



Matthew R. Bernier  
ASSOCIATE GENERAL COUNSEL

May 20, 2020

**VIA ELECTRONIC FILING**

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

Re: Docket No. 20200001-EI

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket on behalf of Duke Energy Florida, LLC (DEF), are Schedules A1 through A9 and A12 for the reporting month of April 2020.

Also attached are revisions to DEF's December 2019, January 2020, and February 2020 Schedules.

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

Duke Energy Florida, LLC's  
Schedules A1-A9 & A12  
for the Reporting Month of April, 2020

DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

APRIL 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)	70,415,016	75,573,453	(5,158,437)	(6.8)	2,912,329	2,934,052	(21,723)	(0.7)	2.4178	2.5757	(0.1579)	(6.1)
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,147,328	1,142,748	4,580	0.4	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	71,562,344	76,716,201	(5,153,857)	(6.7)	2,912,329	2,934,052	(21,723)	(0.7)	2.4572	2.6147	(0.1575)	(6.0)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	1,917,858	2,030,868	(113,010)	(5.6)	93,386	73,944	19,442	26.3	2.0537	2.7465	(0.6928)	(25.2)
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)	485,384	140,019	345,365	246.7	16,089	4,161	11,928	286.7	3.0169	3.3650	(0.3481)	(10.3)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	5,410,902	9,044,856	(3,633,954)	(40.2)	169,832	229,922	(60,090)	(26.1)	3.1860	3.9339	(0.7479)	(19.0)
9 TOTAL COST OF PURCHASED POWER	7,814,144	11,215,743	(3,401,599)	(30.3)	279,307	308,028	(28,720)	(9.3)	2.7977	3.6411	(0.8434)	(23.2)
10 TOTAL AVAILABLE MWH					3,191,636	3,242,079	(50,443)	(2)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(85,510)	(272,253)	186,743	(68.6)	(5,730)	(10,009)	4,279	(42.8)	1.4923	2.7202	(1.2279)	(45.1)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(42,464)	(71,407)	28,943	(40.5)	(5,730)	(10,009)	4,279	(42.8)	0.7411	0.7135	0.0276	3.9
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(2,484,344)	(1,993,228)	(491,116)	24.6	(130,657)	(110,262)	(20,395)	18.5	1.9014	1.8077	0.0937	5.2
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,612,318)	(2,336,888)	(275,430)	11.8	(136,387)	(120,270)	(16,117)	13.4	1.9154	1.9430	(0.0276)	(1.4)
14 NET INADVERTENT AND WHEELED INTERCHANGE					16,478	0	16,478					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	76,764,171	85,595,056	(8,830,886)	(10.3)	3,071,727	3,121,809	(50,082)	(1.6)	2.4991	2.7418	(0.2427)	(8.9)
16 NET UNBILLED	(5,616,303)	5,601,774	(11,218,077)	(200.3)	224,737	(204,307)	429,044	(210.0)	(0.1720)	0.2062	(0.3782)	(183.4)
17 COMPANY USE	301,850	387,658	(85,808)	(22.1)	(12,079)	(14,139)	2,060	(14.6)	0.0092	0.0143	(0.0051)	(35.7)
18 T & D LOSSES	497,587	5,131,668	(4,634,081)	(90.3)	(19,911)	(187,161)	167,250	(89.4)	0.0152	0.1889	(0.1737)	(92.0)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	76,764,171	85,595,056	(8,830,886)	(10.3)	3,264,474	2,716,202	548,272	20.2	2.3515	3.1513	(0.7998)	(25.4)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(598,761)	(385,178)	(213,583)	55.5	(25,344)	(12,284)	(13,060)	106.3	2.3626	3.1356	(0.7730)	(24.7)
21 JURISDICTIONAL KWH SALES	76,165,410	85,209,878	(9,044,468)	(10.6)	3,239,131	2,703,918	535,213	19.8	2.3514	3.1513	(0.7999)	(25.4)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	76,189,021	85,236,294	(9,047,272)	(10.6)	3,239,131	2,703,918	535,213	19.8	2.3521	3.1523	(0.8002)	(25.4)
23 PRIOR PERIOD TRUE-UP	1,205,224	1,205,224	(0)	0.0	3,239,131	2,703,918	535,213	19.8	0.0372	0.0446	(0.0074)	(16.6)
24 TOTAL JURISDICTIONAL FUEL COST	77,394,245	86,441,518	(9,047,273)	(10.5)	3,239,131	2,703,918	535,213	19.8	2.3893	3.1969	(0.8076)	(25.3)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.3910	3.1992	(0.8082)	(25.3)
27 GPIF	215,975	215,975			3,239,131	2,703,918			0.0067	0.0080	(0.0013)	(16.3)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.398	3.207	(0.810)	(25.2)

\*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 - APRIL 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)	284,418,169	290,681,999	(6,263,830)	(2.2)	11,326,627	11,091,551	235,076	2.1	2.5111	2.6208	(0.1097)	(4.2)
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	(8,591,694)	(8,602,873)	11,179	(0.1)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	275,826,474	282,079,125	(6,252,651)	(2.2)	11,326,627	11,091,551	235,076	2.1	2.4352	2.5432	(0.1080)	(4.3)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	13,005,655	8,448,159	4,557,496	54.0	351,314	258,431	92,883	35.9	3.7020	3.2690	0.4330	13.3
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)	2,089,112	812,367	1,276,745	157.2	69,608	28,627	40,981	143.2	3.0013	2.8378	0.1635	5.8
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	25,374,904	31,989,679	(6,614,775)	(20.7)	771,783	873,257	(101,474)	(11.6)	3.2878	3.6633	(0.3755)	(10.3)
9 TOTAL COST OF PURCHASED POWER	40,469,671	41,250,205	(780,534)	(1.9)	1,192,705	1,160,315	32,390	2.8	3.3931	3.5551	(0.1620)	(4.6)
10 TOTAL AVAILABLE MWH					12,519,332	12,251,866	267,466	2.2				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(279,410)	(536,995)	257,586	(48.0)	(18,586)	(23,975)	5,389	(22.5)	1.5033	2.2398	(0.7365)	(32.9)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(103,105)	(143,916)	40,811	(28.4)	(18,586)	(23,975)	5,389	(22.5)	0.5547	0.6003	(0.0456)	(7.6)
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	(5,807,644)	(5,574,415)	(233,230)	4.2	(373,091)	(307,904)	(65,187)	21.2	1.5566	1.8104	(0.2538)	(14.0)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(6,190,159)	(6,255,326)	65,167	(1.0)	(391,677)	(331,879)	(59,798)	18.0	1.5804	1.8848	(0.3044)	(16.2)
14 NET INADVERTENT AND WHEELED INTERCHANGE					66,820	33,592	33,228					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	310,105,986	317,074,005	(6,968,018)	(2.2)	12,194,475	11,953,578	240,897	2.0	2.5430	2.6525	(0.1095)	(4.1)
16 NET UNBILLED	(1,116,735)	8,179,297	(9,296,032)	(113.7)	41,945	(300,987)	342,933	(113.9)	(0.0098)	0.0768	(0.0866)	(112.8)
17 COMPANY USE	1,151,899	1,342,016	(190,117)	(14.2)	(45,289)	(50,194)	4,905	(9.8)	0.0101	0.0126	(0.0025)	(19.8)
18 T & D LOSSES	19,019,261	25,092,412	(6,073,151)	(24.2)	(748,175)	(956,793)	208,617	(21.8)	0.1662	0.2357	(0.0695)	(29.5)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	310,105,986	317,074,005	(6,968,018)	(2.2)	11,442,956	10,645,604	797,352	7.5	2.7100	2.9785	(0.2685)	(9.0)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(2,308,334)	(1,665,587)	(642,747)	38.6	(84,537)	(56,365)	(28,172)	50.0	2.7305	2.9550	(0.2245)	(7.6)
21 JURISDICTIONAL KWH SALES	307,797,653	315,408,417	(7,610,765)	(2.4)	11,358,418	10,589,239	769,180	7.3	2.7099	2.9786	(0.2687)	(9.0)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	307,895,192	315,508,316	(7,613,124)	(2.4)	11,358,418	10,589,239	769,180	7.3	2.7107	2.9795	(0.2688)	(9.0)
23 PRIOR PERIOD TRUE-UP	4,820,895	4,820,896	(1)	0.0	11,358,418	10,589,239	769,180	7.3	0.0424	0.0455	(0.0031)	(6.8)
24 TOTAL JURISDICTIONAL FUEL COST	312,716,087	320,329,212	(7,613,125)	(2.4)	11,358,418	10,589,239	769,180	7.3	2.7531	3.0250	(0.2719)	(9.0)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.7551	3.0272	(0.2721)	(9.0)
27 GPIF	863,899	863,900			11,358,418	10,589,239			0.0076	0.0082	(0.0006)	107.9
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.763	3.035	(0.273)	(9.0)

\*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  
APRIL 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	\$70,415,016	75,573,453	(\$5,158,437)	(6.8)	\$284,418,169	\$290,681,999	(\$6,263,830)	(2.2)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(85,510)	(272,253)	186,743	(68.6)	(279,410)	(536,995)	257,586	(48.0)
2a. GAIN ON POWER SALES	(42,464)	(71,407)	28,943	(40.5)	(103,105)	(143,916)	40,811	(28.4)
3 . FUEL COST OF PURCHASED POWER	1,917,858	2,030,868	(113,010)	(5.6)	13,005,655	8,448,159	4,557,496	54.0
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	5,410,902	9,044,856	(3,633,954)	(40.2)	25,374,904	31,989,679	(6,614,775)	(20.7)
4 . ENERGY COST OF ECONOMY PURCHASES	485,384	140,019	345,365	246.7	2,089,112	812,367	1,276,745	157.2
5 . TOTAL FUEL & NET POWER TRANSACTIONS	78,101,186	86,445,536	(8,344,350)	(9.7)	324,505,325	331,251,293	(6,745,968)	(2.0)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(2,484,344)	(1,993,228)	(491,116)	24.6	(5,807,644)	(5,574,415)	(233,230)	4.2
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,147,328	1,142,748	4,580	0.4	(8,591,694)	(8,602,873)	11,179	(0.1)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$76,764,171	\$85,595,056	(\$8,830,886)	(10.3)	\$310,105,986	\$317,074,005	(\$6,968,018)	(2.2)

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)	780	0	780	2,940	0	2,940	
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	1,146,548	0	1,146,548	4,605,206	0	4,605,206	
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	
<b>SUBTOTAL LINE 6b SHOWN ABOVE</b>	<b>\$1,147,328</b>	<b>\$0</b>	<b>\$1,147,328</b>	<b>(\$8,591,694)</b>	<b>\$0</b>	<b>(\$8,591,694)</b>	

