012	0.3
24 TOTAL JURISDICTIONAL FUEL COST	1,528,802,983	1,511,933,573	16,869,410	1.1	39,187,344	39,313,967	(126,623)	(0.3)	3.9012	3.8458	0.0554	1.4
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.9040	3.8486	0.0554	1.4
27 GPIF	(2,301,526)	(2,301,526)			39,187,344	39,313,967			(0.0059)	(0.0059)	0.0000	100.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.898	3.843	0.055	1.4

*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
DECEMBER 2019

	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	\$79,539,979	92,653,910	(\$13,113,931)	(14.2)	\$1,230,882,664	\$1,228,035,464	\$2,847,200	0.2
1a. COAL CAR SALE	0	0	0	0.0	(178,380)	0	(178,380)	0.0
2 . FUEL COST OF POWER SOLD	(61,580)	(214,445)	152,865	(71.3)	(4,456,354)	(4,834,701)	378,347	(7.8)
2a. GAIN ON POWER SALES	(15,693)	(45,405)	29,712	(65.4)	(1,570,617)	(1,591,887)	21,270	(1.3)
3 . FUEL COST OF PURCHASED POWER	3,380,078	1,106,770	2,273,308	205.4	93,905,144	76,836,292	17,068,852	22.2
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	8,695,897	10,026,097	(1,330,200)	(13.3)	99,477,111	110,423,752	(10,946,641)	(9.9)
4 . ENERGY COST OF ECONOMY PURCHASES	340,062	223,111	116,951	52.4	5,914,484	2,923,082	2,991,402	102.3
5 . TOTAL FUEL & NET POWER TRANSACTIONS	91,878,743	103,750,038	(11,871,295)	(11.4)	1,423,974,051	1,411,792,002	12,182,049	0.9
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,685,206)	(4,008,072)	2,322,865	(58.0)	(55,795,180)	(54,653,263)	(1,141,918)	2.1
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	4,157,828	1,162,111	2,995,717	257.8	20,106,418	14,343,516	5,762,902	40.2
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$94,351,364	\$100,904,077	(\$6,552,713)	(6.5)	\$1,388,285,289	\$1,371,482,256	\$16,803,034	1.2
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)	440	0	440		7,150	0	7,150	
FPD AGREEMENT TERMINATION	0	0	0		0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0		0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	3,057,408	0	3,057,408		5,821,944	0	5,821,944	
FPD AGREEMENT TERMINATION	1,099,979	0	1,099,979		14,186,731	0	14,186,731	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
N/A - Not used	0	0	0		0	0	0	
NET METER SETTLEMENT	0	0	0		90,593	0	90,593	
N/A - Not used	0	0	0		0	0	0	
Derivative Co-lateral Interest	0	0	0		0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$4,157,828	\$0	\$4,157,828		\$20,106,418	\$0	\$20,106,418	
B. KWH SALES								
1 . JURISDICTIONAL SALES	2,761,550,962	2,878,977,695	(117,426,733)	(4.1)	39,187,342,961	39,313,967,025	(126,624,064)	(0.3)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	12,087,090	13,906,069	(1,818,979)	(13.1)	238,000,092	243,063,578	(5,063,486)	(2.1)
3 . TOTAL SALES	2,773,638,052	2,892,883,764	(119,245,712)	(4.1)	39,425,343,053	39,557,030,603	(131,687,550)	(0.3)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.56	99.52	0.04	0.0	99.40	99.39	0.01	0.0

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
DECEMBER 2019

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$105,460,463	\$114,184,412	(\$8,723,949)	(7.6)	\$1,548,367,879	\$1,553,120,468	(\$4,752,589)	(0.3)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(12,370,910)	(12,370,910)	0	0.0	(148,450,915)	(148,450,920)	5	0.0
2b. INCENTIVE PROVISION	191,794	191,792	2	0.0	2,301,526	2,301,526	(0)	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	93,281,347	102,005,294	(8,723,947)	(8.6)	1,402,218,490	1,406,971,074	(4,752,584)	(0.3)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	94,351,364	100,904,077	(6,552,713)	(6.5)	1,388,285,289	1,371,482,256	16,803,034	1.2
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.56	99.52	0.04	0.0	99.40	99.39	0.01	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00034 LOSS MULTIPLIER)	93,968,157	100,453,881	(6,485,724)	(6.5)	1,380,352,068	1,363,482,653	16,869,415	1.2
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(686,810)	1,551,413	(2,238,223)	(144.3)	21,866,422	43,488,421	(21,621,999)	(49.7)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(58,911)	(41,829)	(17,082)	40.8	(3,435,661)	(3,522,429)	86,768	(2.5)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(47,623,102)	(28,343,173)	(19,279,929)	68.0	(202,879,590)	(202,879,590)	0	0.0
10. TRUE UP COLLECTED (REFUNDED)	12,370,910	12,370,910	(0)	0.0	148,450,915	148,450,920	(5)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(35,997,914)	(14,462,679)	(21,535,235)	148.9	(35,997,914)	(14,462,679)	(21,535,235)	148.9
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$35,997,914)	(14,462,679)	(21,535,235)	148.9	(\$35,997,914)	(14,462,679)	(21,535,235)	148.9
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$47,623,102)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(35,939,002)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(83,562,105)	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	(41,781,052)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.670	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.710	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	3.380	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.690	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.141	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$58,911)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 12/1/2019 to 12/1/2019

