



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

June 15, 2020

VIA ELECTRONIC FILING

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

Re: Docket No. 20200001-EI

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket on behalf of Duke Energy Florida, LLC, are Schedules A1 through A9 and A12 for the reporting month of May, 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 15th day of June, 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>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>
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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

MAY 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)	87,128,507	95,436,743	(8,308,236)	(8.7)	3,341,829	3,600,261	(258,432)	(7.2)	2.6072	2.6508	(0.0436)	(1.6)
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	1,142,435	1,140,846	1,589	0.1	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	88,270,942	96,577,589	(8,306,647)	(8.6)	3,341,829	3,600,261	(258,432)	(7.2)	2.6414	2.6825	(0.0411)	(1.5)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	6,444,417	2,849,192	3,595,225	126.2	188,316	106,271	82,045	77.2	3.4221	2.6811	0.7410	27.6
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)	407,645	154,746	252,899	163.4	13,029	3,662	9,367	255.8	3.1287	4.2255	(1.0968)	(26.0)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	7,518,681	9,568,253	(2,049,572)	(21.4)	215,806	244,286	(28,480)	(11.7)	3.4840	3.9168	(0.4328)	(11.1)
9 TOTAL COST OF PURCHASED POWER	14,370,744	12,572,191	1,798,553	14.3	417,151	354,219	62,932	17.8	3.4450	3.5493	(0.1043)	(2.9)
10 TOTAL AVAILABLE MWH					3,758,981	3,954,480	(195,500)	(5)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(64,389)	(436,929)	372,540	(85.3)	(2,375)	(13,266)	10,891	(82.1)	2.7111	3.2937	(0.5826)	(17.7)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(13,643)	(114,599)	100,956	(88.1)	(2,375)	(13,266)	10,891	(82.1)	0.5744	0.8639	(0.2895)	(33.5)
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	(5,417,069)	(2,481,655)	(2,935,413)	118.3	(256,476)	(132,782)	(123,694)	93.2	2.1121	1.8690	0.2431	13.0
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(5,495,100)	(3,033,183)	(2,461,917)	81.2	(258,851)	(146,048)	(112,803)	77.2	2.1229	2.0768	0.0461	2.2
14 NET INADVERTENT AND WHEELED INTERCHANGE					18,469	0	18,469					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	97,146,585	106,116,596	(8,970,011)	(8.5)	3,518,599	3,808,432	(289,834)	(7.6)	2.7609	2.7864	(0.0255)	(0.9)
16 NET UNBILLED	9,254,882	15,375,559	(6,120,677)	(39.8)	(335,207)	(551,815)	216,608	(39.3)	0.3083	0.5104	(0.2021)	(39.6)
17 COMPANY USE	478,785	427,656	51,129	12.0	(17,341)	(15,348)	(1,993)	13.0	0.0160	0.0142	0.0018	12.7
18 T & D LOSSES	4,536,620	6,374,380	(1,837,760)	(28.8)	(164,314)	(228,771)	64,457	(28.2)	0.1511	0.2116	(0.0605)	(28.6)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	97,146,585	106,116,596	(8,970,011)	(8.5)	3,001,736	3,012,498	(10,762)	(0.4)	3.2363	3.5225	(0.2862)	(8.1)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(650,882)	(626,088)	(24,794)	4.0	(19,970)	(17,677)	(2,293)	13.0	3.2592	3.5418	(0.2826)	(8.0)
21 JURISDICTIONAL KWH SALES	96,495,703	105,490,508	(8,994,805)	(8.5)	2,981,766	2,994,821	(13,055)	(0.4)	3.2362	3.5224	(0.2862)	(8.1)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	96,525,617	105,523,210	(8,997,594)	(8.5)	2,981,766	2,994,821	(13,055)	(0.4)	3.2372	3.5235	(0.2863)	(8.1)
23 PRIOR PERIOD TRUE-UP	(77,026,561)	(77,026,561)	(0)	0.0	2,981,766	2,994,821	(13,055)	(0.4)	(2.5833)	(2.5720)	(0.0113)	0.4
24 TOTAL JURISDICTIONAL FUEL COST	19,499,055	28,496,649	(8,997,594)	(31.6)	2,981,766	2,994,821	(13,055)	(0.4)	0.6539	0.9515	(0.2976)	(31.3)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									0.6544	0.9522	(0.2978)	(31.3)
27 GPIF	215,975	215,975			2,981,766	2,994,821			0.0072	0.0072	0.0000	0.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									0.662	0.959	(0.298)	(31.0)

