



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

March 17, 2021

VIA ELECTRONIC FILING

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

Re: Docket No. 20210001-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 February 2021.

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

Sincerely,

/s/ Matthew R. Bernier

Matthew R. Bernier

MRB/cmkn
Attachments

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the above-mentioned document has been furnished to the following individuals via e-mail on this 17th day of March, 2021.

/s/ Matthew R. Bernier

Attorney

Suzanne Brownless
Office of General Counsel
FL Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us

J. Beasley / J. Wahlen / M. Means
Ausley McMullen
P.O. Box 391
Tallahassee, FL 32302
jbeasley@ausley.com
jwahlen@ausley.com
mmeans@ausley.com

Russell A. Badders
Gulf Power Company
One Energy Place, Bin 100
Pensacola, FL 32520-0100
russell.badders@nexteraenergy.com

Kenneth A. Hoffman
Florida Power & Light Company
134 W. Jefferson Street
Tallahassee, FL 32301-1713
ken_hoffman@fpl.com

Jon C. Moyle, Jr.
Moyle Law Firm, P.A.
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com
mqualls@moylelaw.com

Anastacia Pirrello
Office of Public Counsel
111 W. Madison St., Room 812
Tallahassee, FL 32399-1400
pirrello.anastacia@leg.state.fl.us

Paula K. Brown
Regulatory Affairs
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601-0111
regdept@tecoenergy.com

Maria Moncada / David Lee
Florida Power & Light Company
700 Universe Blvd. (LAW/JP)
Juno Beach, FL 33408-0420
maria_moncada@fpl.com
david.lee@fpl.com

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

Mike Cassel
Florida Public Utilities Company
208 Wildlight Avenue
Yulee, FL 32097
mcassel@fpuc.com

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe Street, Suite 601
Tallahassee, FL 32301
bkeating@gunster.com

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

FEBRUARY 2021

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	89,669,082	85,036,001	4,633,081	5.5	2,541,294	2,639,161	(97,867)	(3.7)	3.5285	3.2221	0.3064	9.5
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	1,129,037	1,121,218	7,819	0.7	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	90,798,119	86,157,219	4,640,901	5.4	2,541,294	2,639,161	(97,867)	(3.7)	3.5729	3.2646	0.3083	9.4
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	3,598,830	279,050	3,319,780	1,189.7	83,664	5,938	77,726	1,309.0	4.3015	4.6995	(0.3980)	(8.5)
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)	928,870	95,430	833,440	873.4	19,584	2,486	17,099	687.9	4.7429	3.8390	0.9039	23.6
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	7,301,243	7,542,954	(241,711)	(3.2)	203,273	208,275	(5,001)	(2.4)	3.5918	3.6216	(0.0298)	(0.8)
9 TOTAL COST OF PURCHASED POWER	11,828,944	7,917,434	3,911,510	49.4	306,522	216,698	89,823	41.5	3.8591	3.6537	0.2054	5.6
10 TOTAL AVAILABLE MWH					2,847,816	2,855,859	(8,043)	(0)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(380,148)	(720,014)	339,866	(47.2)	(10,254)	(22,218)	11,964	(53.9)	3.7073	3.2407	0.4666	14.4
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(81,500)	(182,574)	101,074	(55.4)	(10,254)	(22,218)	11,964	(53.9)	0.7948	0.8218	(0.0270)	(3.3)
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	(1,881,490)	(1,821,495)	(59,995)	3.3	(64,252)	(79,322)	15,070	(19.0)	2.9283	2.2963	0.6320	27.5
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,343,139)	(2,724,083)	380,945	(14.0)	(74,506)	(101,540)	27,034	(26.6)	3.1449	2.6828	0.4621	17.2
14 NET INADVERTENT AND WHEELED INTERCHANGE					19,426	0	19,426					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	100,283,924	91,350,569	8,933,355	9.8	2,792,736	2,754,319	38,417	1.4	3.5909	3.3166	0.2743	8.3
16 NET UNBILLED	(10,423,476)	(8,478,730)	(1,944,746)	22.9	290,276	255,643	34,633	13.6	(0.3776)	(0.2997)	(0.0779)	26.0
17 COMPANY USE	708,096	513,603	194,493	37.9	(19,719)	(15,486)	(4,234)	27.3	0.0256	0.0182	0.0074	40.7
18 T & D LOSSES	10,865,298	5,480,998	5,384,300	98.2	(302,580)	(165,258)	(137,322)	83.1	0.3936	0.1937	0.1999	103.2
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	100,283,924	91,350,569	8,933,355	9.8	2,760,713	2,829,218	(68,506)	(2.4)	3.6325	3.2288	0.4037	12.5
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(541,533)	(27,405)	(514,128)	1,876.0	(15,027)	(852)	(14,175)	1,664.2	3.6037	3.2173	0.3864	12.0
21 JURISDICTIONAL KWH SALES	99,742,391	91,323,164	8,419,227	9.2	2,745,686	2,828,366	(82,681)	(2.9)	3.6327	3.2288	0.4039	12.5
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	99,770,319	91,351,474	8,418,845	9.2	2,745,686	2,828,366	(82,681)	(2.9)	3.6337	3.2298	0.4039	12.5
23 PRIOR PERIOD TRUE-UP	(5,090,285)	(5,090,285)	(0)	0.0	2,745,686	2,828,366	(82,681)	(2.9)	(0.1854)	(0.1800)	(0.0054)	3.0
24 TOTAL JURISDICTIONAL FUEL COST	94,680,034	86,261,189	8,418,844	9.8	2,745,686	2,828,366	(82,681)	(2.9)	3.4483	3.0498	0.3985	13.1
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.4508	3.0520	0.3988	13.1
27 GPIF	367,309	367,309			2,745,686	2,828,366			0.0134	0.0130	0.0004	3.1
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.464	3.065	0.399	13.0