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 O L	0	0	0	0 0 %
2 - LIGHT O L	177,889	86,001	91,888	106 8 %
3 - COAL	0	3,171,138	(3,171,138)	(100.0 %)
4 - GAS	79,362,090	89,396,771	(10,034,681)	(11.2 %)
5 - NUCLEAR	0	0	0	0 0 %
6	0	0	0	0 0 %
7	0	0	0	0 0 %
8 - TOTAL (\$)	79,539,979	92,653,910	(13,113,931)	(14.2 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY O L	0	0	0	0 0 %
10 - LIGHT OIL	234	0	234	0 0 %
11 - COAL	0	0	0	0 0 %
12 - GAS	2,646,142	3,091,140	(444,998)	(14.4 %)
13 - NUCLEAR	0	0	0	0 0 %
14 - SOLAR	12,123	24,589	(12,466)	(50.7 %)
15	0	0	0	0 0 %
16 - TOTAL (MWH)	2,658,498	3,115,729	(457,231)	(14.7 %)
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0 0 %
18 - LIGHT OIL (BBL)	644	0	644	0 0 %
19 - COAL (TON)	0	0	0	0 0 %
20 - GAS (MCF)	19,009,810	21,672,586	(2,662,776)	(12.3 %)
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	3,687	0	3,687	0 0 %
26 - COAL	0	0	0	0 0 %
27 - GAS	19,452,888	21,672,586	(2,219,698)	(10.2 %)
28 - NUCLEAR	0	0	0	0 0 %
29	0	0	0	0 0 %
30	0	0	0	0 0 %
31 - TOTAL (M LLION BTU)	19,456,575	21,672,586	(2,216,011)	(10.2 %)
GENERATION MIX (% MWH)				
32 - HEAVY O L	0 0	0.00	0 0	0 0 %
33 - LIGHT OIL	0 0	0.00	0 0	0 0 %
34 - COAL	0 0	0.00	0 0	0 0 %
35 - GAS	99 5	99.21	0 3	0 3 %
36 - NUCLEAR	0 0	0.00	0 0	0 0 %
37 - SOLAR	0.46	0.79	(0.33)	(42.2 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100 0	100.0	0 0	0 0 %

A-3 Generating System Comparative Data Report

Report Period : 12/1/2019 to 12/1/2019

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
FUEL COST PER UNIT (\$)				
40 - HEAVY O L (\$/BBL)	0.00	0.00	0.00	0 0 %
41 - LIGHT OIL (\$/BBL)	276.23	0.00	276.23	0 0 %
42 - COAL (\$/TON)	0.00	0.00	0.00	0 0 %
43 - GAS (\$/MCF)	4.17	4.12	0.05	1 2 %
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0 0 %
45	0.00	0.00	0.00	0 0 %
46	0.00	0.00	0.00	0 0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY O L	0.00	0.00	0.00	0 0 %
48 - LIGHT OIL	48.25	0.00	48.25	0 0 %
49 - COAL	0.00	0.00	0.00	0 0 %
50 - GAS	4.08	4.12	(0.05)	(1.1 %)
51 - NUCLEAR	0.00	0.00	0.00	0 0 %
52	0.00	0.00	0.00	0 0 %
53	0.00	0.00	0.00	0 0 %
54 - SYSTEM (\$/MBTU)	4.09	4.28	(0.19)	(4.4 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0 0 %
56 - LIGHT OIL	15,782	0	15,782	0 0 %
57 - COAL	0	0	0	0 0 %
58 - GAS	7,352	7,011	340	4 9 %
59 - NUCLEAR	0	0	0	0 0 %
60	0	0	0	0 0 %
61	0	0	0	0 0 %
62 - SYSTEM (BTU/KWH)	7,319	6,956	363	5 2 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0 0 %
64 - LIGHT OIL	76.15	0.00	76.15	0 0 %
65 - COAL	0.00	0.00	0.00	0 0 %
66 - GAS	3.00	2.89	0.11	3.7 %
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 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2019 to 12/1/2019