*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 - MAY 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)	371,546,675	386,118,742	(14,572,066)	(3.8)	14,668,456	14,691,812	(23,356)	(0.2)	2.5330	2.6281	(0.0951)	(3.6)
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	(7,449,260)	(7,462,028)	12,768	(0.2)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	364,097,416	378,656,714	(14,559,298)	(3.8)	14,668,456	14,691,812	(23,356)	(0.2)	2.4822	2.5773	(0.0951)	(3.7)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	19,450,072	11,297,351	8,152,721	72.2	539,630	364,702	174,928	48.0	3.6043	3.0977	0.5066	16.4
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	2,496,758	967,113	1,529,645	158.2	82,637	32,289	50,348	155.9	3.0214	2.9952	0.0262	0.9
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	32,893,585	41,557,932	(8,664,346)	(20.9)	987,589	1,117,543	(129,954)	(11.6)	3.3307	3.7187	(0.3880)	(10.4)
9 TOTAL COST OF PURCHASED POWER	54,840,415	53,822,396	1,018,019	1.9	1,609,856	1,514,534	95,322	6.3	3.4065	3.5537	(0.1472)	(4.1)
10 TOTAL AVAILABLE MWH					16,278,312	16,206,346	71,966	0.4				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(343,798)	(973,924)	630,126	(64.7)	(20,961)	(37,241)	16,280	(43.7)	1.6402	2.6152	(0.9750)	(37.3)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(116,748)	(258,515)	141,767	(54.8)	(20,961)	(37,241)	16,280	(43.7)	0.5570	0.6942	(0.1372)	(19.8)
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	(11,224,713)	(8,056,070)	(3,168,643)	39.3	(629,567)	(440,687)	(188,880)	42.9	1.7829	1.8281	(0.0452)	(2.5)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(11,685,260)	(9,288,509)	(2,396,750)	25.8	(650,528)	(477,928)	(172,601)	36.1	1.7963	1.9435	(0.1472)	(7.6)
14 NET INADVERTENT AND WHEELED INTERCHANGE					85,289	33,592	51,697					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	407,252,571	423,190,601	(15,938,029)	(3.8)	15,713,073	15,762,011	(48,937)	(0.3)	2.5918	2.6849	(0.0931)	(3.5)
16 NET UNBILLED	8,138,148	23,554,856	(15,416,708)	(65.5)	(293,262)	(852,803)	559,541	(65.6)	0.0563	0.1725	(0.1162)	(67.4)
17 COMPANY USE	1,630,683	1,769,672	(138,989)	(7.9)	(62,630)	(65,542)	2,912	(4.4)	0.0113	0.0130	(0.0017)	(13.1)
18 T & D LOSSES	23,555,881	31,466,792	(7,910,911)	(25.1)	(912,489)	(1,185,563)	273,074	(23.0)	0.1631	0.2304	(0.0673)	(29.2)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	407,252,571	423,190,601	(15,938,029)	(3.8)	14,444,692	13,658,102	786,590	5.8	2.8194	3.0985	(0.2791)	(9.0)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(2,959,216)	(2,291,675)	(667,541)	29.1	(104,508)	(74,043)	(30,465)	41.2	2.8316	3.0951	(0.2635)	(8.5)
21 JURISDICTIONAL KWH SALES	404,293,356	420,898,926	(16,605,570)	(4.0)	14,340,184	13,584,059	756,125	5.6	2.8193	3.0985	(0.2792)	(9.0)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	404,420,808	421,031,526	(16,610,718)	(4.0)	14,340,184	13,584,059	756,125	5.6	2.8202	3.0995	(0.2793)	(9.0)
23 PRIOR PERIOD TRUE-UP	(72,205,667)	(72,205,665)	(2)	0.0	14,340,184	13,584,059	756,125	5.6	(0.5035)	(0.5315)	0.0280	(5.3)
24 TOTAL JURISDICTIONAL FUEL COST	332,215,142	348,825,861	(16,610,720)	(4.8)	14,340,184	13,584,059	756,125	5.6	2.3167	2.5680	(0.2513)	(9.8)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.3184	2.5698	(0.2515)	(9.8)
27 GPIF	1,079,874	1,079,875			14,340,184	13,584,059			0.0075	0.0079	(0.0004)	105.3
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.326	2.578	(0.252)	(9.8)

*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
MAY 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	\$87,128,507	95,436,743	(\$8,308,236)	(8.7)	\$371,546,675	\$386,118,742	(\$14,572,066)	(3.8)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(64,389)	(436,929)	372,540	(85.3)	(343,798)	(973,924)	630,126	(64.7)
2a. GAIN ON POWER SALES	(13,643)	(114,599)	100,956	(88.1)	(116,748)	(258,515)	141,767	(54.8)
3 . FUEL COST OF PURCHASED POWER	6,444,417	2,849,192	3,595,225	126.2	19,450,072	11,297,351	8,152,721	72.2
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,518,681	9,568,253	(2,049,572)	(21.4)	32,893,585	41,557,932	(8,664,346)	(20.9)
4 . ENERGY COST OF ECONOMY PURCHASES	407,645	154,746	252,899	163.4	2,496,758	967,113	1,529,645	158.2
5 . TOTAL FUEL & NET POWER TRANSACTIONS	101,421,219	107,457,406	(6,036,187)	(5.6)	425,926,544	438,708,698	(12,782,155)	(2.9)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(5,417,069)	(2,481,655)	(2,935,413)	118.3	(11,224,713)	(8,056,070)	(3,168,643)	39.3
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,142,435	1,140,846	1,589	0.1	(7,449,260)	(7,462,028)	12,768	(0.2)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$97,146,585	\$106,116,596	(\$8,970,011)	(8.5)	\$407,252,571	\$423,190,601	(\$15,938,029)	(3.8)

