



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

March 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 February, 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 March, 2020.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

FEBRUARY 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)	65,717,824	86,395,218	(20,677,394)	(23.9)	2,569,370	2,785,137	(215,767)	(7.8)	2.5577	3.1020	(0.5443)	(17.6)
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,119,402	1,153,763	(34,361)	(3.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	66,837,226	87,548,981	(20,711,755)	(23.7)	2,569,370	2,785,137	(215,767)	(7.8)	2.6013	3.1434	(0.5421)	(17.3)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	3,137,635	1,066,887	2,070,748	194.1	72,287	27,085	45,202	166.9	4.3405	3.9390	0.4015	10.2
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)	406,521	251,357	155,164	61.7	15,915	6,761	9,153	135.4	2.5544	3.7176	(1.1632)	(31.3)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	7,093,012	9,611,794	(2,518,782)	(26.2)	207,861	238,380	(30,519)	(12.8)	3.4124	4.0321	(0.6197)	(15.4)
9 TOTAL COST OF PURCHASED POWER	10,637,168	10,930,038	(292,870)	(2.7)	296,063	272,227	23,836	8.8	3.5929	4.0150	(0.4221)	(10.5)
10 TOTAL AVAILABLE MWH					2,865,433	3,057,364	(191,931)	(6)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(82,184)	(383,926)	301,742	(78.6)	(4,431)	(13,104)	8,673	(66.2)	1.8548	2.9298	(1.0750)	(36.7)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(27,685)	(101,610)	73,925	(72.8)	(4,431)	(13,104)	8,673	(66.2)	0.6248	0.7754	(0.1506)	(19.4)
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	(1,050,002)	(3,745,252)	2,695,250	(72.0)	(54,588)	(140,498)	85,910	(61.2)	1.9235	2.6657	(0.7422)	(27.8)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,159,871)	(4,230,788)	3,070,916	(72.6)	(59,019)	(153,602)	94,583	(61.6)	1.9653	2.7544	(0.7891)	(28.7)
14 NET INADVERTENT AND WHEELED INTERCHANGE					23,624	0	23,624					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	76,314,523	94,248,232	(17,933,709)	(19.0)	2,830,038	2,903,762	(73,724)	(2.5)	2.6966	3.2457	(0.5491)	(16.9)
16 NET UNBILLED	(4,286,163)	(4,788,566)	502,403	(10.5)	158,948	147,534	11,413	7.7	(0.1600)	(0.1673)	0.0073	(4.4)
17 COMPANY USE	277,120	482,372	(205,252)	(42.6)	(10,277)	(14,862)	4,585	(30.9)	0.0103	0.0169	(0.0066)	(39.1)
18 T & D LOSSES	8,068,131	5,664,306	2,403,825	42.4	(299,198)	(174,516)	(124,682)	71.4	0.3011	0.1979	0.1032	52.2
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	76,314,523	94,248,232	(17,933,709)	(19.0)	2,679,511	2,861,919	(182,408)	(6.4)	2.8481	3.2932	(0.4451)	(13.5)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(526,570)	(348,718)	(177,852)	51.0	(18,358)	(10,610)	(7,749)	73.0	2.8683	3.2869	(0.4186)	(12.7)
21 JURISDICTIONAL KWH SALES	75,787,953	93,899,514	(18,111,561)	(19.3)	2,661,153	2,851,309	(190,157)	(6.7)	2.8479	3.2932	(0.4453)	(13.5)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034	75,811,447	93,931,440	(18,119,993)	(19.3)	2,661,153	2,851,309	(190,157)	(6.7)	2.8488	3.2943	(0.4455)	(13.5)
23 PRIOR PERIOD TRUE-UP	1,205,224	1,205,224	(0)	0.0	2,661,153	2,851,309	(190,157)	(6.7)	0.0453	0.0423	0.0030	7.1
24 TOTAL JURISDICTIONAL FUEL COST	77,016,671	95,136,664	(18,119,993)	(19.1)	2,661,153	2,851,309	(190,157)	(6.7)	2.8941	3.3366	(0.4425)	(13.3)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.8962	3.3390	(0.4428)	(13.3)
27 GPIF	215,975	215,975			2,661,153	2,851,309			0.0081	0.0076	0.0005	6.6
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.904	3.347	(0.442)	(13.2)

