



Dianne M. Triplett
Deputy General Counsel
Duke Energy Florida, LLC

July 20, 2018

VIA ELECTRONIC FILING

Carlotta Stauffer, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket No. 20180001-EI

Dear Ms. Stauffer:

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 2018.

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions concerning this filing.

Sincerely,

/s/ Dianne M. Triplett

Dianne M. Triplett

DMT/cmck
Attachments

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of Duke Energy Florida, LLC's Schedules A1-A9 and A12 for the month of June 2018 have been furnished to the following individuals via e-mail on this 20th day of July, 2018.

/s/ *Dianne M. Triplett*
Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JUNE 2018

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	125,529,591	119,392,235	6,137,356	5.1	3,539,269	3,535,951	3,318	0.1	3.5468	3.3765	0.1703	5.0
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	730	0	730	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	125,530,321	119,392,235	6,138,086	5.1	3,539,269	3,535,951	3,318	0.1	3.5468	3.3765	0.1703	5.0
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	17,187,681	10,632,688	6,554,993	61.7	410,094	257,548	152,546	59.2	4.1912	4.1284	0.0628	1.5
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	-	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)	588,120	111,435	476,685	427.8	11,975	1,876	10,099	538.5	4.9112	5.9413	(1.0301)	(17.3)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	12,190,979	14,167,384	(1,976,405)	(14.0)	273,997	322,085	(48,088)	(14.9)	4.4493	4.3986	0.0507	1.2
9 TOTAL COST OF PURCHASED POWER	29,966,781	24,911,507	5,055,273	20.3	696,066	581,509	114,558	19.7	4.3052	4.2839	0.0213	0.5
10 TOTAL AVAILABLE MWH					4,235,335	4,117,459	117,876	2.9				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,581)	(241,913)	240,333	(99.4)	(50)	(6,009)	5,959	(99.2)	3.1610	4.0256	(0.8646)	(21.5)
11a GA N ON OTHER POWER SALES - 100% (SCH A6)	(1,665)	(58,246)	56,581	(97.1)	(50)	(6,009)	5,959	(99.2)	3.3293	0.9692	2.3601	243.5
11b GA N 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	(5,640,562)	(2,253,954)	(3,386,608)	150.3	(221,894)	(134,814)	(87,080)	64.6	2.5420	1.6719	0.8701	52.0
13 TOTAL FUEL COST AND GA NS ON POWER SALES	(5,643,807)	(2,554,113)	(3,089,694)	121.0	(221,944)	(140,823)	(81,121)	57.6	2.5429	1.8137	0.7292	40.2
14 NET INADVERTENT AND WHEELED INTERCHANGE					16,640	0	16,640					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	149,853,294	141,749,629	8,103,665	5.7	4,030,031	3,976,636	53,395	1.3	3.7184	3.5646	0.1538	4.3
16 NET UNB LLED	10,024,331	5,410,739	4,613,592	85.3	(269,586)	(151,793)	(117,794)	77.6	0.2863	0.1511	0.1352	89.5
17 COMPANY USE	481,234	457,434	23,800	5.2	(12,942)	(12,833)	(109)	0.9	0.0137	0.0128	0.0009	7.0
18 T & D LOSSES	9,166,895	8,241,615	925,280	11.2	(246,527)	(231,210)	(15,317)	6.6	0.2618	0.2302	0.0316	13.7
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	149,853,294	141,749,629	8,103,665	5.7	3,500,976	3,580,801	(79,825)	(2.2)	4.2803	3.9586	0.3217	8.1
20 WHOLESALE KWH SALES (EXCLUD NG STRATIFIED SALES)	(1,093,929)	(807,973)	(285,956)	35.4	(25,623)	(20,340)	(5,283)	26.0	4.2693	3.9723	0.2970	7.5
21 JURISDICTIONAL KWH SALES	148,759,365	140,941,656	7,817,709	5.6	3,475,353	3,560,461	(85,108)	(2.4)	4.2804	3.9585	0.3219	8.1
22 JURISDICTIONAL KWH SALES ADJUSTED FOR L NE LOSS - 1.00031	148,805,481	141,099,511	7,705,970	5.5	3,475,353	3,560,461	(85,108)	(2.4)	4.2817	3.9630	0.3187	8.0
23 PRIOR PERIOD TRUE-UP	8,145,991	8,145,991	(0)	0.0	3,475,353	3,560,461	(85,108)	(2.4)	0.2344	0.2288	0.0056	2.5
24 TOTAL JURISDICTIONAL FUEL COST	156,951,471	149,245,502	7,705,970	5.2	3,475,353	3,560,461	(85,108)	(2.4)	4.5161	4.1918	0.3243	7.7
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.5194	4.1948	0.3246	7.7
27 GPIF	232,768	232,768			3,475,353	3,560,461			0.0067	0.0065	0.0002	3.1
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.526	4.201	0.325	7.7

