



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

December 19, 2019

VIA ELECTRONIC FILING

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

Re: Docket No. 20190001-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 November, 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/cmkn
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 December, 2019.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

NOVEMBER 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)	92,962,591	87,935,869	5,026,722	5.7	2,615,561	2,737,910	(122,348)	(4.5)	3.5542	3.2118	0.3424	10.7
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,165,746	1,164,477	1,269	0.1	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	94,128,337	89,100,346	5,027,991	5.6	2,615,561	2,737,910	(122,348)	(4.5)	3.5988	3.2543	0.3445	10.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	6,062,335	2,844,662	3,207,673	112.8	153,944	96,267	57,677	59.9	3.9315	2.9550	0.9765	33.1
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)	486,037	89,384	396,653	443.8	15,149	2,540	12,609	496.4	3.2084	3.5186	(0.3102)	(8.8)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	8,196,466	9,860,682	(1,664,217)	(16.9)	202,074	247,526	(45,452)	(18.4)	4.0562	3.9837	0.0725	1.8
9 TOTAL COST OF PURCHASED POWER	14,734,838	12,794,728	1,940,110	15.2	371,167	346,334	24,833	7.2	3.9699	3.6943	0.2756	7.5
10 TOTAL AVAILABLE MWH					2,986,728	3,084,243	(97,515)	(3)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(340,292)	(138,100)	(202,192)	146.4	(6,630)	(3,544)	(3,086)	87.1	5.1326	3.8963	1.2363	31.7
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(131,556)	(36,550)	(95,006)	259.9	(6,630)	(3,544)	(3,086)	87.1	1.9843	1.0312	0.9531	92.4
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	26,311	7,310	19,001	259.9	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(3,349,179)	(3,500,346)	151,167	(4.3)	(119,350)	(131,376)	12,026	(9.2)	2.8062	2.6644	0.1418	5.3
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(3,794,715)	(3,667,686)	(127,029)	3.5	(125,980)	(134,920)	8,940	(6.6)	3.0122	2.7184	0.2938	10.8
14 NET INADVERTENT AND WHEELED INTERCHANGE					13,954	0	13,954					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	105,068,459	98,227,388	6,841,071	7.0	2,874,702	2,949,323	(74,621)	(2.5)	3.6549	3.3305	0.3244	9.7
16 NET UNBILLED	(16,864,751)	(10,479,989)	(6,384,762)	60.9	461,424	314,667	146,758	46.6	(0.5079)	(0.3417)	(0.1662)	48.6
17 COMPANY USE	269,529	647,743	(378,214)	(58.4)	(7,374)	(19,449)	12,074	(62.1)	0.0081	0.0211	(0.0130)	(61.6)
18 T & D LOSSES	295,986	5,900,792	(5,604,806)	(95.0)	(8,098)	(177,174)	169,076	(95.4)	0.0089	0.1924	(0.1835)	(95.4)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	105,068,459	98,227,388	6,841,071	7.0	3,320,654	3,067,367	253,287	8.3	3.1641	3.2023	(0.0382)	(1.2)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(472,808)	(373,264)	(99,544)	26.7	(14,840)	(11,631)	(3,210)	27.6	3.1859	3.2093	(0.0234)	(0.7)
21 JURISDICTIONAL KWH SALES	104,595,651	97,854,124	6,741,527	6.9	3,305,813	3,055,736	250,077	8.2	3.1640	3.2023	(0.0383)	(1.2)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034	104,631,214	97,887,395	6,743,819	6.9	3,305,813	3,055,736	250,077	8.2	3.1651	3.2034	(0.0383)	(1.2)
23 PRIOR PERIOD TRUE-UP	12,370,910	12,370,910	(0)	0.0	3,305,813	3,055,736	250,077	8.2	0.3742	0.4048	(0.0306)	(7.6)
24 TOTAL JURISDICTIONAL FUEL COST	117,002,123	110,258,305	6,743,819	6.1	3,305,813	3,055,736	250,077	8.2	3.5393	3.6082	(0.0689)	(1.9)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.5418	3.6108	(0.0690)	(1.9)
27 GPIF	(191,794)	(191,794)			3,305,813	3,055,736			(0.0058)	(0.0063)	0.0005	(7.9)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.536	3.605	(0.068)	(1.9)