FOOTNOTE: DETAIL OF LINE 6b ABOVE

N/A - Not used	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	670	0	670	3,610	0	3,610	
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	0	0	0	
FPD AGREEMENT TERMINATION	1,141,765	0	1,141,765	5,746,971	0	5,746,971	
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	\$1,142,435	\$0	\$1,142,435	(\$7,449,260)	\$0	(\$7,449,260)	

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

B. KWH SALES

1 . JURISDICTIONAL SALES	2,981,765,966	2,994,820,644	(13,054,678)	(0.4)	14,340,182,883	13,584,059,389	756,123,494	5.6
2 . NON JURISDICTIONAL (WHOLESALE) SALES	19,970,478	17,677,100	2,293,378	13.0	104,507,929	74,042,528	30,465,401	41.2
3 . TOTAL SALES	3,001,736,444	3,012,497,744	(10,761,300)	(0.4)	14,444,690,812	13,658,101,917	786,588,895	5.8
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.33	99.41	(0.08)	(0.1)	99.28	99.46	(0.18)	(0.2)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$25,329,422	\$21,936,241	\$3,393,181	15.5	\$393,589,000	\$371,330,578	\$22,258,422	6.0
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	77,026,561	77,026,561	0	0.0	72,205,667	72,205,665	2	0.0
2b. INCENTIVE PROVISION	(215,975)	(215,975)	0	0.0	(1,079,874)	(1,079,875)	1	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	102,140,009	98,746,827	3,393,181	3.4	464,714,793	442,456,368	22,258,425	5.0
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	97,146,585	106,116,596	(8,970,011)	(8.5)	407,252,571	423,190,601	(15,938,029)	(3.8)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.33	99.41	(0.08)	(0.1)	99.28	99.46	(0.18)	(0.2)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	96,525,617	105,523,210	(8,997,594)	(8.5)	404,420,808	421,031,526	(16,610,718)	(4.0)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	5,614,392	(6,776,383)	12,390,775	(182.9)	60,293,985	21,424,841	38,869,143	181.4
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(736)	(59,781)	59,045	(98.8)	(62,081)	(138,631)	76,550	(55.2)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	23,441,228	(3,054,643)	26,495,871	(867.4)	(35,997,914)	(35,997,914)	(0)	0.0
10. TRUE UP COLLECTED (REFUNDED)	(77,026,561)	(77,026,561)	(0)	0.0	(72,205,667)	(72,205,665)	(2)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(47,971,677)	(86,917,368)	38,945,691	(44.8)	(47,971,677)	(86,917,368)	38,945,691	(44.8)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$47,971,677)	(86,917,368)	38,945,691	(44.8)	(\$47,971,677)	(86,917,368)	38,945,691	(44.8)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	\$23,441,228	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(47,970,941)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(24,529,713)	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	(12,264,857)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.060	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.080	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.140	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.070	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.006	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$736)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 5/1/2020 to 5/1/2020

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	1,319,347	174,245	1,145,102	657.2 %
3 - COAL	12,417,961	11,164,667	1,253,294	11.2 %
4 - GAS	73,391,199	84,097,831	(10,706,632)	(12.7 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	87,128,507	95,436,743	(8,308,236)	(8.7 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	503	3	500	16653.7 %
11 - COAL	313,029	267,015	46,014	17.2 %
12 - GAS	2,944,556	3,237,256	(292,700)	(9.0 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	83,741	95,987	(12,246)	(12.8 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,341,829	3,600,261	(258,432)	(7.2 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	10,138	1,005	9,133	908.8 %
19 - COAL (TON)	140,193	125,531	14,662	11.7 %
20 - GAS (MCF)	21,849,351	23,173,883	(1,324,532)	(5.7 %)
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	12,906	5,858	7,048	120.3 %
26 - COAL	3,387,063	2,923,179	463,884	15.9 %
27 - GAS	22,399,972	23,173,883	(773,911)	(3.3 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	25,799,940	26,102,920	(302,980)	(1.2 %)
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.0	0.00	0.0	17949.3 %
34 - COAL	9.4	7.42	2.0	26.3 %
35 - GAS	88.1	89.92	(1.8)	(2.0 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.5	2.67	(0.2)	(6.0 %)
38	0	0	0	0

