



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

April 17, 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 March, 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 17th day of April, 2020.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

MARCH 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)	73,293,028	87,571,762	(14,278,734)	(16.3)	3,041,455	2,773,489	267,966	9.7	2.4098	3.1575	(0.7477)	(23.7)
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	1,152,738	1,150,462	2,276	0.2	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	74,445,765	88,722,224	(14,276,459)	(16.1)	3,041,455	2,773,489	267,966	9.7	2.4477	3.1989	(0.7512)	(23.5)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	6,173,029	3,706,922	2,466,107	66.5	130,250	109,326	20,924	19.1	4.7394	3.3907	1.3487	39.8
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)	1,053,448	330,864	722,584	218.4	32,840	9,309	23,532	252.8	3.2078	3.5544	(0.3466)	(9.8)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	5,551,577	9,464,477	(3,912,900)	(41.3)	176,228	223,797	(47,569)	(21.3)	3.1502	4.2291	(1.0789)	(25.5)
9 TOTAL COST OF PURCHASED POWER	12,778,055	13,502,263	(724,208)	(5.4)	339,318	342,431	(3,113)	(0.9)	3.7658	3.9431	(0.1773)	(4.5)
10 TOTAL AVAILABLE MWH					3,380,773	3,115,920	264,853	9				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(46,687)	(150,964)	104,277	(69.1)	(3,970)	(6,029)	2,059	(34.2)	1.1760	2.5041	(1.3281)	(53.0)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(18,959)	(39,954)	20,995	(52.6)	(3,970)	(6,029)	2,059	(34.2)	0.4776	0.6627	(0.1851)	(27.9)
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	(1,246,506)	(2,144,160)	897,655	(41.9)	(136,447)	(100,365)	(36,082)	36.0	0.9135	2.1364	(1.2229)	(57.2)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,312,152)	(2,335,078)	1,022,926	(43.8)	(140,417)	(106,394)	(34,023)	32.0	0.9345	2.1948	(1.2603)	(57.4)
14 NET INADVERTENT AND WHEELED INTERCHANGE					16,750	0	16,750					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	85,911,668	99,889,408	(13,977,740)	(14.0)	3,257,106	3,009,526	247,580	8.2	2.6377	3.3191	(0.6814)	(20.5)
16 NET UNBILLED	6,973,046	2,946,343	4,026,703	136.7	(264,364)	(88,769)	(175,595)	197.8	0.2451	0.1082	0.1369	126.5
17 COMPANY USE	318,873	516,538	(197,665)	(38.3)	(12,089)	(15,563)	3,473	(22.3)	0.0112	0.0190	(0.0078)	(41.1)
18 T & D LOSSES	3,592,504	6,005,288	(2,412,784)	(40.2)	(136,200)	(180,931)	44,731	(24.7)	0.1263	0.2204	(0.0941)	(42.7)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	85,911,668	99,889,408	(13,977,740)	(14.0)	2,844,453	2,724,264	120,189	4.4	3.0203	3.6667	(0.6464)	(17.6)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(798,979)	(389,569)	(409,410)	105.1	(26,409)	(10,532)	(15,877)	150.8	3.0254	3.6990	(0.6736)	(18.2)
21 JURISDICTIONAL KWH SALES	85,112,689	99,499,839	(14,387,150)	(14.5)	2,818,044	2,713,732	104,312	3.8	3.0203	3.6665	(0.6462)	(17.6)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	85,139,074	99,533,669	(14,394,595)	(14.5)	2,818,044	2,713,732	104,312	3.8	3.0212	3.6678	(0.6466)	(17.6)
23 PRIOR PERIOD TRUE-UP	1,205,224	1,205,224	(0)	0.0	2,818,044	2,713,732	104,312	3.8	0.0428	0.0444	(0.0016)	(3.6)
24 TOTAL JURISDICTIONAL FUEL COST	86,344,298	100,738,893	(14,394,596)	(14.3)	2,818,044	2,713,732	104,312	3.8	3.0640	3.7122	(0.6482)	(17.5)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.0662	3.7149	(0.6487)	(17.5)
27 GPIF	215,975	215,975			2,818,044	2,713,732			0.0077	0.0080	(0.0003)	(3.8)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.074	3.723	(0.649)	(17.4)