*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 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)	1,151,342,685	1,135,381,554	15,961,131	1.4	37,080,672	36,973,576	107,097	0.3	3.1050	3.0708	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	15,948,591	13,181,405	2,767,185	21.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	1,167,112,896	1,148,562,959	18,549,937	1.6	37,080,672	36,973,576	107,097	0.3	3.1475	3.1064	0.0411	1.3
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	90,525,066	75,729,522	14,795,544	19.5	2,273,429	1,938,957	334,472	17.3	3.9819	3.9057	0.0762	2.0
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)	5,574,422	2,699,971	2,874,451	106.5	132,405	68,346	64,059	93.7	4.2101	3.9504	0.2597	6.6
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	90,781,215	100,397,656	(9,616,441)	(9.6)	2,280,424	2,469,969	(189,545)	(7.7)	3.9809	4.0647	(0.0838)	(2.1)
9 TOTAL COST OF PURCHASED POWER	186,880,702	178,827,149	8,053,554	4.5	4,686,258	4,477,272	208,986	4.7	3.9878	3.9941	(0.0063)	(0.2)
10 TOTAL AVAILABLE MWH					41,766,930	41,450,848	316,082	0.8				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(4,394,775)	(4,620,256)	225,481	(4.9)	(147,167)	(133,115)	(14,052)	10.6	2.9863	3.4709	(0.4846)	(14.0)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(1,629,519)	(1,599,675)	(29,844)	1.9	(147,167)	(133,115)	(14,052)	10.6	1.1073	1.2017	(0.0944)	(7.9)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	74,594	53,193	21,401	40.2	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(54,109,974)	(50,645,191)	(3,464,783)	6.8	(2,607,967)	(2,297,673)	(310,294)	13.5	2.0748	2.2042	(0.1294)	(5.9)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(60,059,673)	(56,811,929)	(3,247,744)	5.7	(2,755,134)	(2,430,788)	(324,346)	13.3	2.1799	2.3372	(0.1573)	(6.7)
14 NET INADVERTENT AND WHEELED INTERCHANGE					224,210	107,645	116,565					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	1,293,933,925	1,270,578,178	23,355,747	1.8	39,236,007	39,127,705	108,301	0.3	3.2978	3.2473	0.0505	1.6
16 NET UNBILLED	(5,333,126)	(8,898,380)	3,565,254	(40.1)	98,025	293,943	(195,918)	(66.7)	(0.0146)	(0.0243)	0.0097	(39.9)
17 COMPANY USE	4,547,337	5,860,050	(1,312,713)	(22.4)	(134,774)	(178,979)	44,205	(24.7)	0.0124	0.0160	(0.0036)	(22.5)
18 T & D LOSSES	84,256,563	84,670,344	(413,781)	(0.5)	(2,547,552)	(2,578,522)	30,970	(1.2)	0.2299	0.2309	(0.0010)	(0.4)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,293,933,925	1,270,578,178	23,355,747	1.8	36,651,706	36,664,147	(12,441)	(0.0)	3.5304	3.4655	0.0649	1.9
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(7,983,574)	(7,975,028)	(8,546)	0.1	(225,913)	(229,158)	3,245	(1.4)	3.5339	3.4802	0.0537	1.5
21 JURISDICTIONAL KWH SALES	1,285,950,351	1,262,603,150	23,347,200	1.9	36,425,793	36,434,989	(9,196)	(0.0)	3.5303	3.4654	0.0649	1.9
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034	1,286,383,911	1,263,028,773	23,355,139	1.9	36,425,793	36,434,989	(9,196)	(0.0)	3.5315	3.4665	0.0650	1.9
23 PRIOR PERIOD TRUE-UP	136,080,005	136,080,010	(5)	0.0	36,425,793	36,434,989	(9,196)	(0.0)	0.3736	0.3735	0.0001	0.0
24 TOTAL JURISDICTIONAL FUEL COST	1,422,463,917	1,399,108,783	23,355,134	1.7	36,425,793	36,434,989	(9,196)	(0.0)	3.9051	3.8400	0.0651	1.7
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.9079	3.8428	0.0651	1.7
27 GPIF	(2,109,732)	(2,109,734)			36,425,793	36,434,989			(0.0058)	(0.0058)	0.0000	100.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.902	3.837	0.065	1.7

*Line 11a. MWH Data for Informational Purposes Only
*Line 16 and 18. \$ Data for Informational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
NOVEMBER 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	\$92,962,591	87,935,869	\$5,026,722	5.7	\$1,151,342,685	\$1,135,381,554	\$15,961,131	1.4
1a. COAL CAR SALE	0	0	0	0.0	(178,380)	0	(178,380)	0.0
2 . FUEL COST OF POWER SOLD	(340,292)	(138,100)	(202,192)	146.4	(4,394,775)	(4,620,256)	225,481	(4.9)
2a. GAIN ON POWER SALES	(105,245)	(29,240)	(76,005)	259.9	(1,554,924)	(1,546,482)	(8,442)	0.6
3 . FUEL COST OF PURCHASED POWER	6,052,335	2,844,662	3,207,673	112.8	90,525,066	75,729,522	14,795,544	19.5
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	8,196,466	9,860,682	(1,664,217)	(16.9)	90,781,215	100,397,656	(9,616,441)	(9.6)
4 . ENERGY COST OF ECONOMY PURCHASES	486,037	89,384	396,653	443.8	5,574,422	2,699,971	2,874,451	106.5
5 . TOTAL FUEL & NET POWER TRANSACTIONS	107,251,892	100,563,257	6,688,635	6.7	1,332,095,308	1,308,041,964	24,053,344	1.8
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(3,349,179)	(3,500,346)	151,167	(4.3)	(54,109,974)	(50,645,191)	(3,464,783)	6.8
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,165,746	1,164,477	1,269	0.1	15,948,591	13,181,405	2,767,185	21.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$105,068,459	\$98,227,388	\$6,841,071	7.0	\$1,293,933,925	\$1,270,578,178	\$23,355,747	1.8
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)	450	0	450		6,710	0	6,710	
FPD AGREEMENT TERMINATION	0	0	0		0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0		0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0		2,764,536	0	2,764,536	
FPD AGREEMENT TERMINATION	1,165,296	0	1,165,296		13,086,752	0	13,086,752	
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	\$1,165,746	\$0	\$1,165,746		\$15,948,591	\$0	\$15,948,591	
B. KWH SALES								
1 . JURISDICTIONAL SALES	3,305,813,288	3,055,736,011	250,077,277	8.2	36,425,791,999	36,434,989,331	(9,197,332)	(0.0)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	14,840,430	11,630,682	3,209,748	27.6	225,913,002	229,157,509	(3,244,507)	(1.4)
3 . TOTAL SALES	3,320,653,718	3,067,366,693	253,287,025	8.3	36,651,705,001	36,664,146,839	(12,441,838)	(0.0)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.55	99.62	(0.07)	(0.1)	99.38	99.37	0.01	0.0