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

B. KWH SALES

1 . JURISDICTIONAL SALES	3,239,130,174	2,703,918,131	535,212,043	19.8	11,358,416,917	10,589,238,745	769,178,172	7.3
2 . NON JURISDICTIONAL (WHOLESALE) SALES	25,343,728	12,284,000	13,059,728	106.3	84,537,451	56,365,428	28,172,023	50.0
3 . TOTAL SALES	3,264,473,902	2,716,202,131	548,271,771	20.2	11,442,954,368	10,645,604,173	797,350,195	7.5
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.22	99.55	(0.33)	(0.3)	99.26	99.47	(0.21)	(0.2)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>C. TRUE UP CALCULATION</b>								
1. JURISDICTIONAL FUEL REVENUE	\$103,746,698	\$90,380,987	\$13,365,711	14.8	\$368,259,578	\$349,394,337	\$18,865,242	5.4
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(1,205,224)	(1,205,224)	0	0.0	(4,820,895)	(4,820,896)	1	0.0
2b. INCENTIVE PROVISION	(215,975)	(215,975)	0	0.0	(863,899)	(863,900)	1	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	102,325,499	88,959,788	13,365,711	15.0	362,574,784	343,709,541	18,865,244	5.5
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	76,764,171	85,595,056	(8,830,886)	(10.3)	310,105,986	317,074,005	(6,968,018)	(2.2)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.22	99.55	(0.33)	(0.3)	99.26	99.47	(0.21)	(0.2)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	76,189,021	85,236,294	(9,047,272)	(10.6)	307,895,192	315,508,316	(7,613,124)	(2.4)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	26,136,478	3,723,495	22,412,983	601.9	54,679,593	28,201,225	26,478,368	93.9
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	9,273	(7,287)	16,560	(227.3)	(61,345)	(78,850)	17,504	(22.2)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(3,909,747)	(7,976,074)	4,066,327	(51.0)	(35,997,914)	(35,997,914)	(0)	0.0
10. TRUE UP COLLECTED (REFUNDED)	1,205,224	1,205,224	(0)	0.0	4,820,895	4,820,896	(1)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	23,441,228	(3,054,643)	26,495,871	(867.4)	23,441,228	(3,054,643)	26,495,871	(867.4)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$23,441,228	(3,054,643)	26,495,871	(867.4)	\$23,441,228	(3,054,643)	26,495,871	(867.4)
<b>D. INTEREST PROVISION</b>								
1. BEGINNING TRUE UP (LINE C9)	(\$3,909,747)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	23,431,955	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	19,522,208	N/A	--	--			<b>NOT</b>	
4. AVERAGE TRUE UP (50% OF LINE D3)	9,761,104	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	2.210	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.060	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	2.270	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.135	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.095	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$9,273	N/A	--	--				

## A-3 Generating System Comparative Data Report

Report Period : 4/1/2020 to 4/1/2020

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	533,872	187,685	346,187	184.5 %
3 - COAL	5,697,251	3,129,008	2,568,243	82.1 %
4 - GAS	64,183,893	72,256,760	(8,072,867)	(11.2 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	70,415,016	75,573,453	(5,158,437)	(6.8 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	1,343	110	1,233	1121.1 %
11 - COAL	147,016	19,776	127,240	643.4 %
12 - GAS	2,702,083	2,824,230	(122,147)	(4.3 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	61,887	89,935	(28,048)	(31.2 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,912,329	2,934,051	(21,722)	(0.7 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	4,760	1,148	3,612	314.6 %
19 - COAL (TON)	61,653	9,106	52,547	577.1 %
20 - GAS (MCF)	20,472,403	20,107,134	365,269	1.8 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	27,431	6,682	20,749	310.5 %
26 - COAL	1,510,745	211,662	1,299,083	613.8 %
27 - GAS	21,041,082	20,107,134	933,948	4.6 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	22,579,258	20,325,478	2,253,780	11.1 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.0	0.00	0.0	1130.2 %
34 - COAL	5.0	0.67	4.4	649.0 %
35 - GAS	92.8	96.26	(3.5)	(3.6 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.1	3.07	(0.9)	(30.7 %)
38	0	0	0	0



### A-3 Generating System Comparative Data Report

Report Period : 4/1/2020 to 4/1/2020

Duke Energy Florida, LLC

39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	112.16	163.49	(51.33)	(31.4 %)
42 - COAL (\$/TON)	92.41	343.62	(251.21)	(73.1 %)
43 - GAS (\$/MCF)	3.14	3.59	(0.46)	(12.8 %)
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 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	19.46	28.09	(8.63)	(30.7 %)
49 - COAL	3.77	14.78	(11.01)	(74.5 %)
50 - GAS	3.05	3.59	(0.54)	(15.1 %)
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)	3.12	3.72	(0.60)	(16.1 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	20,422	60,745	(40,324)	(66.4 %)
57 - COAL	10,276	10,703	(427)	(4.0 %)
58 - GAS	7,787	7,120	667	9.4 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,753	6,927	826	11.9 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	39.75	170.62	(130.88)	(76.7 %)
65 - COAL	3.88	15.82	(11.95)	(75.5 %)
66 - GAS	2.38	2.56	(0.18)	(7.2 %)
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)	2.42	2.58	(0.16)	(6.1 %)

## A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 4/1/2020

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	1,827,665	1,040,591	787,074	75.6 %
3 - COAL	7,254,697	5,933,822	1,320,875	22.3 %
4 - GAS	275,335,807	283,707,586	(8,371,779)	(3.0 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	284,418,169	290,681,999	(6,263,830)	(2.2 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	4,730	2,964	1,766	59.6 %
11 - COAL	182,118	29,902	152,216	509.0 %
12 - GAS	10,964,248	10,858,412	105,836	1.0 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	175,532	200,274	(24,742)	(12.4 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	11,326,627	11,091,552	235,075	2.1 %
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	16,593	8,253	8,340	101.1 %
19 - COAL (TON)	79,146	13,510	65,636	485.8 %
20 - GAS (MCF)	81,195,044	77,989,500	3,205,544	4.1 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	95,552	47,722	47,830	100.2 %
26 - COAL	1,889,329	313,908	1,575,421	501.9 %
27 - GAS	83,324,698	78,958,827	4,365,871	5.5 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	85,309,578	79,320,457	5,989,121	7.6 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.0	0.03	0.0	56.3 %
34 - COAL	1.6	0.27	1.3	496.4 %
35 - GAS	96.8	97.90	(1.1)	(1.1 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.5	1.81	(0.3)	(14.2 %)
38	0	0	0	0

### A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 4/1/2020

Duke Energy Florida, LLC

39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	110.13	126.09	(15.96)	(12.7 %)
42 - COAL (\$/TON)	91.66	439.22	(347.55)	(79.1 %)
43 - GAS (\$/MCF)	3.39	3.64	(0.25)	(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 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	19.13	21.81	(2.68)	(12.3 %)
49 - COAL	3.84	18.90	(15.06)	(79.7 %)
50 - GAS	3.30	3.59	(0.29)	(8.0 %)
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)	3.33	3.66	(0.33)	(9.0 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	20,203	16,101	4,103	25.5 %
57 - COAL	10,374	10,498	(124)	(1.2 %)
58 - GAS	7,600	7,272	328	4.5 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,532	7,151	380	5.3 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	38.64	35.11	3.54	10.1 %
65 - COAL	3.98	19.84	(15.86)	(79.9 %)
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)	2.51	2.62	(0.11)	(4.2 %)

# A-4 System Net Generation and Fuel Cost Report

Report Period : 4/1/2020 to 4/1/2020

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 (\$)
<b>Solar</b>													
<b>Columbia Solar   1</b>													
TOTAL CSF 1	75	16,775.00	31			0				0	0	0.000	
<b>Debary Solar 1</b>													
TOTAL DSF 1		0.00				0				0	0	0.000	
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	16,885.00	31			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	9,173.00	28			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	591.00	21			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	852.00	24			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	1,691.00	26			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	75	15,912.00	29			0				0	0	0.000	
St. Pete Pier	0.35	8.16	3			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>288</b>	<b>61,887.16</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		103,919.00					Gas	1,172,851	1.026	1,203,345	3,850,636	3.705	3.283
TOTAL UNIT 1	521	103,919.00	28			11,580				1,203,345	3,850,636	3.705	
		99,810.00					Gas	1,137,557	1.026	1,167,133	3,734,761	3.742	3.283
TOTAL UNIT 2	514	99,810.00	27			11,694				1,167,133	3,734,761	3.742	
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4		0.00				0				0	0	0.000	
		147,016.00					Coal	61,653	24.504	1,510,745	5,697,251	3.875	92.408
		0.00					No 2	1,295	5.747	7,442	150,216	0.000	115.997
TOTAL UNIT 5	721	147,016.00	28			10,327				1,518,187	5,847,467	3.977	
<b>TOTAL Steam</b>	<b>1,756</b>	<b>350,745.00</b>				<b>11,087</b>				<b>3,888,666</b>	<b>13,432,864</b>	<b>4.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
TOTAL BCC	1,308	443,687.00	47			7,513	Gas	3,239,442	1.029	3,333,386	9,289,712	2.094	2.868
		443,687.00								3,333,386	9,289,712	2.094	
<b>Bartow Peaker</b>													
		218.57					No 2	546	5.712	3,119	56,831	26.001	104.085
		604.43					Gas	8,414	1.025	8,624	27,607	4.567	3.281
TOTAL BAP	110	823.00	1			14,269				11,743	84,437	10.260	
<b>Bayboro Peaker</b>													
TOTAL BYP	238	151.60	0			25,659	No 2	681	5.712	3,890	95,150	62.764	139.721
		152.00								3,890	95,150	62.764	
<b>Citrus County</b>													
TOTAL CCCC	1,884	1,012,685.00	75			6,831	Gas	6,723,035	1.029	6,918,003	23,385,424	2.309	3.478
		1,012,685.00								6,918,003	23,385,424	2.309	
<b>Debary Peaker</b>													

# A-4 System Net Generation and Fuel Cost Report

Report Period : 4/1/2020 to 4/1/2020

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 (\$)
		55.56					No 2	134	5.768	773	15,300	27.537	114.178
		6,960.44					Gas	94,187	1.028	96,824	311,349	4.473	3.306
TOTAL DEP	288	7,016.00	3			13,911				97,597	326,649	4.656	
<b>Hines Energy</b>													
		750,558.00					Gas	5,737,071	1.026	5,886,235	16,790,365	2.237	2.927
TOTAL HEP	2,184	750,558.00	48			7,842				5,886,235	16,790,365	2.237	
<b>Intercession City Peaker</b>													
		893.32					No 2	2,046	5.802	11,870	211,042	23.624	103.148
		18,160.68					Gas	234,512	1.029	241,313	673,152	3.707	2.870
TOTAL ICP	1,108	19,054.00	2			13,288				253,183	884,193	4.640	
<b>Osprey</b>													
		93,205.00					Gas	769,276	1.028	790,816	2,203,382	2.364	2.864
TOTAL OSP	600	93,205.00	22			8,485				790,816	2,203,382	2.364	
<b>Suwannee Peaker</b>													
		23.71					No 2	58	5.817	337	5,334	22.499	91.968
		3,609.29					Gas	50,013	1.027	51,363	164,580	4.560	3.291
TOTAL SRP	203	3,633.00	2			14,231				51,701	169,914	4.677	
<b>Tiger Bay Cogen</b>													
		138,062.00					Gas	1,009,237	1.030	1,039,514	2,896,667	2.098	2.870
TOTAL TBP	231	138,062.00	83			7,529				1,039,514	2,896,667	2.098	
<b>Univ of Florida Cogen</b>													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		30,821.80					Gas	296,808	1.026	304,525	856,258	2.778	2.885
TOTAL UFP	43	30,822.00	99			9,880				304,525	856,258	2.778	
<b>TOTAL Gas Turbine</b>	<b>8,197</b>	<b>2,499,696.00</b>				<b>7,477</b>				<b>18,690,592</b>	<b>56,982,152</b>	<b>2.280</b>	
<b>SYSTEM</b>	<b>10,240</b>	<b>2,912,328.56</b>				<b>7,753</b>				<b>22,579,258</b>	<b>70,415,016</b>	<b>2.418</b>	