A-3 Generating System Comparative Data Report

Report Period : 5/1/2020 to 5/1/2020

Duke Energy Florida, LLC

39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	130.14	173.38	(43.24)	(24.9 %)
42 - COAL (\$/TON)	88.58	88.94	(0.36)	(0.4 %)
43 - GAS (\$/MCF)	3.36	3.63	(0.27)	(7.4 %)
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 OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	102.23	29.74	72.49	243.7 %
49 - COAL	3.67	3.82	(0.15)	(4.0 %)
50 - GAS	3.28	3.63	(0.35)	(9.7 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	3.38	3.66	(0.28)	(7.6 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	25,677	1,952,667	(1,926,990)	(98.7 %)
57 - COAL	10,820	10,948	(127)	(1.2 %)
58 - GAS	7,607	7,158	449	6.3 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,720	7,250	470	6.5 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	262.50	5,808.17	(5,545.67)	(95.5 %)
65 - COAL	3.97	4.18	(0.21)	(5.1 %)
66 - GAS	2.49	2.60	(0.11)	(4.1 %)
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	2.61	2.65	(0.04)	(1.6 %)

A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 5/1/2020

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	3,147,012	1,214,836	1,932,176	159.0 %
3 - COAL	19,672,658	17,098,489	2,574,169	15.1 %
4 - GAS	348,727,006	367,805,417	(19,078,411)	(5.2 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	371,546,675	386,118,742	(14,572,067)	(3.8 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	5,223	2,967	2,256	76.0 %
11 - COAL	495,147	296,917	198,230	66.8 %
12 - GAS	13,908,812	14,095,668	(186,856)	(1.3 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	259,274	296,261	(36,987)	(12.5 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	14,668,456	14,691,813	(23,357)	(0.2 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	26,730	9,258	17,472	188.7 %
19 - COAL (TON)	219,339	139,041	80,298	57.8 %
20 - GAS (MCF)	103,044,395	101,163,383	1,881,012	1.9 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	108,457	53,580	54,877	102.4 %
26 - COAL	5,276,391	3,237,087	2,039,304	63.0 %
27 - GAS	105,724,670	102,132,710	3,591,960	3.5 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	111,109,519	105,423,377	5,686,142	5.4 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.0	0.02	0.0	76.3 %
34 - COAL	3.4	2.02	1.4	67.0 %
35 - GAS	94.8	95.94	(1.1)	(1.2 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.8	2.02	(0.2)	(12.3 %)
38	0	0	0	0

A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 5/1/2020

Duke Energy Florida, LLC

39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	117.72	131.22	(13.50)	(10.3 %)
42 - COAL (\$/TON)	89.69	122.97	(33.28)	(27.1 %)
43 - GAS (\$/MCF)	3.38	3.64	(0.25)	(6.9 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	29.02	22.67	6.34	28.0 %
49 - COAL	3.73	5.28	(1.55)	(29.4 %)
50 - GAS	3.30	3.60	(0.30)	(8.4 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	3.34	3.66	(0.32)	(8.7 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	20,765	18,059	2,706	15.0 %
57 - COAL	10,656	10,902	(246)	(2.3 %)
58 - GAS	7,601	7,246	356	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)	7,575	7,176	399	5.6 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	60.25	40.94	19.31	47.2 %
65 - COAL	3.97	5.76	(1.79)	(31.0 %)
66 - GAS	2.51	2.61	(0.10)	(3.9 %)
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)	2.53	2.63	(0.10)	(3.6 %)

A-4 System Net Generation and Fuel Cost Report

Report Period : 5/1/2020 to 5/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Columbia Solar 1													
TOTAL CSF 1	75	20,623.00	37			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	8,333.00	15			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	20,242.00	36			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	10,755.00	32			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	586.00	20			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	967.00	26			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,957.00	29			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	20,278.00	36			0				0	0	0.000	
St. Pete Pier	0.35	0.46	0.2			0				0	0	0.000	
TOTAL Solar	362	83,741.46				0				0	0	0.000	
Steam													
Anclote													
		66,225.00					Gas	779,005	1.024	797,701	2,990,528	4.516	3.839
TOTAL UNIT 1	521	66,225.00	17			12,045				797,701	2,990,528	4.516	
		82,035.00					Gas	919,028	1.024	941,085	3,528,063	4.301	3.839
TOTAL UNIT 2	514	82,035.00	21			11,472				941,085	3,528,063	4.301	
Crystal River 4 & 5													
		116,271.00					Coal	53,300	24.160	1,287,728	4,721,187	4.061	88.578
		0.00					No 2	5,459	0.476	2,601	731,935	0.000	134.079
TOTAL UNIT 4	721	116,271.00	22			11,098				1,290,329	5,453,122	4.690	
		196,758.00					Coal	86,893	24.160	2,099,335	7,696,774	3.912	88.578
		0.00					No 2	3,129	0.452	1,414	419,532	0.000	134.079
TOTAL UNIT 5	721	196,758.00	37			10,677				2,100,749	8,116,306	4.125	
TOTAL Steam	2,477	461,289.00				11,121				5,129,864	20,088,018	4.000	
Gas Turbine													
Bartow Combined Cycle													
		577,023.00					Gas	4,234,043	1.026	4,344,128	12,449,574	2.158	2.940
TOTAL BCC	1,308	577,023.00	59			7,529				4,344,128	12,449,574	2.158	
Bartow Peaker													
		241.03					No 2	711	5.712	4,061	73,950	30.680	104.009
		1,350.97					Gas	22,251	1.023	22,763	85,322	6.316	3.835
TOTAL BAP	223	1,592.00	1			16,849				26,824	159,272	10.005	
Bayboro Peaker													
		63.00					No 2	374	5.712	2,136	52,599	83.491	140.640
TOTAL BYP	238	63.00	0			33,909				2,136	52,599	83.491	
Citrus County													