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	14,226,223	6,406,086	7,820,137	122.1 %
3 - COAL	161,620,864	148,303,407	13,317,457	9.0 %
4 - GAS	1,055,035,576	1,073,325,970	(18,290,394)	(1.7 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	1,230,882,664	1,228,035,463	2,847,201	0.2 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	52,512	18,782	33,730	179.6 %
11 - COAL	4,300,231	3,610,045	690,186	19.1 %
12 - GAS	35,165,359	36,234,383	(1,069,024)	(3.0 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	214,679	226,096	(11,417)	(5.0 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	39,732,781	40,089,306	(356,525)	(0.9 %)
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	121,326	51,716	69,610	136.7 %
19 - COAL (TON)	1,976,271	1,666,570	309,701	18.6 %
20 - GAS (MCF)	262,546,275	266,088,201	(3,541,926)	(1.3 %)
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	698,679	297,830	400,849	134.6 %
26 - COAL	44,098,849	38,166,941	5,931,908	15.5 %
27 - GAS	268,325,594	268,575,668	(250,074)	(0.1 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	313,123,122	307,040,439	6,082,683	2.0 %
GENERATION MIX (% MWH)				
32 - HEAVY O L	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.05	0.1	182.1 %
34 - COAL	10.8	9.01	1.8	20.2 %
35 - GAS	88.5	90.38	(1.9)	(2.1 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	0.54	0.56	(0.02)	(4.2 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2019 to 12/1/2019

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
FUEL COST PER UNIT (\$)				
40 - HEAVY O L (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	117.26	123.87	(6.61)	(5.3 %)
42 - COAL (\$/TON)	81.78	88.99	(7.21)	(8.1 %)
43 - GAS (\$/MCF)	4.02	4.03	(0.02)	(0.4 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY O L	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	20.36	21.51	(1.15)	(5.3 %)
49 - COAL	3.66	3.89	(0.22)	(5.7 %)
50 - GAS	3.93	4.00	(0.06)	(1.6 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	3.93	4.00	(0.07)	(1.7 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	13,305	15,857	(2,552)	(16.1 %)
57 - COAL	10,255	10,572	(317)	(3.0 %)
58 - GAS	7,630	7,412	218	2.9 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,881	7,659	222	2.9 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	27.09	34.11	(7.02)	(20.6 %)
65 - COAL	3.76	4.11	(0.35)	(8.5 %)
66 - GAS	3.00	2.96	0.04	1.3 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 12/1/2019 to 12/1/2019

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													
Hamilton Solar Facility													
TOTAL HSF 1	75	9,982.00	18			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	429.00	14			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	552.00	15			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,160.00	17			0				0	0	0.000	
TOTAL Solar	93	12,123.00				0				0	0	0.000	
Steam													
Anclote													
		102,212.00					Gas	1,133,233	1.025	1,161,564	5,341,512	5.226	4.714
TOTAL UNIT 1	511	102,212.00	27			11,364				1,161,564	5,341,512	5.226	
		21,543.00					Gas	248,438	1.025	254,649	1,171,016	5.436	4.714
TOTAL UNIT 2	514	21,543.00	6			11,820				254,649	1,171,016	5.436	
Crystal River 1 & 2													
TOTAL UNIT 1		0.00				0				0	0	0.000	
TOTAL UNIT 2		0.00				0				0	0	0.000	
Crystal River 4 & 5													
TOTAL UNIT 4		0.00				0				0	0	0.000	
TOTAL UNIT 5		0.00				0				0	0	0.000	
TOTAL Steam	1,025	123,755.00				11,444				1,416,213	6,512,528	5.000	
Gas Turbine													
Avon Park Peaker													
TOTAL APP	0	0.00	0			0	Gas	0	0.000	0	584	0.000	0.000
		0.00								0	584	0.000	
Bartow Combined Cycle													
TOTAL BCC	998	402,090.00	54			7,774	Gas	3,064,505	1.020	3,125,795	11,790,557	2.932	3.847
		402,090.00								3,125,795	11,790,557	2.932	
Bartow Peaker													
		186.16					No 2	546	5.712	3,119	167,897	90.192	307.504
		45.84					Gas	753	1.020	768	4,226	9.218	5.612
TOTAL BAP	223	232.00	0			16,754				3,887	172,123	74.191	