*Line 11a. MWH Data for Informational Purposes Only

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

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - FEBRUARY 2021

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	180,799,478	181,908,403	(1,108,925)	(0.6)	5,574,324	5,606,966	(32,642)	(0.6)	3.2434	3.2443	(0.0009)	(0.0)
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	2,416,451	2,245,928	170,523	7.6	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	183,215,929	184,154,331	(938,403)	(0.5)	5,574,324	5,606,966	(32,642)	(0.6)	3.2868	3.2844	0.0024	0.1
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	4,696,906	788,862	3,908,044	495.4	98,036	17,750	80,286	452.3	4.7910	4.4443	0.3467	7.8
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)	1,470,327	174,727	1,295,600	741.5	35,757	4,454	31,303	702.8	4.1120	3.9227	0.1893	4.8
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	14,849,398	16,755,811	(1,906,414)	(11.4)	411,052	460,290	(49,238)	(10.7)	3.6125	3.6403	(0.0278)	(0.8)
9 TOTAL COST OF PURCHASED POWER	21,016,630	17,719,400	3,297,230	18.6	544,845	482,494	62,351	12.9	3.8574	3.6725	0.1849	5.0
10 TOTAL AVAILABLE MWH					6,119,169	6,089,460	29,709	0.5				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(766,822)	(2,137,830)	1,371,008	(64.1)	(31,209)	(62,272)	31,063	(49.9)	2.4571	3.4331	(0.9760)	(28.4)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(229,427)	(542,090)	312,663	(57.7)	(31,209)	(62,272)	31,063	(49.9)	0.7351	0.8705	(0.1354)	(15.6)
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	(8,327,239)	(3,598,120)	(4,729,119)	131.4	(273,217)	(155,925)	(117,292)	75.2	3.0478	2.3076	0.7402	32.1
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(9,323,488)	(6,278,040)	(3,045,447)	48.5	(304,426)	(218,196)	(86,230)	39.5	3.0626	2.8772	0.1854	6.4
14 NET INADVERTENT AND WHEELED INTERCHANGE					37,360	0	37,360					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	194,909,071	195,595,691	(686,621)	(0.4)	5,852,103	5,871,263	(19,160)	(0.3)	3.3306	3.3314	(0.0008)	(0.0)
16 NET UNBILLED	(16,212,641)	(12,086,699)	(4,125,942)	34.1	477,448	363,522	113,926	31.3	(0.2873)	(0.2066)	(0.0807)	39.1
17 COMPANY USE	894,454	1,115,453	(220,999)	(19.8)	(25,744)	(33,481)	7,737	(23.1)	0.0158	0.0191	(0.0033)	(17.3)
18 T & D LOSSES	21,919,804	11,736,354	10,183,450	86.8	(659,988)	(352,294)	(307,694)	87.3	0.3884	0.2007	0.1877	93.5
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	194,909,071	195,595,691	(686,621)	(0.4)	5,643,818	5,849,010	(205,192)	(3.5)	3.4535	3.3441	0.1094	3.3
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(541,533)	(48,254)	(493,279)	1,022.3	(15,044)	(1,579)	(13,464)	852.5	3.5997	3.0552	0.5445	17.8
21 JURISDICTIONAL KWH SALES	194,367,538	195,547,437	(1,179,899)	(0.6)	5,628,774	5,847,430	(218,656)	(3.7)	3.4531	3.3442	0.1089	3.3
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	194,424,799	195,608,057	(1,183,258)	(0.6)	5,628,774	5,847,430	(218,656)	(3.7)	3.4541	3.3452	0.1089	3.3
23 PRIOR PERIOD TRUE-UP	(10,180,571)	(10,180,570)	(1)	0.0	5,628,774	5,847,430	(218,656)	(3.7)	(0.1809)	(0.1741)	(0.0068)	3.9
24 TOTAL JURISDICTIONAL FUEL COST	184,244,229	185,427,487	(1,183,258)	(0.6)	5,628,774	5,847,430	(218,656)	(3.7)	3.2732	3.1711	0.1021	3.2
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.2756	3.1734	0.1022	3.2
27 GPIF	734,619	734,618			5,628,774	5,847,430			0.0131	0.0126	0.0005	96.2
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.289	3.186	0.103	3.2