A-4 System Net Generation and Fuel Cost Report

Report Period : 5/1/2020 to 5/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
TOTAL CCCC	1,884	935,617.00	67			6,948	Gas	6,336,308	1.026	6,501,052	24,092,232	2.575	3.802
Debary Peaker													
TOTAL DEP	288	10,670.00	5			13,978	Gas	145,363	1.026	149,142	559,057	5.240	3.846
Hines Energy													
TOTAL HEP	2,184	948,444.00	58			7,393	Gas	6,847,075	1.024	7,011,405	22,074,947	2.327	3.224
Intercession City Peaker													
TOTAL ICP	883	26,052.00	4			13,439	No 2 Gas	419 338,880	5.802 1.026	2,431 347,691	41,330 996,927	22.850 3.853	98.640 2.942
Osprey													
TOTAL OSP	600	282,305.00	63			7,311	Gas	2,011,627	1.026	2,063,929	5,914,980	2.095	2.940
Suwannee Peaker													
TOTAL SRP	136	4,499.00	4			14,459	No 2 Gas	45 63,152	5.817 1.026	262 64,794	0 242,882	0.000 5.420	0.000 3.846
Tiger Bay Cogen													
TOTAL TBP	231	190.00	0			7,982	Gas	1,481	1.024	1,517	4,232	2.227	2.858
Univ of Florida Cogen													
TOTAL UFP	43	10,343.00	32			14,963	No 2 Gas	0 151,138	0.000 1.024	0 154,765	0 452,456	0.000 4.374	0.000 2.994
TOTAL Gas Turbine	8,018	2,796,798.00				7,391				20,670,076	67,040,489	2.397	
SYSTEM TOTAL	10,857	3,341,828.75				7,720				25,799,940	87,128,507	2.607	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 5/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Columbia Solar 1													
TOTAL CSF 1	75	44,348.00	16			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	8,333.00	3			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	76,634.00	28			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	41,886.00	26			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	2,886.00	20			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	3,882.00	21			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	7,951.00	24			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	73,345.00	27			0				0	0	0.000	
St. Pete Pier	0.35	8.62	1.7			0				0	0	0.000	
TOTAL Solar	362	259,273.62				0				0	0	0.000	
Steam													
Anclote													
		474,526.00					Gas	5,333,969	1.026	5,473,277	20,245,898	4.267	3.796
TOTAL UNIT 1	521	474,526.00	25			11,534				5,473,277	20,245,898	4.267	
		321,372.00					Gas	3,586,507	1.026	3,679,330	12,859,199	4.001	3.585
TOTAL UNIT 2	514	321,372.00	17			11,449				3,679,330	12,859,199	4.001	
Crystal River 4 & 5													
		116,271.00					Coal	53,300	24.160	1,287,728	4,721,187	4.061	88.578
		0.00					No 2	5,459	0.476	2,601	731,935	0.000	134.079
TOTAL UNIT 4	721	116,271.00	4			11,098				1,290,329	5,453,122	4.690	
		378,876.00					Coal	166,039	24.022	3,988,663	14,951,471	3.946	90.048
		0.00					No 2	8,476	3.787	32,097	1,003,430	0.000	118.385
TOTAL UNIT 5	721	378,876.00	14			10,612				4,020,760	15,954,901	4.211	
TOTAL Steam	2,477	1,291,045.00				11,203				14,463,696	54,513,120	4.000	
Gas Turbine													
Bartow Combined Cycle													
		2,731,222.00					Gas	20,245,781	1.024	20,740,247	61,721,860	2.260	3.049
TOTAL BCC	1,308	2,731,222.00	57			7,594				20,740,247	61,721,860	2.260	
Bartow Peaker													
		622.34					No 2	1,741	5.712	9,945	181,164	29.110	104.058
		2,861.66					Gas	44,639	1.024	45,728	166,258	5.810	3.724
TOTAL BAP	223	3,484.00	0			15,979				55,672	347,422	9.972	
Bayboro Peaker													
		852.35					No 2	2,428	5.712	13,869	339,438	39.824	139.801
TOTAL BYP	238	852.00	0			16,271				13,869	339,438	39.824	
Citrus County													

