



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

February 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, are Schedules A1 through A9 and A12 for the reporting month of January, 2020.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Sincerely,

/s/ Matthew R. Bernier

Matthew R. Bernier

MRB/cmK
Attachments

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the above-mentioned document has been furnished to the following individuals via e-mail on this 20th day of February, 2020.

/s/ Matthew R. Bernier

Attorney

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

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JANUARY 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)	74,992,301	95,208,052	(20,215,751)	(21.2)	2,803,473	3,087,782	(284,308)	(9.2)	2.6750	3.0834	(0.4084)	(13.3)
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	(12,011,163)	(12,033,183)	22,021	(0.2)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	62,981,139	83,174,869	(20,193,730)	(24.3)	2,803,473	3,087,782	(284,308)	(9.2)	2.2465	2.6937	(0.4472)	(16.6)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	1,777,132	1,104,453	672,679	60.9	55,391	29,104	26,287	90.3	3.2083	3.7948	(0.5865)	(15.5)
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)	143,759	232,265	(88,506)	(38.1)	4,764	5,890	(1,126)	(19.1)	3.0174	3.9432	(0.9258)	(23.5)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	7,319,413	10,321,439	(3,002,027)	(29.1)	217,861	254,820	(36,959)	(14.5)	3.3597	4.0505	(0.6908)	(17.1)
9 TOTAL COST OF PURCHASED POWER	9,240,304	11,658,157	(2,417,853)	(20.7)	278,016	289,815	(11,798)	(4.1)	3.3237	4.0226	(0.6989)	(17.4)
10 TOTAL AVAILABLE MWH					3,081,490	3,377,596	(296,106)	(9)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(65,028)	(968,364)	903,336	(93.3)	(4,455)	(26,172)	21,717	(83.0)	1.4597	3.7000	(2.2403)	(60.6)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(13,997)	(256,290)	242,293	(94.5)	(4,455)	(26,172)	21,717	(83.0)	0.3142	0.9793	(0.6651)	(67.9)
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	(1,026,793)	(4,705,071)	3,678,279	(78.2)	(51,399)	(178,942)	127,543	(71.3)	1.9977	2.6294	(0.6317)	(24.0)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,105,818)	(5,929,725)	4,823,908	(81.4)	(55,854)	(205,114)	149,260	(72.8)	1.9798	2.8909	(0.9111)	(31.5)
14 NET INADVERTENT AND WHEELED INTERCHANGE					9,968	0	9,968					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	71,115,625	88,903,301	(17,787,676)	(20.0)	3,035,604	3,172,482	(136,878)	(4.3)	2.3427	2.8023	(0.4596)	(16.4)
16 NET UNBILLED	1,812,686	(2,761,220)	4,573,906	(165.7)	(77,375)	98,533	(175,908)	(178.5)	0.0683	(0.0902)	0.1585	(175.7)
17 COMPANY USE	254,055	533,513	(279,458)	(52.4)	(10,844)	(19,038)	8,194	(43.0)	0.0096	0.0174	(0.0078)	(44.8)
18 T & D LOSSES	6,861,038	5,338,388	1,522,650	28.5	(292,867)	(190,498)	(102,368)	53.7	0.2585	0.1744	0.0841	48.2
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	71,115,625	88,903,301	(17,787,676)	(20.0)	2,654,517	3,061,479	(406,961)	(13.3)	2.6790	2.9039	(0.2249)	(7.7)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(384,024)	(426,736)	42,711	(10.0)	(14,426)	(14,545)	118	(0.8)	2.6619	2.9339	(0.2720)	(9.3)
21 JURISDICTIONAL KWH SALES	70,731,601	88,476,565	(17,744,964)	(20.1)	2,640,091	3,046,934	(406,843)	(13.4)	2.6791	2.9038	(0.2247)	(7.7)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034	70,755,650	88,506,647	(17,750,997)	(20.1)	2,640,091	3,046,934	(406,843)	(13.4)	2.6800	2.9048	(0.2248)	(7.7)
23 PRIOR PERIOD TRUE-UP	1,205,224	1,205,224	(0)	0.0	2,640,091	3,046,934	(406,843)	(13.4)	0.0457	0.0396	0.0061	15.4
24 TOTAL JURISDICTIONAL FUEL COST	71,960,873	89,711,871	(17,750,998)	(19.8)	2,640,091	3,046,934	(406,843)	(13.4)	2.7257	2.9444	(0.2187)	(7.4)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.7277	2.9465	(0.2188)	(7.4)
27 GPIF	215,975	215,975			2,640,091	3,046,934			0.0082	0.0071	0.0011	15.5
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.736	2.954	(0.218)	(7.4)

