



Matthew R. Bernier  
ASSOCIATE GENERAL COUNSEL

July 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, are Schedules A1 through A9 and A12 for the reporting month of June, 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/cm  
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 June, 2020.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

JUNE 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)	89,708,430	104,154,357	(14,445,927)	(13.9)	3,760,389	3,959,261	(198,871)	(5.0)	2.3856	2.6307	(0.2451)	(9.3)
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	1,139,918	1,136,306	3,612	0.3	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	90,848,348	105,290,663	(14,442,314)	(13.7)	3,760,389	3,959,261	(198,871)	(5.0)	2.4159	2.6594	(0.2435)	(9.2)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	9,797,876	2,624,843	7,173,033	273.3	263,771	97,243	166,528	171.3	3.7145	2.6993	1.0152	37.6
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)	188,921	114,475	74,446	65.0	7,127	2,544	4,584	180.2	2.6507	4.5005	(1.8498)	(41.1)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	7,427,850	9,290,881	(1,863,031)	(20.1)	220,435	236,406	(15,971)	(6.8)	3.3696	3.9301	(0.5605)	(14.3)
9 TOTAL COST OF PURCHASED POWER	17,414,646	12,030,199	5,384,447	44.8	491,333	336,193	155,140	46.2	3.5444	3.5784	(0.0340)	(1.0)
10 TOTAL AVAILABLE MWH					4,251,722	4,295,453	(43,731)	(1)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(211,899)	(876,627)	664,728	(75.8)	(9,565)	(24,480)	14,915	(60.9)	2.2154	3.5811	(1.3657)	(38.1)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(161,310)	(229,924)	68,614	(29.8)	(9,565)	(24,480)	14,915	(60.9)	1.6865	0.9392	0.7473	79.6
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(6,232,898)	(2,833,693)	(3,399,205)	120.0	(300,281)	(146,149)	(154,132)	105.5	2.0757	1.9389	0.1368	7.1
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(6,606,107)	(3,940,244)	(2,665,863)	67.7	(309,846)	(170,629)	(139,217)	81.6	2.1321	2.3092	(0.1771)	(7.7)
14 NET INADVERTENT AND WHEELED INTERCHANGE					25,156	0	25,156					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	101,656,887	113,380,618	(11,723,730)	(10.3)	3,967,032	4,124,824	(157,792)	(3.8)	2.5625	2.7487	(0.1862)	(6.8)
16 NET UNBILLED	6,437,235	5,497,528	939,707	17.1	(251,205)	(200,002)	(51,203)	25.6	0.1852	0.1501	0.0351	23.4
17 COMPANY USE	287,718	381,667	(93,949)	(24.6)	(11,228)	(13,885)	2,657	(19.1)	0.0083	0.0104	(0.0021)	(20.2)
18 T & D LOSSES	5,849,029	6,803,414	(954,385)	(14.0)	(228,251)	(247,510)	19,259	(7.8)	0.1683	0.1857	(0.0174)	(9.4)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	101,656,887	113,380,618	(11,723,730)	(10.3)	3,476,348	3,663,427	(187,078)	(5.1)	2.9242	3.0949	(0.1707)	(5.5)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(762,427)	(566,903)	(195,524)	34.5	(25,961)	(18,474)	(7,487)	40.5	2.9368	3.0686	(0.1318)	(4.3)
21 JURISDICTIONAL KWH SALES	100,894,461	112,813,715	(11,919,254)	(10.6)	3,450,388	3,644,952	(194,565)	(5.3)	2.9241	3.0951	(0.1710)	(5.5)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	100,925,738	112,848,687	(11,922,949)	(10.6)	3,450,388	3,644,952	(194,565)	(5.3)	2.9251	3.0960	(0.1709)	(5.5)
23 PRIOR PERIOD TRUE-UP	1,205,224	1,205,224	(0)	0.0	3,450,388	3,644,952	(194,565)	(5.3)	0.0349	0.0331	0.0018	5.4
24 TOTAL JURISDICTIONAL FUEL COST	102,130,962	114,053,911	(11,922,949)	(10.5)	3,450,388	3,644,952	(194,565)	(5.3)	2.9600	3.1291	(0.1691)	(5.4)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.9621	3.1314	(0.1693)	(5.4)
27 GPIF	215,975	215,975			3,450,388	3,644,952			0.0063	0.0059	0.0004	6.8
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.968	3.137	(0.169)	(5.4)