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - JUNE 2018

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	607,172,497	637,408,719	(30,236,222)	(4.7)	17,343,351	17,717,678	(374,327)	(2.1)	3.5009	3.5976	(0.0967)	(2.7)
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	8,370	0	8,370	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	607,180,868	637,408,719	(30,227,851)	(4.7)	17,343,351	17,717,678	(374,327)	(2.1)	3.5009	3.5976	(0.0967)	(2.7)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	69,237,994	35,916,128	33,321,866	92.8	1,510,893	866,805	644,088	74.3	4.5826	4.1435	0.4391	10.6
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)	6,656,077	784,369	5,871,708	748.6	148,882	16,681	132,201	792.5	4.4707	4.7021	(0.2314)	(4.9)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	74,948,069	78,632,129	(3,684,060)	(4.7)	1,653,101	1,765,050	(111,949)	(6.3)	4.5338	4.4550	0.0788	1.8
9 TOTAL COST OF PURCHASED POWER	150,842,140	115,332,626	35,509,514	30.8	3,312,876	2,648,536	664,340	25.1	4.5532	4.3546	0.1986	4.6
10 TOTAL AVAILABLE MWH					20,656,227	20,366,214	290,012	1.4				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,576,784)	(1,755,126)	178,342	(10.2)	(33,788)	(45,216)	11,428	(25.3)	4.6667	3.8817	0.7850	20.2
11a GA N ON OTHER POWER SALES - 100% (SCH A6)	(1,771,425)	(422,587)	(1,348,838)	319.2	(33,788)	(45,216)	11,428	(25.3)	5.2428	0.9346	4.3082	461.0
11b GA N 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	(22,948,163)	(10,584,132)	(12,364,031)	116.8	(1,013,740)	(660,761)	(352,979)	53.4	2.2637	1.6018	0.6619	41.3
13 TOTAL FUEL COST AND GA NS ON POWER SALES	(26,296,373)	(12,761,845)	(13,534,527)	106.1	(1,047,528)	(705,977)	(341,551)	48.4	2.5103	1.8077	0.7026	38.9
14 NET INADVERTENT AND WHEELED INTERCHANGE					96,969	0	96,969					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	731,726,636	739,979,500	(8,252,864)	(1.1)	19,705,668	19,660,238	45,430	0.2	3.7133	3.7638	(0.0505)	(1.3)
16 NET UNBILLED	14,404,767	24,434,024	(10,029,257)	(41.1)	(387,926)	(674,411)	286,485	(42.5)	0.0801	0.1376	(0.0575)	(41.8)
17 COMPANY USE	3,735,409	3,018,520	716,889	23.8	(100,596)	(79,688)	(20,908)	26.2	0.0208	0.0170	0.0038	22.4
18 T & D LOSSES	45,653,343	43,036,928	2,616,415	6.1	(1,229,461)	(1,143,422)	(86,039)	7.5	0.2538	0.2423	0.0115	4.8
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	731,726,636	739,979,500	(8,252,864)	(1.1)	17,987,685	17,762,717	224,968	1.3	4.0679	4.1659	(0.0980)	(2.4)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(4,405,538)	(3,950,517)	(455,021)	11.5	(105,944)	(94,792)	(11,152)	11.8	4.1584	4.1676	(0.0092)	(0.2)
21 JURISDICTIONAL KWH SALES	727,321,097	736,028,982	(8,707,885)	(1.2)	17,881,741	17,667,925	213,816	1.2	4.0674	4.1659	(0.0985)	(2.4)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00031	727,647,982	736,853,335	(9,205,353)	(1.3)	17,881,741	17,667,925	213,816	1.2	4.0692	4.1706	(0.1014)	(2.4)
23 PRIOR PERIOD TRUE-UP	48,875,944	48,875,946	(3)	0.0	17,881,741	17,667,925	213,816	1.2	0.2733	0.2766	(0.0033)	(1.2)
24 TOTAL JURISDICTIONAL FUEL COST	776,523,925	785,729,281	(9,205,356)	(1.2)	17,881,741	17,667,925	213,816	1.2	4.3425	4.4472	(0.1047)	(2.4)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.3456	4.4504	(0.1048)	(2.4)
27 GPIF	1,396,608	1,396,608			17,881,741	17,667,925			0.0078	0.0079	(0.0001)	101.3
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST 001 CENTS/KWH									4.353	4.458	(0.105)	(2.4)

*Line 15a. MWH Data for Informational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JUNE 2018

	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	\$125,529,591	119,392,235	\$6,137,356	5.1	\$607,172,497	\$637,408,719	(\$30,236,222)	(4.7)
1a. COAL CAR SALE	-	0	0	0.0	0	0	0	0.0
2. FUEL COST OF POWER SOLD	(1,581)	(241,913)	240,333	(99.4)	(1,576,784)	(1,755,126)	178,342	(10.2)
2a. GAS ON POWER SALES	(1,665)	(58,246)	56,581	(97.1)	(1,771,425)	(422,587)	(1,348,838)	319.2
3. FUEL COST OF PURCHASED POWER	17,187,681	10,632,688	6,554,993	61.7	69,237,994	35,916,128	33,321,866	92.8
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	12,190,979	14,167,384	(1,976,405)	(14.0)	74,948,069	78,632,129	(3,684,060)	(4.7)
4. ENERGY COST OF ECONOMY PURCHASES	588,120	111,435	476,685	427.8	6,656,077	784,369	5,871,708	748.6
5. TOTAL FUEL & NET POWER TRANSACTIONS	155,493,126	144,003,583	11,489,543	8.0	754,666,428	750,563,632	4,102,797	0.6
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(5,640,562)	(2,253,954)	(3,386,608)	150.3	(22,948,163)	(10,584,132)	(12,364,031)	116.8
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	730	0	730	0.0	8,370	0	8,370	0.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET PWR TRNS	\$149,853,294	\$141,749,629	\$8,103,665	5.7	\$731,726,636	\$739,979,500	(\$8,252,864)	(1.1)

FOOTNOTE: DETAIL OF LINE 6b ABOVE

INSPECTION & FUEL ANALYSIS REPORTS (Wholesale Portion)	\$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)	730	0	730	3,510	0	3,510	
N/A - Not used	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0	(99,086)	0	(99,086)	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
Gain/Loss on Disposition of Oil	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
NET METER SETTLEMENT	0	0	0	103,947	0	103,947	
N/A - Not used	0	0	0	0	0	0	
Derivative Collateral Interest	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$730	\$0	\$730	\$8,370	\$0	\$8,370	

B. KWH SALES								
1. JURISDICTIONAL SALES	3,475,352,593	3,560,460,610	(85,108,017)	(2.4)	17,881,740,232	17,667,925,018	213,815,214	1.2
2. NON JURISDICTIONAL (WHOLESALE) SALES	25,623,333	20,340,000	5,283,333	26.0	105,944,074	94,792,000	11,152,074	11.8
3. TOTAL SALES	3,500,975,926	3,580,800,610	(79,824,684)	(2.2)	17,987,684,306	17,762,717,018	224,967,288	1.3
4. JURISDICTIONAL SALES % OF TOTAL SALES	99.27	99.43	(0.16)	(0.2)	99.41	99.47	(0.06)	(0.1)