*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 - JANUARY 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)	74,992,301	95,208,052	(20,215,751)	(21.2)	2,803,473	3,087,782	(284,308)	(9.2)	2.6750	3.0834	(0.4084)	(13.3)
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	(12,011,163)	(12,033,183)	22,021	(0.2)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	62,981,139	83,174,869	(20,193,730)	(24.3)	2,803,473	3,087,782	(284,308)	(9.2)	2.2465	2.6937	(0.4472)	(16.6)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	1,777,132	1,104,453	672,679	60.9	55,391	29,104	26,287	90.3	3.2083	3.7948	(0.5865)	(15.5)
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)	143,759	232,265	(88,506)	(38.1)	4,764	5,890	(1,126)	(19.1)	3.0174	3.9432	(0.9258)	(23.5)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	7,319,413	10,321,439	(3,002,027)	(29.1)	217,861	254,820	(36,959)	(14.5)	3.3597	4.0505	(0.6908)	(17.1)
9 TOTAL COST OF PURCHASED POWER	9,240,304	11,658,157	(2,417,853)	(20.7)	278,016	289,815	(11,798)	(4.1)	3.3237	4.0226	(0.6989)	(17.4)
10 TOTAL AVAILABLE MWH					3,081,490	3,377,596	(296,106)	(8.8)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(65,028)	(968,364)	903,336	(93.3)	(4,455)	(26,172)	21,717	(83.0)	1.4597	3.7000	(2.2403)	(60.6)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(13,997)	(256,290)	242,293	(94.5)	(4,455)	(26,172)	21,717	(83.0)	0.3142	0.9793	(0.6651)	(67.9)
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	(1,026,793)	(4,705,071)	3,678,279	(78.2)	(51,399)	(178,942)	127,543	(71.3)	1.9977	2.6294	(0.6317)	(24.0)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,105,818)	(5,929,725)	4,823,908	(81.4)	(55,854)	(205,114)	149,260	(72.8)	1.9798	2.8909	(0.9111)	(31.5)
14 NET INADVERTENT AND WHEELED INTERCHANGE					9,968	0	9,968					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	71,115,625	88,903,301	(17,787,676)	(20.0)	3,035,604	3,172,482	(136,878)	(4.3)	2.3427	2.8023	(0.4596)	(16.4)
16 NET UNBILLED	1,812,686	(2,761,220)	4,573,906	(165.7)	(77,375)	98,533	(175,908)	(178.5)	0.0683	(0.0902)	0.1585	(175.7)
17 COMPANY USE	254,055	533,513	(279,458)	(52.4)	(10,844)	(19,038)	8,194	(43.0)	0.0096	0.0174	(0.0078)	(44.8)
18 T & D LOSSES	6,861,038	5,338,388	1,522,650	28.5	(292,867)	(190,498)	(102,368)	53.7	0.2585	0.1744	0.0841	48.2
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	71,115,625	88,903,301	(17,787,676)	(20.0)	2,654,517	3,061,479	(406,961)	(13.3)	2.6790	2.9039	(0.2249)	(7.7)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(384,024)	(426,736)	42,711	(10.0)	(14,426)	(14,545)	118	(0.8)	2.6619	2.9339	(0.2720)	(9.3)
21 JURISDICTIONAL KWH SALES	70,731,601	88,476,565	(17,744,964)	(20.1)	2,640,091	3,046,934	(406,843)	(13.4)	2.6791	2.9038	(0.2247)	(7.7)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034	70,755,650	88,506,647	(17,750,997)	(20.1)	2,640,091	3,046,934	(406,843)	(13.4)	2.6800	2.9048	(0.2248)	(7.7)
23 PRIOR PERIOD TRUE-UP	1,205,224	1,205,224	(0)	0.0	2,640,091	3,046,934	(406,843)	(13.4)	0.0457	0.0396	0.0061	15.4
24 TOTAL JURISDICTIONAL FUEL COST	71,960,873	89,711,871	(17,750,998)	(19.8)	2,640,091	3,046,934	(406,843)	(13.4)	2.7257	2.9444	(0.2187)	(7.4)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.7277	2.9465	(0.2189)	(7.4)
27 GPIF	215,975	215,975			2,640,091	3,046,934			0.0082	0.0071	0.0011	86.6
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.736	2.954	(0.218)	(7.4)