*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
FEBRUARY 2021

	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	\$89,669,082	85,036,001	\$4,633,081	5.5	\$180,799,478	\$181,908,403	(\$1,108,925)	(0.6)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(380,148)	(720,014)	339,866	(47.2)	(766,822)	(2,137,830)	1,371,008	(64.1)
2a. GAIN ON POWER SALES	(81,500)	(182,574)	101,074	(55.4)	(229,427)	(542,090)	312,663	(57.7)
3 . FUEL COST OF PURCHASED POWER	3,598,830	279,050	3,319,780	1,189.7	4,696,906	788,862	3,908,044	495.4
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,301,243	7,542,954	(241,711)	(3.2)	14,849,398	16,755,811	(1,906,414)	(11.4)
4 . ENERGY COST OF ECONOMY PURCHASES	928,870	95,430	833,440	873.4	1,470,327	174,727	1,295,600	741.5
5 . TOTAL FUEL & NET POWER TRANSACTIONS	101,036,378	92,050,847	8,985,531	9.8	200,819,859	196,947,883	3,871,975	2.0
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,881,490)	(1,821,495)	(59,995)	3.3	(8,327,239)	(3,598,120)	(4,729,119)	131.4
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,129,037	1,121,218	7,819	0.7	2,416,451	2,245,928	170,523	7.6
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$100,283,924	\$91,350,569	\$8,933,355	9.8	\$194,909,071	\$195,595,691	(\$686,621)	(0.4)

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)	540	0	540	540	0	540	0
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0	0	0	0	0
TANK BOTTOM ADJUSTMENT	0	0	0	0	0	0	0
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	0
FPD AGREEMENT TERMINATION	1,128,497	0	1,128,497	2,254,514	0	2,254,514	0
RAIL CAR SALE PROCEEDS	0	0	0	0	0	0	0
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0	0	0	0	0
NET METER SETTLEMENT	0	0	0	161,397	0	161,397	0
2019 ADJUSTMENT: GAIN ON TOTAL POWER SALES - 20% (SCH A6) **	0	0	0	0	0	0	0
Derivative Collateral Interest	0	0	0	0	0	0	0
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,129,037	\$0	\$1,129,037	\$2,416,451	\$0	\$2,416,451	\$0

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

B. KWH SALES

1 . JURISDICTIONAL SALES	2,745,685,757	2,828,366,484	(82,680,727)	(2.9)	5,628,774,343	5,847,430,259	(218,655,916)	(3.7)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	15,027,125	851,800	14,175,325	1,664.2	15,043,762	1,579,400	13,464,362	852.5
3 . TOTAL SALES	2,760,712,882	2,829,218,284	(68,505,402)	(2.4)	5,643,818,105	5,849,009,659	(205,191,554)	(3.5)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.46	99.97	(0.51)	(0.5)	99.73	99.97	(0.24)	(0.2)

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
FEBRUARY 2021

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$83,155,269	\$87,333,644	(\$4,178,375)	(4.8)	\$171,138,740	\$180,555,595	(\$9,416,855)	(5.2)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	5,090,285	5,090,285	0	0.0	10,180,571	10,180,570	1	0.0
2b. INCENTIVE PROVISION	(367,309)	(367,309)	(0)	0.0	(734,619)	(734,618)	(1)	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	87,878,245	92,056,620	(4,178,375)	(4.5)	180,584,692	190,001,547	(9,416,855)	(5.0)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	100,283,924	91,350,569	8,933,355	9.8	194,909,071	195,595,691	(686,621)	(0.4)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.46	99.97	(0.51)	(0.5)	99.73	99.97	(0.24)	(0.2)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	99,770,319	91,351,474	8,418,845	9.2	194,424,799	195,608,057	(1,183,258)	(0.6)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(11,892,074)	705,146	(12,597,220)	(1,786.5)	(13,840,107)	(5,606,510)	(8,233,597)	146.9
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	545	3,802	(3,257)	(85.7)	2,170	8,235	(6,065)	(73.7)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	14,542,894	49,685,916	(35,143,022)	(70.7)	21,579,587	61,083,424	(39,503,837)	(64.7)
10. TRUE UP COLLECTED (REFUNDED)	(5,090,285)	(5,090,285)	(0)	0.0	(10,180,571)	(10,180,570)	(1)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(2,438,921)	45,304,579	(47,743,500)	(105.4)	(2,438,921)	45,304,579	(47,743,500)	(105.4)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$2,438,921)	45,304,579	(47,743,500)	(105.4)	(\$2,438,921)	45,304,579	(47,743,500)	(105.4)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	\$14,542,894	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(2,439,466)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	12,103,428	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	6,051,714	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.120	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.090	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.210	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.105	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.009	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$545	N/A	--	--				