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 5/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
TOTAL CCCC	1,884	4,970,309.00	72			6,824	Gas	32,976,030	1.029	33,918,670	124,353,809	2.502	3.771
Debary Peaker													
		1,341.61					No 2	3,218	5.768	18,561	367,653	27.404	114.249
		55,715.39					Gas	749,396	1.029	770,802	2,773,304	4.978	3.701
TOTAL DEP	642	57,057.00	2			13,835				789,363	3,140,957	5.505	
Hines Energy													
		166.49					No 2	212	5.817	1,233	17,376	10.437	81.964
		4,351,288.51					Gas	31,469,727	1.024	32,229,589	100,296,525	2.305	3.187
TOTAL HEP	2,184	4,351,455.00	55			7,407				32,230,822	100,313,901	2.305	
Intercession City Peaker													
		2,062.76					No 2	4,761	5.802	27,622	470,148	22.792	98.750
		115,885.05					Gas	1,510,248	1.027	1,551,769	4,448,548	3.839	2.946
TOTAL ICP	1,108	117,948.00	3			13,391				1,579,391	4,918,696	4.170	
Osprey													
		462,097.00					Gas	3,419,690	1.026	3,507,055	10,271,936	2.223	3.004
TOTAL OSP	600	462,097.00	21			7,589				3,507,055	10,271,936	2.223	
Suwannee Peaker													
		177.44					No 2	435	5.817	2,530	35,867	20.214	82.454
		21,667.46					Gas	300,819	1.027	308,996	1,124,162	5.188	3.737
TOTAL SRP	203	21,845.00	3			14,261				311,526	1,160,029	5.310	
Tiger Bay Cogen													
		265,825.00					Gas	2,008,843	1.027	2,063,111	5,859,442	2.204	2.917
TOTAL TBP	231	265,825.00	32			7,761				2,063,111	5,859,442	2.204	
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		136,042.70					Gas	1,398,746	1.027	1,436,096	4,606,065	3.386	3.293
TOTAL UFP	46	136,043.00	81			10,556				1,436,096	4,606,065	3.386	
TOTAL Gas Turbine	8,667	13,118,137.00				7,367				96,645,822	317,033,556	2.417	
SYSTEM TOTAL	11,506	14,668,455.38				7,575				111,109,519	371,546,676	2.533	

A-5 System Generation Fuel Cost Report

Report Period : 5/1/2020 to 5/1/2020

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)	8,349	1,005	7,344	730.7%
20 - UNIT COST (\$/BBL)	153.72	173.38	(19.66)	(11.3%)
21 - AMOUNT (\$)	1,283,431	174,245	1,109,186	636.6%
22 - BURNED				
23 - UNITS (BBL)	10,138	1,005	9,133	908.8%
24 - UNIT COST (\$/BBL)	130.14	173.38	(43.24)	(24.9%)
25 - AMOUNT (\$)	1,319,347	174,245	1,145,102	657.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	598,121	604,058	(5,937)	(1.0%)
31 - UNIT COST (\$/BBL)	108.42	108.36	0.06	0.1%
32 - AMOUNT (\$)	64,848,515	65,456,505	(607,990)	(0.9%)
33 -				

A-5 System Generation Fuel Cost Report

Report Period : 5/1/2020 to 5/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
34 - DAYS SUPPLY	1,829	18,032	(16,203)	(89.9%)
COAL				
35 - PURCHASES				
36 - UNITS (TON)	139,943	125,531	14,412	11.5%
37 - UNIT COST (\$/TON)	74.04	88.94	(14.90)	(16.8%)
38 - AMOUNT (\$)	10,361,470	11,164,667	(803,197)	(7.2%)
39 - BURNED				
40 - UNITS (TON)	140,193	125,531	14,662	11.7%
41 - UNIT COST (\$/TON)	88.58	88.94	(0.36)	(0.4%)
42 - AMOUNT (\$)	12,417,961	11,164,667	1,253,294	11.2%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	530,819	432,247	98,572	22.8%
48 - UNIT COST (\$/TON)	88.58	88.94	(0.36)	(0.4%)
49 - AMOUNT (\$)	47,018,712	38,443,832	8,574,880	22.3%
50 -				
51 - DAYS SUPPLY	117	103	14	13.6%
GAS				
52 - BURNED				
53 - UNITS (MCF)	21,849,351	23,173,883	(1,324,532)	(5.7%)
54 - UNIT COST (\$/MCF)	3.36	3.63	(0.27)	(7.4%)
55 - AMOUNT (\$)	73,391,199	84,097,831	(10,706,632)	(12.7%)
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%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2020 to 5/1/2020