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 4/1/2020

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 (\$)
<b>Solar</b>													
<b>Columbia Solar   1</b>													
TOTAL CSF 1	75	23,725.00	11			0				0	0	0.000	
<b>Debary Solar 1</b>													
TOTAL DSF 1		0.00				0				0	0	0.000	
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	56,392.00	26			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	31,131.00	24			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	2,300.00	20			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	2,915.00	20			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	5,994.00	23			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	75	53,067.00	24			0				0	0	0.000	
St. Pete Pier	0.35	8.16	3			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>288</b>	<b>175,532.16</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		408,301.00					Gas	4,554,964	1.026	4,675,576	17,255,370	4.226	3.788
TOTAL UNIT 1	521	408,301.00	27			11,451				4,675,576	17,255,370	4.226	
		239,337.00					Gas	2,667,479	1.027	2,738,245	9,331,136	3.899	3.498
TOTAL UNIT 2	514	239,337.00	16			11,441				2,738,245	9,331,136	3.899	
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4		0.00				0				0	0	0.000	
		182,118.00					Coal	79,146	23.871	1,889,329	7,254,697	3.984	91.662
		0.00					No 2	5,347	5.738	30,683	583,898	0.000	109.201
TOTAL UNIT 5	721	182,118.00	9			10,543				1,920,011	7,838,595	4.304	
<b>TOTAL Steam</b>	<b>1,756</b>	<b>829,756.00</b>				<b>11,249</b>				<b>9,333,832</b>	<b>34,425,102</b>	<b>4.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
TOTAL BCC	1,308	2,154,199.00	57			7,611	Gas	16,011,738	1.024	16,396,119	49,272,287	2.287	3.077
		2,154,199.00								16,396,119	49,272,287	2.287	
<b>Bartow Peaker</b>													
		385.86					No 2	1,030	5.712	5,883	107,214	27.786	104.092
		1,506.14					Gas	22,388	1.026	22,965	80,936	5.374	3.615
TOTAL BAP	110	1,892.00	1			15,248				28,848	188,150	9.945	
<b>Bayboro Peaker</b>													
TOTAL BYP	238	789.00	0			14,863	No 2	2,054	5.712	11,732	286,838	36.339	139.649
		789.35								11,732	286,838	36.339	
<b>Citrus County</b>													
TOTAL CCCC	1,884	4,034,692.00	74			6,795	Gas	26,639,722	1.029	27,417,618	100,261,577	2.485	3.764
		4,034,692.00								27,417,618	100,261,577	2.485	
<b>Debary Peaker</b>													

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 4/1/2020

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 (\$)
		1,344.81					No 2	3,218	5.768	18,561	367,653	27.339	114.249
		45,042.19					Gas	604,033	1.029	621,660	2,214,247	4.916	3.666
TOTAL DEP	642	46,387.00	2			13,802				640,220	2,581,900	5.566	
<b>Hines Energy</b>													
		166.40					No 2	212	5.817	1,233	17,376	10.442	81.964
		3,402,844.60					Gas	24,622,652	1.024	25,218,184	78,221,578	2.299	3.177
TOTAL HEP	2,184	3,403,011.00	54			7,411				25,219,417	78,238,954	2.299	
<b>Intercession City Peaker</b>													
		1,883.17					No 2	4,342	5.802	25,191	428,817	22.771	98.760
		90,012.85					Gas	1,171,368	1.028	1,204,078	3,451,622	3.835	2.947
TOTAL ICP	1,108	91,896.00	3			13,377				1,229,269	3,880,439	4.223	
<b>Osprey</b>													
		179,792.00					Gas	1,408,063	1.025	1,443,126	4,356,956	2.423	3.094
TOTAL OSP	600	179,792.00	10			8,027				1,443,126	4,356,956	2.423	
<b>Suwannee Peaker</b>													
		159.66					No 2	390	5.817	2,269	35,867	22.465	91.968
		17,186.04					Gas	237,667	1.027	244,202	881,280	5.128	3.708
TOTAL SRP	203	17,346.00	3			14,209				246,470	917,147	5.287	
<b>Tiger Bay Cogen</b>													
		265,635.00					Gas	2,007,362	1.027	2,061,594	5,855,210	2.204	2.917
TOTAL TBP	231	265,635.00	40			7,761				2,061,594	5,855,210	2.204	
<b>Univ of Florida Cogen</b>													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		125,699.40					Gas	1,247,608	1.027	1,281,331	4,153,609	3.304	3.329
TOTAL UFP	46	125,699.00	94			10,194				1,281,331	4,153,609	3.304	
<b>TOTAL Gas Turbine</b>	<b>8,554</b>	<b>10,321,338.00</b>				<b>7,361</b>				<b>75,975,746</b>	<b>249,993,067</b>	<b>2.422</b>	
<b>SYSTEM</b>	<b>10,597</b>	<b>11,326,626.63</b>				<b>7,532</b>				<b>85,309,578</b>	<b>284,418,169</b>	<b>2.511</b>	

# A-5 System Generation Fuel Cost Report

Report Period : 4/1/2020 to 4/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	2,140	1,148	992	86.4%
20 - UNIT COST (\$/BBL)	150.64	163.49	(12.85)	(7.9%)
21 - AMOUNT (\$)	322,372	187,685	134,687	71.8%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	4,760	1,148	3,612	314.6%
24 - UNIT COST (\$/BBL)	112.16	163.49	(51.33)	(31.4%)
25 - AMOUNT (\$)	533,872	187,685	346,187	184.5%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	600,002	604,058	(4,056)	(0.7%)
31 - UNIT COST (\$/BBL)	108.14	108.36	(0.22)	(0.2%)
32 - AMOUNT (\$)	64,884,431	65,456,505	(572,074)	(0.9%)
33 -				



# A-5 System Generation Fuel Cost Report

Report Period : 4/1/2020 to 4/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>34 - DAYS SUPPLY</b>	3,782	15,785	(12,004)	(76.0%)
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	111,462	9,106	102,356	1124.1%
37 - UNIT COST (\$/TON)	106.98	343.62	(236.64)	(68.9%)
38 - AMOUNT (\$)	11,924,695	3,129,008	8,795,687	281.1%
<b>39 - BURNED</b>				
40 - UNITS (TON)	61,653	9,106	52,547	577.1%
41 - UNIT COST (\$/TON)	92.41	343.62	(251.21)	(73.1%)
42 - AMOUNT (\$)	5,697,251	3,129,008	2,568,243	82.1%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	531,069	432,247	98,822	22.9%
48 - UNIT COST (\$/TON)	92.41	343.62	(251.21)	(73.1%)
49 - AMOUNT (\$)	49,075,203	148,528,930	(99,453,727)	(67.0%)
50 -				
<b>51 - DAYS SUPPLY</b>	258	1,424	(1,166)	(81.9%)
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	20,472,403	20,107,134	365,269	1.8%
54 - UNIT COST (\$/MCF)	3.14	3.59	(0.46)	(12.8%)
55 - AMOUNT (\$)	64,183,893	72,256,760	(8,072,867)	(11.2%)
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
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 4/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	10,887	6,697	4,190	62.6%
20 - UNIT COST (\$/BBL)	50.34	49.74	0.61	1.2%
21 - AMOUNT (\$)	548,095	333,095	215,000	64.5%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	16,593	8,253	8,340	101.1%
24 - UNIT COST (\$/BBL)	110.13	126.09	(15.96)	(12.7%)
25 - AMOUNT (\$)	1,827,665	1,040,591	787,074	75.6%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	600,002	604,058	(4,056)	(0.7%)
31 - UNIT COST (\$/BBL)	108.14	108.36	(0.22)	(0.2%)
32 - AMOUNT (\$)	64,884,431	65,456,505	(572,074)	(0.9%)
33 -				

# A-5 System Generation Fuel Cost Report

Report Period : 1/1/2020 to 4/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>34 - DAYS SUPPLY</b>	0	0	0	0.0%
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	272,095	107,637	164,458	152.8%
37 - UNIT COST (\$/TON)	112.99	150.73	(37.73)	(25.0%)
38 - AMOUNT (\$)	30,745,150	16,223,606	14,521,544	89.5%
<b>39 - BURNED</b>				
40 - UNITS (TON)	79,146	13,510	65,636	485.8%
41 - UNIT COST (\$/TON)	91.66	439.22	(347.55)	(79.1%)
42 - AMOUNT (\$)	7,254,697	5,933,822	1,320,875	22.3%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	531,069	432,247	98,822	22.9%
48 - UNIT COST (\$/TON)	92.41	343.62	(251.21)	(73.1%)
49 - AMOUNT (\$)	49,075,203	148,528,930	(99,453,727)	(67.0%)
50 -				
<b>51 - DAYS SUPPLY</b>	0	0	0	0.0%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	81,195,044	77,989,500	3,205,544	4.1%
54 - UNIT COST (\$/MCF)	3.39	3.64	(0.25)	(6.8%)
55 - AMOUNT (\$)	275,335,807	283,707,586	(8,371,779)	(3.0%)
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
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  
April 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 \$
<b>ESTIMATED</b>		10,009		10,009	2.720	3.434	272,253	343,660	71,407.00
<b>ACTUAL</b>									
Florida Power & Light Company		2,725		2,725	1.478	2.305	40,285.40	62,813.89	22,528.49
Orlando Utilities Commission		1,300		1,300	1.726	2.106	22,443.00	27,382.00	4,939.00
Tampa Electric Company		720		720	1.619	2.940	11,658.10	21,165.80	9,507.70
The Energy Authority		985		985	1.129	1.681	11,123.50	16,560.00	5,436.50
<b>Adjustments</b>									
PJM Settlements								52.23	52.23
<b>Subtotal - Gain on Other Power Sales</b>		5,730		5,730	1.492	2.233	85,510.00	127,973.92	42,463.92
CURRENT MONTH TOTAL		5,730		5,730	1.492	2.233	85,510.00	127,973.92	42,463.92
DIFFERENCE		(4,279)		(4,279)	(1.228)	(1.200)	(186,743.00)	(215,686.08)	(28,943.08)
DIFFERENCE %		(43)		(43)	(45.137)	(34.953)	(68.59)	(62.76)	(40.53)
CUMULATIVE ACTUAL		18,586		18,586	1.503	2.058	279,409.56	382,514.93	103,105.37
CUMULATIVE ESTIMATED		23,975		23,975	2.240	2.840	536,995.00	680,911.00	143,916.00
DIFFERENCE		(5,389)		(5,389)	(0.74)	(0.78)	(257,585.44)	(298,396.07)	(40,810.63)
DIFFERENCE %		(22)		(22)	(32.88)	(27.54)	(47.97)	(43.82)	(28.36)