NOT

A-3 Generating System Comparative Data Report

Report Period : 2/1/2021 to 2/1/2021

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	6,290,454	963,575	5,326,879	552.8 %
3 - COAL	13,079,895	15,630,604	(2,550,709)	(16.3 %)
4 - GAS	70,298,733	68,441,822	1,856,911	2.7 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	89,669,082	85,036,001	4,633,081	5.4 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	24,482	3,665	20,817	568.0 %
11 - COAL	409,436	530,609	(121,173)	(22.8 %)
12 - GAS	2,056,216	2,020,213	36,003	1.8 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	51,160	84,674	(33,514)	(39.6 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	2,541,294	2,639,161	(97,867)	(3.7 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	57,675	8,349	49,326	590.8 %
19 - COAL (TON)	176,141	231,478	(55,337)	(23.9 %)
20 - GAS (MCF)	15,414,666	13,729,739	1,684,927	12.3 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	331,281	48,647	282,634	581.0 %
26 - COAL	3,918,080	5,429,880	(1,511,800)	(27.8 %)
27 - GAS	15,828,205	13,729,739	2,098,466	15.3 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	20,077,566	19,208,266	869,300	4.5 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	1.0	0.14	0.8	593.7 %
34 - COAL	16.1	20.11	(4.0)	(19.9 %)
35 - GAS	80.9	76.55	4.4	5.7 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.0	3.21	(1.2)	(37.3 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				

A-3 Generating System Comparative Data Report

Report Period : 2/1/2021 to 2/1/2021

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	109.07	115.41	(6.34)	(5.5 %)
42 - COAL (\$/TON)	74.26	67.53	6.73	10.0 %
43 - GAS (\$/MCF)	4.56	4.98	(0.42)	(8.5 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	18.99	19.81	(0.82)	(4.1 %)
49 - COAL	3.34	2.88	0.46	16.0 %
50 - GAS	4.44	4.98	(0.54)	(10.9 %)
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)	4.47	4.43	0.04	0.9 %
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	13,531	13,273	258	1.9 %
57 - COAL	9,569	10,233	(664)	(6.5 %)
58 - GAS	7,698	6,796	902	13.3 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,901	7,278	622	8.6 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	25.69	26.29	(0.60)	(2.3 %)
65 - COAL	3.19	2.95	0.25	8.4 %
66 - GAS	3.42	3.39	0.03	0.9 %
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)	3.53	3.22	0.31	9.5 %

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 2/1/2021

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	7,554,266	1,978,197	5,576,069	281.9 %
3 - COAL	21,612,267	35,094,111	(13,481,844)	(38.4 %)
4 - GAS	151,632,945	144,836,095	6,796,850	4.7 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	180,799,478	181,908,403	(1,108,925)	(0.6 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	26,424	8,225	18,199	221.3 %
11 - COAL	652,575	1,173,598	(521,023)	(44.4 %)
12 - GAS	4,795,368	4,259,410	535,958	12.6 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	99,957	165,733	(65,776)	(39.7 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	5,574,324	5,606,966	(32,642)	(0.6 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	67,079	17,480	49,599	283.7 %
19 - COAL (TON)	289,655	509,180	(219,525)	(43.1 %)
20 - GAS (MCF)	35,166,820	29,025,582	6,141,238	21.2 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	385,155	101,852	283,303	278.2 %
26 - COAL	6,455,345	11,985,608	(5,530,263)	(46.1 %)
27 - GAS	36,091,026	29,025,582	7,065,444	24.3 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	42,931,526	41,113,042	1,818,484	4.4 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.5	0.15	0.3	223.1 %
34 - COAL	11.7	20.93	(9.2)	(44.1 %)
35 - GAS	86.0	75.97	10.1	13.2 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.8	2.96	(1.2)	(39.3 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				

A-3 Generating System Comparative Data Report

Report Period : 1/1/2021 to 2/1/2021

Duke Energy Florida, LLC

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	112.62	113.17	(0.55)	(0.5 %)
42 - COAL (\$/TON)	74.61	68.92	5.69	8.3 %
43 - GAS (\$/MCF)	4.31	4.99	(0.68)	(13.6 %)
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	19.61	19.42	0.19	1.0 %
49 - COAL	3.35	2.93	0.42	14.3 %
50 - GAS	4.20	4.99	(0.79)	(15.8 %)
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)	4.21	4.42	(0.21)	(4.8 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	14,576	12,383	2,193	17.7 %
57 - COAL	9,892	10,213	(321)	(3.1 %)
58 - GAS	7,526	6,814	712	10.4 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,702	7,332	369	5.0 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	28.59	24.05	4.54	18.9 %
65 - COAL	3.31	2.99	0.32	10.8 %
66 - GAS	3.16	3.40	(0.24)	(7.0 %)
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)	3.24	3.24	(0.00)	(0.0 %)

