



Matthew R. Bernier
Senior Counsel

July 24, 2017

VIA ELECTRONIC FILING

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

Re: Docket No. 20170001-EI

Dear Ms. Stauffer:

Attached for electronic filing in the subject docket on behalf of Duke Energy Florida, LLC, are Schedules A1 through A9 and A12 for the reporting month of June 2017. Included in the June 2017 A3 YTD and A4 YTD schedules are revisions to natural gas generation amounts (MMBtu and mcf only) for January – May 2017.

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
Senior Counsel

MRB/db
Attachments

cc: Michael Barrett, FPSC
Parties of record

CERTIFICATE OF SERVICE

Docket No. 20170001-EI

I HEREBY CERTIFY that a true copy of Duke Energy Florida, LLC's Schedules A1-A9 and A12 for the month of June 2017 have been furnished to the following individuals via e-mail on this 24th day of July, 2017.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JUNE 2017

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT				AMOUNT				AMOUNT	
				%				%				%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	115,354,960	111,149,953	4,205,007	3.8	3,311,472	3,527,555	(216,083)	(6.1)	3.4835	3.1509	0.3326	10.6
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	740	0	740	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	115,355,700	111,149,953	4,205,747	3.8	3,311,472	3,527,555	(216,083)	(6.1)	3.4835	3.1509	0.3326	10.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	13,971,663	9,019,357	4,952,306	54.9	311,235	227,376	83,859	36.9	4.4891	3.9667	0.5224	13.2
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	2,583	0	2,583	0.0	99	0	99	0.0	2.6089	0.0000	2.6089	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	405,148	308,450	96,698	31.4	11,333	6,432	4,901	76.2	3.5749	4.7954	(1.2205)	(25.5)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	12,874,239	11,745,616	1,128,623	9.6	294,450	277,669	16,781	6.0	4.3723	4.2301	0.1422	3.4
9 TOTAL COST OF PURCHASED POWER	27,253,632	21,073,423	6,180,210	29.3	617,117	511,478	105,639	20.7	4.4163	4.1201	0.2962	7.2
10 TOTAL AVAILABLE MWH					3,928,589	4,039,033	(110,444)	(2.7)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,730)	(209,097)	207,367	(99.2)	(38)	(6,012)	5,974	(99.4)	4.5538	3.4778	1.0760	30.9
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(946)	(50,896)	49,950	(98.1)	(38)	(6,012)	5,974	(99.4)	2.4890	0.8465	1.6425	194.0
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(3,534,564)	(2,446,981)	(1,087,584)	44.5	(192,853)	(101,407)	(91,446)	90.2	1.8328	2.4130	(0.5802)	(24.0)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(3,537,241)	(2,706,974)	(830,267)	30.7	(192,891)	(107,419)	(85,472)	79.6	1.8338	2.5200	(0.6862)	(27.2)
14 NET INADVERTENT AND WHEELED INTERCHANGE					20,669	0	20,669					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	139,072,092	129,516,402	9,555,690	7.4	3,756,367	3,931,613	(175,247)	(4.5)	3.7023	3.2942	0.4081	12.4
16 NET UNBILLED	120,473	3,638,061	(3,517,588)	(96.7)	(3,254)	(110,437)	107,183	(97.1)	0.0034	0.1007	(0.0973)	(96.6)
17 COMPANY USE	398,415	397,903	512	0.1	(10,761)	(12,079)	1,318	(10.9)	0.0112	0.0110	0.0002	1.8
18 T & D LOSSES	7,056,627	6,467,106	589,521	9.1	(190,601)	(196,316)	5,715	(2.9)	0.1987	0.1790	0.0197	11.0
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	139,072,092	129,516,402	9,555,690	7.4	3,551,751	3,612,781	(61,031)	(1.7)	3.9156	3.5850	0.3306	9.2
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,029,133)	(725,292)	(303,842)	41.9	(26,298)	(20,206)	(6,092)	30.2	3.9133	3.5895	0.3238	9.0
21 JURISDICTIONAL KWH SALES	138,042,958	128,791,110	9,251,848	7.2	3,525,452	3,592,575	(67,123)	(1.9)	3.9156	3.5849	0.3307	9.2
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	138,197,566	128,842,627	9,354,940	7.3	3,525,452	3,592,575	(67,123)	(1.9)	3.9200	3.5864	0.3336	9.3
23 PRIOR PERIOD TRUE-UP	2,184,805	2,184,805	0	0.0	3,525,452	3,592,575	(67,123)	(1.9)	0.0620	0.0608	0.0012	2.0
24 TOTAL JURISDICTIONAL FUEL COST	140,382,372	131,027,432	9,354,940	7.1	3,525,452	3,592,575	(67,123)	(1.9)	3.9820	3.6472	0.3348	9.2
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.9849	3.6498	0.3351	9.2
27 GPIF	187,952	187,952			3,525,452	3,592,575			0.0053	0.0052	0.0001	1.9
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.990	3.655	0.335	9.2

*Line 15a. MWH Data for Informational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - JUNE 2017