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JUNE 2018

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$143,106,586	\$146,835,837	(\$3,729,251)	(2.5)	\$727,311,827	\$728,637,343	(\$1,325,516)	(0.2)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(8,145,991)	(8,145,991)	0	0.0	(48,875,944)	(48,875,946)	3	0.0
2b. INCENTIVE PROVISION	(232,768)	(232,768)	0	0.0	(1,396,608)	(1,396,608)	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	134,727,828	138,457,078	(3,729,250)	(2.7)	677,039,275	678,364,789	(1,325,513)	(0.2)
4. ADJ TOTAL FUEL & NET PWR TRNS (L NE A7)	149,853,294	141,749,629	8,103,665	5.7	731,726,636	739,979,500	(8,252,864)	(1.1)
5. JURISDICTIONAL SALES % OF TOT SALES (L NE B4)	99.27	99.43	(0.16)	(0.2)	0.00	99.47	(99.47)	(100.0)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (L NE C4 * L NE C5 * 1.00031 LOSS MULTIPLIER)	148,805,481	141,099,511	7,705,970	5.5	727,647,982	736,853,335	(9,205,353)	(1.3)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(14,077,653)	(2,642,433)	(11,435,220)	432.8	(50,608,707)	(58,488,546)	7,879,840	(13.5)
8. INTEREST PROVISION FOR THE MONTH (L NE D10)	(338,886)	(177,351)	(161,535)	91.1	(1,775,776)	(1,009,966)	(765,811)	75.8
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(208,837,969)	(211,452,547)	2,614,579	(1.2)	(211,599,978)	(195,503,774)	(16,096,204)	8.2
10. TRUE UP COLLECTED (REFUNDED)	8,145,991	8,145,991	(0)	0.0	48,875,944	48,875,946	(3)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(215,108,517)	(206,126,339)	(8,982,178)	4.4	(215,108,517)	(206,126,339)	(8,982,178)	4.4
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (L NES C11 + C12)	(\$215,108,517)	(206,126,339)	(8,982,178)	4.4	(\$215,108,517)	(206,126,339)	(8,982,178)	4.4
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (L NE C9)	(\$208,837,969)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(214,769,631)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(423,607,600)	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF L NE D3)	(211,803,800)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.860	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.980	N/A	--	--				
7. TOTAL (L NE D5 + LINE D6)	3.840	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF L NE D7)	1.920	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.160	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * L NE D9)	(\$338,886)	N/A	--	--				

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period : **Final**
6/1/2018 to 6/1/2018

Run Date: 7/10/2018 3:17:10 PM

<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	4,230,907	213,812	4,017,095	1878.8 %
3 - COAL	28,039,467	28,545,119	(505,652)	(1.8 %)
4 - GAS	93,259,217	90,633,304	2,625,913	2.9 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL (\$)	125,529,591	119,392,235	6,137,356	5.1 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	16,268	24	16,244	67682.4 %
11 - COAL	811,200	885,578	(74,378)	(8.4 %)
12 - GAS	2,708,842	2,647,463	61,379	2.3 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	2,959	2,886	73	2.5 %
15	0	0	0	0.0 %
16 - TOTAL (MWH)	3,539,268	3,535,951	3,317	0.1 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	36,827	2,082	34,745	1668.8 %
19 - COAL (TON)	363,245	410,601	(47,356)	(11.5 %)
20 - GAS (MCF)	20,999,792	20,638,272	361,520	1.8 %
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	212,101	12,130	199,971	1648.6 %
26 - COAL	8,403,181	9,505,428	(1,102,247)	(11.6 %)
27 - GAS	21,433,673	20,638,272	795,401	3.9 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	30,048,955	30,155,830	(106,875)	(0.4 %)
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0 %
33 - LIGHT OIL	0.5	0.00	0.5	67618.8 %
34 - COAL	22.9	25.04	(2.1)	(8.5 %)
35 - GAS	76.5	74.87	1.7	2.2 %
36 - NUCLEAR	0.0	0.00	0.0	0.0 %
37 - SOLAR	0.08	0.08	0.00	2.4 %
38	0	0	0	0
39 - TOTAL (% MWH)	100	100	(0.0)	(0.0 %)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period : **Final**
6/1/2018 to 6/1/2018

Run Date: 7/10/2018 3:17:10 PM

FUEL COST PER UNIT (\$)

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL (\$/BBL)	114.89	102.70	12.19	11.9 %
42 - COAL (\$/TON)	77.19	69.52	7.67	11.0 %
43 - GAS (\$/MCF)	4.44	4.39	0.05	1.1 %
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 %

FUEL COST PER MILLION BTU (\$/MILLION BTU)

47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	19.95	17.63	2.32	13.2 %
49 - COAL	3.34	3.00	0.33	11.1 %
50 - GAS	4.35	4.39	(0.04)	(0.9 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM (\$/MBTU)	4.18	3.96	0.22	5.5 %

BTU BURNED PER KWH (BTU/KWH)

55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	13,038	505,417	(492,379)	(97.4 %)
57 - COAL	10,359	10,734	(375)	(3.5 %)
58 - GAS	7,912	7,795	117	1.5 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	8,490	8,528	(38)	(0.4 %)

GENERATED FUEL COST PER KWH (CENTS/KWH)

63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	26.01	890.88	(864.88)	(97.1 %)
65 - COAL	3.46	3.22	0.23	7.2 %
66 - GAS	3.44	3.42	0.02	0.6 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	3.55	3.38	0.17	5.0 %

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period : 1/1/2018 to 6/1/2018