*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 - MARCH 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)	214,003,152	269,175,032	(55,171,880)	(20.5)	8,414,298	8,646,409	(232,109)	(2.7)	2.5433	3.1131	(0.5698)	(18.3)
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	(9,739,022)	(9,728,958)	(10,065)	0.1	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	204,264,130	259,446,074	(55,181,944)	(21.3)	8,414,298	8,646,408	(232,109)	(2.7)	2.4276	3.0006	(0.5730)	(19.1)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	11,087,797	5,878,262	5,209,535	88.6	257,928	165,515	92,413	55.8	4.2988	3.5515	0.7473	21.0
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)	1,603,728	814,486	789,242	96.9	53,519	21,960	31,559	143.7	2.9966	3.7090	(0.7124)	(19.2)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	19,964,002	29,397,710	(9,433,708)	(32.1)	601,951	716,997	(115,047)	(16.1)	3.3166	4.1001	(0.7835)	(19.1)
9 TOTAL COST OF PURCHASED POWER	32,655,527	36,090,458	(3,434,932)	(9.5)	913,398	904,473	8,925	1.0	3.5752	3.9902	(0.4150)	(10.4)
10 TOTAL AVAILABLE MWH					9,327,696	9,550,880	(223,184)	(2.3)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(193,900)	(1,503,254)	1,309,354	(87.1)	(12,856)	(45,305)	32,449	(71.6)	1.5082	3.3181	(1.8099)	(54.6)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(60,641)	(397,854)	337,213	(84.8)	(12,856)	(45,305)	32,449	(71.6)	0.4717	0.8782	(0.4065)	(46.3)
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	(3,323,300)	(10,594,483)	7,271,183	(68.6)	(242,434)	(419,805)	177,371	(42.3)	1.3708	2.5237	(1.1529)	(45.7)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(3,577,841)	(12,495,591)	8,917,750	(71.4)	(255,290)	(465,110)	209,820	(45.1)	1.4015	2.6866	(1.2851)	(47.8)
14 NET INADVERTENT AND WHEELED INTERCHANGE					50,342	0	50,342					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	233,341,816	283,040,941	(49,699,125)	(17.6)	9,122,748	9,085,770	36,978	0.4	2.5578	3.1152	(0.5574)	(17.9)
16 NET UNBILLED	4,499,568	(4,603,443)	9,103,011	(197.7)	(182,792)	157,298	(340,090)	(216.2)	0.0550	(0.0532)	0.1082	(203.4)
17 COMPANY USE	850,049	1,532,423	(682,374)	(44.5)	(33,210)	(49,463)	16,252	(32.9)	0.0104	0.0177	(0.0073)	(41.2)
18 T & D LOSSES	18,521,674	17,007,982	1,513,692	8.9	(728,264)	(545,945)	(182,319)	33.4	0.2265	0.1967	0.0298	15.2
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	233,341,816	283,040,941	(49,699,125)	(17.6)	8,178,482	8,647,661	(469,180)	(5.4)	2.8531	3.2730	(0.4199)	(12.8)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,709,573)	(1,165,023)	(544,550)	46.7	(59,194)	(35,686)	(23,508)	65.9	2.8881	3.2646	(0.3765)	(11.5)
21 JURISDICTIONAL KWH SALES	231,632,243	281,875,918	(50,243,676)	(17.8)	8,119,288	8,611,975	(492,687)	(5.7)	2.8529	3.2731	(0.4202)	(12.8)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	231,706,171	281,971,756	(50,265,585)	(17.8)	8,119,288	8,611,975	(492,687)	(5.7)	2.8538	3.2742	(0.4204)	(12.8)
23 PRIOR PERIOD TRUE-UP	3,615,671	3,615,672	(1)	0.0	8,119,288	8,611,975	(492,687)	(5.7)	0.0445	0.0420	0.0025	6.0
24 TOTAL JURISDICTIONAL FUEL COST	235,321,842	285,587,428	(50,265,586)	(17.6)	8,119,288	8,611,975	(492,687)	(5.7)	2.8983	3.3162	(0.4179)	(12.6)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.9004	3.3186	(0.4182)	(12.6)
27 GPIF	647,924	647,925			8,119,288	8,611,975			0.0080	0.0075	0.0005	93.8
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.908	3.326	(0.418)	(12.6)

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

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
MARCH 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	\$73,293,028	87,571,762	(\$14,278,734)	(16.3)	\$214,003,152	\$269,175,032	(\$55,171,880)	(20.5)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(46,687)	(150,964)	104,277	(69.1)	(193,900)	(1,503,254)	1,309,354	(87.1)
2a. GAIN ON POWER SALES	(18,959)	(39,954)	20,995	(52.6)	(60,641)	(397,854)	337,213	(84.8)
3 . FUEL COST OF PURCHASED POWER	6,173,029	3,706,922	2,466,107	66.5	11,087,797	5,878,262	5,209,535	88.6
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	5,551,577	9,464,477	(3,912,900)	(41.3)	19,964,002	29,397,710	(9,433,708)	(32.1)
4 . ENERGY COST OF ECONOMY PURCHASES	1,053,448	330,864	722,584	218.4	1,603,728	814,486	789,242	96.9
5 . TOTAL FUEL & NET POWER TRANSACTIONS	86,005,436	100,883,107	(14,877,671)	(14.8)	246,404,138	303,364,382	(56,960,244)	(18.8)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,246,506)	(2,144,160)	897,655	(41.9)	(3,323,300)	(10,594,483)	7,271,183	(68.6)
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,152,738	1,150,462	2,276	0.2	(9,739,022)	(9,728,958)	(10,065)	0.1
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$85,911,668	\$99,889,408	(\$13,977,740)	(14.0)	\$233,341,816	\$283,040,941	(\$49,699,125)	(17.6)