DUKE ENERGY FLORIDA, INC.  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
APRIL, 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		73,944			73,944	2.746	2.746	2,030,868	2,030,868
<b>ACTUAL</b>									
Shady Hills Power Company, L.L.C.	TOLL	22,577			22,577	4.620	4.620	1,043,161.32	1,043,161.32
Southern Power Company	Franklin	58,552			58,552	3.148	3.148	1,843,053.81	1,843,053.81
Vandolah Power Company L.L.C.	TOLL	5,689			5,689	6.513	6.513	370,502.32	370,502.32
<b>ADJUSTMENTS</b>									
Shady Hills Power Company, L.L.C.	TOLL	2,218			2,218		-	(950,915.42)	(950,915.42)
Southern Power Company	Franklin	4,350			4,350	(8.988)	(8.988)	(390,993.06)	(390,993.06)
Vandolah Power Company L.L.C.	TOLL	-			-	-	-	3,049.29	3,049.29
CURRENT MONTH TOTAL		93,386			93,386	2.054	2.054	1,917,858.26	1,917,858.26
DIFFERENCE		19,442			19,442	(0.692)	(0.692)	(113,009.74)	(113,009.74)
DIFFERENCE %		26			26	(25.212)	(25.212)	(5.56)	(5.56)
CUMULATIVE ACTUAL		351,314			351,314	3.702	3.702	13,005,654.99	13,005,654.99
CUMULATIVE ESTIMATED		258,431			258,431	3.269	3.269	8,448,159.00	8,448,159.00
DIFFERENCE		92,883			92,883	0.433	0.433	4,557,495.99	4,557,495.99
DIFFERENCE %		36			36	13.245	13.245	53.95	53.95

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES  
FOR THE MONTH OF:  
APRIL, 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		229,922	-	-	229,922	3.934	15.745	9,044,856.11
ACTUAL								
Citrus World (CITRUS)	CO-GEN	16			16	1.691	1.691	263.51
ADJ		(45)			(45)			(905.88)
Florida Power Development (FCRUSHAS)	CO-GEN	-			-	-	-	-
ADJ		-			-	-	-	-
Florida Power Development (FLACRUSH)	CO-GEN	-			-	-	-	-
ADJ		-			-	-	-	-
Lake County (LAKCOUNT)	CO-GEN	534			534	1.776	1.776	9,483.53
ADJ		-			-			(755.99)
Lee County (LEECOGAS)	CO-GEN	-			-	-	-	-
ADJ		-			-	-	-	-
Metro-Dade County (METRDADE)	CO-GEN	-			-	-	-	-
ADJ		-			-	-	-	-
Metro-Dade County (METRDDAS)	CO-GEN	1,129			1,129	1.712	1.712	19,330.32
ADJ		(2,090)			(2,090)			(42,489.08)
Orange Cogen (ORANGEAS)	CO-GEN	1,237			1,237	1.530	1.530	18,924.60
ADJ		-			-			(7,634.70)
Orange Cogen (ORANGEACO)	CO-GEN	35,585			35,585	3.965	20.547	1,410,841.27
ADJ		47			47			13,718.98
Orlando Cogen Limited (ORLACOGL)	CO-GEN	44,233			44,233	5.299	18.654	2,344,046.35
ADJ		-			-			(16,276.05)
Orlando Cogen Limited (ORLCOGAS)	CO-GEN	-			-	-	-	-
ADJ		-			-	-	-	-
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	17,087			17,087	1.746	14.207	298,279.86
ADJ		-			-			(18,430.47)
PCS Phosphate (OCSWFCRK)	CO-GEN	57			57	1.609	1.609	913.97
ADJ		(70)			(70)			(1,569.91)
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	35,066			35,066	1.753	16.182	614,665.95
ADJ		-			-			(52,922.67)
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	37,047			37,047	2.196	24.045	813,666.79
ADJ		-			-			7,751.54
Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	-			-	-	-	-
ADJ		-			-	-	-	-
CURRENT MONTH TOTAL		169,832			169,832	3.186	19.177	5,410,901.92
DIFFERENCE		(60,090)			(60,090)	(0.748)	3.431	(3,633,954.19)
DIFFERENCE %		(26.13)			(26.13)	(19.010)	21.79	(40.18)
CUMULATIVE ACTUAL		771,782			771,782	3.288	17.362	25,374,903.94
CUMULATIVE ESTIMATED		873,257			873,257	3.663	16.103	31,989,678.77
CUMULATIVE DIFFERENCE		(101,475)			(101,475)	(0.375)	1.259	(6,614,774.83)
CUMULATIVE DIFFERENCE %		(11.62)			(11.62)	(10.25)	7.82	(20.68)

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A9

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
ESTIMATED		4,161	3.365	140,019	3.927	163,417	23,398
<b>ACTUAL:</b>							
SubTotal - Energy Purchases (Broker)		-		\$0.00		\$0.00	\$0.00
SEPA		-		\$0.00		\$0.00	\$0.00
EDF Trading North America, LLC		468	3.300	\$15,444.00	6.765	31,661.82	\$16,217.82
Exelon Generation Company, LLC	InternationalSwapsDe	2,271	3.320	\$75,402.00	7.250	\$164,651.42	\$89,249.42
Florida Power & Light Company	Transmission Purchase	-	0.000	\$34,561.00	0.000	\$0.00	(\$34,561.00)
Florida Power & Light Company		4,200	2.439	102,450.00	2.900	121,813.50	19,363.50
Macquarie Energy LLC		600	2.75	16,500.00	2.931	17,584.14	1,084.14
Morgan Stanley Capital Group Inc.	EEI	1,500	2.76	41,400.00	7.439	111,585.68	70,185.68
Southern Company Services, Inc.	EEI	7,000	2.857	199,955.00	4.486	313,987.00	114,032.00
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0	(1,466.22)	0	-	1,466.22
Tampa Electric Company	EEI2	50	0.5	250.00	1.251	625.50	375.50
<b>ADJUSTMENTS</b>							
PJM Settlements				(549.69)			549.69
Jacksonville Electric Authority				929.04			(929.04)
Southern Company Services				509.00			(509.00)
SubTotal - Energy Purchases (Non-Broker)		16,089	3.017	485,384.13	4.736	761,909.06	276,524.93
CURRENT MONTH TOTAL		16,089	3.017	485,384.13	4.736	761,909.06	276,524.93
DIFFERENCE		11,928	(0.348)	345,365.13	0.809	598,492.06	253,126.93
DIFFERENCE %		287	-10.346	246.66	20.591	366.24	1,081.83
CUMULATIVE ACTUAL		69,608	3.001	2,089,112.34	3.971	2,764,220.49	675,108.75
CUMULATIVE ESTIMATED		28,627	2.838	812,367.00	3.437	983,845.00	171,478.00
DIFFERENCE		40,981	0.163	1,276,745.34	0.534	1,780,375.49	503,630.75
DIFFERENCE %		143	5.761	157.16	15.55	180.96	293.70

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									23,548,677
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									23,693,420
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									8,590,960
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									20,450,220
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									32,346,867
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	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									15,198,982
8 Retail Wheeling				(10,726)	(9,947)	0	(17,012)									(37,684)
9 CR-3 Projected Expense				0	0	0	0									0
10 ISFSI Return				573,320	573,320	573,320	573,320									2,293,279
11 Vandolah Capacity Purchase			June 2012 - May 2027	2,939,299	2,876,217	1,958,481	1,943,807									9,717,805
12 Schedule H Capacity Sales - Tallahassee	1	-1	on-going no term date	0	0	(32,469)	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									6,721,920
14 RidgeGen Agreement Termination				708,094	704,621	701,149	697,676									2,811,540
15 Hamilton SoBRA True-Up				0	0	0	0									0
16 State Corporate Income Tax Change				0	0	(3,491,633)	(232,776)									(3,724,409)
<b>TOTAL</b>				<b>37,350,944</b>	<b>38,831,881</b>	<b>31,654,613</b>	<b>33,741,670</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>141,579,107</b>



Duke Energy Florida, LLC's  
Revised Schedules A1-A9 & A12  
for the Reporting Month of December, 2019

REVISED  
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)	2,665,943	3,115,729	(449,785)	(14.4)	2.9836	2.9737	0.0099	0.3
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)	2,665,943	3,115,729	(449,785)	(14.4)	3.1395	3.0110	0.1285	4.3
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					2,963,789	3,404,924	(441,135)	(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)	(19,616)	(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)	(4,008,072)	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)	2,892,345	3,240,520	(348,175)	(10.7)	3.2621	3.1138	0.1483	4.8
16 NET UNBILLED	455,982	4,116,937	(3,660,955)	(88.9)	(13,978)	(132,215)	118,237	(89.4)	0.0164	0.1423	(0.1259)	(88.5)
17 COMPANY USE	447,554	648,184	(200,630)	(31.0)	(13,720)	(20,816)	7,097	(34.1)	0.0161	0.0224	(0.0063)	(28.1)
18 T & D LOSSES	2,968,805	6,059,654	(3,090,849)	(51.0)	(91,009)	(194,605)	103,596	(53.2)	0.1070	0.2095	(0.1025)	(48.9)
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

REVISED  
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	39,746,616	40,089,304	(342,689)	(0.9)	3.0968	3.0632	0.0336	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	39,746,616	40,089,304	(342,689)	(0.9)	3.1470	3.0990	0.0480	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					44,730,720	44,855,772	(125,052)	(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	42,128,352	42,368,225	(239,873)	(0.6)	3.2954	3.2371	0.0583	1.8
16 NET UNBILLED	(4,877,144)	(4,781,443)	(95,701)	2.0	84,047	161,728	(77,681)	(48.0)	(0.0124)	(0.0121)	(0.0003)	2.5
17 COMPANY USE	4,994,891	6,508,234	(1,513,343)	(23.3)	(148,493)	(199,795)	51,302	(25.7)	0.0127	0.0165	(0.0038)	(23.0)
18 T & D LOSSES	87,225,368	90,729,998	(3,504,630)	(3.9)	(2,638,561)	(2,773,127)	134,566	(4.9)	0.2212	0.2294	(0.0082)	(3.6)
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	\$0
N/A - Not used	0	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 Collateral 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
<b>C. TRUE UP CALCULATION</b>								
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
<b>D. INTEREST PROVISION</b>								
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	--	--			<b>NOT</b>	
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