*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
JANUARY 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	\$74,992,301	95,208,052	(\$20,215,751)	(21.2)	\$74,992,301	\$95,208,052	(\$20,215,751)	(21.2)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(65,028)	(968,364)	903,336	(93.3)	(65,028)	(968,364)	903,336	(93.3)
2a. GAIN ON POWER SALES	(13,997)	(256,290)	242,293	(94.5)	(13,997)	(256,290)	242,293	(94.5)
3 . FUEL COST OF PURCHASED POWER	1,777,132	1,104,453	672,679	60.9	1,777,132	1,104,453	672,679	60.9
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,319,413	10,321,439	(3,002,027)	(29.1)	7,319,413	10,321,439	(3,002,027)	(29.1)
4 . ENERGY COST OF ECONOMY PURCHASES	143,759	232,265	(88,506)	(38.1)	143,759	232,265	(88,506)	(38.1)
5 . TOTAL FUEL & NET POWER TRANSACTIONS	84,153,581	105,641,555	(21,487,975)	(20.3)	84,153,581	105,641,555	(21,487,975)	(20.3)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,026,793)	(4,705,071)	3,678,279	(78.2)	(1,026,793)	(4,705,071)	3,678,279	(78.2)
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(12,011,163)	(12,033,183)	22,021	(0.2)	(12,011,163)	(12,033,183)	22,021	(0.2)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$71,115,625	\$88,903,301	(\$17,787,676)	(20.0)	\$71,115,625	\$88,903,301	(\$17,787,676)	(20.0)
FOOTNOTE DETAIL OF LINE 6b ABOVE								
N/A - Not used	\$0	\$0	\$0		\$0	\$0	\$0	
N/A - Not used	0	0	0		0	0	0	
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	540	0	540		540	0	540	
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	1,154,311	0	1,154,311		1,154,311	0	1,154,311	
RAIL CAR SALE PROCEEDS	0	0	0		0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	(13,309,268)	0	(13,309,268)		(13,309,268)	0	(13,309,268)	
NET METER SETTLEMENT	158,958	0	158,958		158,958	0	158,958	
2019 ADJUSTMENT GAIN ON TOTAL POWER SALES - 20% (SCH A6) **	(15,703)	0	(15,703)		(15,703)	0	(15,703)	
Derivative Co-lateral Interest	0	0	0		0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	(\$12,011,163)	\$0	(\$12,011,163)		(\$12,011,163)	\$0	(\$12,011,163)	
** Adjustment to correct 2019 customer gain on non-separate wholesale sales.								
B. KWH SALES								
1 . JURISDICTIONAL SALES	2,640,090,425	3,046,933,676	(406,843,251)	(13.4)	2,640,090,425	3,046,933,676	(406,843,251)	(13.4)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	14,426,452	14,544,858	(118,406)	(0.8)	14,426,452	14,544,858	(118,406)	(0.8)
3 . TOTAL SALES	2,654,516,877	3,061,478,534	(406,961,657)	(13.3)	2,654,516,877	3,061,478,534	(406,961,657)	(13.3)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.46	99.52	(0.06)	(0.1)	99.46	99.52	(0.06)	(0.1)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$85,968,564	\$101,846,602	(\$15,878,038)	(15.6)	\$85,968,564	\$101,846,602	(\$15,878,038)	(15.6)
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	(1,205,224)	(1,205,224)	0	0.0
2b. INCENTIVE PROVISION	(215,975)	(215,975)	0	0.0	(215,975)	(215,975)	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	84,547,365	100,425,403	(15,878,038)	(15.8)	84,547,365	100,425,403	(15,878,038)	(15.8)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	71,115,625	88,903,301	(17,787,676)	(20.0)	71,115,625	88,903,301	(17,787,676)	(20.0)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.46	99.52	(0.06)	(0.1)	99.46	99.52	(0.06)	(0.1)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00034 LOSS MULTIPLIER)	70,755,650	88,506,647	(17,750,997)	(20.1)	70,755,650	88,506,647	(17,750,997)	(20.1)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	13,791,716	11,918,756	1,872,960	15.7	13,791,716	11,918,756	1,872,960	15.7
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(38,474)	(15,413)	(23,061)	149.6	(38,474)	(15,413)	(23,061)	149.6
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(35,997,914)	(14,462,684)	(21,535,230)	148.9	(35,997,914)	(14,462,684)	(21,535,230)	148.9
10. TRUE UP COLLECTED (REFUNDED)	1,205,224	1,205,224	(0)	0.0	1,205,224	1,205,224	(0)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(21,039,449)	(1,354,117)	(19,685,332)	1,453.7	(21,039,449)	(1,354,117)	(19,685,332)	1,453.7
12. OTHER:	0				0			
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$21,039,449)	(1,354,117)	(19,685,332)	1,453.7	(\$21,039,449)	(1,354,117)	(19,685,332)	1,453.7
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$35,997,914)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(21,000,975)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(56,998,889)	N/A	--	--		NOT		
4. AVERAGE TRUE UP (50% OF LINE D3)	(28,499,444)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.590	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.640	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	3.230	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.615	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.135	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$38,474)	N/A	--	--				