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$130,267,974	\$121,194,902	\$9,073,072	7.5	\$1,442,907,416	\$1,438,936,056	\$3,971,360	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	(136,080,005)	(136,080,010)	5	0.0
2b. INCENTIVE PROVISION	191,794	191,794	(0)	0.0	2,109,732	2,109,734	(2)	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	118,088,859	109,015,786	9,073,073	8.3	1,308,937,143	1,304,965,780	3,971,363	0.3
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	105,068,459	98,227,388	6,841,071	7.0	1,293,933,925	1,270,578,178	23,355,747	1.8
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.55	99.62	(0.07)	(0.1)	99.38	99.37	0.01	0.0
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00034 LOSS MULTIPLIER)	104,631,214	97,887,395	6,743,819	6.9	1,286,383,911	1,263,028,773	23,355,139	1.9
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	13,457,645	11,128,391	2,329,254	20.9	22,553,232	41,937,007	(19,383,775)	(46.2)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(84,030)	(78,343)	(5,687)	7.3	(3,376,749)	(3,480,600)	103,851	(3.0)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(73,367,626)	(51,764,131)	(21,603,495)	41.7	(202,879,590)	(202,879,590)	0	0.0
10. TRUE UP COLLECTED (REFUNDED)	12,370,910	12,370,910	(0)	0.0	136,080,005	136,080,010	(5)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(47,623,102)	(28,343,173)	(19,279,929)	68.0	(47,623,102)	(28,343,173)	(19,279,929)	68.0
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$47,623,102)	(28,343,173)	(19,279,929)	68.0	(\$47,623,102)	(28,343,173)	(19,279,929)	68.0
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$73,367,626)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(47,539,072)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(120,906,698)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(60,453,349)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.660	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.670	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	3.330	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.665	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.139	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$84,030)	N/A	--	--				

NOT

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period : 11/1/2019 to 11/1/2019

<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	1,032,057	170,774	861,283	504 3 %
3 - COAL	20,538,783	14,291,134	6,247,649	43.7 %
4 - GAS	71,391,750	73,473,961	(2,082,211)	(2.8 %)
5 - NUCLEAR	0	0	0	0 0 %
6	0	0	0	0 0 %
7	0	0	0	0 0 %
8 - TOTAL (\$)	92,962,591	87,935,869	5,026,722	5.7 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY O L	0	0	0	0 0 %
10 - LIGHT OIL	4,695	0	4,695	0 0 %
11 - COAL	591,269	343,478	247,791	72.1 %
12 - GAS	2,004,010	2,379,112	(375,102)	(15.8 %)
13 - NUCLEAR	0	0	0	0 0 %
14 - SOLAR	15,587	15,320	267	1.7 %
15	0	0	0	0 0 %
16 - TOTAL (MWH)	2,615,561	2,737,910	(122,349)	(4.5 %)
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0 0 %
18 - LIGHT OIL (BBL)	10,367	1,069	9,298	869 8 %
19 - COAL (TON)	257,300	152,634	104,666	68 6 %
20 - GAS (MCF)	15,920,239	17,499,286	(1,579,047)	(9.0 %)
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 O L	0	0	0	0 0 %
25 - LIGHT OIL	59,779	6,225	53,554	860 3 %
26 - COAL	5,717,206	3,579,617	2,137,589	59.7 %
27 - GAS	16,297,037	17,499,286	(1,202,249)	(6.9 %)
28 - NUCLEAR	0	0	0	0 0 %
29	0	0	0	0 0 %
30	0	0	0	0 0 %
31 - TOTAL (MILLION BTU)	22,074,022	21,085,128	988,894	4.7 %
GENERATION MIX (% MWH)				
32 - HEAVY O L	0.0	0.00	0.0	0 0 %
33 - LIGHT OIL	0.2	0.00	0.2	0 0 %
34 - COAL	22.7	12.55	10.1	80 6 %
35 - GAS	76.6	86.90	(10.3)	(11.9 %)
36 - NUCLEAR	0.0	0.00	0.0	0 0 %
37 - SOLAR	0.60	0.56	0.04	6 8 %
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	(0.0)	(0.0 %)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period : 11/1/2019 to 11/1/2019

