



Matthew R. Bernier  
ASSOCIATE GENERAL COUNSEL

September 16, 2020

**VIA ELECTRONIC FILING**

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

Re: Docket No. 20200001-EI

Dear Mr. Teitzman:

Attached for electronic filing in the above-referenced Docket on behalf of Duke Energy Florida, LLC (DEF), are Schedules A1 through A9 and A12 for the reporting month of August 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/cmck  
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 16<sup>th</sup> day of September, 2020.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

AUGUST 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)	103,341,889	102,001,873	1,340,016	1.3	4,250,285	4,254,320	(4,036)	(0.1)	2.4314	2.3976	0.0338	1.4
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	1,649,538	1,651,425	(1,887)	(0.1)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	104,991,427	103,653,298	1,338,129	1.3	4,250,285	4,254,320	(4,036)	(0.1)	2.4702	2.4364	0.0338	1.4
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	7,942,006	4,575,768	3,366,238	73.6	266,781	182,033	84,748	46.6	2.9770	2.5137	0.4633	18.4
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)	442,514	113,649	328,865	289.4	4,230	2,728	1,503	55.1	10.4602	4.1665	6.2937	151.1
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	7,544,093	8,411,122	(867,029)	(10.3)	215,945	233,845	(17,900)	(7.7)	3.4935	3.5969	(0.1034)	(2.9)
9 TOTAL COST OF PURCHASED POWER	15,928,612	13,100,539	2,828,073	21.6	486,957	418,606	68,351	16.3	3.2711	3.1296	0.1415	4.5
10 TOTAL AVAILABLE MWH					4,737,241	4,672,926	64,315	1				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(788,174)	(893,645)	105,471	(11.8)	(32,675)	(23,481)	(9,195)	39.2	2.4122	3.8059	(1.3937)	(36.6)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(252,543)	(226,601)	(25,942)	11.5	(32,675)	(23,481)	(9,195)	39.2	0.7729	0.9651	(0.1922)	(19.9)
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	(6,597,032)	(6,901,444)	304,413	(4.4)	(367,623)	(375,509)	7,886	(2.1)	1.7945	1.8379	(0.0434)	(2.4)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(7,637,749)	(8,021,690)	383,941	(4.8)	(400,298)	(398,990)	(1,309)	0.3	1.9080	2.0105	(0.1025)	(5.1)
14 NET INADVERTENT AND WHEELED INTERCHANGE					25,299	0	25,299					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	113,282,290	108,732,147	4,550,143	4.2	4,362,242	4,273,936	88,306	2.1	2.5969	2.5441	0.0528	2.1
16 NET UNBILLED	4,661,793	(777,451)	5,439,244	(699.6)	(179,515)	30,559	(210,074)	(687.4)	0.1187	(0.0193)	0.1380	(715.0)
17 COMPANY USE	227,013	381,825	(154,812)	(40.6)	(8,742)	(15,008)	6,267	(41.8)	0.0058	0.0095	(0.0037)	(39.0)
18 T & D LOSSES	6,440,320	6,548,191	(107,871)	(1.7)	(248,002)	(257,390)	9,388	(3.7)	0.1640	0.1624	0.0016	1.0
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	113,282,290	108,732,147	4,550,143	4.2	3,925,983	4,032,097	(106,114)	(2.6)	2.8855	2.6967	0.1888	7.0
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(872,274)	(1,011,209)	138,935	(13.7)	(30,243)	(37,435)	7,192	(19.2)	2.8842	2.7012	0.1830	6.8
21 JURISDICTIONAL KWH SALES	112,410,016	107,720,938	4,689,079	4.4	3,895,740	3,994,662	(98,922)	(2.5)	2.8855	2.6966	0.1889	7.0
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	112,444,863	107,754,331	4,690,532	4.4	3,895,740	3,994,662	(98,922)	(2.5)	2.8864	2.6975	0.1889	7.0
23 PRIOR PERIOD TRUE-UP	1,205,224	1,205,224	(0)	0.0	3,895,740	3,994,662	(98,922)	(2.5)	0.0309	0.0302	0.0007	2.3
24 TOTAL JURISDICTIONAL FUEL COST	113,650,087	108,959,555	4,690,532	4.3	3,895,740	3,994,662	(98,922)	(2.5)	2.9173	2.7277	0.1896	7.0
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.9194	2.7297	0.1897	7.0
27 GPIF	215,975	215,975			3,895,740	3,994,662			0.0055	0.0054	0.0001	1.9
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.925	2.735	0.190	6.9