A-4 System Net Generation and Fuel Cost Report

Report Period : 12/1/2019 to 12/1/2019

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 (\$)
Bayboro Peaker													
TOTAL BYP	60	0.00	0				No 2	0	0.000	0	0	0.000	0.000
		0.00				0				0	0	0.000	
Citrus County													
TOTAL CCCC	1,862	1,153,408.00	83			6,777	Gas	7,610,634	1.027	7,816,121	32,731,155	2.838	4.301
		1,153,408.00								7,816,121	32,731,155	2.838	
Debary Peaker													
TOTAL DEP	357	16.93					No 2	39	5.763	225	4,461	26.356	114.379
		2,737.07					Gas	35,424	1.026	36,345	167,314	6.113	4.723
		2,754.00	1			13,279				36,570	171,775	6.237	
Higgins Peaker													
TOTAL HGP	0	0.00	0				Gas	0	0.000	0	288	0.000	0.000
		0.00				0				0	288	0.000	
Hines Energy													
TOTAL HEP	2,188	911,019.00	56			7,170	Gas	6,404,264	1.020	6,532,349	26,072,282	2.862	4.071
		911,019.00								6,532,349	26,072,282	2.862	
Intercession City Peaker													
TOTAL ICP	631	1.32					No 2	3	5.802	17	381	28.827	127.043
		4,436.68					Gas	56,871	1.027	58,407	221,221	4.986	3.890
		4,438.00	1			13,164				58,424	221,602	4.993	
Osprey													
TOTAL OSP	600	15,660.00	4			7,724	Gas	118,812	1.018	120,951	459,282	2.933	3.866
		15,660.00								120,951	459,282	2.933	
Suwannee Peaker													
TOTAL SRP	203	20.90					No 2	56	5.817	326	5,150	24.641	91.968
		1,017.20					Gas	15,467	1.025	15,854	73,520	7.228	4.753
		1,038.00	1			15,586				16,179	78,670	7.578	
Tiger Bay Cogen													
TOTAL TBP	231	0.00	0				Gas	0	0.000	0	569	0.000	0.000
		0.00				0				0	569	0.000	
Univ of Florida Cogen													
TOTAL UFP	46	0.00					No 2	0	0.000	0	0	0.000	0.000
		31,981.30					Gas	321,409	1.027	330,086	1,328,563	4.154	4.134
		31,981.00	93			10,321				330,086	1,328,563	4.154	
TOTAL Gas Turbine	7,399	2,522,620.00				7,151				18,040,362	73,027,450	2.895	
SYSTEM TOTAL	8,517	2,658,498.40				7,319				19,456,575	79,539,979	2.992	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2019 to 12/1/2019

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													
Hamilton Solar Facility													
TOTAL HSF 1	75	180,635.00	27			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	6,592.00	19			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	8,704.00	20			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	18,748.00	24			0				0	0	0.000	
TOTAL Solar	93	214,679.00				0				0	0	0.000	
Steam													
Anclote													
		993,714.00					Gas	10,825,151	1.025	11,098,814	43,067,034	4.334	3.978
TOTAL UNIT 1	511	993,714.00	22			11,169				11,098,814	43,067,034	4.334	
		1,284,784.00					Gas	14,194,404	1.024	14,541,543	59,202,613	4.608	4.171
TOTAL UNIT 2	514	1,284,784.00	29			11,318				14,541,543	59,202,613	4.608	
Crystal River 1 & 2													
TOTAL UNIT 1		0.00				0				0	0	0.000	
TOTAL UNIT 2		0.00				0				0	0	0.000	
Crystal River 4 & 5													
		2,620,629.00					Coal	1,204,237	22.357	26,923,319	98,753,138	3.768	82.005
		0.00					No 2	20,924	5.727	119,837	2,750,145	0.000	131.435
TOTAL UNIT 4	721	2,620,629.00	41			10,319				27,043,156	101,503,284	3.873	
		1,700,984.56					Coal	772,034	22.247	17,175,531	62,867,726	3.696	81.431
		0.00					No 2	20,689	5.737	118,691	2,761,808	0.000	133.492
TOTAL UNIT 5	721	1,700,984.56	27			10,167				17,294,221	65,629,534	3.858	
TOTAL Steam	1,025	6,600,112.00				10,603				69,977,734	269,402,465	4.000	
Gas Turbine													
Avon Park Peaker													
		711.43					No 2	2,091	5.816	12,162	217,958	30.636	104.236
		2,300.77					Gas	38,440	1.023	39,331	173,712	7.550	4.519
TOTAL APP	50	3,012.00	1			17,095				51,493	391,670	13.003	
Bartow Combined Cycle													
		5,816,221.00					Gas	45,259,694	1.020	46,150,646	166,469,542	2.862	3.678
TOTAL BCC	1,207	5,816,221.00	55			7,935				46,150,646	166,469,542	2.862	
Bartow Peaker													
		3,473.77					No 2	9,836	5.712	56,183	1,134,952	32.672	115.388
		19,783.23					Gas	312,675	1.023	319,965	1,267,631	6.408	4.054
TOTAL BAP	223	23,257.00	1			16,174				376,148	2,402,583	10.331	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2019 to 12/1/2019