<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)	122.18	159.75	(37.57)	(23.5 %)
42 - COAL (\$/TON)	79.82	93.63	(13.81)	(14.7 %)
43 - GAS (\$/MCF)	4.48	4.20	0.29	6 8 %
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	17.26	27.43	(10.17)	(37.1 %)
49 - COAL	3.59	3.99	(0.40)	(10.0 %)
50 - GAS	4.38	4.20	0.18	4 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)	4.21	4.17	0.04	1 0 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0 0 %
56 - LIGHT OIL	12,733	0	12,733	0 0 %
57 - COAL	9,669	10,422	(752)	(7.2 %)
58 - GAS	8,158	7,355	803	10 9 %
59 - NUCLEAR	0	0	0	0 0 %
60	0	0	0	0 0 %
61	0	0	0	0 0 %
62 - SYSTEM (BTU/KWH)	8,460	7,701	759	9 9 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0 0 %
64 - LIGHT OIL	21.98	0.00	21.98	0 0 %
65 - COAL	3.47	4.16	(0.69)	(16.5 %)
66 - GAS	3.57	3.09	0.49	15.7 %
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 11/1/2019

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	14,048,334	6,320,085	7,728,249	122 3 %
3 - COAL	161,620,864	145,132,269	16,488,595	11.4 %
4 - GAS	975,673,486	983,929,199	(8,255,713)	(0.8 %)
5 - NUCLEAR	0	0	0	0 0 %
6	0	0	0	0 0 %
7	0	0	0	0 0 %
8 - TOTAL (\$)	1,151,342,685	1,135,381,553	15,961,132	1.4 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY O L	0	0	0	0 0 %
10 - LIGHT OIL	52,278	18,782	33,496	178 3 %
11 - COAL	4,300,231	3,610,045	690,186	19.1 %
12 - GAS	32,525,606	33,143,243	(617,637)	(1.9 %)
13 - NUCLEAR	0	0	0	0 0 %
14 - SOLAR	202,556	201,507	1,049	0 5 %
15	0	0	0	0 0 %
16 - TOTAL (MWH)	37,080,671	36,973,577	107,094	0 3 %
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0 0 %
18 - LIGHT OIL (BBL)	120,682	51,716	68,966	133.4 %
19 - COAL (TON)	1,976,271	1,666,570	309,701	18 6 %
20 - GAS (MCF)	243,536,465	244,415,615	(879,150)	(0.4 %)
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	694,992	297,830	397,162	133.4 %
26 - COAL	44,098,849	38,166,941	5,931,908	15 5 %
27 - GAS	248,872,705	246,903,082	1,969,623	0 8 %
28 - NUCLEAR	0	0	0	0 0 %
29	0	0	0	0 0 %
30	0	0	0	0 0 %
31 - TOTAL (M LLION BTU)	293,666,547	285,367,853	8,298,694	2 9 %
GENERATION MIX (% MWH)				
32 - HEAVY O L	0 0	0.00	0 0	0 0 %
33 - LIGHT OIL	0.1	0.05	0.1	177 6 %
34 - COAL	11 6	9.76	1 8	18 8 %
35 - GAS	87.7	89.64	(1.9)	(2.1 %)
36 - NUCLEAR	0 0	0.00	0 0	0 0 %
37 - SOLAR	0.55	0.55	0.00	0 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 11/1/2019

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)	116.41	122.21	(5.80)	(4.7 %)
42 - COAL (\$/TON)	81.78	87.08	(5.30)	(6.1 %)
43 - GAS (\$/MCF)	4.01	4.03	(0.02)	(0.5 %)
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	20.21	21.22	(1.01)	(4.7 %)
49 - COAL	3.66	3.80	(0.14)	(3.6 %)
50 - GAS	3.92	3.99	(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)	3.92	3.98	(0.06)	(1.5 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	13,294	15,857	(2,563)	(16.2 %)
57 - COAL	10,255	10,572	(317)	(3.0 %)
58 - GAS	7,653	7,450	204	2.7 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,921	7,718	203	2.6 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	26.87	33.65	(6.78)	(20.1 %)
65 - COAL	3.76	4.02	(0.26)	(6.5 %)
66 - GAS	3.00	2.97	0.03	1.1 %
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 %