\*Line 11a. MWH Data for Informational Purposes Only

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

DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
YEAR TO DATE - JUNE 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)	461,255,106	490,273,099	(29,017,993)	(5.9)	18,428,845	18,651,072	(222,227)	(1.2)	2.5029	2.6287	(0.1258)	(4.8)
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	(6,309,342)	(6,325,722)	16,380	(0.3)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	454,945,764	483,947,377	(29,001,613)	(6.0)	18,428,845	18,651,072	(222,227)	(1.2)	2.4687	2.5947	(0.1260)	(4.9)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	29,247,948	13,922,194	15,325,753	110.1	803,401	461,945	341,456	73.9	3.6405	3.0138	0.6267	20.8
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)	2,685,678	1,081,588	1,604,090	148.3	89,764	34,833	54,932	157.7	2.9919	3.1051	(0.1132)	(3.7)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	40,321,435	50,848,813	(10,527,377)	(20.7)	1,208,024	1,353,949	(145,925)	(10.8)	3.3378	3.7556	(0.4178)	(11.1)
9 TOTAL COST OF PURCHASED POWER	72,255,061	65,852,595	6,402,466	9.7	2,101,189	1,850,727	250,462	13.5	3.4388	3.5582	(0.1194)	(3.4)
10 TOTAL AVAILABLE MWH					20,530,035	20,501,799	28,235	0.1				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(555,698)	(1,850,551)	1,294,854	(70.0)	(30,526)	(61,721)	31,195	(50.5)	1.8204	2.9983	(1.1779)	(39.3)
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(278,059)	(488,439)	210,381	(43.1)	(30,526)	(61,721)	31,195	(50.5)	0.9109	0.7914	0.1195	15.1
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	(17,457,611)	(10,889,763)	(6,567,848)	60.3	(929,848)	(586,836)	(343,012)	58.5	1.8775	1.8557	0.0218	1.2
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(18,291,367)	(13,228,754)	(5,062,613)	38.3	(960,374)	(648,557)	(311,817)	48.1	1.9046	2.0397	(0.1351)	(6.6)
14 NET INADVERTENT AND WHEELED INTERCHANGE					110,445	33,592	76,853					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	508,909,459	536,571,218	(27,661,760)	(5.2)	19,680,106	19,886,835	(206,729)	(1.0)	2.5859	2.6981	(0.1122)	(4.2)
16 NET UNBILLED	14,575,382	29,052,384	(14,477,002)	(49.8)	(544,467)	(1,052,805)	508,338	(48.3)	0.0813	0.1677	(0.0864)	(51.5)
17 COMPANY USE	1,918,401	2,151,339	(232,938)	(10.8)	(73,858)	(79,427)	5,569	(7.0)	0.0107	0.0124	(0.0017)	(13.7)
18 T & D LOSSES	29,404,910	38,270,206	(8,865,296)	(23.2)	(1,140,740)	(1,433,074)	292,334	(20.4)	0.1641	0.2209	(0.0568)	(25.7)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	508,909,459	536,571,218	(27,661,760)	(5.2)	17,921,041	17,321,529	599,512	3.5	2.8397	3.0977	(0.2580)	(8.3)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(3,721,642)	(2,858,578)	(863,064)	30.2	(130,469)	(92,517)	(37,952)	41.0	2.8525	3.0898	(0.2373)	(7.7)
21 JURISDICTIONAL KWH SALES	505,187,816	533,712,640	(28,524,824)	(5.3)	17,790,572	17,229,012	561,560	3.3	2.8396	3.0978	(0.2582)	(8.3)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	505,346,546	533,880,213	(28,533,667)	(5.3)	17,790,572	17,229,012	561,560	3.3	2.8405	3.0987	(0.2582)	(8.3)
23 PRIOR PERIOD TRUE-UP	(71,000,443)	(71,000,441)	(2)	0.0	17,790,572	17,229,012	561,560	3.3	(0.3991)	(0.4121)	0.0130	(3.2)
24 TOTAL JURISDICTIONAL FUEL COST	434,346,103	462,879,772	(28,533,669)	(6.2)	17,790,572	17,229,012	561,560	3.3	2.4414	2.6866	(0.2452)	(9.1)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									2.4432	2.6885	(0.2454)	(9.1)
27 GPIF	1,295,849	1,295,850			17,790,572	17,229,012			0.0073	0.0075	(0.0002)	102.7
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									2.451	2.696	(0.246)	(9.1)

\*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  
JUNE 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	\$89,708,430	104,154,357	(\$14,445,927)	(13.9)	\$461,255,106	\$490,273,099	(\$29,017,993)	(5.9)
1a. COAL CAR SALE	0	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(211,899)	(876,627)	664,728	(75.8)	(555,698)	(1,850,551)	1,294,854	(70.0)
2a. GAIN ON POWER SALES	(161,310)	(229,924)	68,614	(29.8)	(278,059)	(488,439)	210,381	(43.1)
3 . FUEL COST OF PURCHASED POWER	9,797,876	2,624,843	7,173,033	273.3	29,247,948	13,922,194	15,325,753	110.1
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,427,850	9,290,881	(1,863,031)	(20.1)	40,321,435	50,848,813	(10,527,377)	(20.7)
4 . ENERGY COST OF ECONOMY PURCHASES	188,921	114,475	74,446	65.0	2,685,678	1,081,588	1,604,090	148.3
5 . TOTAL FUEL & NET POWER TRANSACTIONS	106,749,867	115,078,005	(8,328,138)	(7.2)	532,676,411	553,786,704	(21,110,292)	(3.8)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(6,232,898)	(2,833,693)	(3,399,205)	120.0	(17,457,611)	(10,889,763)	(6,567,848)	60.3
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	1,139,918	1,136,306	3,612	0.3	(6,309,342)	(6,325,722)	16,380	(0.3)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$101,656,887	\$113,380,618	(\$11,723,730)	(10.3)	\$508,909,459	\$536,571,218	(\$27,661,760)	(5.2)