REVISED

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>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	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 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	225	0	225	0.0 %
11 - COAL	0	0	0	0.0 %
12 - GAS	2,646,150	3,091,140	(444,990)	(14.4 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	19,568	24,589	(5,021)	(20.4 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,665,943	3,115,729	(449,786)	(14.4 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (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 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	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 (MILLION BTU)	19,456,575	21,672,586	(2,216,011)	(10.2 %)
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	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	99.3	99.21	0.0	0.0 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	0.73	0.79	(0.06)	(7.0 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	276.23	0.00	276.23	0.0 %

# A-3 Generating System Comparative Data Report

REVISED

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

Duke Energy Florida, LLC

<b>FUEL COST OF SYSTEM</b>	<b>ACTUAL</b>	<b>ESTIMATED</b>	<b>DIFFERENCE</b>	<b>DIFFERENCE (%)</b>
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 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	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 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	16,392	0	16,392	0.0 %
57 - COAL	0	0	0	0.0 %
58 - GAS	7,351	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)	7,298	6,956	342	4.9 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	79.10	0.00	79.10	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

REVISED

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>
<b>NET GENERATION (\$)</b>				
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 %
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	33,046	18,782	14,264	75.9 %
11 - COAL	4,321,614	3,610,045	711,569	19.7 %
12 - GAS	35,169,835	36,234,383	(1,064,548)	(2.9 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	222,124	226,096	(3,972)	(1.8 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	39,746,619	40,089,306	(342,687)	(0.9 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	121,310	51,716	69,594	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 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	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 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.05	0.0	77.5 %
34 - COAL	10.9	9.01	1.9	20.7 %
35 - GAS	88.5	90.38	(1.9)	(2.1 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	0.56	0.56	(0.0)	(0.9 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	117.27	123.87	(6.60)	(5.3 %)



# A-3 Generating System Comparative Data Report

REVISED

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>
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 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	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 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	21,143	15,857	5,285	33.3 %
57 - COAL	10,204	10,572	(368)	(3.5 %)
58 - GAS	7,629	7,412	217	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)	7,878	7,659	219	2.9 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	43.05	34.11	8.94	26.2 %
65 - COAL	3.74	4.11	(0.37)	(9.0 %)
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

REVISED

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 (\$)
<b>Solar</b>													
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	9,982.00	18			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	429.00	14			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	552.00	15			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	1,160.00	17			0				0	0	0.000	
<b>Lake Placid Solar Facility Unit 1</b>													
TOTAL UNIT 1	45	4,170.00	12			0				0	0	0.000	
<b>Trenton Solar Facility Unit 1</b>													
TOTAL UNIT 1	75	3,275.00	6			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>213</b>	<b>19,568.00</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		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	
<b>Crystal River 1 &amp; 2</b>													
TOTAL UNIT 1		0.00				0				0	0	0.000	
TOTAL UNIT 2		0.00				0				0	0	0.000	
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4		0.00				0				0	0	0.000	
TOTAL UNIT 5		0.00				0				0	0	0.000	
<b>TOTAL Steam</b>	<b>1,025</b>	<b>123,755.00</b>				<b>11,444</b>				<b>1,416,213</b>	<b>6,512,528</b>	<b>5.000</b>	
<b>Gas Turbine</b>													
<b>Avon Park Peaker</b>													
TOTAL APP	0	0.00	0			0	Gas	0	0.000	0	584	0.000	0.000
		0.00								0	584	0.000	
<b>Bartow Combined Cycle</b>													
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	
<b>Bartow Peaker</b>													
		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

REVISED

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 (\$)
<b>Bayboro Peaker</b>													
TOTAL BYP	60	0.00	0			0	No 2	0	0.000	0	0	0.000	0.000
<b>Citrus County</b>													
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
<b>Debary Peaker</b>													
TOTAL DEP	357	16.93	1			13,279	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								36,570	171,775	6.237	
<b>Higgins Peaker</b>													
TOTAL HGP	0	0.00	0			0	Gas	0	0.000	0	288	0.000	0.000
		0.00								0	288	0.000	
<b>Hines Energy</b>													
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	
<b>Intercession City Peaker</b>													
TOTAL ICP	631	1.32	1			13,164	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								58,424	221,602	4.993	
<b>Osprey</b>													
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	
<b>Suwannee Peaker</b>													
TOTAL SRP	203	20.90	1			15,586	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								16,179	78,670	7.578	
<b>Tiger Bay Cogen</b>													
TOTAL TBP	231	0.00	0			0	Gas	0	0.000	0	569	0.000	0.000
		0.00								0	569	0.000	
<b>Univ of Florida Cogen</b>													
TOTAL UFP	46	0.00	93			10,321	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								330,086	1,328,563	4.154	
<b>TOTAL Gas Turbine</b>	<b>7,399</b>	<b>2,522,620.00</b>				<b>7,151</b>				<b>18,040,362</b>	<b>73,027,450</b>	<b>2.895</b>	
<b>SYSTEM TOTAL</b>	<b>8,637</b>	<b>2,665,943.40</b>				<b>7,319</b>				<b>19,456,575</b>	<b>79,539,979</b>	<b>2.984</b>	

# A-4 System Net Generation and Fuel Cost Report

REVISED

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 (\$)
<b>Solar</b>													
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	180,635.00	27			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	6,592.00	19			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	8,704.00	20			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	18,748.00	24			0				0	0	0.000	
Lake Placid Solar Facility Unit 1	45	4,170.00	12			0				0	0	0.000	
Trenton Solar Facility Unit 1	75	3,275.00	6			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>213</b>	<b>222,124.00</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		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	
<b>Crystal River 1 &amp; 2</b>													
TOTAL UNIT 1		0.00				0				0	0	0.000	
TOTAL UNIT 2		0.00				0				0	0	0.000	
<b>Crystal River 4 &amp; 5</b>													
		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	
<b>TOTAL Steam</b>	<b>2,467</b>	<b>6,600,112.00</b>				<b>10,603</b>				<b>69,977,734</b>	<b>269,402,465</b>	<b>4.000</b>	
<b>Gas Turbine</b>													
<b>Avon Park Peaker</b>													
		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	
<b>Bartow Combined Cycle</b>													
		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	
<b>Bartow Peaker</b>													
		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

REVISED

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 (\$)
<b>Bayboro Peaker</b>													
TOTAL BYP	238	3,291.70 3,292.00	0			14,474	No 2	8,341	5.712	47,644	1,165,627	35.411	139.747
<b>Citrus County</b>													
TOTAL CCCC	1,862	10,722,525.00 10,722,525.00	66			6,831	Gas	71,562,683	1.024	73,246,501	343,735,476	3.206	4.803
<b>Debary Peaker</b>													
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
<b>Higgins Peaker</b>													
TOTAL HGP	119	15,999.20 15,999.00	2			16,497	Gas	257,482	1.025	263,946	1,002,033	6.263	3.892
<b>Hines Energy</b>													
TOTAL HEP	2,188	12,522,643.00 12,522,643.00	65			7,212	Gas	88,470,873	1.021	90,319,082	326,543,210	2.608	3.691
<b>Intercession City Peaker</b>													
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
<b>Osprey</b>													
TOTAL OSP	600	2,214,152.00 2,214,152.00	42			7,286	Gas	15,782,743	1.022	16,131,410	56,153,411	2.536	3.558
<b>Suwannee Peaker</b>													
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
<b>Tiger Bay Cogen</b>													
TOTAL TBP	231	716,152.00 716,152.00	35			7,747	Gas	5,430,455	1.022	5,547,897	18,669,789	2.607	3.438
<b>Univ of Florida Cogen</b>													
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
<b>TOTAL Gas Turbine</b>	<b>8,881</b>	<b>32,924,383.00</b>				<b>7,385</b>				<b>243,145,388</b>	<b>961,480,199</b>	<b>2.920</b>	
<b>SYSTEM TOTAL</b>	<b>11,561</b>	<b>39,746,618.63</b>				<b>7,879</b>				<b>313,123,122</b>	<b>1,230,882,664</b>	<b>3.097</b>	

# A-5 System Generation Fuel Cost Report

REVISED

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>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
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%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	121,310	51,716	69,594	134.6%
24 - UNIT COST (\$/BBL)	117.27	123.87	(6.60)	(5.3%)
25 - AMOUNT (\$)	14,226,223	6,406,085	7,820,138	122.1%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
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

REVISED

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>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
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%
<b>39 - BURNED</b>				
40 - UNITS (TON)	1,976,271	1,666,570	309,701	18.6%
41 - UNIT COST (\$/TON)	81.78	88.99	(7.21)	(8.1%)
42 - AMOUNT (\$)	161,620,864	148,303,407	13,317,457	9.0%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	(68,856)			
45 - AMOUNT (\$)	(5,821,944)			
<b>46 - ENDING INVENTORY</b>				
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%
<b>GAS</b>				
<b>52 - BURNED</b>				
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%)
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
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's  
Revised Schedules A1-A9 & A12  
for the Reporting Month of January, 2020



# A-3 Generating System Comparative Data Report

REVISED

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

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	203,121	92,118	111,003	120.5 %
3 - COAL	0	5,552,605	(5,552,605)	(100.0 %)
4 - GAS	74,789,181	89,563,329	(14,774,148)	(16.5 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	74,992,301	95,208,052	(20,215,751)	(21.2 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	1,107	31	1,076	3471.5 %
11 - COAL	0	77,832	(77,832)	(100.0 %)
12 - GAS	2,772,351	2,974,926	(202,575)	(6.8 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	30,015	34,993	(4,978)	(14.2 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,803,473	3,087,782	(284,309)	(9.2 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	1,792	78	1,714	2197.4 %
19 - COAL (TON)	0	34,402	(34,402)	(100.0 %)
20 - GAS (MCF)	19,744,076	20,877,664	(1,133,588)	(5.4 %)
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	10,335	453	9,882	2181.4 %
26 - COAL	0	809,485	(809,485)	(100.0 %)
27 - GAS	20,233,462	20,877,664	(644,202)	(3.1 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	20,243,797	21,687,602	(1,443,805)	(6.7 %)
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.0	0.00	0.0	3833.6 %
34 - COAL	0.0	2.52	(2.5)	(100.0 %)
35 - GAS	98.9	96.35	2.5	2.6 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.1	1.13	(0.06)	(5.5 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %

# A-3 Generating System Comparative Data Report

REVISED

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

Duke Energy Florida, LLC

## FUEL COST PER UNIT (\$)

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	113.41	1,181.00	(1,067.59)	(90.4 %)
42 - COAL (\$/TON)	0.00	161.40	(161.40)	(100.0 %)
43 - GAS (\$/MCF)	3.79	4.29	(0.50)	(11.7 %)
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	19.65	203.35	(183.70)	(9033.5 %)
49 - COAL	0.00	6.86	(6.86)	(10000.0 %)
50 - GAS	3.70	4.29	(0.59)	(1383.7 %)
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)	3.70	4.39	(0.69)	(1561.6 %)