A-4 System Net Generation and Fuel Cost Report

Report Period : 11/1/2019 to 11/1/2019

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVA L 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	12,927.00	24			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	507.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	714.00	20			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,439.00	22			0				0	0	0.000	
TOTAL Solar	93	15,587.00				0				0	0	0.000	
Steam													
Anclote													
		140,736.00					Gas	1,461,722	1.025	1,498,265	5,997,467	4.262	4.103
TOTAL UNIT 1	511	140,736.00	38			10,646				1,498,265	5,997,467	4.262	
		129,345.00					Gas	1,413,976	1.025	1,449,325	5,801,564	4.485	4.103
TOTAL UNIT 2	514	129,345.00	35			11,205				1,449,325	5,801,564	4.485	
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													
		326,021.00					Coal	144,453	22.220	3,209,746	11,530,855	3.537	79.824
		0.00					No 2	873	5.735	5,007	121,720	0.000	139.427
TOTAL UNIT 4	721	326,021.00	63			9,861				3,214,753	11,652,575	3.574	
		267,021.00					Coal	112,847	22.220	2,507,460	9,007,929	3.373	79.824
		0.00					No 2	2,081	5.735	11,936	290,148	0.000	139.427
TOTAL UNIT 5	721	267,021.00	51			9,435				2,519,396	9,298,077	3.482	
TOTAL Steam	2,467	863,123.00				10,059				8,681,739	32,749,683	4.000	
Gas Turbine													
Avon Park Peaker													
		571.42					No 2	1,668	5.816	9,702	173,864	30.427	104.235
		1,180.38					Gas	19,571	1.024	20,041	80,124	6.788	4.094
TOTAL APP	50	1,752.00	5			16,978				29,742	253,988	14.499	
Bartow Combined Cycle													
		155,682.00					Gas	1,688,679	1.021	1,724,141	6,350,752	4.079	3.761
TOTAL BCC	998	155,682.00	22			11,075				1,724,141	6,350,752	4.079	
Bartow Peaker													
		9.24					No 2	26	5.712	149	2,709	29.325	104.193
		1,759.76					Gas	27,628	1.024	28,291	112,501	6.393	4.072
TOTAL BAP	171	1,769.00	1			16,077				28,440	115,210	6.513	

A-4 System Net Generation and Fuel Cost Report

Report Period : 11/1/2019 to 11/1/2019

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVA L 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	90.00	0			42,523	No 2	670	5.712	3,827	93,719	104.133	139.880
		90.00								3,827	93,719	104.133	
Citrus County													
TOTAL CCCC	1,862	216,431.00	16			7,081	Gas	1,490,807	1.028	1,532,550	15,628,124	7.221	10.483
		216,431.00								1,532,550	15,628,124	7.221	
Debary Peaker													
TOTAL DEP	647	1,162.41	2			13,826	No 2	2,788	5.765	16,071	318,975	27.441	114.410
		5,919.59					Gas	79,692	1.027	81,844	328,479	5.549	4.122
		7,082.00								97,915	647,454	9.142	
Higgins Peaker													
TOTAL HGP	63	574.50	1			17,398	Gas	9,761	1.024	9,995	40,006	6.964	4.099
		574.00								9,995	40,006	6.964	
Hines Energy													
TOTAL HEP	2,188	1,003,238.00	64			7,208	Gas	7,075,755	1.022	7,231,422	27,016,584	2.693	3.818
		1,003,238.00								7,231,422	27,016,584	2.693	
Intercession City Peaker													
TOTAL ICP	1,013	863.13	3			13,094	No 2	1,948	5.802	11,302	2,687	0.311	1.379
		22,854.90					Gas	291,105	1.028	299,256	1,102,367	4.823	3.787
		23,718.00								310,558	1,105,054	4.659	
Osprey													
TOTAL OSP	600	291,139.00	67			6,825	Gas	1,937,629	1.026	1,987,077	7,594,614	2.609	3.920
		291,139.00								1,987,077	7,594,614	2.609	
Suwannee Peaker													
TOTAL SRP	203	128.42	3			13,906	No 2	307	5.817	1,786	28,234	21.985	91.968
		3,890.38					Gas	52,830	1.024	54,098	216,906	5.575	4.106
		4,019.00								55,884	245,140	6.100	
Tiger Bay Cogen													
TOTAL TBP	0	0.00				0	Gas	0	0.000	0	(21)	0.000	0.000
		0.00								0	(21)	0.000	
Univ of Florida Cogen													
TOTAL UFP	46	0.00	95			12,142	No 2	0	0.000	0	0	0.000	0.000
		31,357.00					Gas	371,084	1.026	380,732	1,122,283	3.579	3.024
		31,357.00								380,732	1,122,283	3.579	
TOTAL Gas Turbine	8,079	1,736,851.00				7,711				13,392,283	60,212,908	3.467	
SYSTEM	10,639	2,615,562.13				8,439				22,074,022	92,962,591	3.554	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2019 to 11/1/2019

Duke Energy Florida, LLC

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVA L 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	170,653.00	28			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	6,163.00	19			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	8,152.00	20			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	17,588.00	24			0				0	0	0.000	
TOTAL Solar	93	202,556.00				0				0	0	0.000	
Steam													
Anclote													
		891,502.00					Gas	9,691,918	1.025	9,937,250	37,725,522	4.232	3.892
TOTAL UNIT 1	511	891,502.00	22			11,147				9,937,250	37,725,522	4.232	
		1,263,241.00					Gas	13,945,966	1.024	14,286,894	58,031,597	4.594	4.161
TOTAL UNIT 2	514	1,263,241.00	31			11,310				14,286,894	58,031,597	4.594	
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	45			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	29			10,167				17,294,221	65,629,534	3.858	
TOTAL Steam	2,467	6,476,357.00				10,586				68,561,521	262,889,937	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	173,128	7.525	4.504
TOTAL APP	50	3,012.00	1			17,095				51,493	391,086	12.983	
Bartow Combined Cycle													
		5,414,131.00					Gas	42,195,189	1.020	43,024,851	154,678,985	2.857	3.666
TOTAL BCC	1,207	5,414,131.00	56			7,947				43,024,851	154,678,985	2.857	
Bartow Peaker													
		3,282.13					No 2	9,290	5.712	53,064	967,055	29.464	104.096
		19,742.87					Gas	311,922	1.023	319,197	1,263,405	6.399	4.050
TOTAL BAP	223	23,025.00	1			16,168				372,261	2,230,460	9.687	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2019 to 11/1/2019