Run Date: 7/10/2018 3:21:10 PM

<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	14,930,398	1,531,933	13,398,465	874 6 %
3 - COAL	133,020,241	155,748,421	(22,728,180)	(14.6 %)
4 - GAS	459,221,858	480,128,365	(20,906,507)	(4.4 %)
5 - NUCLEAR	0	0	0	0 0 %
6	0	0	0	0 0 %
7	0	0	0	0 0 %
8 - TOTAL (\$)	607,172,497	637,408,719	(30,236,222)	(4.7 %)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0 0 %
10 - LIGHT OIL	59,944	214	59,730	27911 2 %
11 - COAL	3,997,585	4,888,661	(891,076)	(18.2 %)
12 - GAS	13,269,141	12,811,378	457,763	3 6 %
13 - NUCLEAR	0	0	0	0 0 %
14 - SOLAR	16,680	17,426	(746)	(4.3 %)
15	0	0	0	0 0 %
16 - TOTAL (MWH)	17,343,350	17,717,679	(374,329)	(2.1 %)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0 0 %
18 - LIGHT OIL (BBL)	129,152	16,542	112,610	680 8 %
19 - COAL (TON)	1,807,074	2,239,712	(432,638)	(19.3 %)
20 - GAS (MCF)	101,970,657	97,722,694	4,247,963	4 3 %
21 - NUCLEAR (MMBTU)	0	0	0	0 0 %
22	0	0	0	0 0 %
23	0	0	0	0 0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0 0 %
25 - LIGHT OIL	747,461	96,369	651,092	675 6 %
26 - COAL	41,389,489	51,833,557	(10,444,068)	(20.1 %)
27 - GAS	104,087,265	97,722,694	6,364,571	6.5 %
28 - NUCLEAR	0	0	0	0 0 %
29	0	0	0	0 0 %
30	0	0	0	0 0 %
31 - TOTAL (MILLION BTU)	146,224,215	149,652,620	(3,428,405)	(2.3 %)
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0 0 %
33 - LIGHT OIL	0.3	0.00	0.3	28515.7 %
34 - COAL	23.0	27.59	(4.5)	(16.5 %)
35 - GAS	76.5	72.31	4.2	5 8 %
36 - NUCLEAR	0.0	0.00	0.0	0 0 %
37 - SOLAR	0.10	0.10	(0.00)	(2.2 %)
38	0	0	0	0
39 - TOTAL (% MWH)	100	100	0.0	0 0 %

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period : 1/1/2018 to 6/1/2018

Run Date: 7/10/2018 3:21:10 PM

FUEL COST PER UNIT (\$)

40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0 0 %
41 - LIGHT OIL (\$/BBL)	115.60	92.61	22.99	24 8 %
42 - COAL (\$/TON)	73.61	69.54	4.07	5.9 %
43 - GAS (\$/MCF)	4.50	4.91	(0.41)	(8.3 %)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0 0 %
45	0.00	0.00	0.00	0 0 %
46	0.00	0.00	0.00	0 0 %

FUEL COST PER MILLION BTU (\$/MILLION BTU)

47 - HEAVY OIL	0.00	0.00	0.00	0 0 %
48 - LIGHT OIL	19.97	15.90	4.08	25.7 %
49 - COAL	3.21	3.00	0.21	7 0 %
50 - GAS	4.41	4.91	(0.50)	(10.2 %)
51 - NUCLEAR	0.00	0.00	0.00	0 0 %
52	0.00	0.00	0.00	0 0 %
53	0.00	0.00	0.00	0 0 %
54 - SYSTEM (\$/MBTU)	4.15	4.26	(0.11)	(2.5 %)

BTU BURNED PER KWH (BTU/KWH)

55 - HEAVY OIL	0	0	0	0 0 %
56 - LIGHT OIL	12,469	450,322	(437,853)	(97.2 %)
57 - COAL	10,354	10,603	(249)	(2.4 %)
58 - GAS	7,844	7,628	217	2 8 %
59 - NUCLEAR	0	0	0	0 0 %
60	0	0	0	0 0 %
61	0	0	0	0 0 %
62 - SYSTEM (BTU/KWH)	8,431	8,447	(15)	(0.2 %)

GENERATED FUEL COST PER KWH (CENTS/KWH)

63 - HEAVY OIL	0.00	0.00	0.00	0 0 %
64 - LIGHT OIL	24.91	715.86	(690.95)	(96.5 %)
65 - COAL	3.33	3.19	0.14	4.4 %
66 - GAS	3.46	3.75	(0.29)	(7.7 %)
67 - NUCLEAR	0.00	0.00	0.00	0 0 %
68	0.00	0.00	0.00	0 0 %
69	0.00	0.00	0.00	0 0 %
70 - SYSTEM (CENTS/KWH)	3.50	3.60	(0.10)	(2.7 %)

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 6/1/2018 to 6/1/2018

Run Date: 7/10/2018 3:17:54 PM

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPU T	(G) AVE NET HEAT RATE	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	616.00	21			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	523.00	15			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,820.00	28			0				0	0	0.000	
TOTAL Solar	18	2,959.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1	511	166,225.00	45			10,556	Gas	1,718,579	1.021	1,754,669	7,078,158	4.258	4.119
		107,490.00					Gas	1,274,260	1.021	1,301,019	5,248,181	4.882	4.119
TOTAL UNIT 2	514	107,490.00	29			12,104				1,301,019	5,248,181	4.882	
Crystal River 1 & 2													
TOTAL UNIT 1		0.00				0				0	0	0.000	
		93,575.02					Coal	50,422	22.228	1,120,780	4,909,779	5.247	97.374
		0.00					No 2	2,833	5.731	16,237	284,166	0.000	100.306
TOTAL UNIT 2	448	93,575.02	29			12,151				1,137,017	5,193,945	5.551	
Crvstal River 4 & 5													
		342,469.00					Coal	148,737	23.280	3,462,541	10,997,402	3.211	73.939
		0.00					No 2	1,169	5.799	6,779	117,261	0.000	100.309
TOTAL UNIT 4	721	342,469.00	66			10,130				3,469,320	11,114,664	3.245	
		378,749.00					Coal	164,086	23.280	3,819,860	12,132,286	3.203	73.939
		0.00					No 2	2,772	5.799	16,076	278,057	0.000	100.309
TOTAL UNIT 5	721	378,749.00	73			10,128				3,835,936	12,410,342	3.277	
TOTAL Steam	2,915	1,088,508.00				10,563				11,497,962	41,045,291	4.000	
Gas Turbine													
Avon Park Peaker													
TOTAL APP	25	516.40	3			18,020	Gas	9,114	1.021	9,305	37,478	7.258	4.112
		516.00								9,305	37,478	7.258	
Bartow Combined Cycle													
TOTAL BCC	978	532,174.00	76			7,563	Gas	3,945,875	1.020	4,024,793	18,478,956	3.472	4.683
		532,174.00								4,024,793	18,478,956	3.472	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 6/1/2018 to 6/1/2018