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)	930	0	930	2,160	0	2,160	
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	1,151,808	0	1,151,808	3,458,658	0	3,458,658	
RAIL CAR SALE PROCEEDS	0	0	0	0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0	(13,309,268)	0	(13,309,268)	
NET METER SETTLEMENT	0	0	0	125,131	0	125,131	
2019 ADJUSTMENT: GAIN ON TOTAL POWER SALES - 20% (SCH A6) **	0	0	0	(15,703)	0	(15,703)	
Derivative Collateral Interest	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$1,152,738	\$0	\$1,152,738	(\$9,739,022)	\$0	(\$9,739,022)	

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

B. KWH SALES								
1 . JURISDICTIONAL SALES	2,818,043,889	2,713,732,232	104,311,657	3.8	8,119,286,743	8,611,975,207	(492,688,464)	(5.7)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	26,408,995	10,531,668	15,877,327	150.8	59,193,723	35,686,026	23,507,697	65.9
3 . TOTAL SALES	2,844,452,884	2,724,263,900	120,188,984	4.4	8,178,480,466	8,647,661,233	(469,180,767)	(5.4)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.07	99.61	(0.54)	(0.5)	99.28	99.59	(0.31)	(0.3)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$91,874,742	\$90,709,033	\$1,165,709	1.3	\$264,512,880	\$287,863,309	(\$23,350,429)	(8.1)
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	(3,615,671)	(3,615,672)	1	0.0
2b. INCENTIVE PROVISION	(215,975)	(215,975)	0	0.0	(647,924)	(647,925)	1	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	90,453,544	89,287,834	1,165,710	1.3	260,249,285	283,599,712	(23,350,427)	(8.2)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	85,911,668	99,889,408	(13,977,740)	(14.0)	233,341,816	283,040,941	(49,699,125)	(17.6)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.07	99.61	(0.54)	(0.5)	99.28	99.59	(0.31)	(0.3)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	85,139,074	99,533,669	(14,394,595)	(14.5)	231,706,171	281,971,756	(50,265,585)	(17.8)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	5,314,469	(10,245,836)	15,560,305	(151.9)	28,543,115	1,627,956	26,915,159	1,653.3
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(11,239)	(9,179)	(2,060)	22.4	(70,618)	(26,042)	(44,576)	171.2
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(10,418,201)	(195,307)	(10,222,894)	5,234.3	(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	3,615,671	3,615,672	(1)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(3,909,747)	(9,245,097)	5,335,351	(57.7)	(3,909,747)	(9,245,097)	5,335,351	(57.7)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$3,909,747)	(9,245,097)	5,335,351	(57.7)	(\$3,909,747)	(9,245,097)	5,335,351	(57.7)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$10,418,201)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(3,898,508)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(14,316,709)	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	(7,158,355)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.560	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	2.210	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	3.770	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.885	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.157	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$11,239)	N/A	--	--				

A-3 Generating System Comparative Data Report

Report Period : 3/1/2020 to 3/1/2020

Duke Energy Florida, LLC

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	586,296	145,750	440,546	302.3 %
3 - COAL	1,557,446	6,028,153	(4,470,707)	(74.2 %)
4 - GAS	71,149,285	81,397,859	(10,248,574)	(12.6 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	73,293,028	87,571,762	(14,278,734)	(16.3 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	553	51	502	983.4 %
11 - COAL	35,102	91,123	(56,021)	(61.5 %)
12 - GAS	2,953,481	2,632,950	320,531	12.2 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	52,320	49,366	2,954	6.0 %
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,041,455	2,773,490	267,965	9.7 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	5,425	698	4,727	677.2 %
19 - COAL (TON)	17,493	41,015	(23,522)	(57.3 %)
20 - GAS (MCF)	22,283,497	18,750,664	3,532,833	18.8 %
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	31,140	4,062	27,078	666.6 %
26 - COAL	378,584	967,618	(589,034)	(60.9 %)
27 - GAS	22,873,368	18,750,664	4,122,704	22.0 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	23,283,091	19,722,344	3,560,747	18.1 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.0	0.00	0.0	887.9 %
34 - COAL	1.2	3.29	(2.1)	(64.9 %)
35 - GAS	97.1	94.93	2.2	2.3 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.7	1.78	(0.1)	(3.4 %)
38	0	0	0	0

A-3 Generating System Comparative Data Report

Report Period : 3/1/2020 to 3/1/2020

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)	108.07	208.81	(100.74)	(48.2 %)
42 - COAL (\$/TON)	89.03	146.97	(57.94)	(39.4 %)
43 - GAS (\$/MCF)	3.19	4.34	(1.15)	(26.4 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	18.83	35.88	(17.05)	(47.5 %)
49 - COAL	4.11	6.23	(2.12)	(34.0 %)
50 - GAS	3.11	4.34	(1.23)	(28.3 %)
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)	3.15	4.44	(1.29)	(29.1 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	56,361	79,647	(23,286)	(29.2 %)
57 - COAL	10,785	10,619	166	1.6 %
58 - GAS	7,745	7,122	623	8.7 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,655	7,111	544	7.7 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	106.11	285.78	(179.67)	(62.9 %)
65 - COAL	4.44	6.62	(2.18)	(32.9 %)
66 - GAS	2.41	3.09	(0.68)	(22.1 %)
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)	2.41	3.16	(0.75)	(23.7 %)