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)	750	0	750	4,360	0	4,360	
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	1,139,168	0	1,139,168	6,886,139	0	6,886,139	
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>\$1,139,918</b>	<b>\$0</b>	<b>\$1,139,918</b>	<b>(\$6,309,342)</b>	<b>\$0</b>	<b>(\$6,309,342)</b>	

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

B. KWH SALES

1 . JURISDICTIONAL SALES	3,443,260,699	3,644,952,420	(201,691,721)	(5.5)	17,783,443,582	17,229,011,809	554,431,773	3.2
2 . NON JURISDICTIONAL (WHOLESALE) SALES	25,960,938	18,474,400	7,486,538	40.5	130,468,867	92,516,928	37,951,939	41.0
3 . TOTAL SALES	3,469,221,637	3,663,426,820	(194,205,183)	(5.3)	17,913,912,449	17,321,528,737	592,383,712	3.4
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.25	99.50	(0.25)	(0.3)	99.27	99.47	(0.20)	(0.2)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>C. TRUE UP CALCULATION</b>								
1. JURISDICTIONAL FUEL REVENUE	\$115,589,082	\$121,835,937	(\$6,246,854)	(5.1)	\$509,178,083	\$493,166,514	\$16,011,568	3.3
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	71,000,443	71,000,441	2	0.0
2b. INCENTIVE PROVISION	(215,975)	(215,975)	0	0.0	(1,295,849)	(1,295,850)	2	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	114,167,884	120,414,738	(6,246,854)	(5.2)	578,882,677	562,871,105	16,011,572	2.8
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	101,656,887	113,380,618	(11,723,730)	(10.3)	508,909,459	536,571,218	(27,661,760)	(5.2)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.25	99.50	(0.25)	(0.3)	99.27	99.47	(0.20)	(0.2)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00031 LOSS MULTIPLIER)	100,925,738	112,848,687	(11,922,949)	(10.6)	505,346,546	533,880,213	(28,533,667)	(5.3)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	13,242,146	7,566,051	5,676,095	75.0	73,536,131	28,990,892	44,545,239	153.7
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(3,260)	(109,709)	106,449	(97.0)	(65,341)	(248,340)	182,999	(73.7)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(47,971,677)	(86,917,368)	38,945,691	(44.8)	(35,997,914)	(35,997,914)	(0)	0.0
10. TRUE UP COLLECTED (REFUNDED)	1,205,224	1,205,224	(0)	0.0	(71,000,443)	(71,000,441)	(2)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(33,527,567)	(78,255,802)	44,728,235	(57.2)	(33,527,567)	(78,255,802)	44,728,235	(57.2)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$33,527,567)	(78,255,802)	44,728,235	(57.2)	(\$33,527,567)	(78,255,802)	44,728,235	(57.2)
<b>D. INTEREST PROVISION</b>								
1. BEGINNING TRUE UP (LINE C9)	(\$47,971,677)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(33,524,308)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(81,495,985)	N/A	--	--			<b>NOT</b>	
4. AVERAGE TRUE UP (50% OF LINE D3)	(40,747,992)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.080	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.110	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.190	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.095	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.008	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$3,260)	N/A	--	--				

## A-3 Generating System Comparative Data Report

Report Period : 6/1/2020 to 6/1/2020

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	1,497,965	194,392	1,303,573	670.6 %
3 - COAL	12,347,466	15,088,110	(2,740,644)	(18.2 %)
4 - GAS	75,863,000	88,871,855	(13,008,855)	(14.6 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	89,708,430	104,154,357	(14,445,927)	(13.9 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	1,913	0	1,913	0.0 %
11 - COAL	303,866	397,011	(93,145)	(23.5 %)
12 - GAS	3,377,791	3,475,946	(98,155)	(2.8 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	76,819	86,304	(9,485)	(11.0 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,760,389	3,959,261	(198,872)	(5.0 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	12,892	1,353	11,539	852.8 %
19 - COAL (TON)	143,523	181,613	(38,090)	(21.0 %)
20 - GAS (MCF)	25,649,038	25,196,388	452,650	1.8 %
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	74,337	7,885	66,452	842.8 %
26 - COAL	3,361,596	4,243,451	(881,855)	(20.8 %)
27 - GAS	26,195,265	25,196,388	998,877	4.0 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	29,631,198	29,447,724	183,474	0.6 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.1	0.00	0.1	0.0 %
34 - COAL	8.1	10.03	(1.9)	(19.4 %)
35 - GAS	89.8	87.79	2.0	2.3 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	2.0	2.18	(0.1)	(6.3 %)
38	0	0	0	0