A-3 Generating System Comparative Data Report

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>
NET GENERATION (\$)				
1 - HEAVY O L	0	0	0	0 0 %
2 - LIGHT O L	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 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY O L	0	0	0	0 0 %
10 - LIGHT OIL	960	31	929	2995 2 %
11 - COAL	0	77,832	(77,832)	(100.0 %)
12 - GAS	2,772,499	2,974,926	(202,427)	(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 %)
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0 0 %
18 - LIGHT OIL (BBL)	1,791	78	1,713	2196 2 %
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 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY O L	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 (M LLION BTU)	20,243,797	21,687,602	(1,443,805)	(6.7 %)
GENERATION MIX (% MWH)				
32 - HEAVY O L	0 0	0.00	0 0	0 0 %
33 - LIGHT OIL	0 0	0.00	0 0	3716 9 %
34 - COAL	0 0	2.52	(2.5)	(100.0 %)
35 - GAS	98 9	96.35	2 6	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

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>
FUEL COST PER UNIT (\$)				
40 - HEAVY O L (\$/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 O L	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	19.65	203.35	(183.70)	(90.3 %)
49 - COAL	0.00	6.86	(6.86)	(100.0 %)
50 - GAS	3.70	4.29	(0.59)	(13.8 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	3.70	4.39	(0.69)	(15.6 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	10,771	14,613	(3,842)	(26.3 %)
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 O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	21.17	302.03	(280.86)	(93.0 %)
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 %

A-3 Generating System Comparative Data Report

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>
NET GENERATION (\$)				
1 - HEAVY O L	0	0	0	0 0 %
2 - LIGHT O L	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 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY O L	0	0	0	0 0 %
10 - LIGHT OIL	960	31	929	2995 2 %
11 - COAL	0	77,832	(77,832)	(100.0 %)
12 - GAS	2,772,499	2,974,926	(202,427)	(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 %)
UNITS OF FUEL BURNED				
17 - HEAVY O L (BBL)	0	0	0	0 0 %
18 - LIGHT OIL (BBL)	1,791	78	1,713	2196 2 %
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 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY O L	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 (M LLION BTU)	20,243,797	21,687,602	(1,443,805)	(6.7 %)
GENERATION MIX (% MWH)				
32 - HEAVY O L	0 0	0.00	0 0	0 0 %
33 - LIGHT OIL	0 0	0.00	0 0	3716 9 %
34 - COAL	0 0	2.52	(2.5)	(100.0 %)
35 - GAS	98 9	96.35	2 6	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