A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 3/1/2020

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	1,293,792	346,469	947,323	273.4 %
3 - COAL	1,557,446	14,887,946	(13,330,500)	(89.5 %)
4 - GAS	211,151,914	253,940,617	(42,788,703)	(16.8 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	214,003,152	269,175,032	(55,171,880)	(20.5 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	3,400	98	3,302	3369.8 %
11 - COAL	35,102	176,615	(141,513)	(80.1 %)
12 - GAS	8,262,151	8,346,401	(84,250)	(1.0 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	113,645	123,295	(9,650)	(7.8 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	8,414,298	8,646,409	(232,111)	(2.7 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	11,836	1,045	10,791	1032.6 %
19 - COAL (TON)	17,493	78,869	(61,376)	(77.8 %)
20 - GAS (MCF)	60,722,641	58,867,882	1,854,759	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	68,120	6,081	62,039	1020.2 %
26 - COAL	378,584	1,858,439	(1,479,855)	(79.6 %)
27 - GAS	62,283,616	58,867,882	3,415,734	5.8 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	62,730,320	60,732,402	1,997,918	3.3 %
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.0	0.00	0.0	3465.5 %
34 - COAL	0.4	2.04	(1.6)	(79.6 %)
35 - GAS	98.2	96.53	1.7	1.7 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.4	1.43	(0.1)	(5.3 %)
38	0	0	0	0

A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 3/1/2020

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)	109.31	331.55	(222.24)	(67.0 %)
42 - COAL (\$/TON)	89.03	188.77	(99.74)	(52.8 %)
43 - GAS (\$/MCF)	3.48	4.31	(0.84)	(19.4 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	18.99	56.98	(37.98)	(66.7 %)
49 - COAL	4.11	8.01	(3.90)	(48.6 %)
50 - GAS	3.39	4.31	(0.92)	(21.4 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	3.41	4.43	(1.02)	(23.0 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	20,033	62,051	(42,018)	(67.7 %)
57 - COAL	10,785	10,523	263	2.5 %
58 - GAS	7,538	7,053	485	6.9 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,455	7,024	431	6.1 %
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	38.05	353.54	(315.49)	(89.2 %)
65 - COAL	4.44	8.43	(3.99)	(47.4 %)
66 - GAS	2.56	3.04	(0.49)	(16.0 %)
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)	2.54	3.11	(0.57)	(18.3 %)

A-4 System Net Generation and Fuel Cost Report

Report Period : 3/1/2020 to 3/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Columbia Solar 1													
TOTAL CSF 1	75	6,950.00	12			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1		0.00				0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	16,021.00	29			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	9,782.00	29			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	665.00	22			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	877.00	24			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,669.00	25			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	16,356.00	29			0				0	0	0.000	
TOTAL Solar	288	52,320.00				0				0	0	0.000	
Steam													
Anclote													
		102,602.00					Gas	1,115,077	1.027	1,145,184	3,982,841	3.882	3.572
TOTAL UNIT 1	521	102,602.00	26			11,161				1,145,184	3,982,841	3.882	
		119,313.00					Gas	1,305,289	1.027	1,340,532	4,662,242	3.908	3.572
TOTAL UNIT 2	514	119,313.00	31			11,235				1,340,532	4,662,242	3.908	
Crystal River 4 & 5													
TOTAL UNIT 4		0.00				0				0	0	0.000	
		35,102.00					Coal	17,493	21.642	378,584	1,557,446	4.437	89.033
		0.00					No 2	4,052	5.735	23,240	433,682	0.000	107.029
TOTAL UNIT 5	721	35,102.00	7			11,447				401,824	1,991,128	5.672	
TOTAL Steam	1,756	257,017.00				11,235				2,887,540	10,636,211	4.000	
Gas Turbine													
Bartow Combined Cycle													
TOTAL BCC	1,308	602,801.00	62			7,838	Gas	4,614,225	1.024	4,724,966	13,554,405	2.249	2.938
		602,801.00								4,724,966	13,554,405	2.249	
Bartow Peaker													
		40.60					No 2	109	5.712	623	11,366	27.999	104.276
		698.40					Gas	10,440	1.026	10,711	37,310	5.342	3.574
TOTAL BAP	109	739.00	1			15,337				11,334	48,676	6.587	
Bayboro Peaker													
		126.00					No 2	349	5.712	1,993	48,723	38.669	139.608
TOTAL BYP	238	126.00	0			15,821				1,993	48,723	38.669	
Citrus County													
TOTAL CCCC	1,884	1,101,649.00	79			6,816	Gas	7,297,182	1.029	7,508,800	26,328,164	2.390	3.608
		1,101,649.00								7,508,800	26,328,164	2.390	
Debary Peaker													
		319.91					No 2	758	5.768	4,372	86,547	27.053	114.178