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVA L 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	9,569,117.00 9,569,117.00	64			6,838	Gas	63,952,049	1.023	65,430,379 65,430,379	311,004,322 311,004,322	3.250	4.863
Debary Peaker													
TOTAL DEP	712	9,236.38 123,472.62 132,709.00	2			13,844	No 2 Gas	22,162 1,665,025	5.770 1.027	127,869 1,709,366 1,837,235	2,534,957 6,625,493 9,160,451	27.445 5.366 6.903	114.383 3.979
Higgins Peaker													
TOTAL HGP	119	15,999.20 15,999.00	2			16,497	Gas	257,482	1.025	263,946 263,946	1,001,744 1,001,744	6.261	3.891
Hines Energy													
TOTAL HEP	2,188	11,611,624.00 11,611,624.00	66			7,216	Gas	82,066,609	1.021	83,786,733 83,786,733	300,470,927 300,470,927	2.588	3.661
Intercession City Peaker													
TOTAL ICP	1,202	13,485.29 342,297.58 355,783.00	4			13,226	No 2 Gas	30,743 4,424,125	5.802 1.023	178,361 4,527,342 4,705,703	3,035,634 15,770,763 18,806,397	22.511 4.607 5.286	98.742 3.565
Osprey													
TOTAL OSP	600	2,198,492.00 2,198,492.00	46			7,282	Gas	15,663,931	1.022	16,010,459 16,010,459	55,694,129 55,694,129	2.533	3.556
Suwannee Peaker													
TOTAL SRP	203	2,368.64 60,992.26 63,361.00	4			13,824	No 2 Gas	5,629 823,114	5.817 1.024	32,744 843,153 875,897	517,248 3,353,618 3,870,866	21.837 5.498 6.109	91.890 4.074
Tiger Bay Cogen													
TOTAL TBP	231	716,152.00 716,152.00	39			7,747	Gas	5,430,455	1.022	5,547,897 5,547,897	18,669,220 18,669,220	2.607	3.438
Univ of Florida Cogen													
TOTAL UFP	46	432.69 294,633.11 295,066.00	80			10,677	No 2 Gas	797 3,070,240	5.797 1.025	4,620 3,145,907 3,150,527	97,902 11,210,632 11,308,534	22.626 3.805 3.833	122.838 3.651
TOTAL Gas Turbine	8,881	30,401,763.00				7,404				225,105,026	888,452,748	2.922	
SYSTEM	11,441	37,080,675.23				7,920				293,666,547	1,151,342,685	3.105	

A-5 System Generation Fuel Cost Report

Report Period : 11/1/2019 to 11/1/2019

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)	2,485	1,069	1,416	132.5%
20 - UNIT COST (\$/BBL)	141.41	159.75	(18.34)	(11.5%)
21 - AMOUNT (\$)	351,397	170,774	180,623	105.8%
22 - BURNED				
23 - UNITS (BBL)	10,367	1,069	9,298	869.8%
24 - UNIT COST (\$/BBL)	99.55	159.75	(60.20)	(37.7%)
25 - AMOUNT (\$)	1,032,057	170,774	861,283	504.3%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	607,545	659,427	(51,882)	(7.9%)
31 - UNIT COST (\$/BBL)	109.24	108.99	0.25	0.2%
32 - AMOUNT (\$)	66,368,218	71,867,960	(5,499,742)	(7.7%)
33 -				
34 - DAYS SUPPLY	2,158	18,506	(16,348)	(88.3%)

A-5 System Generation Fuel Cost Report

Report Period : 11/1/2019 to 11/1/2019

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	254,149	152,634	101,515	66.5%
37 - UNIT COST (\$/TON)	77.40	93.63	(16.23)	(17.3%)
38 - AMOUNT (\$)	19,670,137	14,291,134	5,379,003	37.6%
39 - BURNED				
40 - UNITS (TON)	257,300	152,634	104,666	68.6%
41 - UNIT COST (\$/TON)	79.82	93.63	(13.81)	(14.7%)
42 - AMOUNT (\$)	20,538,783	14,291,134	6,247,649	43.7%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	242,069	417,395	(175,326)	(42.0%)
48 - UNIT COST (\$/TON)	79.82	86.34	(6.52)	(7.5%)
49 - AMOUNT (\$)	19,323,003	36,037,880	(16,714,877)	(46.4%)
50 -				
51 - DAYS SUPPLY	28	82	(54)	(65.6%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	15,920,239	17,499,286	(1,579,047)	(9.0%)
54 - UNIT COST (\$/MCF)	4.48	4.20	0.29	6.8%
55 - AMOUNT (\$)	71,391,750	73,473,961	(2,082,211)	(2.8%)
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 : 1/1/2019 to 11/1/2019