### A-3 Generating System Comparative Data Report

Report Period : 6/1/2020 to 6/1/2020

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)	116.19	143.67	(27.48)	(19.1 %)
42 - COAL (\$/TON)	86.03	83.08	2.95	3.6 %
43 - GAS (\$/MCF)	2.96	3.53	(0.57)	(16.1 %)
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	20.15	24.65	(4.50)	(18.3 %)
49 - COAL	3.67	3.56	0.12	3.3 %
50 - GAS	2.90	3.53	(0.63)	(17.9 %)
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)	3.03	3.54	(0.51)	(14.4 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	38,859	0	38,859	0.0 %
57 - COAL	11,063	10,688	374	3.5 %
58 - GAS	7,755	7,249	506	7.0 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,880	7,438	442	5.9 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	78.31	0.00	78.31	0.0 %
65 - COAL	4.06	3.80	0.26	6.9 %
66 - GAS	2.25	2.56	(0.31)	(12.2 %)
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)	2.39	2.63	(0.25)	(9.3 %)

## A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 6/1/2020

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	4,644,976	1,409,228	3,235,748	229.6 %
3 - COAL	32,020,124	32,186,599	(166,475)	(0.5 %)
4 - GAS	424,590,006	456,677,272	(32,087,266)	(7.0 %)
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	461,255,106	490,273,099	(29,017,993)	(5.9 %)
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	7,894	2,967	4,927	166.1 %
11 - COAL	799,013	693,928	105,085	15.1 %
12 - GAS	17,285,845	17,571,614	(285,769)	(1.6 %)
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	336,093	382,565	(46,472)	(12.1 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	18,428,844	18,651,074	(222,230)	(1.2 %)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	39,621	10,611	29,010	273.4 %
19 - COAL (TON)	362,862	320,654	42,208	13.2 %
20 - GAS (MCF)	128,693,433	126,359,771	2,333,662	1.8 %
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	182,794	61,465	121,329	197.4 %
26 - COAL	8,637,987	7,480,538	1,157,449	15.5 %
27 - GAS	131,919,936	127,329,098	4,590,838	3.6 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	140,740,717	134,871,101	5,869,616	4.4 %
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.0	0.02	0.0	169.3 %
34 - COAL	4.3	3.72	0.6	16.5 %
35 - GAS	93.8	94.21	(0.4)	(0.4 %)
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	1.8	2.05	(0.2)	(11.1 %)
38	0	0	0	0

## A-3 Generating System Comparative Data Report

Report Period : 1/1/2020 to 6/1/2020

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)	117.22	132.81	(15.59)	(11.7 %)
42 - COAL (\$/TON)	88.24	100.38	(12.13)	(12.1 %)
43 - GAS (\$/MCF)	3.30	3.61	(0.31)	(8.7 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	25.41	22.93	2.48	10.8 %
49 - COAL	3.71	4.30	(0.60)	(13.8 %)
50 - GAS	3.22	3.59	(0.37)	(10.3 %)
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)	3.28	3.64	(0.36)	(9.8 %)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	23,156	20,716	2,440	11.8 %
57 - COAL	10,811	10,780	31	0.3 %
58 - GAS	7,632	7,246	385	5.3 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,637	7,231	406	5.6 %
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	58.84	47.50	11.34	23.9 %
65 - COAL	4.01	4.64	(0.63)	(13.6 %)
66 - GAS	2.46	2.60	(0.14)	(5.5 %)
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)	2.50	2.63	(0.13)	(4.8 %)

# A-4 System Net Generation and Fuel Cost Report

Report Period : 6/1/2020 to 6/1/2020

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	17,981.00	33			0				0	0	0.000	
<b>Debary Solar 1</b>													
TOTAL DSF 1	74	12,869.00	24			0				0	0	0.000	
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	16,998.00	31			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	9,691.00	30			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	422.00	15			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	823.00	23			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	1,287.00	20			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	75	16,748.00	31			0				0	0	0.000	
St. Pete Pier	0.35	0.00	0			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>362</b>	<b>76,819.00</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		131,171.00					Gas	1,477,535	1.023	1,511,518	4,599,359	3.506	3.113
TOTAL UNIT 1	521	131,171.00	35			11,523				1,511,518	4,599,359	3.506	
		126,431.00					Gas	1,443,295	1.023	1,476,491	4,492,775	3.554	3.113
TOTAL UNIT 2	514	126,431.00	34			11,678				1,476,491	4,492,775	3.554	
<b>Crystal River 4 &amp; 5</b>													
		68,387.00					Coal	31,762	23.422	743,930	2,732,525	3.996	86.031
		0.00					No 2	2,626	5.736	15,063	359,262	0.000	136.810
TOTAL UNIT 4	721	68,387.00	13			11,098				758,992	3,091,787	4.521	
		235,479.00					Coal	111,761	23.422	2,617,666	9,614,941	4.083	86.031
		0.00					No 2	1,728	5.736	9,912	236,407	0.000	136.810
TOTAL UNIT 5	721	235,479.00	45			11,158				2,627,578	9,851,348	4.184	
<b>TOTAL Steam</b>	<b>2,477</b>	<b>561,468.00</b>				<b>11,353</b>				<b>6,374,579</b>	<b>22,035,269</b>	<b>4.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
		653,418.00					Gas	4,755,954	1.017	4,836,805	12,570,611	1.924	2.643
TOTAL BCC	1,308	653,418.00	69			7,402				4,836,805	12,570,611	1.924	
<b>Bartow Peaker</b>													
		300.01					No 2	711	5.712	4,061	73,950	24.649	104.009
		2,657.99					Gas	35,207	1.022	35,982	109,483	4.119	3.110
TOTAL BAP	223	2,958.00	2			13,537				40,043	183,433	6.201	
<b>Bayboro Peaker</b>													
		72.00					No 2	210	5.712	1,200	29,271	40.655	139.387
TOTAL BYP	238	72.00	0			16,660				1,200	29,271	40.655	
<b>Citrus County</b>													