A-4 System Net Generation and Fuel Cost Report

Report Period : 3/1/2020 to 3/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
TOTAL DEP	577	25,024.09 25,344.00	6			13,666	Gas	332,022	1.030	341,983 346,355	1,189,947 1,276,494	4.755 5.037	3.584
Hines Energy													
TOTAL HEP	1,625	816,995.00 816,995.00	68			7,307	Gas	5,824,326	1.025	5,969,934 5,969,934	16,041,495 16,041,495	1.963 1.963	2.754
Intercession City Peaker													
TOTAL ICP	694	38.50 46,670.37 46,709.00	9			13,862	No 2 Gas	92 629,946	5.802 1.027	534 646,955 647,488	0 1,853,356 1,853,356	0.000 3.971 3.968	0.000 2.942
Osprey													
TOTAL OSP	240	0.00 0.00	0			0	Gas	0	0.000	0 0	1,105 1,105	0.000 0.000	0.000
Suwannee Peaker													
TOTAL SRP	203	27.50 6,459.30 6,487.00	4			13,750	No 2 Gas	65 86,396	5.817 1.028	378 88,815 89,193	5,978 308,644 314,622	21.739 4.778 4.850	91.968 3.572
Tiger Bay Cogen													
TOTAL TBP	231	99,189.00 99,189.00	58			7,813	Gas	756,838	1.024	775,002 775,002	2,218,690 2,218,690	2.237 2.237	2.932
Univ of Florida Cogen													
TOTAL UFP	43	0.00 32,079.70 32,080.00	100			9,990	No 2 Gas	0 311,756	0.000 1.028	0 320,485 320,485	0 971,087 971,087	0.000 3.027 3.027	0.000 3.115
TOTAL Gas Turbine	7,152	2,732,118.00				7,465				20,395,552	62,656,817	2.293	
SYSTEM	9,195	3,041,455.37				7,673				23,283,091	73,293,028	2.415	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 3/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
Solar													
Columbia Solar 1													
TOTAL CSF 1	75	6,950.00	12			0				0	0	0.000	
Debary Solar 1													
TOTAL DSF 1		0.00				0				0	0	0.000	
Hamilton Solar Facility													
TOTAL HSF 1	75	39,507.00	24			0				0	0	0.000	
Lake Placid Solar Facility													
TOTAL LKP 1	45	21,958.00	22			0				0	0	0.000	
Osceola Solar Facility 1													
TOTAL UNIT 1	4	1,709.00	20			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	2,063.00	19			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	4,303.00	22			0				0	0	0.000	
Trenton Solar Facility													
TOTAL TRN 1	75	37,155.00	23			0				0	0	0.000	
TOTAL Solar	288	113,645.00				0				0	0	0.000	
Steam													
Anclote													
		304,382.00					Gas	3,382,113	1.027	3,472,231	13,404,734	4.404	3.963
TOTAL UNIT 1	521	304,382.00	27			11,407				3,472,231	13,404,734	4.404	
		139,527.00					Gas	1,529,922	1.027	1,571,112	5,596,375	4.011	3.658
TOTAL UNIT 2	514	139,527.00	12			11,260				1,571,112	5,596,375	4.011	
Crystal River 4 & 5													
TOTAL UNIT 4		0.00				0				0	0	0.000	
		35,102.00					Coal	17,493	21.642	378,584	1,557,446	4.437	89.033
		0.00					No 2	4,052	5.735	23,240	433,682	0.000	107.029
TOTAL UNIT 5	721	35,102.00	2			11,447				401,824	1,991,128	5.672	
TOTAL Steam	1,756	479,011.00				11,368				5,445,166	20,992,238	4.000	
Gas Turbine													
Bartow Combined Cycle													
		1,710,512.00					Gas	12,772,296	1.023	13,062,733	39,982,574	2.337	3.130
TOTAL BCC	1,308	1,710,512.00	60			7,637				13,062,733	39,982,574	2.337	
Bartow Peaker													
		172.78					No 2	484	5.712	2,765	50,384	29.161	104.099
		896.22					Gas	13,974	1.026	14,341	53,329	5.950	3.816
TOTAL BAP	109	1,069.00	0			16,001				17,105	103,713	9.702	
Bayboro Peaker													
		637.75					No 2	1,373	5.712	7,843	191,688	30.057	139.612
TOTAL BYP	238	638.00	0			12,297				7,843	191,688	30.057	
Citrus County													
		3,022,007.00					Gas	19,916,687	1.029	20,499,615	76,876,153	2.544	3.860
TOTAL CCCC	1,884	3,022,007.00	73			6,783				20,499,615	76,876,153	2.544	
Debary Peaker													
		1,290.63					No 2	3,084	5.768	17,788	352,353	27.301	114.252