A-4 System Net Generation and Fuel Cost Report

Report Period : 2/1/2021 to 2/1/2021

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC.	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Columbia Solar 1													
TOTAL CSF 1	75	10,701.00	21			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	10,517.00	21			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	9,739.00	19			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	7,032.00	23			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	501.00	19			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	561.00	17			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1		0.00				0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,126.00	19			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	10,934.00	22			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1		0.00				0				0	0	0.000	
St. Pete Pier	0.35	48.72	21			0				0	0	0.000	
TOTAL Solar	362	51,159.72				0				0	0	0.000	
Steam													
Anclote													
		20,251.00					Gas	229,300	1.028	235,720	1,158,532	5.721	5.052
TOTAL UNIT 1	521	20,251.00	6			11,640				235,720	1,158,532	5.721	
		105,032.00					Gas	1,166,790	1.028	1,199,460	5,895,175	5.613	5.052
TOTAL UNIT 2	514	105,032.00	30			11,420				1,199,460	5,895,175	5.613	
Crystal River 4 & 5													
TOTAL UNIT 4		0.00				0				0	0	0.000	
		409,436.00					Coal	176,141	22.244	3,918,080	13,079,895	3.195	74.258
		0.00					No 2	910	5.735	5,219	157,278	0.000	172.832
TOTAL UNIT 5	721	409,436.00	85			9,582				3,923,300	13,237,173	3.233	
TOTAL Steam	1,756	534,719.00				10,021				5,358,480	20,290,880	4.000	
Gas Turbine													
Bartow Combined Cycle													
		405,079.00					Gas	3,178,643	1.022	3,248,573	13,521,114	3.338	4.254
TOTAL BCC	1,043	405,079.00	58			8,020				3,248,573	13,521,114	3.338	
Bartow Peaker													
		4,460.10					No 2	10,841	5.712	61,924	1,127,909	25.289	104.041
		1,198.90					Gas	16,192	1.028	16,645	81,991	6.839	5.064
TOTAL BAP	223	5,659.00	4			13,884				78,569	1,209,900	21.380	
Bayboro Peaker													
		212.00					No 2	511	5.712	2,919	72,634	34.261	142.141
TOTAL BYP	229	212.00	0			13,768				2,919	72,634	34.261	
Citrus County													
		637,562.00					Gas	4,161,105	1.032	4,294,260	20,262,841	3.178	4.870

A-4 System Net Generation and Fuel Cost Report

Report Period : 2/1/2021 to 2/1/2021

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC.	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
TOTAL CCCC	1,884	637,562.00	50			6,735				4,294,260	20,262,841	3.178	
Debary Peaker													
		13,048.61					No 2	29,732	5.768	171,488	3,394,740	26.016	114.178
		5,890.39					Gas	75,085	1.031	77,413	380,746	6.464	5.071
TOTAL DEP	707	18,939.00	4			13,142				248,900	3,775,487	19.935	
Hines Energy													
		768,133.00					Gas	5,513,692	1.025	5,651,534	24,225,526	3.154	4.394
TOTAL HEP	2,167	768,133.00	53			7,357				5,651,534	24,225,526	3.154	
Intercession City Peaker													
		6,109.00					No 2	14,143	5.712	80,785	1,396,448	22.859	98.738
		25,609.49					Gas	329,113	1.029	338,657	1,408,776	5.501	4.281
TOTAL ICP	1,198	31,718.00	4			13,224				419,442	2,805,224	8.844	
Osprey													
		45,670.00					Gas	326,793	1.027	335,616	1,402,560	3.071	4.292
TOTAL OSP	569	45,670.00	12			7,349				335,616	1,402,560	3.071	
Suwannee Peaker													
		652.58					No 2	1,538	5.817	8,947	141,446	21.675	91.968
		4,235.22					Gas	56,591	1.026	58,062	285,277	6.736	5.041
TOTAL SRP	203	4,888.00	4			13,709				67,009	426,723	8.730	
Tiger Bay Cogen													
		5,587.00					Gas	60,100	1.031	61,963	257,592	4.611	4.286
TOTAL TBP	224	5,587.00	4			11,091				61,963	257,592	4.611	
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		31,968.10					Gas	301,262	1.030	310,300	1,418,601	4.438	4.709
TOTAL UFP	50	31,968.00	95			9,707				310,300	1,418,601	4.438	
TOTAL Gas Turbine	8,497	1,955,415.00				7,527				14,719,086	69,378,202	3.548	
SYSTEM TOTAL	10,615	2,541,294.11				7,901				20,077,566	89,669,082	3.529	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 2/1/2021