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

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - FEBRUARY 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)	140,710,125	181,603,270	(40,893,145)	(22.5)	5,372,843	5,872,918	(500,075)	(8.5)	2.6189	3.0922	(0.4733)	(15.3)
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	(10,891,760)	(10,879,420)	(12,340)	0.1	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	129,818,365	170,723,850	(40,905,486)	(24.0)	5,372,843	5,872,918	(500,075)	(8.5)	2.4162	2.9070	(0.4908)	(16.9)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	4,914,767	2,171,340	2,743,427	126.4	127,678	56,189	71,489	127.2	3.8493	3.8643	(0.0150)	(0.4)
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	550,280	483,622	66,658	13.8	20,679	12,652	8,028	63.5	2.6611	3.8226	(1.1615)	(30.4)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	14,412,425	19,933,234	(5,520,809)	(27.7)	425,722	493,201	(67,478)	(13.7)	3.3854	4.0416	(0.6562)	(16.2)
9 TOTAL COST OF PURCHASED POWER	19,877,472	22,588,196	(2,710,724)	(12.0)	574,080	562,042	12,038	2.1	3.4625	4.0190	(0.5565)	(13.9)
10 TOTAL AVAILABLE MWH					5,946,923	6,434,960	(488,037)	(7.6)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(147,212)	(1,352,290)	1,205,078	(89.1)	(8,886)	(39,276)	30,390	(77.4)	1.6567	3.4430	(1.7863)	(51.9)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(41,682)	(357,900)	316,218	(88.4)	(8,886)	(39,276)	30,390	(77.4)	0.4691	0.9112	(0.4421)	(48.5)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(2,076,794)	(8,450,323)	6,373,529	(75.4)	(105,987)	(319,440)	213,453	(66.8)	1.9595	2.6454	(0.6859)	(25.9)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,265,689)	(10,160,513)	7,894,824	(77.7)	(114,873)	(358,716)	243,843	(68.0)	1.9723	2.8325	(0.8602)	(30.4)
14 NET INADVERTENT AND WHEELED INTERCHANGE					33,592	0	33,592					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	147,430,148	183,151,533	(35,721,385)	(19.5)	5,865,642	6,076,244	(210,602)	(3.5)	2.5135	3.0142	(0.5007)	(16.6)
16 NET UNBILLED	(2,473,477)	(7,549,786)	5,076,309	(67.2)	81,572	246,068	(164,495)	(66.9)	(0.0464)	(0.1275)	0.0811	(63.6)
17 COMPANY USE	531,176	1,015,885	(484,709)	(47.7)	(21,121)	(33,900)	12,779	(37.7)	0.0100	0.0172	(0.0072)	(41.9)
18 T & D LOSSES	14,929,170	11,002,694	3,926,476	35.7	(592,064)	(365,014)	(227,050)	62.2	0.2799	0.1857	0.0942	50.7
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	147,430,148	183,151,533	(35,721,385)	(19.5)	5,334,028	5,923,397	(589,369)	(10.0)	2.7640	3.0920	(0.3280)	(10.6)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(910,595)	(775,454)	(135,140)	17.4	(32,785)	(25,154)	(7,630)	30.3	2.7775	3.0828	(0.3053)	(9.9)
21 JURISDICTIONAL KWH SALES	146,519,554	182,376,079	(35,856,525)	(19.7)	5,301,244	5,898,243	(596,999)	(10.1)	2.7639	3.0920	(0.3281)	(10.6)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00034	146,567,097	182,438,087	(35,870,990)	(19.7)	5,301,244	5,898,243	(596,999)	(10.1)	2.7648	3.0931	(0.3283)	(10.6)
23 PRIOR PERIOD TRUE-UP	2,410,447	2,410,448	(1)	0.0	5,301,244	5,898,243	(596,999)	(10.1)	0.0455	0.0409	0.0046	11.3
24 TOTAL JURISDICTIONAL FUEL COST	148,977,544	184,848,535	(35,870,991)	(19.4)	5,301,244	5,898,243	(596,999)	(10.1)	2.8103	3.1340	(0.3237)	(10.3)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.8123	3.1363	(0.3239)	(10.3)
27 GPIF	431,950	431,950			5,301,244	5,898,243			0.0081	0.0073	0.0008	90.1
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.820	3.144	(0.323)	(10.3)