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	140.21	(4.03)	(2.9%)
21 - AMOUNT (\$)	5,625,721	3,396,554	2,229,167	65.6%
22 - BURNED				
23 - UNITS (BBL)	120,682	51,716	68,966	133.4%
24 - UNIT COST (\$/BBL)	116.41	122.21	(5.80)	(4.7%)
25 - AMOUNT (\$)	14,048,334	6,320,084	7,728,250	122.3%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	607,545	659,427	(51,882)	(7.9%)
31 - UNIT COST (\$/BBL)	109.24	108.99	0.25	0.2%
32 - AMOUNT (\$)	66,368,218	71,867,960	(5,499,742)	(7.7%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2019 to 11/1/2019

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,624,676	1,458,030	166,646	11.4%
37 - UNIT COST (\$/TON)	84.97	92.94	(7.97)	(8.6%)
38 - AMOUNT (\$)	138,047,237	135,508,986	2,538,251	1.9%
39 - BURNED				
40 - UNITS (TON)	1,976,271	1,666,570	309,701	18.6%
41 - UNIT COST (\$/TON)	81.78	87.08	(5.30)	(6.1%)
42 - AMOUNT (\$)	161,620,864	145,132,269	16,488,595	11.4%
43 - ADJUSTMENTS				
44 - UNITS (TON)	(32,271)			
45 - AMOUNT (\$)	(2,764,536)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	242,069	417,395	(175,326)	(42.0%)
48 - UNIT COST (\$/TON)	79.82	86.34	(6.52)	(7.5%)
49 - AMOUNT (\$)	19,323,003	36,037,880	(16,714,877)	(46.4%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	243,536,465	244,415,615	(879,150)	(0.4%)
54 - UNIT COST (\$/MCF)	4.01	4.03	(0.02)	(0.5%)
55 - AMOUNT (\$)	975,673,486	983,929,199	(8,255,713)	(0.8%)
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%

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

(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		3,544		3,544	3.896	4.927	138,100.00	174,650.00	36,550.00
ACTUAL									
PJM Settlements, Inc	MR1	646		646	2.779	2.666	17,955.00	17,223.63	(731.37)
Reedy Creek Improvement District	CR-1	315		315	1.659	1.883	5,225.80	5,931.00	705.20
Southern Company Services, Inc.	EI	3,192		3,192	2.925	4.835	93,355.08	154,333.70	60,978.62
Tampa Electric Company	CR-1	75		75	3.130	4.828	2,347.64	3,621.16	1,273.52
Tampa Electric Company	Schedule J	2,402		2,402	9.218	12.105	221,408.04	290,750.12	69,342.08
Adjustments									
PJM Adjustments								(11.75)	(11.75)
Subtotal - Gain on Other Power Sales		6,630	-	6,630	5.133	7.117	340,291.56	471,847.86	131,556.30
CURRENT MONTH TOTAL		6,630		6,630	5.133	7.117	340,291.56	471,847.86	131,556.30
DIFFERENCE		3,086		3,086	1.236	2.189	202,191.56	297,197.86	95,006.30
DIFFERENCE %		87.06		87.06	31.73	44.43	146.41	170.17	259.94
CUMULATIVE ACTUAL		147,167		147,167	2.986	4.094	4,394,774.93	6,024,292.71	1,629,518.70
CUMULATIVE EST MATED		133,114		133,114	3.471	4.673	4,620,256.00	6,219,931.00	1,599,675.00
DIFFERENCE		14,053		14,053	-0.485	(0.579)	(225,481.07)	(195,638.29)	29,843.70
DIFFERENCE %		10.56		10.56	(13.96)	(12.39)	(4.88)	(3.15)	1.87

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF
November, 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		96,267			96,267	2.955	2.955	2,844,662	2,844,662
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	37,838			37,838	4.751	4.751	1,797,814.98	1,797,814.98
Southern Power Company	Franklin	48,676			48,676	4.142	4.142	2,016,398.66	2,016,398.66
Vandolah Power Company L.L.C.	TOLL	45,369			45,369	5.166	5.166	2,343,832.20	2,343,832.20
ADJUSTMENTS									
Vandolah Power Company L.L.C.	TOLL	3,206			3,206	(0.335)	(0.335)	(10,735.07)	(10,735.07)
Shady Hills Power Company, L.L.C.	TOLL	2,718			2,718	(4.688)	(4.688)	(127,423.92)	(127,423.92)
Southern Power Company	Franklin	16,137			16,137	0.201	0.201	32,448.11	32,448.11
CURRENT MONTH TOTAL		153,944			153,944	3.932	3.932	6,052,334.96	6,052,334.96
D FFERENCE		57,677			57,677	0.977	0.977	3,207,672.96	3,207,672.96
D FFERENCE %		60			60	33.048	33.048	112.76	112.76
CUMULATIVE ACTUAL		2,273,429			2,273,429	3.830	3.830	90,525,065.70	90,525,065.70
CUMULATIVE ESTIMATED		1,938,957			1,938,957	3.906	3.906	75,729,522.00	75,729,522.00
D FFERENCE		334,472			334,472	(0.076)	(0.076)	14,795,543.70	14,795,543.70
D FFERENCE %		17			17	(1.938)	(1.938)	19.54	19.54