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC.	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Columbia Solar 1													
TOTAL CSF 1	75	20,681.00	19			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1	74	21,094.00	20			0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	19,466.00	18			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	13,652.00	21			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	1,011.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	988.00	14			0				0	0	0.000	
Santa Fe Solar Facility													
TOTAL Unit 1		0.00				0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	2,136.00	17			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	20,840.00	20			0				0	0	0.000	
Twin Rivers Solar Facility													
TOTAL Unit 1		0.00				0				0	0	0.000	
St. Pete Pier	0.35	89.28	18			0				0	0	0.000	
TOTAL Solar	362	99,957.28				0				0	0	0.000	
Steam													
Anclote													
		20,251.00					Gas	229,300	1.028	235,720	1,158,532	5.721	5.052
TOTAL UNIT 1	521	20,251.00	3			11,640				235,720	1,158,532	5.721	
		193,062.00					Gas	2,201,372	1.028	2,263,010	11,139,955	5.770	5.060
TOTAL UNIT 2	514	193,062.00	27			11,722				2,263,010	11,139,955	5.770	
Crystal River 4 & 5													
		0.00					No 2	1,417	5.735	8,127	243,679	0.000	171.969
TOTAL UNIT 4		0.00				0				8,127	243,679	0.000	
		652,575.00					Coal	289,655	22.286	6,455,345	21,612,267	3.312	74.614
		0.00					No 2	3,860	5.735	22,138	664,585	0.000	172.172
TOTAL UNIT 5	721	652,575.00	64			9,926				6,477,484	22,276,852	3.414	
TOTAL Steam	1,756	865,888.00				10,376				8,984,341	34,819,018	4.000	
Gas Turbine													
Bartow Combined Cycle													
		776,745.00					Gas	6,123,439	1.022	6,258,155	24,362,576	3.136	3.979
TOTAL BCC	1,259	776,745.00	44			8,057				6,258,155	24,362,576	3.136	
Bartow Peaker													
		4,420.01					No 2	10,841	5.712	61,924	1,127,909	25.518	104.041
		1,503.99					Gas	20,501	1.028	21,071	103,580	6.887	5.052
TOTAL BAP	223	5,924.00	2			14,010				82,995	1,231,489	20.788	
Bayboro Peaker													
		261.00					No 2	733	5.712	4,187	103,762	39.755	141.557
TOTAL BYP	238	261.00	0			16,042				4,187	103,762	39.755	
Citrus County													

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2021 to 2/1/2021

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC.	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
TOTAL CCCC	1,884	1,774,568.00	67			6,769	Gas	11,654,739	1.031	12,012,703	52,619,200	2.965	4.515
Debary Peaker													
		13,112.66					No 2	30,253	5.768	174,493	3,454,227	26.343	114.178
		9,409.34					Gas	121,537	1.030	125,212	616,100	6.548	5.069
TOTAL DEP	707	22,522.00	2			13,307				299,704	4,070,327	18.073	
Hines Energy													
TOTAL HEP	2,167	1,570,485.00	51			7,306	Gas	11,205,981	1.024	11,474,746	47,170,634	3.004	4.209
Intercession City Peaker													
		7,857.25					No 2	18,173	5.712	103,804	1,794,379	22.837	98.739
		38,112.73					Gas	489,172	1.029	503,518	2,003,426	5.257	4.096
TOTAL ICP	1,198	45,970.00	3			13,211				607,322	3,797,805	8.261	
Osprey													
TOTAL OSP	569	336,027.00	42			7,156	Gas	2,351,160	1.023	2,404,519	8,855,373	2.635	3.766
Suwannee Peaker													
		772.64					No 2	1,802	5.817	10,482	165,726	21.449	91.968
		7,683.56					Gas	100,993	1.032	104,240	523,672	6.815	5.185
TOTAL SRP	203	8,456.00	3			13,567				114,723	689,397	8.153	
Tiger Bay Cogen													
TOTAL TBP	224	5,587.00	2			11,091	Gas	60,100	1.031	61,963	257,952	4.617	4.292
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		61,933.40					Gas	608,526	1.029	626,167	2,821,945	4.556	4.637
TOTAL UFP	50	61,933.00	87			10,110				626,167	2,821,945	4.556	
TOTAL Gas Turbine	8,722	4,608,479.00				7,366				33,947,185	145,980,459	3.168	
SYSTEM TOTAL	10,840	5,574,323.86				7,702				42,931,526	180,799,478	3.243	

A-5 System Generation Fuel Cost Report

Report Period : 2/1/2021 to 2/1/2021

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)	4,279	8,349	(4,070)	(48.7%)
20 - UNIT COST (\$/BBL)	183.11	115.41	67.70	58.7%
21 - AMOUNT (\$)	783,541	963,575	(180,034)	(18.7%)
22 - BURNED				
23 - UNITS (BBL)	57,675	8,349	49,326	590.8%
24 - UNIT COST (\$/BBL)	109.07	115.41	(6.34)	(5.5%)
25 - AMOUNT (\$)	6,290,454	963,575	5,326,879	552.8%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	471,453	586,874	(115,421)	(19.7%)
31 - UNIT COST (\$/BBL)	109.50	108.36	1.14	1.1%
32 - AMOUNT (\$)	51,622,091	63,592,212	(11,970,121)	(18.8%)
33 -				
34 - DAYS SUPPLY	229	2,109	(1,880)	(89.1%)