# A-4 System Net Generation and Fuel Cost Report

Report Period : 6/1/2020 to 6/1/2020

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	1,049,601.00	77			6,890	Gas	7,041,474	1.027	7,231,594	24,865,238	2.369	3.531
<b>Debary Peaker</b>													
		1,254.86					No 2	3,046	5.768	17,569	347,797	27.716	114.182
		16,390.14					Gas	224,092	1.024	229,470	698,230	4.260	3.116
TOTAL DEP	707	17,645.00	3			14,001				247,039	1,046,027	5.928	
<b>Hines Energy</b>													
		1,087,737.00					Gas	7,814,996	1.019	7,963,481	20,913,342	1.923	2.676
TOTAL HEP	2,184	1,087,737.00	69			7,321				7,963,481	20,913,342	1.923	
<b>Intercession City Peaker</b>													
		41.12					No 2	3,957	5.804	22,967	390,762	950.390	98.752
		935.88					Gas	513,251	1.019	522,777	1,367,682	146.138	2.665
TOTAL ICP	1,198	977.00	0			558,591				545,744	1,758,444	179.984	
<b>Osprey</b>													
		276,486.00					Gas	1,995,895	1.018	2,031,821	5,305,714	1.919	2.658
TOTAL OSP	600	276,486.00	64			7,349				2,031,821	5,305,714	1.919	
<b>Suwannee Peaker</b>													
		244.77					No 2	613	5.817	3,566	60,515	24.723	98.719
		6,558.93					Gas	93,401	1.023	95,549	290,734	4.433	3.113
TOTAL SRP	203	6,804.00	5			14,568				99,115	351,249	5.163	
<b>Tiger Bay Cogen</b>													
		0.00					Gas	0	0.000	0	(38,630)	0.000	0.000
TOTAL TBP	0	0.00	0			0				0	(38,630)	0.000	
<b>Univ of Florida Cogen</b>													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		26,404.10					Gas	253,938	1.023	259,778	688,464	2.607	2.711
TOTAL UFP	43	26,404.00	85			9,839				259,778	688,464	2.607	
<b>TOTAL Gas Turbine</b>	8,588	3,122,102.00				7,449				23,256,619	67,673,161	2.168	
<b>SYSTEM TOTAL</b>	11,427	3,760,388.80				7,880				29,631,198	89,708,430	2.386	

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 6/1/2020

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	62,329.00	19			0				0	0	0.000	
<b>Debary Solar 1</b>													
TOTAL DSF 1	74	21,202.00	7			0				0	0	0.000	
<b>Hamilton Solar Facility</b>													
TOTAL HSF 1	75	93,632.00	29			0				0	0	0.000	
<b>Lake Placid Solar Facility</b>													
TOTAL LKP 1	45	51,577.00	26			0				0	0	0.000	
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	3,308.00	19			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	4,705.00	22			0				0	0	0.000	
<b>Suwanee Solar Facility</b>													
TOTAL UNIT 1	9	9,238.00	23			0				0	0	0.000	
<b>Trenton Solar Facility</b>													
TOTAL TRN 1	75	90,093.00	28			0				0	0	0.000	
St. Pete Pier	0.35	8.62	1.1			0				0	0	0.000	
<b>TOTAL Solar</b>	<b>362</b>	<b>336,092.62</b>				<b>0</b>				<b>0</b>	<b>0</b>	<b>0.000</b>	
<b>Steam</b>													
<b>Anclote</b>													
		605,697.00					Gas	6,811,504	1.025	6,984,795	24,845,257	4.102	3.648
TOTAL UNIT 1	521	605,697.00	27			11,532				6,984,795	24,845,257	4.102	
		447,803.00					Gas	5,029,802	1.025	5,155,821	17,351,974	3.875	3.450
TOTAL UNIT 2	514	447,803.00	20			11,514				5,155,821	17,351,974	3.875	
<b>Crystal River 4 &amp; 5</b>													
		184,658.00					Coal	85,062	23.884	2,031,658	7,453,712	4.036	87.627
		0.00					No 2	8,085	2.185	17,664	1,091,197	0.000	134.966
TOTAL UNIT 4	721	184,658.00	6			11,098				2,049,322	8,544,909	4.627	
		614,355.00					Coal	277,800	23.781	6,606,330	24,566,412	3.999	88.432
		0.00					No 2	10,204	4.117	42,009	1,239,837	0.000	121.505
TOTAL UNIT 5	721	614,355.00	20			10,822				6,648,338	25,806,249	4.201	
<b>TOTAL Steam</b>	<b>2,477</b>	<b>1,852,513.00</b>				<b>11,249</b>				<b>20,838,276</b>	<b>76,548,389</b>	<b>4.000</b>	
<b>Gas Turbine</b>													
<b>Bartow Combined Cycle</b>													
		3,384,640.00					Gas	25,001,735	1.023	25,577,053	74,292,471	2.195	2.971
TOTAL BCC	1,308	3,384,640.00	59			7,557				25,577,053	74,292,471	2.195	
<b>Bartow Peaker</b>													
		942.65					No 2	2,452	5.712	14,006	255,115	27.064	104.044
		5,499.35					Gas	79,846	1.023	81,709	275,741	5.014	3.453
TOTAL BAP	223	6,442.00	1			14,858				95,715	530,855	8.241	
<b>Bayboro Peaker</b>													
		924.35					No 2	2,638	5.712	15,068	368,709	39.888	139.768
TOTAL BYP	238	924.00	0			16,301				15,068	368,709	39.888	
<b>Citrus County</b>													