Run Date: 7/10/2018 3:17:54 PM

A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPU T	(G) AVE NET HEAT RATE	(H) FUEL TYPE	(I) FUEL BURN (UNITS)	(J) FUEL HEAT VALUE (MMBTU/UNIT)	(K) FUEL BURNED (MMBTU)	(L) AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	(N) FUEL COST PER UNIT
Bartow Peaker													
		474.96					No 2	1,338	5.712	7,643	139,215	29.311	104.047
TOTAL BAP	223	3,740.04 4,215.00	3			16,091	Gas	59,002	1.020	60,182 67,825	243,163 382,378	6.502 9.072	4.121
Bayboro Peaker													
TOTAL BYP	238	2,432.40 2,432.00	1			12,732	No 2	5,422	5.712	30,970 30,970	766,796 766,796	31.524 31.524	141.423
Debary Peaker													
TOTAL DEP	515	8,367.86 33.14 8,401.00	2			13,907	No 2 Gas	20,184 451	5.766 1.022	116,374 461 116,834	2,338,816 1,857 2,340,674	27.950 5.604 27.862	115.875 4.119
Higgins Peaker													
TOTAL HGP	116	3,996.30 3,996.00	5			16,794	Gas	65,732	1.021	67,112 67,112	270,882 270,882	6.778 6.778	4.121
Hines Energy													
TOTAL HEP	2,199	1,340,824.00 1,340,824.00	85			7,228	Gas	9,500,949	1.020	9,690,968 9,690,968	41,252,957 41,252,957	3.077 3.077	4.342
Intercession City Peaker													
TOTAL ICP	1,202	1,325.52 63,544.18 64,870.00	7			13,351	No 2 Gas	3,053 828,473	5.796 1.024	17,697 848,356 866,053	301,445 3,938,103 4,239,548	22.742 6.197 6.535	98.737 4.753
Osprey													
TOTAL OSP	600	320,607.00 320,607.00	74			7,230	Gas	2,265,726	1.023	2,317,838 2,317,838	10,735,386 10,735,386	3.348 3.348	4.738
Suwannee Peaker													
TOTAL SRP	203	21.11 2,455.39 2,476.00	2			15,434	No 2 Gas	56 37,044	5.817 1.023	326 37,896 38,222	5,150 153,178 158,329	24.401 6.238 6.393	91.968 4.135
Tiger Bay Cogen													
TOTAL TBP	231	136,059.00 136,059.00	82			7,476	Gas	997,210	1.020	1,017,154 1,017,154	4,680,887 4,680,887	3.440 3.440	4.694
Univ of Florida Cogen													
TOTAL UFP	47	0.00 31,230.30 31,230.00	92			9,732	No 2 Gas	0 297,377	0.000 1.022	0 303,919 303,919	0 1,140,029 1,140,029	0.000 3.650 3.650	0.000 3.834
TOTAL Gas Turbine	6,577	2,447,802.00				7,579				18,550,993	84,484,300	3.451	
SYSTEM TOTAL	9,510	3,539,268.62				8,490				30,048,955	125,529,591	3.547	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2018 to 6/1/2018

Duke Energy Florida, LLC

Run Date: 7/10/2018 3:21:38 PM

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPU T	(G) AVE NET HEAT RATE	(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													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	3,587.00	21			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	3,551.00	16			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	9,542.00	24			0				0	0	0.000	
TOTAL Solar	18	16 680.00				0				0	0	0.000	
Steam													
Anclote													
		775,377.00					Gas	8,216,311	1.023	8,405,716	38,549,539	4.972	4.692
TOTAL UNIT 1	511	775,377.00	35			10,841				8,405,716	38,549,539	4.972	
		347,428.00					Gas	3,888,656	1.023	3,978,334	18,413,780	5.300	4.735
TOTAL UNIT 2	514	347,428.00	16			11,451				3,978,334	18,413,780	5.300	
Crvstal River 1 & 2													
		99,401.00					Coal	50,272	22.840	1,148,211	4,899,718	4.929	97.464
		0.00					No 2	1,449	5.747	8,327	188,355	0.000	129.990
TOTAL UNIT 1	332	99,401.00	7			11,635				1,156,538	5,088,073	5.119	
		353,065.57					Coal	199,167	22.305	4,442,333	19,465,677	5.513	97.735
		0.00					No 2	9,549	5.743	54,838	1,168,475	0.000	122.366
TOTAL UNIT 2	448	353,065.57	18			12,737				4,497,171	20,634,151	5.844	
Crvstal River 4 & 5													
		1,617,683.00					Coal	705,095	23.055	16,256,260	49,259,154	3.045	69.862
		0.00					No 2	11,661	5.763	67,199	1,497,918	0.000	128.455
TOTAL UNIT 4	721	1,617,683.00	52			10,091				16,323,459	50,757,072	3.138	
		1,944,751.00					Coal	852,540	22.923	19,542,684	59,395,693	3.054	69.669
		0.00					No 2	10,331	5.769	59,604	1,272,858	0.000	123.208
TOTAL UNIT 5	721	1,944,751.00	62			10,080				19,602,288	60,668,551	3.120	
TOTAL Steam	2,915	5,137,706.00				10,503				53,963,507	194,111,166	4.000	
Gas Turbine													
Avon Park Peaker													
		13.03					No 2	41	5.816	238	4,232	32.483	103.224
		521.37					Gas	9,346	1.021	9,543	38,628	7.409	4.133
TOTAL APP	50	534.00	0			18,303				9,781	42,860	8.020	