\*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 - AUGUST 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)	666,367,535	654,527,553	11,839,982	1.8	26,980,136	26,854,784	125,352	0.5	2.4698	2.4373	0.0325	1.3
2 COAL CAR SALE	(13,200)	0	(13,200)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(3,523,866)	(3,521,046)	(2,820)	0.1	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	662,830,469	651,006,507	11,823,962	1.8	26,980,136	26,854,784	125,352	0.5	2.4567	2.4242	0.0325	1.3
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	43,846,424	42,357,100	1,489,324	3.5	1,321,950	1,309,168	12,782	1.0	3.3168	3.2354	0.0814	2.5
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)	3,354,944	2,977,213	377,731	12.7	102,174	97,065	5,109	5.3	3.2836	3.0672	0.2164	7.1
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	54,921,532	57,140,153	(2,218,621)	(3.9)	1,618,281	1,675,714	(57,433)	(3.4)	3.3938	3.4099	(0.0161)	(0.5)
9 TOTAL COST OF PURCHASED POWER	102,122,900	102,474,466	(351,566)	(0.3)	3,042,405	3,081,947	(39,542)	(1.3)	3.3567	3.3250	0.0317	1.0
10 TOTAL AVAILABLE MWH					30,022,541	29,936,731	85,810	0.3				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,690,345)	(2,116,293)	425,948	(20.1)	(84,105)	(75,135)	(8,970)	11.9	2.0098	2.8167	(0.8069)	(28.7)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(715,004)	(673,779)	(41,226)	6.1	(84,105)	(75,135)	(8,970)	11.9	0.8501	0.8968	(0.0467)	(5.2)
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	(29,526,685)	(30,932,053)	1,405,368	(4.5)	(1,678,420)	(1,679,108)	688	(0.0)	1.7592	1.8422	(0.0830)	(4.5)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(31,932,034)	(33,722,124)	1,790,090	(5.3)	(1,762,525)	(1,754,243)	(8,282)	0.5	1.8117	1.9223	(0.1106)	(5.8)
14 NET INADVERTENT AND WHEELED INTERCHANGE					163,209	110,445	52,764					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	733,021,336	719,758,850	13,262,486	1.8	28,423,225	28,292,932	130,293	0.5	2.5790	2.5440	0.0350	1.4
16 NET UNBILLED	20,569,205	16,348,424	4,220,781	25.8	(774,224)	(615,253)	(158,971)	25.8	0.0795	0.0631	0.0164	26.0
17 COMPANY USE	2,328,723	2,689,824	(361,101)	(13.4)	(90,003)	(105,398)	15,396	(14.6)	0.0090	0.0104	(0.0014)	(13.5)
18 T & D LOSSES	43,526,659	42,155,065	1,371,594	3.3	(1,691,887)	(1,658,727)	(33,160)	2.0	0.1683	0.1627	0.0056	3.4
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	733,021,336	719,758,850	13,262,486	1.8	25,867,111	25,913,555	(46,443)	(0.2)	2.8338	2.7775	0.0563	2.0
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(5,458,387)	(5,682,542)	224,155	(3.9)	(191,916)	(204,860)	12,944	(6.3)	2.8442	2.7739	0.0703	2.5
21 JURISDICTIONAL KWH SALES	727,562,949	714,076,308	13,486,641	1.9	25,675,195	25,708,695	(33,499)	(0.1)	2.8337	2.7776	0.0561	2.0
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	727,790,615	714,299,793	13,490,822	1.9	25,675,195	25,708,695	(33,499)	(0.1)	2.8346	2.7784	0.0562	2.0
23 PRIOR PERIOD TRUE-UP	(68,589,996)	(68,589,995)	(1)	0.0	25,675,195	25,708,695	(33,499)	(0.1)	(0.2671)	(0.2668)	(0.0003)	0.1
24 TOTAL JURISDICTIONAL FUEL COST	659,200,620	645,709,798	13,490,821	2.1	25,675,195	25,708,695	(33,499)	(0.1)	2.5675	2.5116	0.0559	2.2
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.5693	2.5134	0.0559	2.2
27 GPIF	1,727,798	1,727,800			25,675,195	25,708,695			0.0067	0.0067	0.0000	100.0
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.576	2.520	0.056	2.2

\*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  
AUGUST 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	\$103,341,889	102,001,873	\$1,340,016	1.3	\$666,367,535	\$654,527,553	\$11,839,982	1.8
1a. COAL CAR SALE	0	0	0	0.0	(13,200)	0	(13,200)	0.0
2 . FUEL COST OF POWER SOLD	(788,174)	(893,645)	105,471	(11.8)	(1,690,345)	(2,116,293)	425,948	(20.1)
2a. GAIN ON POWER SALES	(252,543)	(226,601)	(25,942)	11.5	(715,004)	(673,779)	(41,226)	6.1
3 . FUEL COST OF PURCHASED POWER	7,942,006	4,575,768	3,366,238	73.6	43,846,424	42,357,100	1,489,324	3.5
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,544,093	8,411,122	(867,029)	(10.3)	54,921,532	57,140,153	(2,218,621)	(3.9)
4 . ENERGY COST OF ECONOMY PURCHASES	442,514	113,649	328,865	289.4	3,354,944	2,977,213	377,731	12.7
5 . TOTAL FUEL & NET POWER TRANSACTIONS	118,229,784	113,982,166	4,247,618	3.7	766,071,886	754,211,948	11,859,938	1.6
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(6,597,032)	(6,901,444)	304,413	(4.4)	(29,526,685)	(30,932,053)	1,405,368	(4.5)
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,649,538	1,651,425	(1,887)	(0.1)	(3,523,866)	(3,521,046)	(2,820)	0.1
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$113,282,290	\$108,732,147	\$4,550,143	4.2	\$733,021,336	\$719,758,850	\$13,262,486	1.8

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)	770	0	770	5,910	0	5,910	
WHOLESALE ALLOCATION ADJUSTMENT	517,236	0	517,236	517,236	0	517,236	
TANK BOTTOM ADJUSTMENT	0	0	0	0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	
FPD AGREEMENT TERMINATION	1,131,532	0	1,131,532	9,152,829	0	9,152,829	
RAIL CAR SALE PROCEEDS	0	0	0	0	0	0	
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0	(13,309,268)	0	(13,309,268)	
NET METER SETTLEMENT	0	0	0	125,131	0	125,131	
2019 ADJUSTMENT: GAIN ON TOTAL POWER SALES - 20% (SCH A6) **	0	0	0	(15,703)	0	(15,703)	
Derivative Collateral Interest	0	0	0	0	0	0	
<b>SUBTOTAL LINE 6b SHOWN ABOVE</b>	<b>\$1,649,538</b>	<b>\$0</b>	<b>\$1,649,538</b>	<b>(\$3,523,866)</b>	<b>\$0</b>	<b>(\$3,523,866)</b>	