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 3/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
TOTAL DEP	642	38,080.37 39,371.00	3			13,782	Gas	509,846	1.029	524,836 542,623	1,902,897 2,255,250	4.997 5.728	3.732
Hines Energy													
		169.19					No 2	212	5.817	1,233	17,376	10.270	81.964
TOTAL HEP	2,184	2,652,283.81 2,652,453.00	56			7,289	Gas	18,885,581	1.024	19,331,949 19,333,182	61,431,212 61,448,589	2.316 2.317	3.253
Intercession City Peaker													
		994.07					No 2	2,296	5.802	13,321	217,776	21.908	94.850
TOTAL ICP	1,102	71,847.95 72,842.00	3			13,400	Gas	936,856	1.028	962,765 976,086	2,778,470 2,996,246	3.867 4.113	2.966
Osprey													
TOTAL OSP	600	86,587.00 86,587.00	7			7,534	Gas	638,787	1.021	652,310 652,310	2,153,574 2,153,574	2.487 2.487	3.371
Suwannee Peaker													
		135.97					No 2	332	5.817	1,931	30,533	22.456	91.968
TOTAL SRP	203	13,576.73 13,713.00	3			14,204	Gas	187,654	1.028	192,838 194,770	716,700 747,233	5.279 5.449	3.819
Tiger Bay Cogen													
TOTAL TBP	231	127,573.00 127,573.00	25			8,012	Gas	998,125	1.024	1,022,080 1,022,080	2,958,543 2,958,543	2.319 2.319	2.964
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
TOTAL UFP	46	94,877.60 94,878.00	94			10,295	Gas	950,800	1.027	976,806 976,806	3,297,352 3,297,352	3.475 3.475	3.468
TOTAL Gas Turbine	8,547	7,821,642.00				7,324				57,285,154	193,010,915	2.468	
SYSTEM	10,590	8,414,298.07				7,461				62,730,320	214,003,153	2.545	

A-5 System Generation Fuel Cost Report

Report Period : 3/1/2020 to 3/1/2020

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)	3,896	698	3,198	458.2%
20 - UNIT COST (\$/BBL)	57.94	208.81	(150.87)	(72.3%)
21 - AMOUNT (\$)	225,723	145,750	79,973	54.9%
22 - BURNED				
23 - UNITS (BBL)	5,425	698	4,727	677.2%
24 - UNIT COST (\$/BBL)	108.07	208.81	(100.74)	(48.2%)
25 - AMOUNT (\$)	586,296	145,750	440,546	302.3%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	602,529	659,427	(56,898)	(8.6%)
31 - UNIT COST (\$/BBL)	108.04	108.99	(0.95)	(0.9%)
32 - AMOUNT (\$)	65,095,932	71,867,960	(6,772,028)	(9.4%)
33 -				

A-5 System Generation Fuel Cost Report

Report Period : 3/1/2020 to 3/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
34 - DAYS SUPPLY	3,443	28,342	(24,899)	(87.9%)
COAL				
35 - PURCHASES				
36 - UNITS (TON)	66,506	41,015	25,491	62.2%
37 - UNIT COST (\$/TON)	128.27	146.97	(18.71)	(12.7%)
38 - AMOUNT (\$)	8,530,672	6,028,153	2,502,519	41.5%
39 - BURNED				
40 - UNITS (TON)	17,493	41,015	(23,522)	(57.3%)
41 - UNIT COST (\$/TON)	89.03	146.97	(57.94)	(39.4%)
42 - AMOUNT (\$)	1,557,446	6,028,153	(4,470,707)	(74.2%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	481,260	417,395	63,865	15.3%
48 - UNIT COST (\$/TON)	89.03	86.34	2.69	3.1%
49 - AMOUNT (\$)	42,847,758	36,037,880	6,809,878	18.9%
50 -				
51 - DAYS SUPPLY	853	305	548	179.4%
GAS				
52 - BURNED				
53 - UNITS (MCF)	22,283,497	18,750,664	3,532,833	18.8%
54 - UNIT COST (\$/MCF)	3.19	4.34	(1.15)	(26.4%)
55 - AMOUNT (\$)	71,149,285	81,397,859	(10,248,574)	(12.6%)
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 3/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
4 - AMOUNT (\$)	0	0	0	0.0%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	8,747	1,045	7,702	737.0%
20 - UNIT COST (\$/BBL)	25.81	331.55	(305.74)	(92.2%)
21 - AMOUNT (\$)	225,723	346,469	(120,746)	(34.9%)
22 - BURNED				
23 - UNITS (BBL)	11,836	1,045	10,791	1032.6%
24 - UNIT COST (\$/BBL)	109.31	331.55	(222.24)	(67.0%)
25 - AMOUNT (\$)	1,293,792	346,469	947,323	273.4%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	602,529	659,427	(56,898)	(8.6%)
31 - UNIT COST (\$/BBL)	108.04	108.99	(0.95)	(0.9%)
32 - AMOUNT (\$)	65,095,932	71,867,960	(6,772,028)	(9.4%)
33 -				