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>
FUEL COST PER UNIT (\$)				
40 - HEAVY O L (\$/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 O L	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	19.65	203.35	(183.70)	(90.3 %)
49 - COAL	0.00	6.86	(6.86)	(100.0 %)
50 - GAS	3.70	4.29	(0.59)	(13.8 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	3.70	4.39	(0.69)	(15.6 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY O L	0	0	0	0.0 %
56 - LIGHT OIL	10,771	14,613	(3,842)	(26.3 %)
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 O L	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	21.17	302.03	(280.86)	(93.0 %)
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 %

A-4 System Net Generation and Fuel Cost Report

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 (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	11,526.00	21			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	507.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	577.00	16			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,310.00	20			0				0	0	0.000	
Lake Placid Solar Facility Unit 1	45	6,586.00				0				0	0	0.000	
Trenton Solar Facility Unit 1	75	9,509.00				0				0	0	0.000	
TOTAL Solar	93	30,015.00				0				0	0	0.000	
Steam													
Anclote													
		93,138.00					Gas	1,070,659	1.027	1,099,567	4,927,678	5.291	4.602
TOTAL UNIT 1	521	93,138.00	24			11,806				1,099,567	4,927,678	5.291	
		9,394.00					Gas	106,738	1.027	109,620	491,259	5.229	4.602
TOTAL UNIT 2	514	9,394.00	2			11,669				109,620	491,259	5.229	
Crystal River 1 & 2													
TOTAL UNIT 1		0.00				0				0	0	0.000	
TOTAL UNIT 2		0.00				0				0	0	0.000	
Crystal River 4 & 5													
TOTAL UNIT 4		0.00				0				0	0	0.000	
TOTAL UNIT 5		0.00				0				0	0	0.000	
TOTAL Steam	1,035	102,532.00				11,793				1,209,187	5,418,936	5.000	
Gas Turbine													
Bartow Combined Cycle													
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
		555,214.00								4,050,994	13,609,391	2.451	
Bartow Peaker													
TOTAL BAP	61	208.00	0			16,368	Gas	3,315	1.027	3,405	15,263	7.338	4.604
		208.00								3,405	15,263	7.338	
Bayboro Peaker													
TOTAL BYP	238	444.05	0			4,927	No 2	383	5.712	2,188	53,381	12.021	139.377
		444.00								2,188	53,381	12.021	

A-4 System Net Generation and Fuel Cost Report

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 (\$)
Citrus County													
TOTAL CCCC	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
		1,109,116.00								7,484,908	28,640,678	2.582	
Debarry Peaker													
		421.47					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
TOTAL DEP	417	4,181.00	1			13,630				56,988	343,386	8.213	
Hines Energy													
		46.40					No 2	198	5.817	1,152	16,254	35.030	82.088
		893,140.60					Gas	6,354,682	1.022	6,494,485	23,489,369	2.630	3.696
TOTAL HEP	2,184	893,187.00	55			7,272				6,495,637	23,505,623	2.632	
Intercession City Peaker													
		1.77					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
TOTAL ICP	624	1,921.00	0			13,118				25,199	85,372	4.444	
Osprey													
		71,968.00					Gas	530,496	1.021	541,636	1,820,111	2.529	3.431
TOTAL OSP	600	71,968.00	16			7,526				541,636	1,820,111	2.529	
Suwannee Peaker													
		81.49					No 2	211	5.817	1,227	19,405	23.813	91.968
		2,144.41					Gas	31,419	1.028	32,299	144,771	6.751	4.608
TOTAL SRP	203	2,226.00	1			15,062				33,526	164,176	7.376	
Tiger Bay Cogen													
		0.00					Gas	0	0.000	0	1,768	0.000	0.000
TOTAL TBP	0	0.00	0			0				0	1,768	0.000	
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		32,461.50					Gas	330,866	1.028	340,130	1,334,216	4.110	4.032
TOTAL UFP	46	32,462.00	95			10,478				340,130	1,334,216	4.110	
TOTAL Gas Turbine	7,565	2,670,926.00				7,127				19,034,610	69,573,365	2.605	
SYSTEM TOTAL	8,693	2,803,473.45				7,263				20,243,797	74,992,301	2.690	