# A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2020 to 6/1/2020

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	6,019,910.00	73			6,836	Gas	40,017,504	1.028	41,150,263	149,219,047	2.479	3.729
<b>Debary Peaker</b>													
		2,604.14					No 2	6,264	5.768	36,129	715,450	27.474	114.216
		72,097.86					Gas	973,488	1.028	1,000,272	3,471,533	4.815	3.566
TOTAL DEP	707	74,702.00	2			13,874				1,036,402	4,186,983	5.605	
<b>Hines Energy</b>													
		166.88					No 2	212	5.817	1,233	17,376	10.412	81.964
		5,439,025.12					Gas	39,284,723	1.023	40,193,070	121,209,866	2.229	3.085
TOTAL HEP	2,184	5,439,192.00	57			7,390				40,194,303	121,227,243	2.229	
<b>Intercession City Peaker</b>													
		2,830.99					No 2	8,718	5.803	50,589	860,910	30.410	98.751
		116,093.82					Gas	2,023,499	1.025	2,074,546	5,816,230	5.010	2.874
TOTAL ICP	1,198	118,925.00	2			17,870				2,125,135	6,677,140	5.615	
<b>Osprey</b>													
		738,583.00					Gas	5,415,585	1.023	5,538,876	15,577,650	2.109	2.876
TOTAL OSP	600	738,583.00	28			7,499				5,538,876	15,577,650	2.109	
<b>Suwannee Peaker</b>													
		425.31					No 2	1,048	5.817	6,096	96,382	22.662	91.968
		28,223.29					Gas	394,220	1.026	404,545	1,414,895	5.013	3.589
TOTAL SRP	203	28,649.00	3			14,334				410,641	1,511,278	5.275	
<b>Tiger Bay Cogen</b>													
		265,825.00					Gas	2,008,843	1.027	2,063,111	5,820,812	2.190	2.898
TOTAL TBP	231	265,825.00	26			7,761				2,063,111	5,820,812	2.190	
<b>Univ of Florida Cogen</b>													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		162,446.80					Gas	1,652,684	1.026	1,695,874	5,294,529	3.259	3.204
TOTAL UFP	46	162,447.00	81			10,440				1,695,874	5,294,529	3.259	
<b>TOTAL Gas Turbine</b>	8,822	16,240,239.00				7,383				119,902,441	384,706,717	2.369	
<b>SYSTEM TOTAL</b>	11,661	18,428,844.18				7,637				140,740,717	461,255,106	2.503	

# A-5 System Generation Fuel Cost Report

Report Period : 6/1/2020 to 6/1/2020

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)	1,599	1,353	246	18.2%
20 - UNIT COST (\$/BBL)	151.13	143.67	7.46	5.2%
21 - AMOUNT (\$)	241,662	194,392	47,270	24.3%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	12,892	1,353	11,539	852.8%
24 - UNIT COST (\$/BBL)	116.19	143.67	(27.48)	(19.1%)
25 - AMOUNT (\$)	1,497,965	194,392	1,303,573	670.6%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	586,874	604,058	(17,184)	(2.8%)
31 - UNIT COST (\$/BBL)	108.36	108.36	(0.00)	(0.0%)
32 - AMOUNT (\$)	63,592,212	65,456,505	(1,864,293)	(2.8%)
33 -				

# A-5 System Generation Fuel Cost Report

Report Period : 6/1/2020 to 6/1/2020

Duke Energy Florida, LLC

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>34 - DAYS SUPPLY</b>	1,366	13,394	(12,028)	(89.8%)
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	133,432	181,613	(48,181)	(26.5%)
37 - UNIT COST (\$/TON)	75.90	83.08	(7.18)	(8.6%)
38 - AMOUNT (\$)	10,127,697	15,088,110	(4,960,413)	(32.9%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	143,523	181,613	(38,090)	(21.0%)
41 - UNIT COST (\$/TON)	86.03	83.08	2.95	3.6%
42 - AMOUNT (\$)	12,347,466	15,088,110	(2,740,644)	(18.2%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	520,729	432,247	88,482	20.5%
48 - UNIT COST (\$/TON)	86.03	83.08	2.95	3.6%
49 - AMOUNT (\$)	44,798,943	35,910,389	8,888,554	24.8%
50 -				
<b>51 - DAYS SUPPLY</b>	109	71	37	52.4%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	25,649,038	25,196,388	452,650	1.8%
54 - UNIT COST (\$/MCF)	2.96	3.53	(0.57)	(16.1%)
55 - AMOUNT (\$)	75,863,000	88,871,855	(13,008,855)	(14.6%)
<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 6/1/2020