*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 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	\$65,717,824	86,395,218	(\$20,677,394)	(23.9)	\$140,710,125	\$181,603,270	(\$40,893,145)	(22.5)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(82,184)	(383,926)	301,742	(78.6)	(147,212)	(1,352,290)	1,205,078	(89.1)
2a. GAIN ON POWER SALES	(27,685)	(101,610)	73,925	(72.8)	(41,682)	(357,900)	316,218	(88.4)
3 . FUEL COST OF PURCHASED POWER	3,137,635	1,066,887	2,070,748	194.1	4,914,767	2,171,340	2,743,427	126.4
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,093,012	9,611,794	(2,518,782)	(26.2)	14,412,425	19,933,234	(5,520,809)	(27.7)
4 . ENERGY COST OF ECONOMY PURCHASES	406,521	251,357	155,164	61.7	550,280	483,622	66,658	13.8
5 . TOTAL FUEL & NET POWER TRANSACTIONS	76,245,122	96,839,720	(20,594,598)	(21.3)	160,398,703	202,481,276	(42,082,573)	(20.8)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,050,002)	(3,745,252)	2,695,250	(72.0)	(2,076,794)	(8,450,323)	6,373,529	(75.4)
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,119,402	1,153,763	(34,361)	(3.0)	(10,891,760)	(10,879,420)	(12,340)	0.1
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$76,314,523	\$94,248,232	(\$17,933,709)	(19.0)	\$147,430,148	\$183,151,533	(\$35,721,385)	(19.5)

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)	690	0	690	1,230	0	1,230	0
FPD AGREEMENT TERMINATION	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	1,152,540	0	1,152,540	2,306,850	0	2,306,850	0
RAIL CAR SALE PROCEEDS	0	0	0	0	0	0	0
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0	(13,309,268)	0	(13,309,268)	0
NET METER SETTLEMENT	(33,827)	0	(33,827)	125,131	0	125,131	0
2019 ADJUSTMENT: GAIN ON TOTAL POWER SALES - 20% (SCH A6) **	0	0	0	(15,703)	0	(15,703)	0
Derivative Collateral Interest	0	0	0	0	0	0	0
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,119,402	\$0	\$1,119,402	(\$10,891,760)	\$0	(\$10,891,760)	

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

B. KWH SALES

1 . JURISDICTIONAL SALES	2,661,152,429	2,851,309,298	(190,156,869)	(6.7)	5,301,242,854	5,898,242,974	(597,000,120)	(10.1)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	18,358,276	10,609,501	7,748,775	73.0	32,784,728	25,154,359	7,630,369	30.3
3 . TOTAL SALES	2,679,510,705	2,861,918,798	(182,408,093)	(6.4)	5,334,027,582	5,923,397,333	(589,369,751)	(10.0)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.31	99.63	(0.32)	(0.3)	99.39	99.58	(0.19)	(0.2)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$86,669,575	\$95,307,674	(\$8,638,100)	(9.1)	\$172,638,138	\$197,154,276	(\$24,516,138)	(12.4)
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	(2,410,447)	(2,410,448)	1	0.0
2b. INCENTIVE PROVISION	(215,975)	(215,975)	0	0.0	(431,950)	(431,950)	1	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	85,248,376	93,886,475	(8,638,099)	(9.2)	169,795,742	194,311,878	(24,516,137)	(12.6)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	76,314,523	94,248,232	(17,933,709)	(19.0)	147,430,148	183,151,533	(35,721,385)	(19.5)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.31	99.63	(0.32)	(0.3)	99.39	99.58	(0.19)	(0.2)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00034 LOSS MULTIPLIER)	75,811,447	93,931,440	(18,119,993)	(19.3)	146,567,097	182,438,087	(35,870,990)	(19.7)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	9,436,929	(44,964)	9,481,894	(21,087.7)	23,228,645	11,873,792	11,354,853	95.6
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(20,905)	(1,450)	(19,456)	1,342.0	(59,380)	(16,863)	(42,516)	252.1
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(21,039,449)	(1,354,117)	(19,685,332)	1,453.7	(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	2,410,447	2,410,448	(1)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(10,418,201)	(195,307)	(10,222,894)	5,234.3	(10,418,201)	(195,307)	(10,222,894)	5,234.3
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$10,418,201)	(195,307)	(10,222,894)	5,234.3	(\$10,418,201)	(195,307)	(10,222,894)	5,234.3
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$21,039,449)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(10,397,296)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(31,436,745)	N/A	--	--		NOT		
4. AVERAGE TRUE UP (50% OF LINE D3)	(15,718,372)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.640	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.560	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	3.200	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.600	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.133	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$20,905)	N/A	--	--				