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 (\$)
Bayboro Peaker													
TOTAL BYP	238	3,291.70 3,292.00	0			14,474	No 2	8,341	5.712	47,644 47,644	1,165,627 1,165,627	35.411	139.747
Citrus County													
TOTAL CCCC	1,862	10,722,525.00 10,722,525.00	66			6,831	Gas	71,562,683	1.024	73,246,501 73,246,501	343,735,476 343,735,476	3.206	4.803
Debary Peaker													
TOTAL DEP	712	9,260.30 126,202.70 135,463.00	2			13,833	No 2 Gas	22,201 1,700,449	5.770 1.027	128,094 1,745,711 1,873,805	2,539,418 6,792,808 9,332,226	27.423 5.382 6.889	114.383 3.995
Higgins Peaker													
TOTAL HGP	119	15,999.20 15,999.00	2			16,497	Gas	257,482	1.025	263,946 263,946	1,002,033 1,002,033	6.263	3.892
Hines Energy													
TOTAL HEP	2,188	12,522,643.00 12,522,643.00	65			7,212	Gas	88,470,873	1.021	90,319,082 90,319,082	326,543,210 326,543,210	2.608	3.691
Intercession City Peaker													
TOTAL ICP	1,202	13,487.39 346,733.48 360,221.00	3			13,226	No 2 Gas	30,746 4,480,996	5.802 1.023	178,378 4,585,749 4,764,127	3,036,016 15,991,984 19,028,000	22.510 4.612 5.282	98.745 3.569
Osprey													
TOTAL OSP	600	2,214,152.00 2,214,152.00	42			7,286	Gas	15,782,743	1.022	16,131,410 16,131,410	56,153,411 56,153,411	2.536	3.558
Suwannee Peaker													
TOTAL SRP	203	2,387.30 62,011.70 64,399.00	4			13,852	No 2 Gas	5,685 838,581	5.817 1.024	33,070 859,007 892,076	522,398 3,427,138 3,949,536	21.882 5.527 6.133	91.891 4.087
Tiger Bay Cogen													
TOTAL TBP	231	716,152.00 716,152.00	35			7,747	Gas	5,430,455	1.022	5,547,897 5,547,897	18,669,789 18,669,789	2.607	3.438
Univ of Florida Cogen													
TOTAL UFP	46	434.11 326,612.99 327,047.00	81			10,643	No 2 Gas	797 3,391,649	5.797 1.025	4,620 3,475,993 3,480,613	97,902 12,539,195 12,637,097	22.552 3.839 3.864	122.838 3.697
TOTAL Gas Turbine	8,881	32,924,383.00				7,385				243,145,388	961,480,199	2.920	
SYSTEM TOTAL	9,999	39,739,173.63				7,879				313,123,122	1,230,882,664	3.097	

A-5 System Generation Fuel Cost Report

Report Period : 12/1/2019 to 12/1/2019

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)	0	0	0	0.0%
20 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
21 - AMOUNT (\$)	0	86,001	(86,001)	(100.0%)
22 - BURNED				
23 - UNITS (BBL)	644	0	644	0.0%
24 - UNIT COST (\$/BBL)	276.23	0.00	276.23	0.0%
25 - AMOUNT (\$)	177,889	86,001	91,888	106.8%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	605,832	659,427	(53,595)	(8.1%)
31 - UNIT COST (\$/BBL)	109.26	108.99	0.27	0.2%
32 - AMOUNT (\$)	66,190,329	71,867,960	(5,677,631)	(7.9%)
33 -				
34 - DAYS SUPPLY	10,964	0	10,964	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 12/1/2019 to 12/1/2019