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

B. KWH SALES

1 . JURISDICTIONAL SALES	3,895,740,326	3,994,662,246	(98,921,920)	(2.5)	25,675,193,931	25,708,694,609	(33,500,678)	(0.1)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	30,242,920	37,435,080	(7,192,160)	(19.2)	191,916,118	204,860,127	(12,944,009)	(6.3)
3 . TOTAL SALES	3,925,983,246	4,032,097,326	(106,114,080)	(2.6)	25,867,110,049	25,913,554,736	(46,444,687)	(0.2)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.23	99.07	0.16	0.2	99.26	99.21	0.05	0.1

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>C. TRUE UP CALCULATION</b>								
1. JURISDICTIONAL FUEL REVENUE	\$131,949,296	\$133,542,731	(\$1,593,435)	(1.2)	\$776,732,480	\$773,883,292	\$2,849,189	0.4
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	68,589,996	68,589,995	1	0.0
2b. INCENTIVE PROVISION	(215,975)	(215,975)	0	0.0	(1,727,798)	(1,727,800)	2	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	130,528,097	132,121,532	(1,593,434)	(1.2)	843,594,678	840,745,487	2,849,191	0.3
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	113,282,290	108,732,147	4,550,143	4.2	733,021,336	719,758,850	13,262,486	1.8
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.23	99.07	0.16	0.2	99.26	99.21	0.05	0.1
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	112,444,863	107,754,331	4,690,532	4.4	727,790,615	714,299,793	13,490,822	1.9
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	18,083,234	24,367,201	(6,283,967)	(25.8)	115,804,063	126,445,693	(10,641,630)	(8.4)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	150	724	(574)	(79.2)	(67,274)	(66,105)	(1,169)	1.8
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(8,139,729)	(3,781,470)	(4,358,259)	115.3	(35,997,914)	(35,997,914)	(0)	0.0
10. TRUE UP COLLECTED (REFUNDED)	1,205,224	1,205,224	(0)	0.0	(68,589,996)	(68,589,995)	(1)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	11,148,879	21,791,679	(10,642,800)	(48.8)	11,148,879	21,791,679	(10,642,800)	(48.8)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$11,148,879	21,791,679	(10,642,800)	(48.8)	\$11,148,879	21,791,679	(10,642,800)	(48.8)
<b>D. INTEREST PROVISION</b>								
1. BEGINNING TRUE UP (LINE C9)	(\$8,139,729)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	11,148,729	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	3,009,000	N/A	--	--			<b>NOT</b>	
4. AVERAGE TRUE UP (50% OF LINE D3)	1,504,500	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.120	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.110	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.230	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.115	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.010	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$150	N/A	--	--				



## A-3 Generating System Comparative Data Report

Report Period : 8/1/2020 to 8/1/2020

Duke Energy Florida, LLC

<b>FUEL COST OF SYSTEM</b>	<b>ACTUAL</b>	<b>ESTIMATED</b>	<b>DIFFERENCE</b>	<b>DIFFERENCE (%)</b>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	1,871,713	913,933	957,780	104.8 %
3 - COAL	24,380,898	16,311,312	8,069,586	49.5 %
4 - GAS	77,089,278	84,776,628	(7,687,350)	(9.1 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	103,341,889	102,001,873	1,340,016	1.3 %
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	5,868	3,262	2,606	79.9 %
11 - COAL	583,829	397,784	186,045	46.8 %
12 - GAS	3,587,555	3,771,802	(184,247)	(4.9 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	73,033	81,472	(8,439)	(10.4 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	4,250,285	4,254,320	(4,035)	(0.1 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	16,074	7,738	8,336	107.7 %
19 - COAL (TON)	296,074	181,845	114,229	62.8 %
20 - GAS (MCF)	26,683,363	27,948,367	(1,265,004)	(4.5 %)
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	92,765	45,092	47,673	105.7 %
26 - COAL	6,597,121	4,242,991	2,354,130	55.5 %
27 - GAS	27,300,876	27,948,367	(647,491)	(2.3 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	33,990,761	32,236,450	1,754,311	5.4 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.08	0.1	80.0 %
34 - COAL	13.7	9.35	4.4	46.9 %
35 - GAS	84.4	88.66	(4.3)	(4.8 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.7	1.92	(0.2)	(10.3 %)
38	0	0	0	0

### A-3 Generating System Comparative Data Report

Report Period : 8/1/2020 to 8/1/2020

Duke Energy Florida, LLC

39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	116.44	118.11	(1.67)	(1.4 %)
42 - COAL (\$/TON)	82.35	89.70	(7.35)	(8.2 %)
43 - GAS (\$/MCF)	2.89	3.03	(0.14)	(4.8 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	20.18	20.27	(0.09)	(0.4 %)
49 - COAL	3.70	3.84	(0.15)	(3.9 %)
50 - GAS	2.82	3.03	(0.21)	(6.9 %)
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)	3.04	3.16	(0.12)	(3.9 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	15,810	13,823	1,986	14.4 %
57 - COAL	11,300	10,667	633	5.9 %
58 - GAS	7,610	7,410	200	2.7 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,997	7,577	420	5.5 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	31.90	28.02	3.88	13.9 %
65 - COAL	4.18	4.10	0.08	1.8 %
66 - GAS	2.15	2.25	(0.10)	(4.4 %)
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	2.43	2.40	0.03	1.4 %