A-3 Generating System Comparative Data Report

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>
NET GENERATION (\$)				
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 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	1,685	16	1,669	10431.3 %
11 - COAL	0	7,660	(7,660)	(100.0 %)
12 - GAS	2,536,375	2,738,525	(202,150)	(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 %)
UNITS OF FUEL BURNED				
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)	18,626,733	19,239,554	(612,821)	(3.2 %)
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	26,645	1,566	25,079	1601.5 %
26 - COAL	0	81,336	(81,336)	(100.0 %)
27 - GAS	19,106,674	19,239,554	(132,880)	(0.7 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	19,133,320	19,322,456	(189,136)	(1.0 %)
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.00	0.1	10830.8 %
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	(0.20)	(14.3 %)
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 : 2/1/2020 to 2/1/2020

Duke Energy Florida, LLC

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)	3.50	4.31	(0.81)	(18.8 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY 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	3.41	4.31	(0.90)	(20.9 %)
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)	3.43	4.47	(1.04)	(23.2 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	16,525	97,875	(81,350)	(83.1 %)
57 - COAL	0.00	10,618	(10,618)	(100.0 %)
58 - GAS	7,533	7,026	507	7.2 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,447	6,938	509	7.3 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	31.28	678.76	(647.48)	(95.4 %)
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

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>
NET GENERATION (\$)				
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 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	2,681	47	2,634	5603.3 %
11 - COAL	0	85,492	(85,492)	(100.0 %)
12 - GAS	5,308,966	5,713,451	(404,485)	(7.1 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	45,230	73,929	(28,699)	(38.8 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	5,356,877	5,872,919	(516,042)	(8.8 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	6,411	347	6,064	1747.6 %
19 - COAL (TON)	0	37,854	(37,854)	(100.0 %)
20 - GAS (MCF)	38,370,809	40,117,218	(1,746,409)	(4.4 %)
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 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	39,340,137	40,117,218	(777,081)	(1.9 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	39,377,117	41,010,058	(1,632,941)	(4.0 %)
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.00	0.0	6152.7 %
34 - COAL	0.0	1.46	(1.5)	(100.0 %)
35 - GAS	99.1	97.28	1.8	1.9 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	0.8	1.26	(0.4)	(31.8 %)
38	0	0	0	0

A-3 Generating System Comparative Data Report

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

Duke Energy Florida, LLC

39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	110.36	578.44	(468.08)	(80.9 %)
42 - COAL (\$/TON)	0.00	234.05	(234.05)	(100.0 %)
43 - GAS (\$/MCF)	3.65	4.30	(0.65)	(15.2 %)
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 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
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	3.56	4.30	(0.74)	(17.3 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	3.57	4.43	(0.85)	(19.3 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	13,796	42,957	(29,162)	(67.9 %)
57 - COAL	0.00	10,420	(10,420)	(100.0 %)
58 - GAS	7,410	7,022	389	5.5 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,351	6,983	368	5.3 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	26.39	427.06	(400.67)	(93.8 %)
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)	2.63	3.09	(0.47)	(15.1 %)