## BTU BURNED PER KWH (BTU/KWH)

55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	9,335	14,613	(5,278)	(36.1 %)
57 - COAL	0	10,400	(10,400)	(100.0 %)
58 - GAS	7,298	7,018	280	4.0 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,221	7,024	197	2.8 %

## GENERATED FUEL COST PER KWH (CENTS/KWH)

63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	18.35	297.15	(278.81)	(93.8 %)
65 - COAL	0.00	7.13	(7.13)	(100.0 %)
66 - GAS	2.70	3.01	(0.31)	(10.4 %)
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	2.67	3.08	(0.41)	(13.2 %)

# A-3 Generating System Comparative Data Report

REVISED

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

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	203,121	92,118	111,003	120.5 %
3 - COAL	0	5,552,605	(5,552,605)	(100.0 %)
4 - GAS	74,789,181	89,563,329	(14,774,148)	(16.5 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	74,992,301	95,208,052	(20,215,751)	(21.2 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	1,107	31	1,076	3471.5 %
11 - COAL	0	77,832	(77,832)	(100.0 %)
12 - GAS	2,772,351	2,974,926	(202,575)	(6.8 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	30,015	34,993	(4,978)	(14.2 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,803,473	3,087,782	(284,309)	(9.2 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	1,792	78	1,714	2197.4 %
19 - COAL (TON)	0	34,402	(34,402)	(100.0 %)
20 - GAS (MCF)	19,744,076	20,877,664	(1,133,588)	(5.4 %)
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	10,335	453	9,882	2181.4 %
26 - COAL	0	809,485	(809,485)	(100.0 %)
27 - GAS	20,233,462	20,877,664	(644,202)	(3.1 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	20,243,797	21,687,602	(1,443,805)	(6.7 %)
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.0	0.00	0.0	3833.6 %
34 - COAL	0.0	2.52	(2.5)	(100.0 %)
35 - GAS	98.9	96.35	2.5	2.6 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.1	1.13	(0.06)	(5.5 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %

# A-3 Generating System Comparative Data Report

REVISED

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

Duke Energy Florida, LLC

## FUEL COST PER UNIT (\$)

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	113.41	1,181.00	(1,067.59)	(90.4 %)
42 - COAL (\$/TON)	0.00	161.40	(161.40)	(100.0 %)
43 - GAS (\$/MCF)	3.79	4.29	(0.50)	(11.7 %)
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	19.65	203.35	(183.70)	(9033.5 %)
49 - COAL	0.00	6.86	(6.86)	(10000.0 %)
50 - GAS	3.70	4.29	(0.59)	(1383.7 %)
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)	3.70	4.39	(0.69)	(1561.6 %)

## BTU BURNED PER KWH (BTU/KWH)

55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	9,335	14,613	(5,278)	(36.1 %)
57 - COAL	0	10,400	(10,400)	(100.0 %)
58 - GAS	7,298	7,018	280	4.0 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,221	7,024	197	2.8 %

## GENERATED FUEL COST PER KWH (CENTS/KWH)

63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	18.35	297.15	(278.81)	(93.8 %)
65 - COAL	0.00	7.13	(7.13)	(100.0 %)
66 - GAS	2.70	3.01	(0.31)	(10.4 %)
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	2.67	3.08	(0.41)	(13.2 %)

# A-4 System Net Generation and Fuel Cost Report

REVISED

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

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 (\$)
<b>Solar</b>													
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	11,526.00	21			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	507.00	17			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	577.00	16			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	1,310.00	20			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL UNIT 1	45	6,586.00	20			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL UNIT 1	75	9,509.00	17			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>213</b>	<b>30,015.00</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
TOTAL UNIT 1	521	93,138.00	24			11,806	Gas	1,070,659	1.027	1,099,567	4,927,678	5.291	4.602
TOTAL UNIT 2	514	9,394.00	2			11,669	Gas	106,738	1.027	109,620	491,259	5.229	4.602
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4		0.00				0				0	0	0.000	
TOTAL UNIT 5		0.00				0				0	0	0.000	
<b>TOTAL Steam</b>	<b>1,035</b>	<b>102,532.00</b>				<b>11,793</b>				<b>1,209,187</b>	<b>5,418,936</b>	<b>5.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
TOTAL BCC	1,308	555,214.00	57			7,296	Gas	3,967,673	1.021	4,050,994	13,609,391	2.451	3.430
<b>Bartow Peaker</b>													
TOTAL BAP	61	208.00	0			16,368	Gas	3,315	1.027	3,405	15,263	7.338	4.604
<b>Bayboro Peaker</b>													
TOTAL BYP	238	444.00	0			4,927	No 2	383	5.712	2,188	53,381	12.021	139.377
<b>Citrus County</b>													
TOTAL CCC	1,884	1,109,116.00	79			6,749	Gas	7,273,963	1.029	7,484,908	28,640,678	2.582	3.937
<b>Debary Peaker</b>													
TOTAL DEP	417	421.47	1			13,630	No 2	996	5.768	5,745	113,721	26.982	114.178
		3,759.53					Gas	49,799	1.029	51,243	229,665	6.109	4.612
<b>Hines Energy</b>													
TOTAL HEP	2,184	893,028.63	55			7,272	Gas	6,354,682	1.022	6,494,485	23,489,369	2.630	3.696
		893,187.00								6,495,637	23,505,623	2.632	
<b>Intercession City Peaker</b>													
TOTAL ICP	624	1.77	0			13,118	No 2	4	5.802	23	359	20.316	89.853
		1,919.23					Gas	24,466	1.029	25,176	85,013	4.430	3.475
		1,921.00								25,199	85,372	4.444	

# A-4 System Net Generation and Fuel Cost Report

REVISED

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

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 (\$)
<b>Osprey</b>													
TOTAL OSP	600	71,968.00	16			7,526	Gas	530,496	1.021	541,636	1,820,111	2.529	3.431
<b>Suwannee Peaker</b>													
TOTAL SRP	203	2,226.00	1			15,062	No 2 Gas	211 31,419	5.817 1.028	1,227 32,299	19,405 144,771	23.813 6.751	91.968 4.608
<b>Tiger Bay Cogen</b>													
TOTAL TBP	0	0.00	0			0	Gas	0	0.000	0	1,768	0.000	0.000
<b>Univ of Florida Cogen</b>													
TOTAL UFP	46	32,462.00	95			10,478	No 2 Gas	0 330,866	0.000 1.028	0 340,130	0 1,334,216	0.000 4.110	0.000 4.032
<b>TOTAL Gas Turbine</b>	<b>7,565</b>	<b>2,670,926.00</b>				<b>7,127</b>				<b>19,034,610</b>	<b>69,573,365</b>	<b>2.605</b>	
<b>SYSTEM TOTAL</b>	<b>8,813</b>	<b>2,803,473.45</b>				<b>7,263</b>				<b>20,243,797</b>	<b>74,992,301</b>	<b>2.675</b>	

# A-4 System Net Generation and Fuel Cost Report

REVISED

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

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 (\$)
<b>Solar</b>													
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	11,526.00	21			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	507.00	17			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	577.00	16			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	1,310.00	20			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL UNIT 1	45	6,586.00	20			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL UNIT 1	75	9,509.00	17			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>213</b>	<b>30,015.00</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
TOTAL UNIT 1	521	93,138.00	24			11,806	Gas	1,070,659	1.027	1,099,567	4,927,678	5.291	4.602
TOTAL UNIT 2	514	9,394.00	2			11,669	Gas	106,738	1.027	109,620	491,259	5.229	4.602
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4		0.00				0				0	0	0.000	
TOTAL UNIT 5		0.00				0				0	0	0.000	
<b>TOTAL Steam</b>	<b>1,035</b>	<b>102,532.00</b>				<b>11,793</b>				<b>1,209,187</b>	<b>5,418,936</b>	<b>5.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
TOTAL BCC	1,308	555,214.00	57			7,296	Gas	3,967,673	1.021	4,050,994	13,609,391	2.451	3.430
<b>Bartow Peaker</b>													
TOTAL BAP	61	208.00	0			16,368	Gas	3,315	1.027	3,405	15,263	7.338	4.604
<b>Bayboro Peaker</b>													
TOTAL BYP	238	444.00	0			4,927	No 2	383	5.712	2,188	53,381	12.021	139.377
<b>Citrus County</b>													
TOTAL CCC	1,884	1,109,116.00	79			6,749	Gas	7,273,963	1.029	7,484,908	28,640,678	2.582	3.937
<b>Debary Peaker</b>													
TOTAL DEP	417	4,181.00	1			13,630	No 2 Gas	996 49,799	5.768 1.029	5,745 51,243	113,721 229,665	26.982 6.109	114.178 4.612
<b>Hines Energy</b>													
TOTAL HEP	2,184	893,187.00	55			7,272	Gas	6,354,682	1.022	6,494,485	23,489,369	2.630	3.696
<b>Intercession City Peaker</b>													
TOTAL ICP	624	1,921.00	0			13,118	No 2 Gas	4 24,466	5.802 1.029	23 25,176	359 85,013	20.316 4.430	89.853 3.475

# A-4 System Net Generation and Fuel Cost Report

REVISED

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

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 (\$)
<b>Osprey</b>													
TOTAL OSP	600	71,968.00	16			7,526	Gas	530,496	1.021	541,636	1,820,111	2.529	3.431
<b>Suwannee Peaker</b>													
TOTAL SRP	203	2,226.00	1			15,062	No 2 Gas	211 31,419	5.817 1.028	1,227 32,299	19,405 144,771	23.813 6.751	91.968 4.608
<b>Tiger Bay Cogen</b>													
TOTAL TBP	0	0.00	0			0	Gas	0	0.000	0	1,768	0.000	0.000
<b>Univ of Florida Cogen</b>													
TOTAL UFP	46	32,462.00	95			10,478	No 2 Gas	0 330,866	0.000 1.028	0 340,130	0 1,334,216	0.000 4.110	0.000 4.032
<b>TOTAL Gas Turbine</b>	<b>7,565</b>	<b>2,670,926.00</b>				<b>7,127</b>				<b>19,034,610</b>	<b>69,573,365</b>	<b>2.605</b>	
<b>SYSTEM TOTAL</b>	<b>8,813</b>	<b>2,803,473.45</b>				<b>7,263</b>				<b>20,243,797</b>	<b>74,992,301</b>	<b>2.675</b>	