## A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 8/1/2020

Duke Energy Florida, LLC

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	8,279,834	6,491,068	1,788,766	27.6 %
3 - COAL	79,541,582	56,445,476	23,096,106	40.9 %
4 - GAS	578,546,119	591,591,009	(13,044,890)	(2.2 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	666,367,535	654,527,553	11,839,982	1.8 %
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	18,845	13,859	4,986	36.0 %
11 - COAL	1,932,862	1,369,734	563,128	41.1 %
12 - GAS	24,541,523	24,968,424	(426,901)	(1.7 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	486,907	502,767	(15,860)	(3.2 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	26,980,136	26,854,784	125,352	0.5 %
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	70,531	55,338	15,193	27.5 %
19 - COAL (TON)	926,983	624,067	302,916	48.5 %
20 - GAS (MCF)	182,180,191	185,148,546	(2,968,355)	(1.6 %)
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	360,974	274,366	86,608	31.6 %
26 - COAL	21,197,546	14,723,212	6,474,334	44.0 %
27 - GAS	186,642,219	188,375,048	(1,732,829)	(0.9 %)
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	208,200,739	203,372,626	4,828,113	2.4 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.05	0.0	35.3 %
34 - COAL	7.2	5.10	2.1	40.5 %
35 - GAS	91.0	92.98	(2.0)	(2.2 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.8	1.87	(0.1)	(3.6 %)
38	0	0	0	0

### A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 8/1/2020

Duke Energy Florida, LLC

39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0 %
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	117.39	117.30	0.09	0.1 %
42 - COAL (\$/TON)	85.81	90.45	(4.64)	(5.1 %)
43 - GAS (\$/MCF)	3.18	3.20	(0.02)	(0.6 %)
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 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	22.94	23.66	(0.72)	(3.0 %)
49 - COAL	3.75	3.83	(0.08)	(2.1 %)
50 - GAS	3.10	3.14	(0.04)	(1.3 %)
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)	3.20	3.22	(0.02)	(0.6 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	19,155	19,797	(642)	(3.2 %)
57 - COAL	10,967	10,749	218	2.0 %
58 - GAS	7,605	7,545	61	0.8 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,717	7,573	144	1.9 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	43.94	46.84	(2.90)	(6.2 %)
65 - COAL	4.12	4.12	(0.01)	(0.1 %)
66 - GAS	2.36	2.37	(0.01)	(0.5 %)
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)	2.47	2.44	0.03	1.3 %

# A-4 System Net Generation and Fuel Cost Report

Report Period : 8/1/2020 to 8/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
<b>Solar</b>													
<b>Columbia Solar   1</b>													
TOTAL CSF 1	75	16,582.00	30			0				0	0	0.000	
<b>Debary Solar 1</b>													
TOTAL DSF 1	74	12,960.00	24			0				0	0	0.000	
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	15,470.00	28			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	9,064.00	27			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	407.00	14			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	758.00	20			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	1,575.00	24			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	75	16,120.00	29			0				0	0	0.000	
St. Pete Pier	0.35	97.20	37			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>362</b>	<b>73,033.20</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		101,178.00					Gas	1,218,295	1.025	1,248,752	4,248,607	4.199	3.487
TOTAL UNIT 1	521	101,178.00	26			12,342				1,248,752	4,248,607	4.199	
		97,520.00					Gas	1,169,913	1.025	1,199,161	4,079,882	4.184	3.487
TOTAL UNIT 2	514	97,520.00	26			12,297				1,199,161	4,079,882	4.184	
<b>Crystal River 4 &amp; 5</b>													
		289,348.00					Coal	147,167	22.282	3,279,175	12,118,807	4.188	82.347
		0.00					No 2	1,776	5.741	10,195	269,217	0.000	151.586
TOTAL UNIT 4	721	289,348.00	54			11,368				3,289,370	12,388,024	4.281	
		294,481.00					Coal	148,907	22.282	3,317,946	12,262,091	4.164	82.347
		0.00					No 2	1,931	5.741	11,085	292,713	0.000	151.586
TOTAL UNIT 5	721	294,481.00	55			11,305				3,329,031	12,554,804	4.263	
<b>TOTAL Steam</b>	<b>2,477</b>	<b>782,527.00</b>				<b>11,586</b>				<b>9,066,315</b>	<b>33,271,317</b>	<b>4.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
		685,700.00					Gas	4,945,272	1.018	5,034,287	12,572,547	1.834	2.542
TOTAL BCC	1,308	685,700.00	70			7,342				5,034,287	12,572,547	1.834	
<b>Bartow Peaker</b>													
		140.29					No 2	383	5.712	2,188	39,830	28.390	103.995
		2,383.71					Gas	36,264	1.025	37,171	125,949	5.284	3.473
TOTAL BAP	223	2,524.00	2			15,594				39,358	165,779	6.568	
<b>Bayboro Peaker</b>													
		342.00					No 2	659	5.712	3,764	92,095	26.928	139.750
TOTAL BYP	238	342.00	0			11,006				3,764	92,095	26.928	
<b>Citrus County</b>													