A-4 System Net Generation and Fuel Cost Report

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 (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	11,960.00	23			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	5,590.00	18			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	537.00	19			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	609.00	18			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,324.00	21			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	11,290.00	22			0				0	0	0.000	
TOTAL Solar	213	31,310.00				0				0	0	0.000	
Steam													
Anclote													
		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	
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	119,462.00				11,288				1,348,440	4,937,091	4.000	
Gas Turbine													
Bartow Combined Cycle													
TOTAL BCC	1,308	552,497.00	61			7,759	Gas	4,190,398	1.023	4,286,773	12,818,778	2.320	3.059
		552,497.00								4,286,773	12,818,778	2.320	
Bartow Peaker													
		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	
Bayboro Peaker													
TOTAL BYP	178	67.70	0			54,083	No 2	641	5.712	3,661	89,583	132.324	139.756
		68.00								3,661	89,583	132.324	
Citrus County													
TOTAL CCCC	1,884	811,242.00	62			6,787	Gas	5,345,542	1.030	5,505,906	21,907,311	2.700	4.098
		811,242.00								5,505,906	21,907,311	2.700	

A-4 System Net Generation and Fuel Cost Report

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 (\$)
Debary Peaker													
		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	
Hines Energy													
		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	
Intercession City Peaker													
		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	
Osprey													
		14,620.00					Gas	108,291	1.022	110,674	332,358	2.273	3.069
TOTAL OSP	420	14,620.00	5			7,571				110,674	332,358	2.273	
Suwannee Peaker													
		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	
Tiger Bay Cogen													
		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	
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		30,336.40					Gas	239,843	1.026	246,079	992,049	3.270	4.136
TOTAL UFP	43	30,336.00	101			8,112				246,079	992,049	3.270	
TOTAL Gas Turbine	8,237	2,418,597.00				7,353				17,784,880	60,780,733	2.513	
SYSTEM	9,485	2,569,370.25				7,447				19,133,320	65,717,824	2.558	

A-4 System Net Generation and Fuel Cost Report

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 (\$)
Solar													
Hamilton Solar Facility													
TOTAL HSF 1	75	23,486.00	22			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	5,590.00	9			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	1,044.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	1,186.00	16			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	2,634.00	20			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	11,290.00	10			0				0	0	0.000	
TOTAL Solar	213	45,230.00				0				0	0	0.000	
Steam													
Anclote													
		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	
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	221,994.00				11,521				2,557,627	10,356,027	5.000	
Gas Turbine													
Bartow Combined Cycle													
		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	
Bartow Peaker													
		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	
Bayboro Peaker													
		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	
Citrus County													
		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	
Debary Peaker													

A-4 System Net Generation and Fuel Cost Report

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 (\$)
		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	
Hines Energy													
		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	
Intercession City Peaker													
		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	
Osprey													
		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	
Suwannee Peaker													
		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	
Tiger Bay Cogen													
		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	
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		62,797.90					Gas	570,709	1.027	586,209	2,326,265	3.704	4.076
TOTAL UFP	46	62,798.00	95			9,335				586,209	2,326,265	3.704	
TOTAL Gas Turbine	8,547	5,089,524.00				7,234				36,819,490	130,354,098	2.561	
SYSTEM	9,795	5,356,747.70				7,351				39,377,117	140,710,125	2.627	

A-5 System Generation Fuel Cost Report

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>
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)	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%)
22 - BURNED				
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%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
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

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>
COAL				
35 - PURCHASES				
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%)
39 - BURNED				
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%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
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%)
GAS				
52 - BURNED				
53 - UNITS (MCF)	18,626,733	19,239,554	(612,821)	(3.2%)
54 - UNIT COST (\$/MCF)	3.50	4.31	(0.81)	(18.8%)
55 - AMOUNT (\$)	65,213,448	82,979,429	(17,765,981)	(21.4%)
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 2/1/2020

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	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%)
22 - BURNED				
23 - UNITS (BBL)	6,411	347	6,064	1747.6%
24 - UNIT COST (\$/BBL)	110.36	578.44	(468.08)	(80.9%)
25 - AMOUNT (\$)	707,496	200,719	506,777	252.5%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
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