# A-5 System Generation Fuel Cost Report

REVISED

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

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	4,851	78	4,773	6119.2%
20 - UNIT COST (\$/BBL)	0.00	1,181.00	(1,181.00)	(100.0%)
21 - AMOUNT (\$)	0	92,118	(92,118)	(100.0%)
<b>22 - BURNED</b>				
23 - UNITS (BBL)	1,792	78	1,714	2197.4%
24 - UNIT COST (\$/BBL)	113.41	1,181.00	(1,067.59)	(90.4%)
25 - AMOUNT (\$)	203,121	92,118	111,003	120.5%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	608,678	659,427	(50,749)	(7.7%)
31 - UNIT COST (\$/BBL)	108.37	108.99	(0.62)	(0.6%)
32 - AMOUNT (\$)	65,960,881	71,867,960	(5,907,079)	(8.2%)
33 -				
34 - DAYS SUPPLY	10,535	253,626	(243,090)	(95.8%)

# A-5 System Generation Fuel Cost Report

REVISED

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

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	92,942	34,402	58,540	170.2%
37 - UNIT COST (\$/TON)	100.24	161.40	(61.17)	(37.9%)
38 - AMOUNT (\$)	9,316,292	5,552,605	3,763,687	67.8%
<b>39 - BURNED</b>				
40 - UNITS (TON)	0	34,402	(34,402)	(100.0%)
41 - UNIT COST (\$/TON)	0.00	161.40	(161.40)	(100.0%)
42 - AMOUNT (\$)	0	5,552,605	(5,552,605)	(100.0%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	431,062	417,395	13,667	3.3%
48 - UNIT COST (\$/TON)	80.97	86.34	(5.37)	(6.2%)
49 - AMOUNT (\$)	34,901,041	36,037,880	(1,136,839)	(3.2%)
50 -				
51 - DAYS SUPPLY	0	364	(364)	(100.0%)
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	19,744,076	20,877,664	(1,133,588)	(5.4%)
54 - UNIT COST (\$/MCF)	3.79	4.29	(0.50)	(11.7%)
55 - AMOUNT (\$)	74,789,181	89,563,329	(14,774,148)	(16.5%)
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
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

REVISED

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

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	4,851	78	4,773	6119.2%
20 - UNIT COST (\$/BBL)	0.00	1,181.00	(1,181.00)	(100.0%)
21 - AMOUNT (\$)	0	92,118	(92,118)	(100.0%)
<b>22 - BURNED</b>				
23 - UNITS (BBL)	1,792	78	1,714	2197.4%
24 - UNIT COST (\$/BBL)	113.41	1,181.00	(1,067.59)	(90.4%)
25 - AMOUNT (\$)	203,121	92,118	111,003	120.5%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	608,678	659,427	(50,749)	(7.7%)
31 - UNIT COST (\$/BBL)	108.37	108.99	(0.62)	(0.6%)
32 - AMOUNT (\$)	65,960,881	71,867,960	(5,907,079)	(8.2%)
33 -				
34 - DAYS SUPPLY	10,535	253,626	(243,090)	(95.8%)

# A-5 System Generation Fuel Cost Report

REVISED

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

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	92,942	34,402	58,540	170.2%
37 - UNIT COST (\$/TON)	100.24	161.40	(61.17)	(37.9%)
38 - AMOUNT (\$)	9,316,292	5,552,605	3,763,687	67.8%
<b>39 - BURNED</b>				
40 - UNITS (TON)	0	34,402	(34,402)	(100.0%)
41 - UNIT COST (\$/TON)	0.00	161.40	(161.40)	(100.0%)
42 - AMOUNT (\$)	0	5,552,605	(5,552,605)	(100.0%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	431,062	417,395	13,667	3.3%
48 - UNIT COST (\$/TON)	80.97	86.34	(5.37)	(6.2%)
49 - AMOUNT (\$)	34,901,041	36,037,880	(1,136,839)	(3.2%)
50 -				
51 - DAYS SUPPLY	0	364	(364)	(100.0%)
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	19,744,076	20,877,664	(1,133,588)	(5.4%)
54 - UNIT COST (\$/MCF)	3.79	4.29	(0.50)	(11.7%)
55 - AMOUNT (\$)	74,789,181	89,563,329	(14,774,148)	(16.5%)
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
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's  
Revised Schedules A1-A9 & A12  
for the Reporting Month of February, 2020

# A-3 Generating System Comparative Data Report

REVISED

Report Period : 2/1/2020 to 2/1/2020

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	504,375	108,601	395,774	364.4 %
3 - COAL	0	3,307,188	(3,307,188)	(100.0 %)
4 - GAS	65,213,448	82,979,429	(17,765,981)	(21.4 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	65,717,824	86,395,218	(20,677,394)	(23.9 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	1,773	16	1,757	10981.3 %
11 - COAL	0	7,660	(7,660)	(100.0 %)
12 - GAS	2,536,287	2,738,525	(202,238)	(7.4 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	31,310	38,936	(7,626)	(19.6 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,569,370	2,785,137	(215,767)	(7.7 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	4,616	269	4,347	1616.0 %
19 - COAL (TON)	0	3,452	(3,452)	(100.0 %)
20 - GAS (MCF)	18,695,068	19,239,554	(544,486)	(2.8 %)
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	26,645	1,566	25,079	1601.5 %
26 - COAL	0	81,336	(81,336)	(100.0 %)
27 - GAS	19,176,786	19,239,554	(62,768)	(0.3 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	19,203,431	19,322,456	(119,025)	(0.6 %)
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.00	0.1	11911.8 %
34 - COAL	0.0	0.28	(0.3)	(100.0 %)
35 - GAS	98.7	98.32	0.4	0.4 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.2	1.40	(0.2)	(12.8 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %

# A-3 Generating System Comparative Data Report

REVISED

Report Period : 2/1/2020 to 2/1/2020

Duke Energy Florida, LLC

## FUEL COST PER UNIT (\$)

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	109.17	403.72	(294.55)	(73.0 %)
42 - COAL (\$/TON)	0.00	958.05	(958.05)	(100.0 %)
43 - GAS (\$/MCF)	3.49	4.31	(0.82)	(19.1 %)
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	18.93	69.35	(50.42)	(72.7 %)
49 - COAL	0.00	40.66	(40.66)	(100.0 %)
50 - GAS	3.40	4.31	(0.91)	(21.2 %)
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)	3.42	4.47	(1.05)	(23.5 %)

## BTU BURNED PER KWH (BTU/KWH)

55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	15,028	97,875	(82,847)	(84.6 %)
57 - COAL	0	10,618	(10,618)	(100.0 %)
58 - GAS	7,561	7,026	535	7.6 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,474	6,938	536	7.7 %

## GENERATED FUEL COST PER KWH (CENTS/KWH)

63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	28.45	678.76	(650.31)	(95.8 %)
65 - COAL	0.00	43.17	(43.17)	(100.0 %)
66 - GAS	2.57	3.03	(0.46)	(15.1 %)
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)	2.56	3.10	(0.54)	(17.5 %)

# A-3 Generating System Comparative Data Report

REVISED

Report Period : 1/1/2020 to 2/1/2020

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	707,496	200,719	506,777	252.5 %
3 - COAL	0	8,859,793	(8,859,793)	(100.0 %)
4 - GAS	140,002,629	172,542,758	(32,540,129)	(18.9 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	140,710,125	181,603,270	(40,893,145)	(22.5 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	2,886	47	2,839	6040.4 %
11 - COAL	0	85,492	(85,492)	(100.0 %)
12 - GAS	5,308,632	5,713,451	(404,819)	(7.1 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	61,325	73,929	(12,604)	(17.0 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	5,372,843	5,872,919	(500,076)	(8.5 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	6,408	347	6,061	1746.7 %
19 - COAL (TON)	0	37,854	(37,854)	(100.0 %)
20 - GAS (MCF)	38,439,144	40,117,218	(1,678,074)	(4.2 %)
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	36,980	2,019	34,961	1731.6 %
26 - COAL	0	890,821	(890,821)	(100.0 %)
27 - GAS	39,410,248	40,117,218	(706,970)	(1.8 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	39,447,229	41,010,058	(1,562,829)	(3.8 %)
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.00	0.1	6611.9 %
34 - COAL	0.0	1.46	(0.3)	(18.9 %)
35 - GAS	98.8	97.28	1.5	1.6 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.1	1.26	(0.1)	(9.3 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %



# A-3 Generating System Comparative Data Report

REVISED

Report Period : 1/1/2020 to 2/1/2020

Duke Energy Florida, LLC

<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	110.36	578.44	(468.08)	(80.9 %)
42 - COAL (\$/TON)	0.00	234.05	(234.05)	(100.0 %)
43 - GAS (\$/MCF)	3.64	4.30	(0.66)	(15.3 %)
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 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	19.13	99.42	(80.28)	(80.8 %)
49 - COAL	0.00	9.95	(9.95)	(100.0 %)
50 - GAS	3.55	4.30	(0.75)	(17.4 %)
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)	3.57	4.43	(0.86)	(19.4 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	12,814	42,957	(30,144)	(70.2 %)
57 - COAL	0.00	10,420	(10,420)	(100.0 %)
58 - GAS	7,424	7,022	402	5.7 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,342	6,983	359	5.1 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	24.51	427.06	(402.55)	(94.3 %)
65 - COAL	0.00	10.36	(10.36)	(100.0 %)
66 - GAS	2.64	3.02	(0.38)	(12.7 %)
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 %
70 - SYSTEM (CENTS/KWH)	2.62	3.09	(0.47)	(15.3 %)

# A-4 System Net Generation and Fuel Cost Report

REVISED

Report Period : 2/1/2020 to 2/1/2020

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 (\$)
<b>Solar</b>													
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	11,960.00	23			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	5,590.00	18			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	537.00	19			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	609.00	18			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	1,324.00	21			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	75	11,290.00	22			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>213</b>	<b>31,310.00</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		108,642.00					Gas	1,196,377	1.026	1,227,480	4,494,216	4.137	3.757
TOTAL UNIT 1	521	108,642.00	30			11,298				1,227,480	4,494,216	4.137	
		10,820.00					Gas	117,895	1.026	120,960	442,875	4.093	3.757
TOTAL UNIT 2	514	10,820.00	3			11,179				120,960	442,875	4.093	
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4		0.00				0				0	0	0.000	
TOTAL UNIT 5		0.00				0				0	0	0.000	
<b>TOTAL Steam</b>	<b>1,035</b>	<b>119,462.00</b>				<b>11,288</b>				<b>1,348,440</b>	<b>4,937,091</b>	<b>4.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
		552,497.00					Gas	4,190,398	1.023	4,286,773	12,818,778	2.320	3.059
TOTAL BCC	1,308	552,497.00	61			7,759				4,286,773	12,818,778	2.320	
<b>Bartow Peaker</b>													
		110.42					No 2	375	5.712	2,142	39,018	35.337	104.047
		11.58					Gas	219	1.026	225	756	6.525	3.451
TOTAL BAP	109	122.00	0			19,399				2,367	39,773	32.601	
<b>Bayboro Peaker</b>													
		67.70					No 2	641	5.712	3,661	89,583	132.324	139.756
TOTAL BYP	178	68.00	0			54,083				3,661	89,583	132.324	
<b>Citrus County</b>													
		811,242.00					Gas	5,345,542	1.030	5,505,906	21,907,311	2.700	4.098
TOTAL CCCC	1,884	811,242.00	62			6,787				5,505,906	21,907,311	2.700	
<b>Debary Peaker</b>													
		542.29					No 2	1,330	5.768	7,671	152,085	28.045	114.350
		9,303.71					Gas	128,025	1.028	131,610	483,285	5.195	3.775
TOTAL DEP	642	9,846.00	2			14,146				139,281	635,370	6.453	
<b>Hines Energy</b>													
		11.17					No 2	14	5.817	81	1,123	10.048	80.199
		942,259.83					Gas	6,706,573	1.024	6,867,530	21,900,348	2.324	3.266
TOTAL HEP	2,184	942,271.00	62			7,288				6,867,611	21,901,471	2.324	
<b>Intercession City Peaker</b>													