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	132,636	0	132,636	0.0%
37 - UNIT COST (\$/TON)	70.26	0.00	70.26	0.0%
38 - AMOUNT (\$)	9,319,155	3,171,138	6,148,017	193.9%
39 - BURNED				
40 - UNITS (TON)	0	0	0	0.0%
41 - UNIT COST (\$/TON)	0.00	0.00	0.00	0.0%
42 - AMOUNT (\$)	0	3,171,138	(3,171,138)	(100.0%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	(36,585)			
45 - AMOUNT (\$)	(3,057,408)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	338,120	417,395	(79,275)	(19.0%)
48 - UNIT COST (\$/TON)	75.67	86.34	(10.67)	(12.4%)
49 - AMOUNT (\$)	25,584,750	36,037,880	(10,453,130)	(29.0%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	19,009,810	21,672,586	(2,662,776)	(12.3%)
54 - UNIT COST (\$/MCF)	4.17	4.12	0.05	1.2%
55 - AMOUNT (\$)	79,362,090	89,396,771	(10,034,681)	(11.2%)
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 : 1/1/2019 to 12/1/2019

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)	41,309	24,224	17,085	70.5%
20 - UNIT COST (\$/BBL)	136.19	143.76	(7.58)	(5.3%)
21 - AMOUNT (\$)	5,625,721	3,482,555	2,143,166	61.5%
22 - BURNED				
23 - UNITS (BBL)	121,326	51,716	69,610	134.6%
24 - UNIT COST (\$/BBL)	117.26	123.87	(6.61)	(5.3%)
25 - AMOUNT (\$)	14,226,223	6,406,085	7,820,138	122.1%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	605,832	659,427	(53,595)	(8.1%)
31 - UNIT COST (\$/BBL)	109.26	108.99	0.27	0.2%
32 - AMOUNT (\$)	66,190,329	71,867,960	(5,677,631)	(7.9%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2019 to 12/1/2019

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,757,312	1,458,030	299,282	20.5%
37 - UNIT COST (\$/TON)	83.86	95.11	(11.26)	(11.8%)
38 - AMOUNT (\$)	147,366,393	138,680,124	8,686,269	6.3%
39 - BURNED				
40 - UNITS (TON)	1,976,271	1,666,570	309,701	18.6%
41 - UNIT COST (\$/TON)	0.00	88.99	(88.99)	(100.0%)
42 - AMOUNT (\$)	161,620,864	148,303,407	13,317,457	9.0%
43 - ADJUSTMENTS				
44 - UNITS (TON)	(68,856)			
45 - AMOUNT (\$)	(5,821,944)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	338,120	417,395	(79,275)	(19.0%)
48 - UNIT COST (\$/TON)	75.67	86.34	(10.67)	(12.4%)
49 - AMOUNT (\$)	25,584,750	36,037,880	(10,453,130)	(29.0%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	262,546,275	266,088,201	(3,541,926)	(1.3%)
54 - UNIT COST (\$/MCF)	4.02	4.03	(0.02)	(0.4%)
55 - AMOUNT (\$)	1,055,035,576	1,073,325,970	(18,290,394)	(1.7%)
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%

ATTACHMENT #1
 SCHEDULE A-5
 December 2019

HEAVY OIL		
UNITS	AMOUNT	
0	0	TOTAL

LIGHT OIL		
UNITS	AMOUNT	
-	-	TOTAL

COAL		
UNITS	AMOUNT	
(36,585)	\$ (3,057,408.45)	Aerial Survey
(36,585)	\$ (3,057,408.45)	TOTAL