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)	20,835	9,055	11,780	130.1%
20 - UNIT COST (\$/BBL)	99.51	77.50	22.01	28.4%
21 - AMOUNT (\$)	2,073,188	701,732	1,371,456	195.4%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	39,621	10,611	29,010	273.4%
24 - UNIT COST (\$/BBL)	117.22	132.81	(15.59)	(11.7%)
25 - AMOUNT (\$)	4,644,976	1,409,228	3,235,748	229.6%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	586,874	604,058	(17,184)	(2.8%)
31 - UNIT COST (\$/BBL)	108.36	108.36	(0.00)	(0.0%)
32 - AMOUNT (\$)	63,592,212	65,456,505	(1,864,293)	(2.8%)
33 -				

# A-5 System Generation Fuel Cost Report

Report Period : 1/1/2020 to 6/1/2020

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)	545,470	414,781	130,689	31.5%
37 - UNIT COST (\$/TON)	93.93	102.41	(8.48)	(8.3%)
38 - AMOUNT (\$)	51,234,317	42,476,383	8,757,934	20.6%
<b>39 - BURNED</b>				
40 - UNITS (TON)	362,862	320,654	42,208	13.2%
41 - UNIT COST (\$/TON)	88.24	100.38	(12.13)	(12.1%)
42 - AMOUNT (\$)	32,020,124	32,186,599	(166,475)	(0.5%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	520,729	432,247	88,482	20.5%
48 - UNIT COST (\$/TON)	86.03	83.08	2.95	3.6%
49 - AMOUNT (\$)	44,798,943	35,910,389	8,888,554	24.8%
50 -				
<b>51 - DAYS SUPPLY</b>	0	0	0	0.0%
<b>GAS</b>				
<b>52 - BURNED</b>				
53 - UNITS (MCF)	128,693,433	126,359,771	2,333,662	1.8%
54 - UNIT COST (\$/MCF)	3.30	3.61	(0.31)	(8.7%)
55 - AMOUNT (\$)	424,590,006	456,677,272	(32,087,266)	(7.0%)
<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  
June 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>		24,480		24,480	3.581	4.520	876,627.00	1,106,551	229,924.00
<b>ACTUAL</b>									
Orlando Utilities Commission	Schedule OS	4,300		4,300	2.575	3.282	110,717.00	141,143.00	30,426.00
Reedy Creek Improvement District	CR-1	2,230		2,230	1.016	1.382	22,658.65	30,813.00	8,154.35
Tampa Electric Company	CR-1	2,300		2,300	2.935	5.348	67,502.07	123,012.21	55,510.14
The Energy Authority	EEL	50		50	1.217	1.305	608.43	652.71	44.28
The Energy Authority	Schedule OS	685		685	1.520	1.917	10,413.00	13,129.85	2,716.85
<b>Adjustments</b>									
PJM Settlements								(2.68)	(2.68)
Tampa Electric Company	Transmission Service							64,461.51	64,461.51
<b>Subtotal - Gain on Other Power Sales</b>		9,565	-	9,565	2.215	3.902	211,899.15	373,209.60	161,310.45
CURRENT MONTH TOTAL		9,565		9,565	2.215	3.902	211,899.15	373,209.60	161,310.45
DIFFERENCE		(14,915)		(14,915)	(1.366)	(0.618)	(664,727.85)	(733,341.40)	(68,613.55)
DIFFERENCE %		(60.93)		(60.93)	(38.14)	(13.68)	(75.83)	(66.27)	(29.84)
CUMULATIVE ACTUAL		30,526		30,526	1.820	2.731	555,697.52	833,756.10	278,058.58
CUMULATIVE ESTIMATED		61,720		61,720	2.998	3.790	1,850,551.00	2,338,990.00	488,439.00
DIFFERENCE		(31,194)		(31,194)	-1.178	(1.058)	(1,294,853.48)	(1,505,233.90)	(210,380.42)
DIFFERENCE %		(50.54)		(50.54)	(39.29)	(27.93)	(69.97)	(64.35)	(43.07)

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
JUNE, 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>		97,243			97,243	2.699	2.699	2,624,843.00	2,624,843.00
<b>ACTUAL</b>									
Shady Hills Power Company, L.L.C.	TOLL	37,817			37,817	4.489	4.489	1,697,763.90	1,697,763.90
Southern Power Company	Franklin	127,939			127,939	3.132	3.132	4,006,481.90	4,006,481.90
Vandolah Power Company L.L.C.	TOLL	96,552			96,552	4.172	4.172	4,028,236.85	4,028,236.85
<b>ADJUSTMENTS</b>									
Shady Hills Power Company, L.L.C.	TOLL	5			5	337.039	337.039	16,851.97	16,851.97
Southern Power Company	Franklin	-			-	-	-	7,024.01	7,024.01
Vandolah Power Company L.L.C.	TOLL	1,458			1,458	2.848	2.848	41,516.92	41,516.92
<b>CURRENT MONTH TOTAL</b>		263,771			263,771	3.715	3.715	9,797,875.55	9,797,875.55
<b>DIFFERENCE</b>		166,528			166,528	1.016	1.016	7,173,032.55	7,173,032.55
<b>DIFFERENCE %</b>		171			171	37.626	37.626	273.27	273.27
<b>CUMULATIVE ACTUAL</b>		803,401			803,401	3.641	3.641	29,247,947.68	29,247,947.68
<b>CUMULATIVE ESTIMATED</b>		461,945			461,945	3.014	3.014	13,922,194.00	13,922,194.00
<b>DIFFERENCE</b>		341,456			341,456	0.627	0.627	15,325,753.68	15,325,753.68
<b>DIFFERENCE %</b>		74			74	20.794	20.794	110.08	110.08