A-5 System Generation Fuel Cost Report

Report Period : 2/1/2021 to 2/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	112,534	231,478	(118,944)	(51.4%)
37 - UNIT COST (\$/TON)	69.34	67.53	1.82	2.7%
38 - AMOUNT (\$)	7,803,156	15,630,604	(7,827,448)	(50.1%)
39 - BURNED				
40 - UNITS (TON)	176,141	231,478	(55,337)	(23.9%)
41 - UNIT COST (\$/TON)	74.26	67.53	6.73	10.0%
42 - AMOUNT (\$)	13,079,895	15,630,604	(2,550,709)	(16.3%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	546,093	520,729	25,364	4.9%
48 - UNIT COST (\$/TON)	74.26	86.03	(11.77)	(13.7%)
49 - AMOUNT (\$)	40,551,828	44,798,943	(4,247,115)	(9.5%)
50 -				
51 - DAYS SUPPLY	87	67	19	28.6%
GAS				
52 - BURNED				
53 - UNITS (MCF)	15,414,666	13,729,739	1,684,927	12.3%
54 - UNIT COST (\$/MCF)	4.56	4.98	(0.42)	(8.5%)
55 - AMOUNT (\$)	70,298,733	68,441,822	1,856,911	2.7%
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2021 to 2/1/2021

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)	7,139	17,480	(10,341)	(59.2%)
20 - UNIT COST (\$/BBL)	181.22	113.17	68.05	60.1%
21 - AMOUNT (\$)	1,293,718	1,978,197	(684,479)	(34.6%)
22 - BURNED				
23 - UNITS (BBL)	67,079	17,480	49,599	283.7%
24 - UNIT COST (\$/BBL)	112.62	113.17	(0.55)	(0.5%)
25 - AMOUNT (\$)	7,554,266	1,978,197	5,576,069	281.9%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	471,453	586,874	(115,421)	(19.7%)
31 - UNIT COST (\$/BBL)	109.50	108.36	1.14	1.1%
32 - AMOUNT (\$)	51,622,091	63,592,212	(11,970,121)	(18.8%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2021 to 2/1/2021

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	281,611	509,180	(227,569)	(44.7%)
37 - UNIT COST (\$/TON)	78.50	68.92	9.57	13.9%
38 - AMOUNT (\$)	22,105,570	35,094,111	(12,988,541)	(37.0%)
39 - BURNED				
40 - UNITS (TON)	289,655	509,180	(219,525)	(43.1%)
41 - UNIT COST (\$/TON)	74.61	68.92	5.69	8.3%
42 - AMOUNT (\$)	21,612,267	35,094,111	(13,481,844)	(38.4%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	546,093	520,729	25,364	4.9%
48 - UNIT COST (\$/TON)	74.26	86.03	(11.77)	(13.7%)
49 - AMOUNT (\$)	40,551,828	44,798,943	(4,247,115)	(9.5%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	35,166,820	29,025,582	6,141,238	21.2%
54 - UNIT COST (\$/MCF)	4.31	4.99	(0.68)	(13.6%)
55 - AMOUNT (\$)	151,632,945	144,836,095	6,796,850	4.7%
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

Duke Energy Florida, LLC.
Schedule A6
Power Sold for the Month of
February 2021

(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		22,218		22,218	3	4.06	720,014	902,588	182,574
ACTUAL									
Exelon Generation Company, LLC	InternationalSwapsDe	200		200	3.544	4.720	7,088.18	9,439.51	2,351.33
Macquarie Energy LLC		4,869		4,869	5.633	6.399	274,289.80	311,552.67	37,262.87
Reedy Creek Improvement District	CR-1	3,585		3,585	1.974	2.332	70,778.10	83,592.60	12,814.50
The Energy Authority	Schedule OS	1,600		1,600	1.750	2.369	27,992.00	37,904.00	9,912.00
Adjustments									
Tampa Electric		0						19,159.51	19,159.51
Subtotal - Gain on Other Power Sales		10,254	-	10,254	3.707	4.502	380,148.08	461,648.29	81,500.21
CURRENT MONTH TOTAL		10,254		10,254	3.707	4.502	380,148.08	461,648.29	81,500.21
DIFFERENCE		(11,964)		(11,964)	0.467	0.440	(339,865.92)	(440,939.71)	(101,073.79)
DIFFERENCE %		(54)		(54)	14.397	10.822	(47.20)	(48.85)	(55.36)
CUMULATIVE ACTUAL		31,209		31,209	2.457	3.192	766,822.18	996,248.89	229,426.71
CUMULATIVE ESTIMATED		62,272		62,272	3.433	4.304	2,137,830.00	2,679,920.00	542,090.00
DIFFERENCE		(31,063)		(31,063)	(0.976)	(1.111)	(1,371,007.82)	(1,683,671.11)	(312,663.29)
DIFFERENCE %		(50)		(50)	(28.430)	(25.825)	(64.13)	(62.83)	(57.68)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
FEBRUARY, 2021