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>
COAL				
35 - PURCHASES				
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%
39 - BURNED				
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%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
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%
GAS				
52 - BURNED				
53 - UNITS (MCF)	38,370,809	40,117,218	(1,746,409)	(4.4%)
54 - UNIT COST (\$/MCF)	3.65	4.30	(0.65)	(15.2%)
55 - AMOUNT (\$)	140,002,629	172,542,758	(32,540,129)	(18.9%)
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 2020

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
ESTIMATED		13,104		13,104	3	3.71	383,926	485,536	101,610
ACTUAL									
Florida Municipal Power Agency	CR-1	640	0	640	1.427	2.221	9,132.80	14,212.40	5,079.60
Reedy Creek Improvement District	CR-1	1,420	0	1,420	1.266	1.655	17,973.25	23,498.50	5,525.25
Southern Company Services, Inc.	EEI	1,421	0	1,421	1.320	2.971	18,753.94	42,222.33	23,468.39
Tampa Electric Company	CR-1	950	0	950	3.824	3.151	36,324.36	29,936.32	(6,388.04)
Adjustments									
Subtotal - Gain on Other Power Sales		4,431	0	4,431	1.855	2.480	82,184.35	109,869.55	27,685.20
CURRENT MONTH TOTAL		4,431		4,431	1.855	2.480	82,184.35	109,869.55	27,685.20
DIFFERENCE		(8,673)		(8,673)	(1.075)	(1.225)	(301,741.65)	(375,666.45)	(73,924.80)
DIFFERENCE %		(66)		(66)	(36.698)	(33.075)	(78.59)	(77.37)	(72.75)
CUMULATIVE ACTUAL		8,886		8,886	1.657	2.126	147,212.11	188,894.41	41,682.30
CUMULATIVE ESTIMATED		39,276		39,276	3.443	4.354	1,352,290.00	1,710,190.00	357,900.00
DIFFERENCE		(30,390)		(30,390)	(1.786)	(2.229)	(1,205,077.89)	(1,521,295.59)	(316,217.70)
DIFFERENCE %		(77)		(77)	(51.883)	(51.180)	(89.11)	(88.95)	(88.35)

DUKE ENERGY FLORIDA, LLC.
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
FEBRUARY, 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		27,085	-	-	27,085	3.939	3.939	1,066,887	1,066,887
ACTUAL									
Shady Hills Power Company, LLC	TOLL	1,843			1,843	6.764	6.764	124,666.68	124,666.68
Southern Power Company	Franklin	45,564			45,564	3.451	3.451	1,572,193.29	1,572,193.29
Vandolah Power Co. LLC (Northern Star)	TOLL	24,877			24,877	4.843	4.843	1,204,787.92	1,204,787.92
ADJUSTMENTS									
Vandolah Power Co. LLC (Northern Star)	TOLL	-			-	-	-	(3,566.30)	(3,566.30)
Shady Hills Power Company, LLC	TOLL	3			3	(9.320)	(9.320)	(279.59)	(279.59)
Southern Power Company	Franklin	-			-	-	-	239,833.13	239,833.13
CURRENT MONTH TOTAL		72,287			72,287	4.341	4.341	3,137,635.13	3,137,635.13
DIFFERENCE		45,202			45,202	4.581	4.581	2,070,748.13	2,070,748.13
DIFFERENCE %		167			167	116.301	116.301	194.09	194.09
CUMULATIVE ACTUAL		127,678			127,678.00	3.849	3.849	4,914,767.38	4,914,767.38
CUMULATIVE ESTIMATED		56,189			56,189.0	3.864	3.864	2,171,340.00	2,171,340.00
DIFFERENCE		71,489			71,489.000	(0.015)	(0.015)	2,743,427.38	2,743,427.38
DIFFERENCE %		127			127	(0.388)	(0.388)	126.35	126.35