A-5 System Generation Fuel Cost Report

Report Period : 1/1/2020 to 3/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
34 - DAYS SUPPLY	0	0	0	0.0%
COAL				
35 - PURCHASES				
36 - UNITS (TON)	160,633	78,869	81,764	103.7%
37 - UNIT COST (\$/TON)	117.16	188.77	(71.60)	(37.9%)
38 - AMOUNT (\$)	18,820,455	14,887,946	3,932,509	26.4%
39 - BURNED				
40 - UNITS (TON)	17,493	78,869	(61,376)	(77.8%)
41 - UNIT COST (\$/TON)	89.03	188.77	(99.74)	(52.8%)
42 - AMOUNT (\$)	1,557,446	14,887,946	(13,330,500)	(89.5%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	481,260	417,395	63,865	15.3%
48 - UNIT COST (\$/TON)	89.03	86.34	2.69	3.1%
49 - AMOUNT (\$)	42,847,758	36,037,880	6,809,878	18.9%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	60,722,641	58,867,882	1,854,759	3.2%
54 - UNIT COST (\$/MCF)	3.48	4.31	(0.84)	(19.4%)
55 - AMOUNT (\$)	211,151,914	253,940,617	(42,788,703)	(16.8%)
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
March 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		6,029		6,029	2.504	3.167	150,964	190,918	39,954.00
ACTUAL									
Reedy Creek Improvement District	CR-1	1,520		1,520	1.142	1.578	17,364.95	23,990.60	6,625.65
The Energy Authority		2,450		2,450	1.197	1.700	29,322.50	41,656.00	12,333.50
Adjustments									
Subtotal - Gain on Other Power Sales		3,970	0	3,970	1.176	1.654	46,687.45	65,646.60	18,959.15
CURRENT MONTH TOTAL		3,970		3,970	1.176	1.654	46,687.45	65,646.60	18,959.15
DIFFERENCE		(2,059)		(2,059)	(1.328)	(1.513)	(104,276.55)	(125,271.40)	(20,994.85)
DIFFERENCE %		(34)		(34)	(53.037)	(47.785)	(69.07)	(65.62)	(52.55)
CUMULATIVE ACTUAL		12,856		12,856	1.508	1.980	193,899.56	254,541.01	60,641.45
CUMULATIVE ESTIMATED		45,305		45,305	3.318	4.196	1,503,254.00	1,901,108.00	397,854.00
DIFFERENCE		(32,449)		(32,449)	(1.81)	(2.22)	(1,309,354.44)	(1,646,566.99)	(337,212.55)
DIFFERENCE %		(72)		(72)	(54.55)	(52.82)	(87.10)	(86.61)	(84.76)

DUKE ENERGY FLORIDA, INC.
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
MARCH, 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		109,326	-	-	109,326	3.391	3.391	3,706,922	3,706,922
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	39,311			39,311	7.341	7.341	2,885,785.11	2,885,785.11
Southern Power Company	Franklin	87,388			87,388	3.550	3.550	3,102,524.32	3,102,524.32
Vandolah Power Company L.L.C.	TOLL	-			-	-	-	42,257.16	42,257.16
ADJUSTMENTS									
Vandolah Power Company L.L.C.	TOLL	(107)			(107)	(25.334)	(25.334)	27,107.23	27,107.23
Shady Hills Power Company, L.L.C.	TOLL	8			8	202.337	202.337	16,186.99	16,186.99
Southern Power Company	Franklin	3,650			3,650	2.717	2.717	99,168.54	99,168.54
CURRENT MONTH TOTAL		130,250			130,250	4.739	4.739	6,173,029.35	6,173,029.35
DIFFERENCE		20,924			20,924	1.348	1.348	2,466,107.35	2,466,107.35
DIFFERENCE %		19			19	39.763	39.763	66.53	66.53
CUMULATIVE ACTUAL		257,928			257,928	4.299	4.299	11,087,796.73	11,087,796.73
CUMULATIVE ESTIMATED		165,515			165,515	3.551	3.551	5,878,262.00	5,878,262.00
DIFFERENCE		92,413			92,413	0.747	0.747	5,209,534.73	5,209,534.73
DIFFERENCE %		56			56	21.042	21.042	88.62	88.62