# A-4 System Net Generation and Fuel Cost Report

Report Period : 8/1/2020 to 8/1/2020

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 CCCC	1,884	1,092,819.00	78			6,827	Gas	7,243,774	1.030	7,461,087	23,447,007	2.146	3.237
<b>Debary Peaker</b>													
		1,683.65					No 2	4,048	5.768	23,348	462,193	27.452	114.178
		11,648.35					Gas	157,133	1.028	161,533	542,769	4.660	3.454
TOTAL DEP	707	13,332.00	3			13,867				184,881	1,004,961	7.538	
<b>Hines Energy</b>													
		1,220.00					No 2	1,552	5.775	8,963	122,514	10.042	78.940
		1,129,745.00					Gas	8,129,032	1.021	8,299,742	21,955,155	1.943	2.701
TOTAL HEP	2,184	1,130,965.00	70			7,347				8,308,704	22,077,669	1.952	
<b>Intercession City Peaker</b>													
		2,443.35					No 2	5,626	5.803	32,646	555,698	22.743	98.773
		39,917.65					Gas	519,320	1.027	533,342	1,340,810	3.359	2.582
TOTAL ICP	1,198	42,361.00	5			13,361				565,987	1,896,509	4.477	
<b>Osprey</b>													
		284,360.00					Gas	2,051,354	1.018	2,088,278	5,222,007	1.836	2.546
TOTAL OSP	600	284,360.00	64			7,344				2,088,278	5,222,007	1.836	
<b>Suwannee Peaker</b>													
		38.46					No 2	99	5.817	576	9,105	23.674	91.968
		4,666.84					Gas	68,176	1.025	69,880	234,378	5.022	3.438
TOTAL SRP	203	4,705.00	3			14,974				70,456	243,482	5.175	
<b>Tiger Bay Cogen</b>													
		107,686.00					Gas	869,185	1.018	884,830	2,431,600	2.258	2.798
TOTAL TBP	231	107,686.00	63			8,217				884,830	2,431,600	2.258	
<b>Univ of Florida Cogen</b>													
		0.00					No 2	0	0.000	0	28,347	0.000	0.000
		29,930.00					Gas	275,645	1.026	282,813	888,567	2.969	3.224
TOTAL UFP	43	29,930.00	94			9,449				282,813	916,915	3.064	
<b>TOTAL Gas Turbine</b>	8,819	3,394,724.00				7,342				24,924,447	70,070,572	2.064	
<b>SYSTEM TOTAL</b>	11,658	4,250,284.50				7,997				33,990,762	103,341,889	2.431	

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 8/1/2020

Duke Energy Florida, LLC

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPUT FAC(%)	(G) AVE NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	(M) FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT (\$)
<b>Solar</b>													
<b>Columbia Solar   1</b>													
TOTAL CSF 1	75	96,927.00	22			0				0	0	0.000	
<b>Debary Solar 1</b>													
TOTAL DSF 1	74	46,983.00	11			0				0	0	0.000	
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	127,752.00	29			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	70,087.00	27			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	4,226.00	18			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	6,271.00	21			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	12,601.00	24			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	75	121,905.00	28			0				0	0	0.000	
St. Pete Pier	0.35	155.26	12			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>362</b>	<b>486,907.26</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		827,309.00					Gas	9,453,464	1.025	9,692,804	33,346,919	4.031	3.527
TOTAL UNIT 1	521	827,309.00	27			11,716				9,692,804	33,346,919	4.031	
		656,774.00					Gas	7,478,630	1.025	7,665,869	25,252,486	3.845	3.377
TOTAL UNIT 2	514	656,774.00	22			11,672				7,665,869	25,252,486	3.845	
<b>Crystal River 4 &amp; 5</b>													
		729,594.00					Coal	356,566	22.651	8,076,585	30,306,561	4.154	84.996
		0.00					No 2	12,724	3.476	44,225	1,778,749	0.000	139.795
TOTAL UNIT 4	721	729,594.00	17			11,131				8,120,810	32,085,310	4.398	
		1,203,268.00					Coal	570,417	23.002	13,120,961	49,235,021	4.092	86.314
		0.00					No 2	14,007	4.554	63,794	1,806,082	0.000	128.941
TOTAL UNIT 5	721	1,203,268.00	28			10,957				13,184,755	51,041,103	4.242	
<b>TOTAL Steam</b>	<b>2,477</b>	<b>3,416,945.00</b>				<b>11,315</b>				<b>38,664,239</b>	<b>141,725,818</b>	<b>4.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
		4,766,634.00					Gas	35,100,613	1.022	35,857,710	99,468,508	2.087	2.834
TOTAL BCC	1,308	4,766,634.00	62			7,523				35,857,710	99,468,508	2.087	
<b>Bartow Peaker</b>													
		1,468.21					No 2	3,929	5.712	22,442	408,723	27.838	104.027
		10,935.79					Gas	163,259	1.024	167,160	544,169	4.976	3.333
TOTAL BAP	223	12,404.00	1			15,286				189,603	952,891	7.682	
<b>Bayboro Peaker</b>													
		1,439.35					No 2	3,763	5.712	21,494	525,934	36.540	139.765
TOTAL BYP	238	1,439.00	0			14,933				21,494	525,934	36.540	
<b>Citrus County</b>													