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
FEBRUARY, 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		238,380	-	-	238,380	4.032	15.425	9,611,794.46
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	14 (26)			14 (26)	1.792	1.792	257.54 (588.64)
Florida Power Development (FCRUSHAS) ADJ	CO-GEN	-			-	0.000	0.000	-
Florida Power Development (FLACRUSH) ADJ	CO-GEN	-			-	0.000	0.000	-
Lake County (LAKCOUNT) ADJ	CO-GEN	619			619	1.781	1.781	11,023.18 (1,509.20)
Lee County (LEECOGAS) ADJ	CO-GEN	-			-	0.000	0.000	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	314			314	0.000	0.000	(2,641.19)
Metro-Dade County (METRDDAS) ADJ	CO-GEN	-			-	0.000	0.000	-
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,731			1,731	1.860	1.860	32,201.07 (3,099.30)
Orange Cogen (ORANGECO) ADJ	CO-GEN	30,686			30,686	3.991	23.124	1,224,830.96 (22,460.99)
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	82,542			82,542	5.397	12.622	4,455,069.06 40,013.69
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-			-	0.000	0.000	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	16,101			16,101	1.735	14.779	279,422.70 (47,520.68)
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	98 (13)			98 (13)	1.742	1.742	1,714.38 (496.64)
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	42,825			42,825	1.735	13.423	743,173.82 (107,372.16)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	32,969			32,969	1.896	26.018	625,164.66 (134,170.17)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	-			-	0.000	#N/A	-
CURRENT MONTH TOTAL		207,861			207,861	3.41	16.48	7,093,012.08
DIFFERENCE		(30,519)			(30,519)	(0.62)	1.056	(2,518,782.38)
DIFFERENCE %		(12.80)			(12.80)	(15.37)	6.85	(26.21)
CUMULATIVE ACTUAL		425,722			425,722	3.385	16.144	14,412,425.00
CUMULATIVE ESTIMATED		493,200			493,200	4.042	15.054	19,933,233.89
CUMULATIVE DIFFERENCE		(67,478)			(67,478)	(0.656)	1.089	(5,520,808.89)
CUMULATIVE DIFFERENCE %		(13.68)			(14)	(16.24)	7.24	(27.70)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

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

(1)	(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 \$
PURCHASED FROM ESTIMATED		6,761.00	3.718	251,357.00	4.294	290,358.00	39,001.00
ACTUAL:							
SubTotal - Energy Purchases (Broker)							
SEPA	Hydro	43	3.721	\$1,586.60	3.720	\$1,586.00	\$0.00
Exelon Generation Company, LLC	InternationalSwapsDe	1,174	2.168	\$25,458.00	2.263	26,570.64	\$1,112.64
Florida Power & Light Company		8,025	2.612	\$209,625.00	3.185	\$255,557.25	\$45,932.25
Southern Company Services, Inc.	EEl	5,988	2.750	\$164,688.00	3.402	\$203,700.60	\$39,012.60
Tallahassee (City of)	Schedule OS	630	0.724	\$4,560.00	1.113	\$7,012.60	\$2,452.60
The Energy Authority	EEl	55	1.000	\$550.00	1.880	\$1,034.00	\$484.00
ADJUSTMENTS							
PJM Settlements				\$85.14			(\$85.14)
Southern Company Services	Transmission Purchase			(\$31.83)			\$31.83
SubTotal - Energy Purchases (Non-Broker)							
		15,915	2.554	406,520.91	3.113	495,461.09	88,940.78
CURRENT MONTH TOTAL							
		15,915	2.554	406,520.91	3.113	495,461.09	88,940.78
DIFFERENCE							
		9,154	(1.164)	155,163.91	(1.181)	205,103.09	49,939.78
DIFFERENCE %							
		135	(31.297)	61.73	(27.498)	70.64	128.05
CUMULATIVE ACTUAL							
		20,679	2.661	550,279.96	3.279	677,965.12	127,685.76
CUMULATIVE ESTIMATED							
		12,651	3.823	483,622.00	4.416	558,661.00	75,039.00
DIFFERENCE							
		8,028	(1.162)	66,657.96	(1.137)	119,304.12	52,646.76
DIFFERENCE %							
		63	(30.390)	13.78	(25.757)	21.36	70.16