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)	19,236	7,702	11,534	149.8%
20 - UNIT COST (\$/BBL)	95.21	65.87	29.34	44.5%
21 - AMOUNT (\$)	1,831,525	507,340	1,324,185	261.0%
22 - BURNED				
23 - UNITS (BBL)	26,730	9,258	17,472	188.7%
24 - UNIT COST (\$/BBL)	117.72	131.22	(13.50)	(10.3%)
25 - AMOUNT (\$)	3,147,012	1,214,836	1,932,176	159.0%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	598,121	604,058	(5,937)	(1.0%)
31 - UNIT COST (\$/BBL)	108.42	108.36	0.06	0.1%
32 - AMOUNT (\$)	64,848,515	65,456,505	(607,990)	(0.9%)
33 -				

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2020 to 5/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
34 - DAYS SUPPLY	0	0	0	0.0%
COAL				
35 - PURCHASES				
36 - UNITS (TON)	412,038	233,168	178,870	76.7%
37 - UNIT COST (\$/TON)	99.76	117.46	(17.70)	(15.1%)
38 - AMOUNT (\$)	41,106,621	27,388,273	13,718,348	50.1%
39 - BURNED				
40 - UNITS (TON)	219,339	139,041	80,298	57.8%
41 - UNIT COST (\$/TON)	89.69	122.97	(33.28)	(27.1%)
42 - AMOUNT (\$)	19,672,658	17,098,489	2,574,169	15.1%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	530,819	432,247	98,572	22.8%
48 - UNIT COST (\$/TON)	88.58	88.94	(0.36)	(0.4%)
49 - AMOUNT (\$)	47,018,712	38,443,832	8,574,880	22.3%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	103,044,395	101,163,383	1,881,012	1.9%
54 - UNIT COST (\$/MCF)	3.38	3.64	(0.25)	(6.9%)
55 - AMOUNT (\$)	348,727,006	367,805,417	(19,078,411)	(5.2%)
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%

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
May 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		13,266		13,266	3.294	4.158	436,929.00	551,528	114,599.00
ACTUAL									
Orlando Utilities Commission	Schedule OS	1,675		1,675	2.302	2.739	38,559.25	45,884.25	7,325.00
Tallahassee (City of)	Schedule OS	100		100	2.835	3.811	2,835.00	3,811.00	976.00
Tampa Electric Company	CR-1	600		600	3.832	4.723	22,994.56	28,336.32	5,341.76
Adjustments									
Subtotal - Gain on Other Power Sales		2,375	-	2,375	2.711	3.286	64,388.81	78,031.57	13,642.76
CURRENT MONTH TOTAL		2,375		2,375	2.711	3.286	64,388.81	78,031.57	13,642.76
DIFFERENCE		(10,891)		(10,891)	(0.583)	(0.872)	(372,540.19)	(473,496.43)	(100,956.24)
DIFFERENCE %		(82.10)		(82.10)	(17.70)	(20.98)	(85.26)	(85.85)	(88.10)
CUMULATIVE ACTUAL		20,961		20,961	1.640	2.197	343,798.37	460,546.50	116,748.13
CUMULATIVE ESTIMATED		37,241		37,241	2.615	3.309	973,924.00	1,232,439.00	258,515.00
DIFFERENCE		(16,280)		(16,280)	-0.975	(1.112)	(630,125.63)	(771,892.50)	(141,766.87)
DIFFERENCE %		(43.71)		(43.71)	(37.28)	(33.61)	(64.70)	(62.63)	(54.84)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
MAY, 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		106,271			106,271	2.681	2.681	2,849,192	2,849,192
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	2,539			2,539	6.535	6.535	165,928.21	165,928.21
Southern Power Company	Franklin	127,571			127,571	2.717	2.717	3,465,981.88	3,465,981.88
Vandolah Power Company L.L.C.	TOLL	57,690			57,690	4.921	4.921	2,838,760.16	2,838,760.16
ADJUSTMENTS									
Shady Hills Power Company, L.L.C.	TOLL	128			128	(12.653)	(12.653)	(16,195.69)	(16,195.69)
Southern Power Company	Franklin	-			-	-	-	(6,773.16)	(6,773.16)
Vandolah Power Company L.L.C.	TOLL	388			388	(0.846)	(0.846)	(3,284.26)	(3,284.26)
CURRENT MONTH TOTAL		188,316			188,316	3.422	3.422	6,444,417.14	6,444,417.14
DIFFERENCE		82,045			82,045	0.741	0.741	3,595,225.14	3,595,225.14
DIFFERENCE %		77			77	27.644	27.644	126.18	126.18
CUMULATIVE ACTUAL		539,630			539,630	3.604	3.604	19,450,072.13	19,450,072.13
CUMULATIVE ESTIMATED		364,702			364,702	3.098	3.098	11,297,351.00	11,297,351.00
DIFFERENCE		174,928			174,928	0.507	0.507	8,152,721.13	8,152,721.13
DIFFERENCE %		48			48	16.355	16.355	72.16	72.16