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 8/1/2020

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 CCCC	1,884	8,202,682.00	74			6,837	Gas	54,519,762	1.029	56,080,331	197,720,756	2.410	3.627
<b>Debary Peaker</b>													
		5,775.80					No 2	13,882	5.769	80,085	1,585,258	27.447	114.195
		98,930.20					Gas	1,335,021	1.027	1,371,724	4,625,610	4.676	3.465
TOTAL DEP	707	104,706.00	3			13,866				1,451,809	6,210,868	5.932	
<b>Hines Energy</b>													
		1,483.74					No 2	1,881	5.780	10,872	149,126	10.051	79.280
		7,794,350.26					Gas	55,854,719	1.022	57,111,036	166,068,568	2.131	2.973
TOTAL HEP	2,184	7,795,834.00	61			7,327				57,121,907	166,217,694	2.132	
<b>Intercession City Peaker</b>													
		8,013.51					No 2	18,698	5.802	108,481	1,846,143	23.038	98.735
		231,117.30					Gas	3,049,945	1.026	3,128,706	8,401,185	3.635	2.755
TOTAL ICP	1,198	239,131.00	3			13,537				3,237,187	10,247,328	4.285	
<b>Osprey</b>													
		1,315,376.00					Gas	9,573,937	1.021	9,774,186	25,948,841	1.973	2.710
TOTAL OSP	600	1,315,376.00	37			7,431				9,774,186	25,948,841	1.973	
<b>Suwannee Peaker</b>													
		664.01					No 2	1,647	5.817	9,581	151,471	22.812	91.968
		39,293.99					Gas	552,665	1.026	566,951	1,919,656	4.885	3.473
TOTAL SRP	203	39,958.00	3			14,428				576,532	2,071,127	5.183	
<b>Tiger Bay Cogen</b>													
		373,511.00					Gas	2,878,028	1.024	2,947,941	8,252,412	2.209	2.867
TOTAL TBP	231	373,511.00	28			7,893				2,947,941	8,252,412	2.209	
<b>Univ of Florida Cogen</b>													
		0.00					No 2	0	0.000	0	28,347	0.000	0.000
		224,608.80					Gas	2,220,148	1.026	2,277,800	6,997,011	3.115	3.152
TOTAL UFP	46	224,609.00	83			10,141				2,277,800	7,025,358	3.128	
<b>TOTAL Gas Turbine</b>	8,822	23,076,284.00				7,347				169,536,500	524,641,717	2.274	
<b>SYSTEM TOTAL</b>	11,661	26,980,136.22				7,717				208,200,739	666,367,535	2.470	

# A-5 System Generation Fuel Cost Report

Report Period : 8/1/2020 to 8/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
4 - AMOUNT (\$)	0	0	0	0.0%
<b>5 - BURNED</b>				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	5,483	7,738	(2,255)	(29.1%)
20 - UNIT COST (\$/BBL)	159.32	118.11	41.21	34.9%
21 - AMOUNT (\$)	873,543	913,933	(40,390)	(4.4%)
<b>22 - BURNED</b>				
23 - UNITS (BBL)	16,074	7,738	8,336	107.7%
24 - UNIT COST (\$/BBL)	116.44	118.11	(1.67)	(1.4%)
25 - AMOUNT (\$)	1,871,713	913,933	957,780	104.8%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	567,543	586,874	(19,331)	(3.3%)
31 - UNIT COST (\$/BBL)	108.92	108.36	0.56	0.5%
32 - AMOUNT (\$)	61,817,925	63,592,212	(1,774,287)	(2.8%)
33 -				



# A-5 System Generation Fuel Cost Report

Report Period : 8/1/2020 to 8/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>34 - DAYS SUPPLY</b>	1,079	2,275	(1,196)	(52.6%)
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	191,443	181,845	9,598	5.3%
37 - UNIT COST (\$/TON)	73.90	89.70	(15.80)	(17.6%)
38 - AMOUNT (\$)	14,147,834	16,311,312	(2,163,478)	(13.3%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	296,074	181,845	114,229	62.8%
41 - UNIT COST (\$/TON)	82.35	89.70	(7.35)	(8.2%)
42 - AMOUNT (\$)	24,380,898	16,311,312	8,069,586	49.5%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	301,339	520,729	(219,390)	(42.1%)
48 - UNIT COST (\$/TON)	82.35	86.03	(3.68)	(4.3%)
49 - AMOUNT (\$)	24,814,495	44,798,943	(19,984,448)	(44.6%)
50 -				
<b>51 - DAYS SUPPLY</b>	32	86	(54)	(63.3%)
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	26,683,363	27,948,367	(1,265,004)	(4.5%)
54 - UNIT COST (\$/MCF)	2.89	3.03	(0.14)	(4.8%)
55 - AMOUNT (\$)	77,089,278	84,776,628	(7,687,350)	(9.1%)
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

# A-5 System Generation Fuel Cost Report

Report Period : 1/1/2020 to 8/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
4 - AMOUNT (\$)	0	0	0	0.0%
<b>5 - BURNED</b>				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0		0	0.0%
11 - AMOUNT (\$)	0		0	0.0%
<b>12 - ENDING INVENTORY</b>				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	32,685	36,550	(3,865)	(10.6%)
20 - UNIT COST (\$/BBL)	120.35	107.23	13.12	12.2%
21 - AMOUNT (\$)	3,933,758	3,919,280	14,478	0.4%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	70,531	55,338	15,193	27.5%
24 - UNIT COST (\$/BBL)	117.39	117.30	0.09	0.1%
25 - AMOUNT (\$)	8,279,834	6,491,068	1,788,766	27.6%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	567,543	586,874	(19,331)	(3.3%)
31 - UNIT COST (\$/BBL)	108.92	108.36	0.56	0.5%
32 - AMOUNT (\$)	61,817,925	63,592,212	(1,774,287)	(2.8%)
33 -				