A-4 System Net Generation and Fuel Cost Report

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 (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	11,526.00	21			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	507.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	577.00	16			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,310.00	20			0				0	0	0.000	
Lake Placid Solar Facility Unit 1	45	6,586.00				0				0	0	0.000	
Trenton Solar Facility Unit 1	75	9,509.00				0				0	0	0.000	
TOTAL Solar	93	30,015.00				0				0	0	0.000	
Steam													
Anclote													
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
Crystal River 1 & 2		0.00				0				0	0	0.000	
Crystal River 4 & 5		0.00				0				0	0	0.000	
TOTAL Steam	1,035	102,532.00				11,793				1,209,187	5,418,936	5.000	
Gas Turbine													
Bartow Combined Cycle													
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
Bartow Peaker		208.00	0			16,368	Gas	3,315	1.027	3,405	15,263	7.338	4.604
TOTAL BAP	61	208.00	0			16,368				3,405	15,263	7.338	
Bayboro Peaker													
TOTAL BYP	238	444.05	0			4,927	No 2	383	5.712	2,188	53,381	12.021	139.377

A-4 System Net Generation and Fuel Cost Report

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 (\$)
Citrus County													
TOTAL CCCC	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
		1,109,116.00								7,484,908	28,640,678	2.582	
Debary Peaker													
		421.47					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
TOTAL DEP	417	4,181.00	1			13,630				56,988	343,386	8.213	
Hines Energy													
		46.40					No 2	198	5.817	1,152	16,254	35.030	82.088
		893,140.60					Gas	6,354,682	1.022	6,494,485	23,489,369	2.630	3.696
TOTAL HEP	2,184	893,187.00	55			7,272				6,495,637	23,505,623	2.632	
Intercession City Peaker													
		1.77					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
TOTAL ICP	624	1,921.00	0			13,118				25,199	85,372	4.444	
Osprey													
TOTAL OSP	600	71,968.00	16			7,526	Gas	530,496	1.021	541,636	1,820,111	2.529	3.431
		71,968.00								541,636	1,820,111	2.529	
Suwannee Peaker													
		81.49					No 2	211	5.817	1,227	19,405	23.813	91.968
		2,144.41					Gas	31,419	1.028	32,299	144,771	6.751	4.608
TOTAL SRP	203	2,226.00	1			15,062				33,526	164,176	7.376	
Tiger Bay Cogen													
TOTAL TBP	0	0.00	0			0	Gas	0	0.000	0	1,768	0.000	0.000
		0.00								0	1,768	0.000	
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		32,461.50					Gas	330,866	1.028	340,130	1,334,216	4.110	4.032
TOTAL UFP	46	32,462.00	95			10,478				340,130	1,334,216	4.110	
TOTAL Gas Turbine	7,565	2,670,926.00				7,127				19,034,610	69,573,365	2.605	
SYSTEM TOTAL	8,693	2,803,473.45				7,263				20,243,797	74,992,301	2.690	

A-5 System Generation Fuel Cost Report

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>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
4 - AMOUNT (\$)	0	0	0	0.0%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	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%)
22 - BURNED				
23 - UNITS (BBL)	1,791	78	1,713	2196.2%
24 - UNIT COST (\$/BBL)	113.41	1,181.00	(1,067 59)	(90.4%)
25 - AMOUNT (\$)	203,121	92,118	111,003	120.5%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
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

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>
COAL				
35 - PURCHASES				
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%
39 - BURNED				
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%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
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%)
GAS				
52 - BURNED				
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%)
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

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

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
4 - AMOUNT (\$)	0	0	0	0.0%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	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%)
22 - BURNED				
23 - UNITS (BBL)	1,791	78	1,713	2196.2%
24 - UNIT COST (\$/BBL)	113.41	1,181.00	(1,067 59)	(90.4%)
25 - AMOUNT (\$)	203,121	92,118	111,003	120.5%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
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