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
MAY, 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		244,286	-	-	244,286	3.917	15.034	9,568,252.82
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	2 (14)			2 (14)	1.508	1.508	27.89 (235.62)
Lake County (LAKCOUNT) ADJ	CO-GEN	295 -			295 -	1.582	1.582	4,666.34 (1,036.66)
Metro-Dade County (METRDDAS) ADJ	CO-GEN	- -			- -	-	0.000	- 853.52
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,435 -			1,435 -	1.409	1.409	20,213.95 (1,499.75)
Orange Cogen (ORANGECO) ADJ	CO-GEN	35,284 -			35,284 -	3.881	20.482	1,369,358.18 (29,801.40)
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	88,269 -			88,269 -	5.266	11.960	4,648,249.21 (14,734.73)
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,699 -			17,699 -	1.618	13.629	286,314.98 (21,865.14)
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	15 (42)			15 (42)	1.826	1.826	273.53 (640.44)
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	35,165 -			35,165 -	1.629	16.044	572,851.56 (43,427.14)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	37,698 -			37,698 -	2.064	23.385	778,108.39 (48,995.41)
CURRENT MONTH TOTAL		215,806			215,806	3.484	16.068	7,518,681.27
DIFFERENCE		(28,480)			(28,480)	(0.433)	1.034	(2,049,571.55)
DIFFERENCE %		(11.66)			(11.66)	(11.05)	6.88	(21.42)
CUMULATIVE ACTUAL		987,588			987,588	3.331	17.079	32,893,585.21
CUMULATIVE ESTIMATED		1,117,543			1,117,543	3.719	15.869	41,557,931.59
CUMULATIVE DIFFERENCE		(129,955)			(129,955)	(0.388)	1.210	(8,664,346.38)
CUMULATIVE DIFFERENCE %		(11.63)			(11.63)	(10.43)	7.63	(20.85)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
MAY, 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		3,662	4.225	154,746	4.931	180,601	25,855
ACTUAL:							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	1,079	2.720	29,352.20	2.720	29,352.20	-
Exelon Generation Company, LLC	InternationalSwapsDe	1,600	2.500	40,000.00	5.065	81,043.40	41,043.40
Florida Power & Light Company	Transmission Purchase	-	0.000	24,220.00	0.000	-	(24,220.00)
Florida Power & Light Company		9,050	2.703	244,650.00	2.976	269,323.00	24,673.00
Morgan Stanley Capital Group Inc.	EEI	300	2.600	7,800.00	5.007	15,020.46	7,220.46
Southern Company Services, Inc.	EEI	1,000	3.300	33,000.00	3.497	34,970.00	1,970.00
ADJUSTMENTS							
Florida Power & Light				32,048.45			(32,048.45)
Tampa Electric Company				(4,901.40)			4,901.40
Southern Company Services	Transmission Purchase			1,466.24			(1,466.24)
PJM Settlements				9.73			(9.73)
SubTotal - Energy Purchases (Non-Broker)		13,029	3.129	407,645.22	3.298	429,709.06	22,063.84
CURRENT MONTH TOTAL		13,029	3.129	407,645.22	3.298	429,709.06	22,063.84
DIFFERENCE		9,367	(1.096)	252,899.22	(1.633)	249,108.06	(3,791.16)
DIFFERENCE %		256	(25.947)	163.43	(33.116)	137.93	(14.66)
CUMULATIVE ACTUAL		82,637	3.021	2,496,757.56	3.865	3,193,929.55	697,172.59
CUMULATIVE ESTIMATED		32,289	2.995	967,113.00	3.606	1,164,446.00	197,333.00
DIFFERENCE		50,348	0.026	1,529,644.56	0.259	2,029,483.55	499,839.59
DIFFERENCE %		156	0.874	158.17	7.173	174.29	253.30

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								29,435,847
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								29,616,774
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								10,738,700
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								25,562,775
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								40,433,584
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	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								16,937,072
8 Retail Wheeling				(10,726)	(9,947)	0	(17,012)	(2,126)								(39,811)
9 CR-3 Projected Expense				0	0	0	0	0								0
10 ISFSI Return				573,320	573,320	573,320	573,320	573,320								2,866,599
11 Vandolah Capacity Purchase			June 2012 - May 2027	2,939,299	2,876,217	1,958,481	1,943,807	2,807,348								12,525,152
12 Schedule H Capacity Sales - Tallahassee	1	-1	on-going no term date	0	0	(32,469)	0	0								(32,469)
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								8,634,600
14 RidgeGen Agreement Termination				708,094	704,621	701,149	697,676	694,203								3,505,743
15 Hamilton SoBRA True-Up				0	0	0	0	0								0
16 State Corporate Income Tax Change				0	0	(3,491,633)	(232,776)	(232,776)								(3,957,185)
TOTAL				37,350,944	38,831,881	31,654,613	33,741,670	34,648,275	0	0	0	0	0	0	0	176,227,382