A-4 System Net Generation and Fuel Cost Report

Report Period : 1/1/2018 to 6/1/2018

Duke Energy Florida, LLC

Run Date: 7/10/2018 3:21:38 PM

(A) PLANT	(B) NET CAP (MW)	(C) NET GENERATION (MWH)	(D) CAP FAC (%)	(E) EQUIV AVAIL FAC(%)	(F) NET OUTPU T	(G) AVE NET HEAT RATE	(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 (\$)
Bartow Combined Cycle													
TOTAL BCC	1,197	3,440,029.00	66			7,807	Gas	26,343,935	1.019	26,855,961	119,591,331	3.476	4.540
Bartow Peaker													
TOTAL BAP	223	11,794.00	1			15,458	No 2 Gas	2,490 164,566	5.712 1.021	14,223 182,307	259,077 977,153	28.157 8.285	104.047 4.363
Bavboro Peaker													
TOTAL BYP	238	7,185.00	1			13,286	No 2	16,712	5.712	95,459	2,395,954	33.346	143.367
Debarv Peaker													
TOTAL DEP	617	14,631.00	1			13,854	No 2 Gas	35,012 766	5.767 1.023	201,911 784	4,057,007 3,163	27.836 5.592	115.875 4.129
Higgins Peaker													
TOTAL HGP	116	10,061.00	2			17,708	Gas	174,283	1.022	178,165	784,563	7.798	4.502
Hines Energy													
TOTAL HEP	2,199	6,880,975.00	72			7,178	Gas	48,389,665	1.021	49,388,879	214,159,399	3.112	4.426
Intercession City Peaker													
TOTAL ICP	1,202	210,622.00	4			13,125	No 2 Gas	38,782 2,480,011	5.801 1.023	227,483 2,536,864	3,799,123 11,460,886	21.919 5.929	96.882 4.622
Osprey													
TOTAL OSP	600	856,879.00	33			7,362	Gas	6,175,331	1.021	6,308,024	28,395,538	3.314	4.598
Suwannee Peaker													
TOTAL SRP	203	16,973.00	2			14,803	No 2 Gas	3,125 227,694	5.817 1.024	18,178 233,066	287,399 1,047,476	23.403 6.653	91.968 4.600
Tiger Bay Cogeneration													
TOTAL TBP	231	564,550.00	56			7,488	Gas	4,145,767	1.020	4,227,620	18,561,630	3.288	4.477
Univ of Florida Cogeneration													
TOTAL UFP	47	174,732.00	86			10,280	No 2 Gas	0 1,754,326	0.000 1.024	0 1,796,226	0 7,497,853	0.000 4.291	0.000 4.274
TOTAL Gas Turbine	6,923	12,188,965.00				7,569				92,260,708	413,061,334	3.389	
SYSTEM TOTAL	9,856	17,343,351.02				8,431				146,224,215	607,172,500	3.501	

A-5 System Generation Fuel Cost Report

Final

Report Period : 6/1/2018 to 6/1/2018

Duke Energy Florida, LLC

Run Date: 7/10/2018 3:18:18 PM

	<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)	20,778	2,082	18,696	898.0%
20 - UNIT COST (\$/BBL)	101.26	102.70	(1.44)	(1.4%)
21 - AMOUNT (\$)	2,103,971	213,812	1,890,159	884.0%
22 - BURNED				
23 - UNITS (BBL)	36,827	2,082	34,745	1668.8%
24 - UNIT COST (\$/BBL)	114.89	102.70	12.19	11.9%
25 - AMOUNT (\$)	4,230,907	213,812	4,017,095	1878.8%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	714,259	907,649	(193,390)	(21.3%)
31 - UNIT COST (\$/BBL)	108.87	111.22	(2.35)	(2.1%)
32 - AMOUNT (\$)	77,760,783	100,950,380	(23,189,597)	(23.0%)
33 -				
34 - DAYS SUPPLY	582	13,079	(12,497)	(95.6%)

A-5 System Generation Fuel Cost Report

Final

Report Period : 6/1/2018 to 6/1/2018

Duke Energy Florida, LLC

Run Date: 7/10/2018 3:18:18 PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	346,859	410,601	(63,742)	(15.5%)
37 - UNIT COST (\$/TON)	75.91	69.52	6.39	9.2%
38 - AMOUNT (\$)	26,331,318	28,545,119	(2,213,801)	(7.8%)
39 - BURNED				
40 - UNITS (TON)	363,245	410,601	(47,356)	(11.5%)
41 - UNIT COST (\$/TON)	77.19	69.52	7.67	11.0%
42 - AMOUNT (\$)	28,039,467	28,545,119	(505,652)	(1.8%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	914,150	826,945	87,205	10.5%
48 - UNIT COST (\$/TON)	80.37	69.52	10.85	15.6%
49 - AMOUNT (\$)	73,470,393	57,489,464	15,980,929	27.8%
50 -				
51 - DAYS SUPPLY	75	60	15	25.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	20,999,792	20,638,272	361,520	1.8%
54 - UNIT COST (\$/MCF)	4.44	4.39	0.05	1.1%
55 - AMOUNT (\$)	93,259,217	90,633,304	2,625,913	2.9%
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 1/1/2018 to 6/1/2018

Run Date: 7/10/2018 3:20:13 PM

	<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)	85,782	16,542	69,240	418.6%
20 - UNIT COST (\$/BBL)	116.48	92.61	23.87	25.8%
21 - AMOUNT (\$)	9,991,564	1,531,933	8,459,631	552.2%
22 - BURNED				
23 - UNITS (BBL)	129,152	16,542	112,610	680.8%
24 - UNIT COST (\$/BBL)	115.60	92.61	22.99	24.8%
25 - AMOUNT (\$)	14,831,312	1,531,933	13,398,465	874.6%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	760			
28 - AMOUNT (\$)	99,086			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	714,259	907,649	(193,390)	(21.3%)
31 - UNIT COST (\$/BBL)	108.87	111.22	(2.35)	(2.1%)
32 - AMOUNT (\$)	77,760,783	100,950,380	(23,189,597)	(23.0%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period : 1/1/2018 to 6/1/2018