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>
COAL				
35 - PURCHASES				
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%
39 - BURNED				
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%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
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%)
GAS				
52 - BURNED				
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%)
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
January 2020

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
ESTIMATED		26,172		26,172	3.700	4.679	968,364.00	1,224,654.00	256,290.00
ACTUAL									
Exelon Generation Company, LLC	InternationalSwapsDe	500	0	500	1.249	1.808	6,247.39	9,038.47	2,791.08
Reedy Creek Improvement District	CR-1	2,455	0	2,455	1.440	1.802	35,351.95	44,237.65	8,885.70
Southern Company Services, Inc.	EEL	1,450	0	1,450	1.494	1.684	21,662.29	24,413.11	2,750.82
Tampa Electric Company	CR-1	50	0	50	3.532	2.671	1,766.13	1,335.63	(430.50)
Adjustments									
Subtotal - Gain on Other Power Sales		4,455	-	4,455	1.460	1.774	65,027.76	79,024.86	13,997.10
CURRENT MONTH TOTAL		4,455		4,455	1.460	1.774	65,027.76	79,024.86	13,997.10
D FFERENCE		(21,717)		(21,717)	(2.240)	(2.905)	(903,336.24)	(1,145,629.14)	(242,292.90)
D FFERENCE %		(83)		(83)	(60.550)	(62.089)	(93.28)	(93.55)	(94.54)
CUMULATIVE ACTUAL		4,455		4,455	1.460	1.774	65,027.76	79,024.86	13,997.10
CUMULATIVE ESTIMATED		26,172		26,172	3.700	4.679	968,364.00	1,224,654.00	256,290.00
D FFERENCE		(21,717)		(21,717)	(2.240)	(2.905)	(903,336.24)	(1,145,629.14)	(242,292.90)
D FFERENCE %		(83)		(83)	(60.550)	(62.091)	(93.28)	(93.55)	(94.54)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
January, 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		29104			29,104	3.795	3.795	1,104,453.00	1,104,453.00
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	1,274			1,274	9.682	9.682	123,347.12	123,347.12
Southern Power Company	Franklin	49,880			49,880	2.927	2.927	1,459,968.93	1,459,968.93
Vandolah Power Company L.L.C.	TOLL	2,507			2,507	7.844	7.844	196,657.33	196,657.33
ADJUSTMENTS									
Vandolah Power Co. LLC (Northern Star)	TOLL	38			38	(48.769)	(48.769)	(18,532.11)	(18,532.11)
Shady Hills Power Company, LLC	TOLL	12			12	(129.280)	(129.280)	(15,513.64)	(15,513.64)
Southern Power Company	Franklin	1,680			1,680	1.857	1.857	31,204.62	31,204.62
CURRENT MONTH TOTAL		55,391			55,391	3.208	3.208	1,777,132.25	1,777,132.25
DIFFERENCE		26,287			26,287	(0.587)	(0.587)	672,679.25	672,679.25
DIFFERENCE %		90			90	(15.459)	(15.459)	60.91	60.91
CUMULATIVE ACTUAL		55,391			55,391	3.208	3.208	1,777,132.25	1,777,132.25
CUMULATIVE ESTIMATED		29,104			29,104	3.795	3.795	1,104,453.00	1,104,453.00
DIFFERENCE		26,287			26,287	(0.587)	(0.587)	672,679.25	672,679.25
DIFFERENCE %		90			90	(15.455)	(15.455)	60.91	60.91