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
MARCH, 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		223,797	-	-	223,797	4.229	16.364	9,464,476.60
ACTUAL								
Citrus World (CITRUS)	CO-GEN	61			61	1.921	1.921	1,169.39
ADJ		46			46			911.85
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	552			552	1.913	1.913	10,559.19
ADJ		-			-			817.65
Lee County (LEECOGAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		295			295			3,928.24
Metro-Dade County (METRDADE)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Metro-Dade County (METRDDAS)	CO-GEN	4,779			4,779	1.909	1.909	91,226.99
ADJ		10,548			10,548			191,335.64
Orange Cogen (ORANGEAS)	CO-GEN	1,886			1,886	1.935	1.935	36,488.21
ADJ		-			-			1,288.37
Orange Cogen (ORANGECO)	CO-GEN	31,957			31,957	3.928	22.288	1,255,146.10
ADJ		-			-			(19,604.77)
Orlando Cogen Limited (ORLACOGL)	CO-GEN	39,695			39,695	5.340	20.096	2,119,839.45
ADJ		(359)			(359)			(66,235.06)
Orlando Cogen Limited (ORLCOGAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	12,374			12,374	1.895	19.459	234,437.67
ADJ		-			-			25,626.67
PCS Phosphate (OCSWFCRK)	CO-GEN	127			127	1.963	1.963	2,483.88
ADJ		28			28			769.50
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	38,782			38,782	1.889	15.242	732,725.75
ADJ		-			-			65,938.14
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	35,457			35,457	2.174	25.240	770,993.93
ADJ		-			-			91,730.23
Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	-			-	0.000	#N/A	-
ADJ		-			-			-
CURRENT MONTH TOTAL		176,228			176,228	3.15	18.561	5,551,577.02
DIFFERENCE		(47,569)			(47,569)	(1.079)	2.197	(3,912,899.58)
DIFFERENCE %		(21.26)			(21.26)	(25.51)	13.42	(41.34)
CUMULATIVE ACTUAL		601,950			601,950	3.317	16.850	19,964,002.02
CUMULATIVE ESTIMATED		716,997			716,997	4.100	15.463	29,397,710.49
CUMULATIVE DIFFERENCE		(115,047)			(115,047)	(0.784)	1.387	(9,433,708.47)
CUMULATIVE DIFFERENCE %		(16.05)			(16.05)	(19.11)	8.97	(32.09)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
MARCH, 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		9,309	3.554	330,864	4.106	382,205	51,341
ACTUAL:							
SubTotal - Energy Purchases (Broker)		-	0.000	\$0.00	0.000	\$0.00	\$0.00
SEPA	Hydro	-					
Exelon Generation Company, LLC	InternationalSwapsDe	4,391	2.728	\$119,781.00	4.379	192,266.34	\$72,485.34
Florida Power & Light Company	Transmission Purchase			\$48,971.50			(\$48,971.50)
Florida Power & Light Company		4,850	2.758	\$133,750.00	2.889	\$140,137.20	\$6,387.20
Jacksonville Electric Authority	Transmission Purchase			4,247.04			(4,247.04)
Macquarie Energy LLC		1,820	2.973	54,100.00	4.431	80,643.40	26,543.40
Morgan Stanley Capital Group Inc.	EEl	520	3	15,600.00	3.909	20,328.60	4,728.60
Rainbow Energy Marketing Corporation		236	2.8	\$6,608.00	9.08	21,428.80	\$14,820.80
Seminole Electric Cooperative, Inc.	Transmission Purchase			\$1,640.00			(\$1,640.00)
Southern Company Services, Inc.	EEl	15,673	3.139	\$492,011.00	4.006	627,877.97	\$135,866.97
Tampa Electric Company	EEl2	5,350	3.207	\$171,600.00	4.517	241,664.00	\$70,064.00
ADJUSTMENTS							
PJM Settlements				206.51			(206.51)
Tampa Electric Company				4,901.43			(4,901.43)
Southern Company Services	Transmission			31.77			(31.77)
SubTotal - Energy Purchases (Non-Broker)		32,840	3.208	1,053,448.25	4.033	1,324,346.31	270,898.06
CURRENT MONTH TOTAL		32,840	3.208	1,053,448.25	4.033	1,324,346.31	270,898.06
DIFFERENCE		23,532	(0.347)	722,584.25	(0.073)	942,141.31	219,557.06
DIFFERENCE %		253	(9.751)	218.39	(1.784)	246.50	427.64
CUMULATIVE ACTUAL		53,519	2.997	1,603,728.21	3.741	2,002,311.43	398,583.82
CUMULATIVE ESTIMATED		21,960	3.709	814,486.00	4.285	940,866.00	126,380.00
DIFFERENCE		31,560	(0.712)	789,242.21	(0.543)	1,061,445.43	272,203.82
DIFFERENCE %		144	(19.209)	96.90	(12.68)	112.82	215.39

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2020

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	5,880,980	5,893,358	5,887,169										17,661,508
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,923,355	5,923,355	5,923,355										17,770,065
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,147,740	2,147,740	2,147,740										6,443,220
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,112,555	5,112,555	5,112,555										15,337,665
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	8,086,717	8,086,717	8,086,717										24,260,151
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0										0
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,016,449	5,550,785	2,815,069										12,382,303
8 Retail Wheeling				(10,726)	(9,947)	0										(20,672)
9 CR-3 Projected Expense				0	0	0										0
10 ISFSI Return				573,320	573,320	573,320										1,719,959
11 Vandolah Capacity Purchase			June 2012 - May 2027	2,939,299	2,876,217	1,958,481										7,773,997
12 Schedule H Capacity Sales - Tallahassee	1	-1	on-going no term date	0	0	(32,469)										(32,469)
13 Shady Hills Tolling	1	517	4/1/07-4/30/24	1,973,160	1,973,160	1,973,160										5,919,480
14 RidgeGen Agreement Termination				708,094	704,621	701,149										2,113,864
15 Hamilton SoBRA True-Up				0	0	0										0
16 State Corporate Income Tax Change				0	0	(3,491,633)										(3,491,633)
TOTAL				37,350,944	38,831,881	31,654,613	0	0	0	0	0	0	0	0	0	107,837,437