Run Date: 7/10/2018 3:20:13 PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,803,803	2,239,712	(435,909)	(19.5%)
37 - UNIT COST (\$/TON)	76.23	69.54	6.69	9.6%
38 - AMOUNT (\$)	137,511,483	155,748,421	(18,236,938)	(11.7%)
39 - BURNED				
40 - UNITS (TON)	1,807,074	2,239,712	(432,638)	(19.3%)
41 - UNIT COST (\$/TON)	73.61	69.54	4.07	5.9%
42 - AMOUNT (\$)	133,020,241	155,748,421	(22,728,180)	(14.6%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	914,150	826,945	87,205	10.5%
48 - UNIT COST (\$/TON)	80.37	69.52	10.85	15.6%
49 - AMOUNT (\$)	73,470,393	57,489,464	15,980,929	27.8%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
GAS				
52 - BURNED				
53 - UNITS (MCF)	101,970,657	97,722,694	4,247,963	4.3%
54 - UNIT COST (\$/MCF)	4.50	4.91	(0.41)	(8.3%)
55 - AMOUNT (\$)	459,221,858	480,128,365	(20,906,507)	(4.4%)
NUCLEAR				
56 - BURNED				
57 - UNITS (MMBTU)	0	0	0	0.0%
58 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
59 - AMOUNT (\$)	0	0	0	0.0%

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
June 2018

(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		6,009		6,009	4.026	4.995	241,913	300,159	58,246
ACTUAL									
The Energy Authority	Schedule OS	50		50	3.169	4.998	1,585	2,499	915
PJM Settlements				-				136	136
ADJUSTMENTS									
Tallahassee (City of)	Schedule A						(4)	(4)	-
PJM Settlements								614	614
Subtotal - Gain on Other Power Sales		50		50	3.161	6.49	1,581	3,245	1,665
CURRENT MONTH TOTAL		50		50	3.161	6.49	1,581	3,245	1,665
DIFFERENCE		(5,959)		(5,959)	(0.865)	1.495	(240,333)	(296,914)	(56,581)
DIFFERENCE %		(99)		(99)	(21.490)	29.94	(99)	(99)	(97)
CUMULATIVE ACTUAL		33,788		33,788	4.667	9.909	1,576,784	3,348,209	1,771,425
CUMULATIVE ESTIMATED		45,216		45,216	3.882	4.816	1,755,126	2,177,713	422,587
DIFFERENCE		(11,428)		(11,428)	0.785	5.093	(178,342)	1,170,496	1,348,838
DIFFERENCE %		(25)		(25)	20.22	105.75	(10)	54	319

DUKE ENERGY FLORIDA, LLC.
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
JUNE, 2018

(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		257,548			257,548	4.128	4.128	10,632,688	10,632,688
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	100,031			100,031	5.491	5.490	5,493,078.88	5,493,078.88
Southern Power Company	Franklin	195,220			195,220	2.888	2.890	5,638,588.67	5,638,588.67
Vandolah Power Company L.L.C.	TOLL	114,906			114,906	5.279	5.280	6,065,327.40	6,065,327.40
ADJUSTMENTS									
Vandolah Power Company L.L.C.	TOLL	(151)			(151)	1.410	1.410	(2,122.62)	(2,122.62)
Shady Hills Power Company, L.L.C.	TOLL	88			88	9.540	9.540	8,396.39	8,396.39
Southern Power Company	Franklin	-			-	-	-	(15,587.51)	(15,587.51)
CURRENT MONTH TOTAL		410,094			410,094	4.191	4.191	17,187,681.21	17,187,681.21
DIFFERENCE		152,546			152,546	0.063	0.063	6,554,993.21	6,554,993.21
DIFFERENCE %		59.230			59.230	1.530	1.530	61.65	61.65
CUMULATIVE ACTUAL		1,510,893			1,510,893	4.580	4.580	69,237,994.49	69,237,994.49
CUMULATIVE EST MATED		866,805			866,805	4.140	4.140	35,916,128.00	35,916,128.00
DIFFERENCE		644,088			644,088	0.440	0.440	33,321,866.49	33,321,866.49
DIFFERENCE %		74			74	10.597	10.597	93	93

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
JUNE, 2018

(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		322,085			322,085	4.399	12.233	14,167,384.07
ACTUAL								
Citrus World (CITRUS)	CO-GEN	4			4	2.514	2.514	95.30
ADJ		0			0			(7.54)
Florida Power Development (FCRUSHAS)	CO-GEN	-			-	-	-	-
ADJ		-			-			-
Florida Power Development (FLACRUSH)	CO-GEN	24,130			24,130	7.762	7.762	1,873,020.12
ADJ		-			-			2,848.73
Lake County (LAKCOUNT)	CO-GEN	536			536	2.719	2.719	14,574.54
ADJ		-			-			(2,063.28)
Lee County (LEECOGAS)	CO-GEN	7,467			7,467	2.393	2.393	178,685.31
ADJ		(966)			(966)			(71,759.17)
Metro-Dade County (METRDADE)	CO-GEN	-			-	-	-	-
ADJ		-			-			-
Metro-Dade County (METRDDAS)	CO-GEN	8,720			8,720	2.621	2.621	228,565.57
ADJ		589			589			(5,754.63)
Orange Cogen (ORANGEAS)	CO-GEN	595			595	2.506	2.506	14,909.53
ADJ		-			-			(3,051.19)
Orange Cogen (ORANGECO)	CO-GEN	35,591			35,591	4.361	4.361	1,552,123.51
ADJ		-			-			23,494.01
Orlando Cogen Limited (ORLACOGL)	CO-GEN	85,504			85,504	5.490	5.490	4,694,169.60
ADJ		-			-			92,647.95
Orlando Cogen Limited (ORLCOGAS)	CO-GEN	-			-	-	-	-
ADJ		-			-			-
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	14,971			14,971	2.624	2.624	392,795.10
ADJ		-			-			(39,136.46)
PCS Phosphate (OCSWFCRK)	CO-GEN	93			93	2.765	2.765	2,584.83
ADJ		138			138			3,756.77
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	40,152			40,152	2.621	2.621	1,052,283.07
ADJ		-			-			(81,690.03)
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	36,791			36,791	3.115	3.115	1,146,039.65
ADJ		-			-			(82,399.31)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	19,682			19,682	5.668	5.668	1,115,575.76
ADJ		-			-			88,671.62
CURRENT MONTH TOTAL		273,997			273,997	4.449	4.449	12,190,979.35
DIFFERENCE		(48,088)			(48,088)	0.051	(7.783)	(1,976,404.72)
DIFFERENCE %		(15)			(15)	1.152	(174.931)	(13.95)
CUMULATIVE ACTUAL		1,653,102			1,653,102	4.534	4.534	74,948,068.53
CUMULATIVE ESTIMATED		1,765,051			1,765,051	4.455	4.455	78,632,128.95
CUMULATIVE DIFFERENCE		(111,950)			(111,950)	0.079	0.079	(3,684,060.42)
CUMULATIVE DIFFERENCE %		(6)			(6)	1.770	1.770	(4.69)