# A-4 System Net Generation and Fuel Cost Report

REVISED

Report Period : 2/1/2020 to 2/1/2020

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 (\$)
		1,018.57					No 2	2,200	5.802	12,764	217,416	21.345	98.826
		23,193.58					Gas	282,444	1.029	290,635	840,101	3.622	2.974
TOTAL ICP	1,102	24,212.00	3			12,531				303,399	1,057,517	4.368	
<b>Osprey</b>													
		14,619.00					Gas	108,291	1.022	110,674	332,358	2.273	3.069
TOTAL OSP	420	14,619.00	5			7,571				110,674	332,358	2.273	
<b>Suwannee Peaker</b>													
		22.61					No 2	56	5.817	326	5,150	22.783	91.968
		4,977.39					Gas	69,839	1.027	71,725	263,285	5.290	3.770
TOTAL SRP	136	5,000.00	5			14,410				72,050	268,435	5.369	
<b>Tiger Bay Cogen</b>													
		28,384.00					Gas	241,287	1.024	247,078	738,086	2.600	3.059
TOTAL TBP	231	28,384.00	18			8,705				247,078	738,086	2.600	
<b>Univ of Florida Cogen</b>													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		30,336.40					Gas	308,178	1.026	316,191	992,049	3.270	3.219
TOTAL UFP	43	30,336.00	101			10,423				316,191	992,049	3.270	
<b>TOTAL Gas Turbine</b>	8,237	2,418,597.00				7,382				17,854,991	60,780,733	2.513	
<b>SYSTEM TOTAL</b>	9,485	2,569,370.25				7,427				19,203,431	65,717,824	2.558	

# A-4 System Net Generation and Fuel Cost Report

REVISED

Report Period : 1/1/2020 to 2/1/2020

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 (\$)
<b>Solar</b>													
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	23,486.00	22			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	12,176.00	19			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	1,044.00	18			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	1,186.00	16			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	2,634.00	20			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	75	20,799.00	19			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>213</b>	<b>61,325.00</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		201,780.00					Gas	2,267,036	1.026	2,327,047	9,421,893	4.669	4.156
TOTAL UNIT 1	521	201,780.00	27			11,533				2,327,047	9,421,893	4.669	
		20,214.00					Gas	224,633	1.026	230,580	934,134	4.621	4.158
TOTAL UNIT 2	514	20,214.00	3			11,407				230,580	934,134	4.621	
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4		0.00				0				0	0	0.000	
TOTAL UNIT 5		0.00				0				0	0	0.000	
<b>TOTAL Steam</b>	<b>1,035</b>	<b>221,994.00</b>				<b>11,521</b>				<b>2,557,627</b>	<b>10,356,027</b>	<b>5.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
		1,107,711.00					Gas	8,158,071	1.022	8,337,767	26,428,169	2.386	3.240
TOTAL BCC	1,308	1,107,711.00	59			7,527				8,337,767	26,428,169	2.386	
<b>Bartow Peaker</b>													
		122.48					No 2	375	5.712	2,142	39,018	31.856	104.047
		207.52					Gas	3,534	1.027	3,629	16,019	7.719	4.533
TOTAL BAP	109	330.00	0			17,488				5,771	55,036	16.678	
<b>Bayboro Peaker</b>													
		511.75					No 2	1,024	5.712	5,849	142,965	27.936	139.614
TOTAL BYP	238	512.00	0			11,430				5,849	142,965	27.936	
<b>Citrus County</b>													
		1,920,358.00					Gas	12,619,505	1.029	12,990,814	50,547,989	2.632	4.006
TOTAL CCCC	1,884	1,920,358.00	71			6,765				12,990,814	50,547,989	2.632	
<b>Debary Peaker</b>													
		958.81					No 2	2,326	5.768	13,416	265,806	27.723	114.276
		13,068.19					Gas	177,824	1.028	182,853	712,950	5.456	4.009
TOTAL DEP	642	14,027.00	2			13,992				196,269	978,756	6.978	
<b>Hines Energy</b>													
		169.38					No 2	212	5.817	1,233	17,376	10.259	81.964
		1,835,288.62					Gas	13,061,255	1.023	13,362,015	45,389,718	2.473	3.475
TOTAL HEP	2,184	1,835,458.00	58			7,281				13,363,248	45,407,094	2.474	
<b>Intercession City Peaker</b>													

# A-4 System Net Generation and Fuel Cost Report

REVISED

Report Period : 1/1/2020 to 2/1/2020

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 (\$)
		1,016.92					No 2	2,204	5.802	12,787	217,776	21.415	98.809
		25,116.23					Gas	306,910	1.029	315,811	925,114	3.683	3.014
TOTAL ICP	1,102	26,133.00	2			12,574				328,598	1,142,890	4.373	
<b>Osprey</b>													
		86,587.00					Gas	638,787	1.021	652,310	2,152,469	2.486	3.370
TOTAL OSP	600	86,587.00	10			7,534				652,310	2,152,469	2.486	
<b>Suwannee Peaker</b>													
		106.30					No 2	267	5.817	1,553	24,555	23.100	91.968
		7,119.60					Gas	101,258	1.027	104,023	408,055	5.731	4.030
TOTAL SRP	203	7,226.00	2			14,611				105,577	432,611	5.987	
<b>Tiger Bay Cogen</b>													
		28,384.00					Gas	241,287	1.024	247,078	739,854	2.607	3.066
TOTAL TBP	231	28,384.00	9			8,705				247,078	739,854	2.607	
<b>Univ of Florida Cogen</b>													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		62,797.90					Gas	639,044	1.027	656,321	2,326,265	3.704	3.640
TOTAL UFP	46	62,798.00	95			10,451				656,321	2,326,265	3.704	
<b>TOTAL Gas Turbine</b>	8,547	5,089,524.00				7,248				36,889,602	130,354,098	2.561	
<b>SYSTEM TOTAL</b>	9,795	5,372,842.70				7,342				39,447,229	140,710,125	2.619	

# A-5 System Generation Fuel Cost Report

REVISED

Report Period : 2/1/2020 to 2/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	0	269	(269)	(100.0%)
20 - UNIT COST (\$/BBL)	0.00	403.72	(403.72)	(100.0%)
21 - AMOUNT (\$)	0	108,601	(108,601)	(100.0%)
<b>22 - BURNED</b>				
23 - UNITS (BBL)	4,616	269	4,347	1616.0%
24 - UNIT COST (\$/BBL)	109.17	403.72	(294.55)	(73.0%)
25 - AMOUNT (\$)	504,375	108,601	395,774	364.4%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	604,058	659,427	(55,369)	(8.4%)
31 - UNIT COST (\$/BBL)	108.36	108.99	(0.62)	(0.6%)
32 - AMOUNT (\$)	65,456,505	71,867,960	(6,411,455)	(8.9%)
33 -				
34 - DAYS SUPPLY	3,792	73,542	(69,750)	(94.8%)

# A-5 System Generation Fuel Cost Report

REVISED

Report Period : 2/1/2020 to 2/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	1,185	3,452	(2,267)	(65.7%)
37 - UNIT COST (\$/TON)	821.51	958.05	(136.54)	(14.3%)
38 - AMOUNT (\$)	973,492	3,307,188	(2,333,696)	(70.6%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	0	3,452	(3,452)	(100.0%)
41 - UNIT COST (\$/TON)	0.00	958.05	(958.05)	(100.0%)
42 - AMOUNT (\$)	0	3,307,188	(3,307,188)	(100.0%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	432,247	417,395	14,852	3.6%
48 - UNIT COST (\$/TON)	83.00	86.34	(3.34)	(3.9%)
49 - AMOUNT (\$)	35,874,533	36,037,880	(163,347)	(0.5%)
50 -				
51 - DAYS SUPPLY	0	3,627	(3,627)	(100.0%)
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	18,695,068	19,239,554	(544,486)	(2.8%)
54 - UNIT COST (\$/MCF)	3.49	4.31	(0.82)	(19.1%)
55 - AMOUNT (\$)	65,213,448	82,979,429	(17,765,981)	(21.4%)
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
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

REVISED

Report Period : 1/1/2020 to 2/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	4,851	347	4,504	1298.0%
20 - UNIT COST (\$/BBL)	0.00	578.44	(578.44)	(100.0%)
21 - AMOUNT (\$)	0	200,719	(200,719)	(100.0%)
<b>22 - BURNED</b>				
23 - UNITS (BBL)	6,408	347	6,061	1746.7%
24 - UNIT COST (\$/BBL)	110.36	578.44	(468.08)	(80.9%)
25 - AMOUNT (\$)	707,496	200,719	506,777	252.5%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	604,058	659,427	(55,369)	(8.4%)
31 - UNIT COST (\$/BBL)	108.36	108.99	(0.62)	(0.6%)
32 - AMOUNT (\$)	65,456,505	71,867,960	(6,411,455)	(8.9%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%



# A-5 System Generation Fuel Cost Report

REVISED

Report Period : 1/1/2020 to 2/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	94,127	37,854	56,273	148.7%
37 - UNIT COST (\$/TON)	109.32	234.05	(124.73)	(53.3%)
38 - AMOUNT (\$)	10,289,783	8,859,793	1,429,990	16.1%
<b>39 - BURNED</b>				
40 - UNITS (TON)	0	37,854	(37,854)	(100.0%)
41 - UNIT COST (\$/TON)	0.00	234.05	(234.05)	(100.0%)
42 - AMOUNT (\$)	0	8,859,793	(8,859,793)	(100.0%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	432,247	417,395	14,852	3.6%
48 - UNIT COST (\$/TON)	83.00	86.34	(3.34)	(3.9%)
49 - AMOUNT (\$)	35,874,533	36,037,880	(163,347)	(0.5%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	38,439,144	40,117,218	(1,678,074)	(4.2%)
54 - UNIT COST (\$/MCF)	3.64	4.30	(0.66)	(15.3%)
55 - AMOUNT (\$)	140,002,629	172,542,758	(32,540,129)	(18.9%)
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
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%