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
December 2019

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH		Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
			Wheeled from Other Systems (000)	KWH from Own Generation (000)					
ESTIMATED		8,274		8,274	2.592	3 278	214,445.00	271,201.00	56,756.00
ACTUAL									
Reedy Creek Improvement District	CR-1	3,820		3,820	1.443	1.997	55,140.55	76,284.90	21,144.35
Tampa Electric Company	CR-1	100		100	4.899	3.213	4,898.50	3,213.21	(1,685.29)
The Energy Authority	Schedule OS	75		75	2.054	2.449	1,540.50	1,836.75	296.25
Adjustments									
PJM Adjustments								(139.15)	(139.15)
Subtotal - Gain on Other Power Sales		3,995	-	3,995	1.541	2.032	61,579.55	81,195.71	19,616.16
CURRENT MONTH TOTAL		3,995		3,995	1.541	2.032	61,579.55	81,195.71	19,616.16
DIFFERENCE		(4,279)		(4,279)	(1.050)	(1 245)	(152,865.45)	(190,005.29)	(37,139.84)
DIFFERENCE %		(51.72)		(51.72)	(40.53)	(37.99)	(71.28)	(70.06)	(65.44)
CUMULATIVE ACTUAL		151,162		151,162	2.948	4.039	4,456,354.48	6,105,488.42	1,649,134.86
CUMULATIVE EST MATED		141,388		141,388	3.419	4.591	4,834,701.00	6,491,132.00	1,656,431.00
DIFFERENCE		9,774		9,774	-0.471	(0 552)	(378,346.52)	(385,643.58)	(7,296.14)
DIFFERENCE %		6.91		6.91	(13.79)	(12.02)	(7.83)	(5.94)	(0.44)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF
December, 2019

(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		28,174			28,174	3.928	3.928	1,106,770	1,106,770
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	3,761			3,761	9.831	9.831	369,725.90	369,725.90
Southern Power Company	Franklin	58,083			58,083	3.389	3.389	1,968,297.60	1,968,297.60
Vandolah Power Company L.L.C.	TOLL	16,616			16,616	7.690	7.690	1,277,851.97	1,277,851.97
ADJUSTMENTS									
Vandolah Power Company L.L.C.	TOLL	(171)			(171)	72.501	72.501	(123,976.10)	(123,976.10)
Shady Hills Power Company, L.L.C.	TOLL	278			278	(19.225)	(19.225)	(53,444.91)	(53,444.91)
Southern Power Company	Franklin	-			-	-	-	(58,376.53)	(58,376.53)
CURRENT MONTH TOTAL		78,567			78,567	4.302	4.302	3,380,077.93	3,380,077.93
DIFFERENCE		50,393			50,393	0.374	0.374	2,273,307.93	2,273,307.93
DIFFERENCE %		179			179	9.516	9.516	205.40	205.40
CUMULATIVE ACTUAL		2,351,996			2,351,996	3.993	3.993	93,905,143.63	93,905,143.63
CUMULATIVE ESTIMATED		1,967,131			1,967,131	3.906	3.906	76,836,292.00	76,836,292.00
DIFFERENCE		384,865			384,865	0.087	0.087	17,068,851.63	17,068,851.63
DIFFERENCE %		20			20	2.216	2.216	22.21	22.21

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF
DECEMBER, 2019

(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		254,820	-	-	254,820	3.935	14 042	10,026,096.78
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	9 (13)			9 (13)	2.445	2.445	223.93 (317.31)
Florida Power Development (FCRUSHAS) ADJ	CO-GEN	-			-	-	0 000	-
Florida Power Development (FLACRUSH) ADJ	CO-GEN	-			-	-	0 000	-
Lake County (LAKCOUNT) ADJ	CO-GEN	118			118	2.547	2 547	3,005.58 90.51
Lee County (LEECOGAS) ADJ	CO-GEN	-			-	-	0 000	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	-			-	-	0 000	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	1,580			1,580	2.669	2 669	42,175.41 (9,699.23)
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,739			1,739	2.655	2 655	46,178.38 10,196.66
Orange Cogen (ORANGECO) ADJ	CO-GEN	31,593			31,593	4.103	21 875	1,296,276.14 13,671.00
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	89,277			89,277	5.355	11 674	4,780,365.99 5,347.46
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-			-	-	0 000	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,549 (5,632)			17,549 (5,632)	2.719	14 312	477,081.41 15,350.09
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	44 (6)			44 (6)	2.759	2 759	1,216.01 (165.13)
Pinellas County Resource Recovery (P NCOUNT) ADJ	CO-GEN	36,415			36,415	2.634	15 988	959,287.25 56,359.18
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	34,482			34,482	2.955	25 211	1,018,781.70 (19,528.29)
Wheelebrator Ridge Energy, Inc. (R DGEGEN) ADJ	CO-GEN	-			-	-	-	-
CURRENT MONTH TOTAL		207,155			207,155	4.198	16 631	8,695,896.71
DIFFERENCE		(47,665)			(47,665)	0.263	2 589	(1,330,200.07)
DIFFERENCE %		(18.71)			(18.71)	6.69	18.44	(13.27)
CUMULATIVE ACTUAL		2,487,579			2,487,579	3.999	16 453	99,477,111.46
CUMULATIVE ESTIMATED		2,724,789			2,724,789	4.053	15 425	110,423,752.43
CUMULATIVE DIFFERENCE		(237,210)			(237,210)	(0.054)	1 027	(10,946,640.97)
CUMULATIVE DIFFERENCE %		(8.71)			(8.71)	(1.32)	6 66	(9.91)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF
DECEMBER, 2019