(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		5,938	-	-	5,938	4.699	4.699	279,050.00	279,050.00
ACTUAL									
Shady Hills Power Company, LLC	TOLL	4,211			4,211	0.864	0.864	36,365.45	36,365.45
Southern Power Company	Franklin	29,471			29,471	4.197	4.197	1,236,916.38	1,236,916.38
Vandolah Power Co. LLC (Northern Star)	TOLL	49,986			49,986	4.647	4.647	2,322,956.95	2,322,956.95
ADJUSTMENTS									
Shady Hills Power Company, LLC	TOLL					-	-	-	-
Southern Power Company	Franklin					-	-	48.81	48.81
Vandolah Power Co. LLC (Northern Star)	TOLL	(4)			(4)	(63.566)	(63.566)	2,542.63	2,542.63
CURRENT MONTH TOTAL		83,664			83,664	4.302	4.302	3,598,830.22	3,598,830.22
DIFFERENCE		77,726			77,726	4.271	4.271	3,319,780.22	3,319,780.22
DIFFERENCE %		1,309			1,309	90.887	90.887	1,189.67	1,189.67
CUMULATIVE ACTUAL		98,036			98,036	4.791	4.791	4,696,905.86	4,696,905.86
CUMULATIVE ESTIMATED		17,750			17,750	4.444	4.444	788,862.00	788,862.00
DIFFERENCE		80,286			80,286	0.347	0.347	3,908,043.86	3,908,043.86
DIFFERENCE %		452			452	7.801	7.801	495.40	495.40

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
FEBRUARY, 2021

(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		208,275	-	-	208,275	3.622	17.370	7,542,953.79
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	- (2)			- (2)	0.000	0.000	- (39.54)
Lake County (LAKCOUNT) ADJ	CO-GEN	336			336	2.340	2.340	7,863.79 (1,100.47)
Lee County (LEECOGAS) ADJ	CO-GEN	2,786			2,786	1.373	1.373	38,251.78
Metro-Dade County (METRDDAS) ADJ	CO-GEN	2,153			2,153	1.909	1.909	41,100.77
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,289			1,289	2.404	2.404	30,983.58 (3,013.22)
Orange Cogen (ORANGECO) ADJ	CO-GEN	27,817			27,817	3.685	25.948	1,024,942.01 (3,087.30)
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	80,759			80,759	5.118	12.888	4,132,943.44 49,503.78
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	15,469			15,469	2.276	17.003	352,112.87 (6,257.06)
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	47 (16)			47 (16)	0.203	0.203	94.93 (1,430.07)
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	40,256			40,256	2.262	15.725	910,451.96 (18,064.29)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	32,379			32,379	2.442	28.550	790,601.10 (44,614.89)
CURRENT MONTH TOTAL		203,273			203,273	3.59	17.68	7,301,243.18
DIFFERENCE		(5,001)			(5,001)	(0.03)	0.312	(241,710.61)
DIFFERENCE %		(2.40)			(2.40)	(0.82)	1.80	(3.20)
CUMULATIVE ACTUAL		411,051			411,051	3.613	17.545	14,849,397.52
CUMULATIVE ESTIMATED		460,290			460,290	3.640	16.083	16,755,811.28
CUMULATIVE DIFFERENCE		(49,238)			(49,238)	(0.028)	1.463	(1,906,413.76)
CUMULATIVE DIFFERENCE %		(10.70)			(11)	(0.76)	9.09	(11.38)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
FEBRUARY, 2021

(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		2,485.80	3.839	95,430.00	4.307	107,063.00	11,633.00
ACTUAL:							
SubTotal - Energy Purchases (Broker)							
SEPA	Hydro	1,877	3.448	\$64,734.23	3.448	\$64,734.23	\$0.00
EDF Trading North America, LLC		158	4.000	\$6,320.00	6.041	9,544.78	\$3,224.78
Exelon Generation Company, LLC	InternationalSwapsDe	4,636	3.616	\$167,634.00	5.706	\$264,543.82	\$96,909.82
Florida Power & Light Company		3,700	3.389	\$125,400.00	5.390	\$199,443.00	\$74,043.00
Orlando Utilities Commission	Schedule OS	525	3.650	\$19,162.50	4.452	\$23,373.00	\$4,210.50
Seminole Electric Cooperative, Inc.	Transmission Purchase	-	0.000	\$1,217.70	0.000	\$0.00	(\$1,217.70)
Southern Company Services, Inc.	EEl	7,288	5.741	\$418,398.00	7.547	550,005.40	\$131,607.40
The Energy Authority	EEl	1,400	9.000	\$126,000.00	9.691	\$135,674.00	\$9,674.00
ADJUSTMENTS							
PJM Settlements				\$3.98			(\$3.98)
Sothern Company Services	Transmission			(\$0.16)			\$0.16
SubTotal - Energy Purchases (Non-Broker)							
		19,584	4.743	928,870.25	6.369	1,247,318.23	318,447.98
CURRENT MONTH TOTAL							
		19,584	4.743	928,870.25	6.369	1,247,318.23	318,447.98
DIFFERENCE							
		17,099	0.904	833,440.25	2.062	1,140,255.23	306,814.98
DIFFERENCE %							
		688	23.545	873.35	47.875	1,065.03	2,637.45
CUMULATIVE ACTUAL							
		35,757	4.112	1,470,326.56	5.210	1,862,924.35	392,597.79
CUMULATIVE ESTIMATED							
		4,454	3.923	174,727.00	4.401	196,020.00	21,293.00
DIFFERENCE							
		31,303	0.189	1,295,599.56	0.809	1,666,904.35	371,304.79
DIFFERENCE %							
		703	4.815	741.50	18.376	850.37	1,743.79