DUKE ENERGY FLORIDA, LLC.
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
JUNE, 2018

(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 \$
EST MATED		1,876	5.941	111,435	7.589	142337	30902
ACTUAL:							
SubTotal - Energy Purchases (Broker)							
SEPA	Hydro	1,132	3.708	41,968.59	3.708	41,968.59	0.00
Exelon Generation Company, LLC	InternationalSwapsDe	700	4.1	28,700.00	3.938	27,569.31	(1,130.69)
Florida Power & Light Company	Transmission Purchase			3,213.00			(3,213.00)
Florida Power & Light Company		2,300	3.548	81,600.00	2.572	59,150.00	(22,450.00)
Morgan Stanley Capital Group Inc.	EEI	900	2.124	19,120.00	3.061	27,544.60	8,424.60
Orlando Utilities Commission	Schedule OS	2,400	3.7	88,800.00	4.096	98,292.00	9,492.00
Tampa Electric Company	EEI2	4,210	3.595	151,350.00	4.743	199,663.70	48,313.70
The Energy Authority	EEI	333	2.705	9,007.00	2.409	8,021.10	(985.90)
ADJUSTMENTS							
Pennsylvania-New Jersey-Maryland Int.	MR1			2,659.97			(2,659.97)
Duke Transmission				(242.71)			242.71
Florida Power & Light				(1.85)			1.85
Southern Company Services	Transmission			158.30			(158.30)
Tampa Electric				161,787.67			(161,787.67)
SubTotal - Energy Purchases (Non-Broker)		11,975	4.911	588,119.97	3.860	462,209.30	(125,910.67)
CURRENT MONTH TOTAL		11,975	4.911	588,119.97	3.860	462,209.30	(125,910.67)
DIFFERENCE		10,099	(1.030)	476,684.97	(3.729)	319,872.30	(156,812.67)
DIFFERENCE %		538	(17.33)	427.77	(49.14)	224.73	(507.45)
CUMULATIVE ACTUAL		148,882	4.471	6,656,077.32	6.128	9,123,112.87	2,467,035.55
CUMULATIVE EST MATED		16,682	4.702	784,369.00	6.006	1,001,941.00	217,572.00
DIFFERENCE		132,200	(0.231)	5,871,708.32	0.122	8,121,171.87	2,249,463.55
DIFFERENCE %		792	(4.917)	748.59	2.025	810.54	1,033.89

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2018

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	5,071,564	5,590,987	5,331,276	5,331,276	5,331,276	5,331,276	0	0	0	0	0	0	31,987,653.43
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,025,789	5,514,457	5,302,972	5,361,969	5,361,790	5,361,790	0	0	0	0	0	0	31,928,767.10
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,784,800	2,011,580	1,898,190	1,898,190	1,898,190	1,898,190	0	0	0	0	0	0	11,389,140.00
4 Pinellas County Resource Recovery (P NCOUNT)	QF	54.75	1/1/95 - 12/31/24	4,248,600	4,788,435	4,518,518	4,518,518	4,518,518	4,518,518	0	0	0	0	0	0	27,111,105.00
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	6,965,675	7,676,459	7,321,066	7,321,066	7,321,066	7,321,066	0	0	0	0	0	0	43,926,398.32
6 Wheelabrator Ridge Energy, Inc. (R DGEGEN)	QF	39.60	8/1/94 - 12/31/23	765,872	790,760	798,927	800,946	800,946	800,946	0	0	0	0	0	0	4,758,396.26
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,609,957	4,467,756	2,685,103	2,663,030	2,934,373	4,811,161	0	0	0	0	0	0	22,171,379.30
8 Retail Wheeling				(82,003)	(2,819)	(5,894)	(4,260)	(35,146)	0	0	0	0	0	0	0	(130,121.69)
9 CR-3 Projected Expense				4,290,186	4,261,861	4,233,534	4,205,208	4,176,884	4,148,557	0	0	0	0	0	0	25,316,230.00
10 ISFSI Return				677,047	628,287	579,175	555,717	573,770	573,765	0	0	0	0	0	0	3,587,761.79
11 ASC Servicing Fee				0	0	0	0	0	0	0	0	0	0	0	0	0.00
SUBTOTAL				33,357,487	35,727,762	32,662,867	32,651,659	32,881,667	34,765,268	0	0	0	0	0	0	202,046,710
Confidential Capacity Contracts (Aggregated):																
Purchases/Sales (Net)	Other	MW	Contracts													
Total		1,176	4	6,240,425	6,374,971	5,301,439	4,841,747	6,213,334	11,147,327	0	0	0	0	0	0	40,119,243
TOTAL				39,597,912	42,102,733	37,964,306	37,493,405	39,095,001	45,912,595	0	0	0	0	0	0	242,165,952