# A-5 System Generation Fuel Cost Report

Report Period : 1/1/2020 to 8/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>34 - DAYS SUPPLY</b>	0	0	0	0.0%
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	890,202	806,675	83,527	10.4%
37 - UNIT COST (\$/TON)	88.49	93.79	(5.30)	(5.7%)
38 - AMOUNT (\$)	78,771,327	75,659,670	3,111,657	4.1%
<b>39 - BURNED</b>				
40 - UNITS (TON)	926,983	624,067	302,916	48.5%
41 - UNIT COST (\$/TON)	85.81	90.45	(4.64)	(5.1%)
42 - AMOUNT (\$)	79,541,582	56,445,476	23,096,106	40.9%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	301,339	520,729	(219,390)	(42.1%)
48 - UNIT COST (\$/TON)	82.35	86.03	(3.68)	(4.3%)
49 - AMOUNT (\$)	24,814,495	44,798,943	(19,984,448)	(44.6%)
50 -				
<b>51 - DAYS SUPPLY</b>	0	0	0	0.0%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	182,180,191	185,148,546	(2,968,355)	(1.6%)
54 - UNIT COST (\$/MCF)	3.18	3.20	(0.02)	(0.6%)
55 - AMOUNT (\$)	578,546,119	591,591,009	(13,044,890)	(2.2%)
<b>NUCLEAR</b>				
<b>56 - BURNED</b>				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

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

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
<b>ESTIMATED</b>		23,481		23,481	3.806	4.771	893,645.00	1,120,246	226,601.00
<b>ACTUAL</b>									
EDF Trading North America, LLC		150		150	1.550	1.888	2,325.60	2,832.48	506.88
Orlando Utilities Commission	Schedule OS	4,800		4,800	4.022	4.512	193,071.00	216,597.00	23,526.00
Reedy Creek Improvement District	CR-1	5,095		5,095	1.404	1.786	71,511.25	90,997.55	19,486.30
Tallahassee (City of)	CR-1	6,527		6,527	2.965	4.203	193,543.08	274,302.84	80,759.76
Tallahassee (City of)	Schedule A	93		93	2.211	4.011	2,057	3,731	1,674
Tampa Electric Company	CR-1	4,760		4,760	3.535	4.724	168,271	224,858	56,587
The Energy Authority	Schedule OS	11,250		11,250	1.399	1.858	157,396	209,003	51,606
<b>Adjustments:</b>									
Tampa Electric Company								18,396.68	18,396.68
<b>Subtotal - Gain on Other Power Sales</b>		32,675	-	32,675	2.412	3.185	788,174.40	1,040,717.40	252,543.00
CURRENT MONTH TOTAL		32,675		32,675	2.412	3.185	788,174.40	1,040,717.40	252,543.00
DIFFERENCE		9,195		9,195	(1.394)	(1.586)	(105,470.60)	(79,528.60)	25,942.00
DIFFERENCE %		39.16		39.16	(36.62)	(33.24)	(11.80)	(7.10)	11.45
CUMULATIVE ACTUAL		84,105		84,105	2.010	2.860	1,690,344.75	2,405,349.04	715,004.29
CUMULATIVE ESTIMATED		75,136		75,136	2.817	3.713	2,116,293.00	2,790,071.00	673,779.00
DIFFERENCE		8,969		8,969	-0.807	(0.853)	(425,948.25)	(384,721.96)	41,225.29
DIFFERENCE %		11.94		11.94	(28.65)	(22.98)	(20.13)	(13.79)	6.12

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
AUGUST, 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 \$
<b>ESTIMATED</b>		182,033			182,033	2.514	2.514	4,575,768.00	4,575,768.00
<b>ACTUAL</b>									
Shady Hills Power Company, L.L.C.	TOLL	4,852			4,852	6.180	6.180	299,870.93	299,870.93
Southern Power Company	Franklin	167,677			167,677	3.169	3.169	5,313,069.70	5,313,069.70
Vandolah Power Company L.L.C.	TOLL	54,732			54,732	5.265	5.265	2,881,872.75	2,881,872.75
<b>ADJUSTMENTS</b>									
Shady Hills Power Company, L.L.C.	TOLL	15			15	(257.287)	(257.287)	(38,593.09)	(38,593.09)
Southern Power Company	Franklin	36,418			36,418	(0.964)	(0.964)	(350,897.15)	(350,897.15)
Vandolah Power Company L.L.C.	TOLL	3,087			3,087	(5.290)	(5.290)	(163,317.23)	(163,317.23)
<b>CURRENT MONTH TOTAL</b>		266,781			266,781	2.977	2.977	7,942,005.91	7,942,005.91
<b>DIFFERENCE</b>		84,748			84,748	0.463	0.463	3,366,237.91	3,366,237.91
<b>DIFFERENCE %</b>		47			47	18.430	18.430	73.57	73.57
<b>CUMULATIVE ACTUAL</b>		1,321,950			1,321,950	3.317	3.317	43,846,423.83	43,846,423.83
<b>CUMULATIVE ESTIMATED</b>		1,309,168			1,309,168	3.235	3.235	42,357,100.00	42,357,100.00
<b>DIFFERENCE</b>		12,782			12,782	0.081	0.081	1,489,323.83	1,489,323.83
<b>DIFFERENCE %</b>		1			1	2.515	2.515	3.52	3.52