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES  
FOR THE MONTH OF:  
JUNE, 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		236,406	-	-	236,406	3.930	15.418	9,290,881.13
ACTUAL								
Citrus World (CITRUS)	CO-GEN	52			52	1.531	1.531	797.75
ADJ		50			50			769.86
Lake County (LAKCOUNT)	CO-GEN	375			375	1.442	1.442	5,406.72
ADJ		-			-			(413.05)
Orange Cogen (ORANGEAS)	CO-GEN	1,162			1,162	1.220	1.220	14,171.04
ADJ		-			-			(2,713.57)
Orange Cogen (ORANGECO)	CO-GEN	36,731			36,731	3.856	19.860	1,416,343.10
ADJ		-			-			(8,811.23)
Orlando Cogen Limited (ORLACOGL)	CO-GEN	84,752			84,752	5.247	12.217	4,447,238.03
ADJ		-			-			(16,461.72)
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	16,482			16,482	1.517	14.439	249,979.80
ADJ		-			-			(17,877.14)
PCS Phosphate (OCSWF CRK)	CO-GEN	75			75	1.453	1.453	1,092.04
ADJ		60			60			818.51
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	42,774			42,774	1.530	13.401	654,397.63
ADJ		-			-			(34,863.70)
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	37,921			37,921	1.978	23.219	750,248.15
ADJ		-			-			(32,272.18)
CURRENT MONTH TOTAL		220,435			220,435	3.370	15.690	7,427,850.04
DIFFERENCE		(15,971)			(15,971)	(0.560)	0.272	(1,863,031.09)
DIFFERENCE %		(6.76)			(6.76)	(14.26)	1.76	(20.05)
CUMULATIVE ACTUAL		1,208,023			1,208,023	3.338	16.826	40,321,435.25
CUMULATIVE ESTIMATED		1,353,949			1,353,949	3.756	15.790	50,848,812.72
CUMULATIVE DIFFERENCE		(145,926)			(145,926)	(0.418)	1.035	(10,527,377.47)
CUMULATIVE DIFFERENCE %		(10.8)			(10.8)	(11.12)	6.56	(20.70)

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A9

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
ESTIMATED		2,544	4.501	114,475.00	5.253	133,610.00	19,135.00
<b>ACTUAL:</b>							
SubTotal - Energy Purchases (Broker)		-		-		-	-
SEPA	Hydro	6,369	2.614	166,493.06	2.614	166,493.06	-
Florida Power & Light Company		758	2.968	22,498.00	5.066	38,398.02	15,900.02
<b>ADJUSTMENTS</b>							
PJM Settlements				(70.17)			70.17
SubTotal - Energy Purchases (Non-Broker)		7,127	2.651	188,920.89	2.875	204,891.08	15,970.19
CURRENT MONTH TOTAL		7,127	2.651	188,920.89	2.875	204,891.08	15,970.19
DIFFERENCE		4,584	(1.850)	74,445.89	(2.378)	71,281.08	(3,164.81)
DIFFERENCE %		180	(41.103)	65.03	(45.272)	53.35	(16.54)
CUMULATIVE ACTUAL		89,764	2.992	2,685,678.45	3.786	3,398,820.63	713,142.78
CUMULATIVE ESTIMATED		34,833	3.105	1,081,588.00	3.727	1,298,056.00	216,468.00
DIFFERENCE		54,932	(0.113)	1,604,090.45	0.060	2,100,764.63	496,674.78
DIFFERENCE %		158	(3.644)	148.31	1.606	161.84	229.44

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							35,323,016
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							35,540,129
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							12,886,440
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							30,675,330
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							48,520,301
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	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							21,034,025
8 Retail Wheeling				(10,726)	(9,947)	0	(17,012)	(2,126)	(837)							(40,647)
9 CR-3 Projected Expense				0	0	0	0	0	0							0
10 ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320							3,439,918
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							18,365,045
12 Schedule H Capacity Sales - Tallahassee	1	-1	on-going no term date	0	0	(32,469)	0	0	0							(32,469)
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							12,546,360
14 RidgeGen Agreement Termination				708,094	704,621	701,149	697,676	694,203	690,731							4,196,474
15 Hamilton SoBRA True-Up				0	0	0	0	0	0							0
16 State Corporate Income Tax Change				0	0	(3,491,633)	(232,776)	(232,776)	(232,776)							(4,189,961)
<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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>218,263,961</b>