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
JANUARY, 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		254,820	-	-	254,820	4.050	14.708	10,321,439.43
ACTUAL								
Citrus World (CITRUS)	CO-GEN	40			40	2.112	2.112	846.18
ADJ		31			31			622.25
Florida Power Development (FCRUSHAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Florida Power Development (FLACRUSH)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Lake County (LAKCOUNT)	CO-GEN	569			569	2.046	2.046	11,641.98
ADJ		-			-			(591.25)
Lee County (LEECOGAS)	CO-GEN	338			338	3.623	3.623	12,245.74
ADJ		-			-			-
Metro-Dade County (METRDADE)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Metro-Dade County (METRDDAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			(13,789.71)
Orange Cogen (ORANGEAS)	CO-GEN	1,884			1,884	2.025	2.025	38,146.56
ADJ		-			-			(10,967.73)
Orange Cogen (ORANGECO)	CO-GEN	31,641			31,641	4.062	22.608	1,285,410.75
ADJ		-			-			(12,908.68)
Orlando Cogen Limited (ORLACOGL)	CO-GEN	89,280			89,280	5.353	11.985	4,778,727.87
ADJ		-			-			(1,798.97)
Orlando Cogen Limited (ORLCOGAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	17,483			17,483	2.007	12.797	350,927.12
ADJ		-			-			(261,340.08)
PCS Phosphate (OCSWFCRK)	CO-GEN	111			111	1.991	1.991	2,211.02
ADJ		67			67			995.01
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	40,501			40,501	2.000	14.054	810,215.89
ADJ		-			-			(230,811.12)
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	35,916			35,916	2.270	24.074	815,216.42
ADJ		-			-			(255,586.34)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
CURRENT MONTH TOTAL		217,861			217,861	3.360	15.822	7,319,412.92
DIFFERENCE		(36,959)			(36,959)	(0.691)	1.114	(3,002,026.51)
DIFFERENCE %		(14.50)			(14.50)	(17.05)	7.58	(29.09)
CUMULATIVE ACTUAL		217,861			217,861	3.360	15.822	7,319,412.92
CUMULATIVE ESTIMATED		254,820			254,820	4.050	14.706	10,321,439.43
CUMULATIVE DIFFERENCE		(36,959)			(36,959)	(0.691)	1.117	(3,002,026.51)
CUMULATIVE DIFFERENCE %		(14.50)			(14.5)	(17.06)	7.59	(29.09)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

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

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL KWH PURCHASED (000)	(4) ENERGY COST C/KWH	(5) TOTAL AMOUNT FOR FUEL ADJ \$	(6) COST IF GENERATED C/KWH	(7) COST IF GENERATED \$	(8) FUEL SAVINGS \$
ESTIMATED		5,890	3 943	232,265.00	4.555	268,303.00	36,038.00
ACTUAL							
SubTotal - Energy Purchases (Broker)							
SEPA	Hydro	1,054	3.435	36,215.53	3.435	36,215.53	-
Carolina Pwr & Lt dba Progress Enrgy Carolinas Inc	Transmission Purchase	-	0 000	3,423.00	-	-	(3,423.00)
Exelon Generation Company, LLC	InternationalSwapsDe	900	2.700	24,300.00	3.725	33,522.00	9,222.00
Florida Power & Light Company		1,975	2 800	55,300.00	3.568	70,472.00	15,172.00
Orlando Utilities Commission	Schedule OS	550	3 236	17,800.00	6.260	34,431.50	16,631.50
Southern Company Services, Inc.	EEI	75	2 200	1,650.00	5.036	3,777.00	2,127.00
Tampa Electric Company	EEI2	150	2 900	4,350.00	2.182	3,273.00	(1,077.00)
The Energy Authority	EEI	60	1.108	665.00	1.355	813.00	148.00
ADJUSTMENTS							
PJM Settlements				55.52			(55.52)
SubTotal - Energy Purchases (Non-Broker)							
		4,764	3 017	143,759.05	3.831	182,504.03	38,744.98
CURRENT MONTH TOTAL		4,764	3 017	143,759.05	3.831	182,504.03	38,744.98
DIFFERENCE		(1,126)	(0 926)	(88,505.95)	(0.724)	(85,798.97)	2,706.98
DIFFERENCE %		(19)	(23.475)	(38.11)	(15.904)	(31.98)	7.51
CUMULATIVE ACTUAL		4,764	3 017	143,759.05	3.831	182,504.03	38,744.98
CUMULATIVE ESTIMATED		5,890	3 943	232,265.00	4.555	268,303.00	36,038.00
DIFFERENCE		(1,126)	(0 926)	(88,505.95)	(0.725)	(85,798.97)	2,706.98
DIFFERENCE %		(19)	(23.483)	(38.11)	(15.908)	(31.98)	7.51