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF
NOVEMBER, 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		247,526	-	-	247,526	3.984	14 389	9,860,682 00
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	22 (0)			22 (0)	2.411	2.411	541 24 20.42
Florida Power Development (FCRUSHAS) ADJ	CO-GEN	-			-	-	0 000	-
Florida Power Development (FLACRUSH) ADJ	CO-GEN	-			-	-	0 000	-
Lake County (LAKCOUNT) ADJ	CO-GEN	270			270	2.514	2 514	6,786 66 159 96
Lee County (LEECOGAS) ADJ	CO-GEN	-			-	-	0 000	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	-			-	-	0 000	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	840			840	3.824	3 824	32,121 60
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,961			1,961	2.135	2.135	41,876 83 346 09
Orange Cogen (ORANGECO) ADJ	CO-GEN	30,718			30,718	4.059	21 814	1,246,715 94 (61,821 20)
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	86,400			86,400	5.348	11.736	4,620,968 63 (117,490 81)
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-			-	-	0 000	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,148			17,148	2.532	14 596	434,230.71 49,589 30
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	50 7			50 7	2.770	2.770	1,381.14 404.41
Pinellas County Resource Recovery (P NCOUNT) ADJ	CO-GEN	28,722			28,722	2.438	19 390	700,269 91 62,498 88
Polk Power Partners, L P. (MULBERRY) ADJ	CO-GEN	35,936			35,936	3.011	24 688	1,081,946.14 95,919.73
Wheelabrator Ridge Energy, Inc. (R DGEGEN) ADJ	CO-GEN	-			-	-	-	-
CURRENT MONTH TOTAL		202,074			202,074	4.056	16.760	8,196,465 60
DIFFERENCE		(45,452)			(45,452)	0.072	2 371	(1,664,216.40)
DIFFERENCE %		(18.36)			(18.36)	1.81	16.48	(16.88)
CUMULATIVE ACTUAL		2,280,424			2,280,424	3.981	16.433	90,781,214.75
CUMULATIVE ESTIMATED		2,469,969			2,469,969	4.065	15 568	100,397,655 65
CUMULATIVE DIFFERENCE		(189,545)			(189,545)	(0.084)	0 865	(9,616,440 90)
CUMULATIVE DIFFERENCE %		(7.67)			(8)	(2.06)	5 56	(9.58)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF
NOVEMBER, 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		2,540	3 519	89,384	4.065	103,253	13,869
ACTUAL							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	52	2 915	1,512.54	2.915	1,512.54	-
Duke Electric Transmission	Transmission Purchase	-	0 000	4,451.12	0.000	-	(4,451.12)
Exelon Generation Company, LLC	InternationalSwapsDe	2,442	2.727	66,586.00	3.966	96,858.30	30,272.30
Florida Power & Light Company	Transmission Purchase	-	0 000	11,301.20	0.000	-	(11,301.20)
Florida Power & Light Company		8,676	3 026	262,514.50	3.378	293,062.71	30,548.21
Orlando Utilities Commission	Schedule OS	3,600	3 367	121,200.00	3.322	119,604.00	(1,596.00)
Southern Company Services, Inc.	EEl	304	2 800	8,512.00	4.396	13,363.84	4,851.84
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0 000	7,744.85	0.000	-	(7,744.85)
Tallahassee, FL (City of)	Transmission Purchase	-	0 000	1,050.56	0.000	-	(1,050.56)
The Energy Authority	EEl	75	2 000	1,500.00	2.576	1,932.00	432.00
ADJUSTMENTS							
Florida Power & Light				(929.01)			929.01
Jacksonville Electric Authority		0.10		515.68			(515.68)
PJM Settlements				77.90			(77.90)
SubTotal - Energy Purchases (Non-Broker)		15,149	3 208	486,037.34	3.474	526,333.39	40,296.05
CURRENT MONTH TOTAL		15,149	3 208	486,037.34	3.474	526,333.39	40,296.05
DIFFERENCE		12,609	(0 310)	396,653.34	(0.590)	423,080.39	26,427.05
DIFFERENCE %		496	(8 818)	443.76	(14.521)	409.75	190.55
CUMULATIVE ACTUAL		132,405	4 210	5,574,423.34	5.755	7,619,953.75	2,046,097.72
CUMULATIVE ESTIMATED		68,346	3 950	2,699,971.00	4.071	2,782,371.00	82,400.00
DIFFERENCE		64,059	0 260	2,874,452.34	1.684	4,837,582.75	1,963,697.72
DIFFERENCE %		94	6 574	106.46	41.366	173.87	2,383.13

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		61,525,353.26
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		61,997,781.12
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		22,210,870.00
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		52,871,527.50
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		84,633,072.26
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		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		45,847,557.15
8 Retail Wheeling				(45,534)	(8,443)	(35,373)	(39,200)	(57,327)	(29,146)	(30,224)	(2,595)	(14,622)	(443)	(33,247)		(296,153.90)
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		40,298,373.73
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		6,306,517.20
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		36,714,223.21
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		295,427.59
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		20,953,041.66
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		7,335,614.92
15 Hamilton SoBRA True-Up				0	0	0	0	0	0	0	0	(478,334)	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	0	441,015,818