(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		6,202	3.598	223,111	4.156	257,734	34,623
ACTUAL							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	4,324	3.100	134,036.68	3.100	134,036.68	-
Florida Power & Light Company		3,000	2.493	74,800.00	3.036	91,071.00	16,271.00
Orlando Utilities Commission	Schedule OS	1,920	2.547	48,910.00	2.995	57,496.60	8,586.60
Southern Company Services, Inc.	EEl	1,680	2.119	35,600.00	2.624	44,077.00	8,477.00
Tampa Electric Company	EEl2	1,200	3.200	38,400.00	3.015	36,177.00	(2,223.00)
ADJUSTMENTS							
Duke Energy Transmission				182.84			(182.84)
PJM Settlements				1,053.44			(1,053.44)
Jacksonville Electric Authority				(260.68)			260.68
Florida Power and Light				7,339.52			(7,339.52)
Tampa Electric Company				0.21			(0.21)
SubTotal - Energy Purchases (Non-Broker)		12,124	2.805	340,062.01	2.993	362,858.28	22,796.27
CURRENT MONTH TOTAL		12,124	2.805	340,062.01	2.993	362,858.28	22,796.27
DIFFERENCE		5,922	(0.793)	116,951.01	(1.163)	105,124.28	(11,826.73)
DIFFERENCE %		95	(22.032)	52.42	(27.981)	40.79	(34.16)
CUMULATIVE ACTUAL		144,528	4.092	5,914,485.35	5.523	7,982,812.03	2,068,893.99
CUMULATIVE ESTIMATED		74,548	3.921	2,923,082.00	4.078	3,040,105.00	117,023.00
DIFFERENCE		69,981	0.171	2,991,403.35	1.445	4,942,707.03	1,951,870.99
DIFFERENCE %		94	4.365	102.34	35.440	162.58	1,667.94

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2019

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	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,516,015	5,600,934	67,126,287.04
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	67,633,943.04
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	24,230,040.00
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	57,678,030.00
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	92,326,987.92
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	800,946	0	0	0	0	0	0	0	0	0	0	0	800,945.81
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,611,942	4,802,362	2,752,978	2,755,639	2,814,130	5,254,911	6,502,231	6,128,473	4,721,360	2,755,745	2,747,786	3,583,491	49,431,047.97
8 Retail Wheeling				(45,534)	(8,443)	(35,373)	(39,200)	(57,327)	(29,146)	(30,224)	(2,595)	(14,622)	(443)	(33,247)	(963)	(297,116.43)
9 CR-3 Projected Expense				3,775,626	3,753,198	3,730,770	3,708,343	3,685,916	3,663,488	3,641,061	3,618,633	3,596,207	3,573,779	3,551,352	3,483,417	43,781,791.12
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	6,879,836.95
11 Vandolah Capacity Purchase			June 2012 - May 2027	2,919,279	2,891,051	1,947,614	1,942,582	2,793,653	5,773,604	5,928,134	5,787,984	2,747,117	1,940,621	2,042,583	2,984,299	39,698,522.57
12 Schedule H Capacity Sales - Tallahassee	1	-1	on-going no term date	(48,411)	0	(64,548)	0	0	(114,031)	6,705	0	131,000	0	384,713	201,135	496,562.59
13 Shady Hills Tolling	1	517	4/1/07-4/30/24	1,976,940	1,976,940	1,412,100	1,366,200	1,912,680	3,888,000	3,888,000	3,888,000	(2,073,600)	1,366,200	1,351,582	1,973,160	22,926,201.66
14 RidgeGen Agreement Termination				0	750,770	747,221	743,672	740,123	736,573	730,453	726,952	723,451	719,950	716,449	696,212	8,031,627.35
15 Hamilton SoBRA True-Up				0	0	0	0	0	0	0	0	(478,334)	0	0	0	(478,334.00)
TOTAL				40,320,791	40,495,882	36,820,766	36,807,240	38,219,179	45,503,404	46,996,364	46,477,452	35,682,583	36,685,856	37,006,302	39,250,756	480,266,574