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES  
FOR THE MONTH OF:  
AUGUST, 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		233,845	-	-	233,845	3.597	15.210	8,411,122.26
ACTUAL								
Citrus World (CITRUS) ADJ	CO-GEN	3 (94)			3 (94)	1.460	1.460	48.33 (1,391.00)
Lake County (LAKCOUNT) ADJ	CO-GEN	124 -			124 -	1.735	1.735	2,151.27 419.81
Metro-Dade County (METRDDAS) ADJ	CO-GEN	- -			- -	-	0.000	- (87,128.88)
Orange Cogen (ORANGEAS) ADJ	CO-GEN	799 -			799 -	1.453	1.453	11,609.57 1,577.27
Orange Cogen (ORANGECO) ADJ	CO-GEN	36,627 -			36,627 -	3.856	19.944	1,412,332.87 5,505.43
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	88,276 -			88,276 -	5.207	11.911	4,596,756.73 (5,291.75)
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	16,656 -			16,656 -	1.635	14.645	272,297.06 19,284.67
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	22 (23)			22 (23)	1.850	1.850	399.31 (312.27)
Pinellas County Resource Recovery (PINCOUNT) ADJ	CO-GEN	40,361 -			40,361 -	1.631	14.416	658,175.84 47,719.05
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	33,194 -			33,194 -	1.865	25.516	619,233.98 (9,294.48)
CURRENT MONTH TOTAL		215,945			215,945	3.494	15.965	7,544,092.82
DIFFERENCE		(17,900)			(17,900)	(0.103)	0.754	(867,029.44)
DIFFERENCE %		(7.65)			(7.65)	(2.87)	4.96	(10.31)
CUMULATIVE ACTUAL		1,618,280			1,618,280	3.394	16.791	54,921,532.02
CUMULATIVE ESTIMATED		1,675,714			1,675,714	3.410	16.375	57,140,152.94
CUMULATIVE DIFFERENCE		(57,434)			(57,434)	(0.016)	0.416	(2,218,620.92)
CUMULATIVE DIFFERENCE %		(3.43)			(3.43)	(0.47)	2.54	(3.88)

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A9

ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
FOR THE MONTH OF:  
AUGUST, 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		2,728	4.166	113,649	4.674	127,498.00	13,849.00
<b>ACTUAL:</b>							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	4,230	2.797	118,326.13	2.797	118,326.13	-
<b>ADJUSTMENTS</b>							
Duke Electric Transmission				(178.07)			178.07
PJM Settlements				(859.13)			859.13
Tampa Electric				325,224.69			325,225.69
SubTotal - Energy Purchases (Non-Broker)		4,230	10.460	442,513.62	2.797	118,326.13	326,262.89
CURRENT MONTH TOTAL		4,230	10.460	442,513.62	2.797	118,326.13	326,262.89
DIFFERENCE		1,502	6.294	328,864.62	(1.877)	(9,171.87)	312,413.89
DIFFERENCE %		55	151.084	289.37	(40.158)	(7.19)	2,255.86
CUMULATIVE ACTUAL		102,174	3.284	3,354,944.02	3.735	3,815,969.19	1,111,476.15
CUMULATIVE ESTIMATED		97,065	3.067	2,977,213.00	3.839	3,725,897.00	748,684.00
DIFFERENCE		5,109	0.216	377,731.02	(0.104)	90,072.19	362,792.15
DIFFERENCE %		5	7.053	12.69	(2.704)	2.42	48.46



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

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	5,880,980	5,893,358	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169					47,097,355
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355					47,386,839
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740					17,181,920
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555					40,900,440
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	7,859,863					64,466,881
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0	0	0	0	0	0					0
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,016,449	5,550,785	2,815,069	2,816,679	1,738,090	4,096,953	5,413,842	6,559,806					33,007,672
8 Retail Wheeling				(10,726)	(9,947)	0	(17,012)	(2,126)	(837)	(8,413)	(36,277)					(85,337)
9 CR-3 Projected Expense				0	0	0	0	0	0	0	0					0
10 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320					4,586,558
11 Vandolah Capacity Purchase			June 2012 - May 2027	2,939,299	2,876,217	1,958,481	1,943,807	2,807,348	5,839,892	5,903,915	5,834,456					30,103,415
12 Schedule H Capacity Sales - Tallahassee	1	-1	on-going no term date	0	0	(32,469)	0	0	0	0	(32,125)					(64,594)
13 Shady Hills Tolling	1	517	4/1/07-4/30/24	1,973,160	1,973,160	1,973,160	802,440	1,912,680	3,911,760	3,904,200	3,904,200					20,354,760
14 RidgeGen Agreement Termination				708,094	704,621	701,149	697,676	694,203	690,731	687,052	683,585					5,567,111
15 Hamilton SoBRA True-Up				0	0	0	0	0	0	0	0					0
16 Columbia SoBRA True-Up				0	0	0	0	0	0	0	0					0
17 Lake Placid SoBRA True-Up				0	0	0	0	0	0	0	0					0
18 Trenton SoBRA True-Up				0	0	0	0	0	0	0	0					0
19 Debary SoBRA True-Up				0	0	0	0	0	0	0	0					0
20 State Corporate Income Tax Change				0	0	(3,491,633)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)					(4,655,513)
<b>TOTAL</b>				<b>37,350,944</b>	<b>38,831,881</b>	<b>31,654,613</b>	<b>33,741,670</b>	<b>34,648,275</b>	<b>42,036,580</b>	<b>43,398,675</b>	<b>44,184,870</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>305,847,507</b>