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	606,333,548	570,624,080	35,709,468	6.3	16,973,130	17,582,234	(609,104)	(3.5)	3.5723	3.2455	0.3268	10.1
2 COAL CAR SALE	(42,303)	0	(42,303)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(513,814)	0	(513,814)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	605,777,431	570,624,080	35,153,351	6.2	16,973,130	17,582,234	(609,104)	(3.5)	3.5690	3.2455	0.3235	10.0
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	61,832,577	26,660,306	35,172,271	131.9	1,320,322	633,399	686,923	108.5	4.6831	4.2091	0.4740	11.3
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	29,791	0	29,791	0.0	1,143	0	1,143	0.0	2.6064	0.0000	2.6064	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	5,566,362	1,993,923	3,572,439	179.2	151,484	44,676	106,809	239.1	3.6746	4.4631	(0.7885)	(17.7)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	71,240,448	70,074,310	1,166,137	1.7	1,601,870	1,665,801	(63,931)	(3.8)	4.4473	4.2066	0.2407	5.7
9 TOTAL COST OF PURCHASED POWER	138,669,178	98,728,539	39,940,639	40.5	3,074,819	2,343,875	730,944	31.2	4.5098	4.2122	0.2976	7.1
10 TOTAL AVAILABLE MWH					20,047,949	19,926,109	121,840	0.6				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(996,259)	(1,461,080)	464,821	(31.8)	(25,522)	(46,675)	21,153	(45.3)	3.9035	3.1303	0.7732	24.7
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(301,520)	(355,641)	54,121	(15.2)	(25,522)	(46,675)	21,153	(45.3)	1.1814	0.7620	0.4194	55.0
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	(14,870,419)	(11,295,946)	(3,574,473)	31.6	(859,311)	(457,639)	(401,672)	87.8	1.7305	2.4683	(0.7378)	(29.9)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(16,168,198)	(13,112,667)	(3,055,532)	23.3	(884,833)	(504,314)	(380,519)	75.5	1.8273	2.6001	(0.7728)	(29.7)
14 NET INADVERTENT AND WHEELED INTERCHANGE					100,319	0	100,319					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	728,278,411	656,239,952	72,038,458	11.0	19,263,435	19,421,795	(158,360)	(0.8)	3.7806	3.3789	0.4017	11.9
16 NET UNBILLED	24,688,846	12,196,085	12,492,761	102.4	(653,036)	(366,828)	(286,208)	78.0	0.1410	0.0677	0.0733	108.3
17 COMPANY USE	2,274,143	2,539,470	(265,327)	(10.5)	(60,153)	(75,007)	14,854	(19.8)	0.0130	0.0141	(0.0011)	(7.8)
18 T & D LOSSES	39,457,261	32,751,520	6,705,741	20.5	(1,043,670)	(969,305)	(74,365)	7.7	0.2254	0.1818	0.0436	24.0
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	728,278,411	656,239,952	72,038,458	11.0	17,506,576	18,010,656	(504,080)	(2.8)	4.1600	3.6436	0.5164	14.2
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(5,357,992)	(3,426,594)	(1,931,399)	56.4	(127,450)	(94,250)	(33,200)	35.2	4.2040	3.6356	0.5684	15.6
21 JURISDICTIONAL KWH SALES	722,920,419	652,813,359	70,107,060	10.7	17,379,126	17,916,406	(537,280)	(3.0)	4.1597	3.6437	0.5160	14.2
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	723,649,582	653,074,484	70,575,098	10.8	17,379,126	17,916,406	(537,280)	(3.0)	4.1639	3.6451	0.5188	14.2
23 PRIOR PERIOD TRUE-UP	13,108,832	13,108,830	2	0.0	17,379,126	17,916,406	(537,280)	(3.0)	0.0754	0.0732	0.0022	3.0
24 TOTAL JURISDICTIONAL FUEL COST	736,758,414	666,183,314	70,575,100	10.6	17,379,126	17,916,406	(537,280)	(3.0)	4.2393	3.7183	0.5210	14.0
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.2424	3.7210	0.5214	14.0
27 GPIF	1,127,711	1,127,712			17,379,126	17,916,406			0.0065	0.0063	0.0002	96.9
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.249	3.727	0.522	14.0

*Line 15a. MWH Data for Infomational Purposes Only

**DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JUNE 2017**

	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	\$115,354,960	111,149,953	\$4,205,007	3.8	\$606,333,548	\$570,624,080	\$35,709,468	6.3
1a. COAL CAR SALE	-	0	0	0.0	(42,303)	0	(42,303)	0.0
2. FUEL COST OF POWER SOLD	(1,730)	(209,097)	207,367	(99.2)	(996,259)	(1,461,080)	464,821	(31.8)
2a. GAIN ON POWER SALES	(946)	(50,896)	49,950	(98.1)	(301,520)	(355,641)	54,121	(15.2)
3. FUEL COST OF PURCHASED POWER	13,971,663	9,019,357	4,952,306	54.9	61,832,577	26,660,306	35,172,271	131.9
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	12,874,239	11,745,616	1,128,623	9.6	71,240,448	70,074,310	1,166,137	1.7
4. ENERGY COST OF ECONOMY PURCHASES	407,730	308,450	99,280	32.2	5,596,154	1,993,923	3,602,231	180.7
5. TOTAL FUEL & NET POWER TRANSACTIONS	142,605,916	131,963,383	10,642,533	8.1	743,662,644	667,535,898	76,126,746	11.4
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(3,534,564)	(2,446,981)	(1,087,584)	44.5	(14,870,419)	(11,295,946)	(3,574,473)	31.6
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	740	0	740	0.0	(513,814)	0	(513,814)	0.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET PWR TRNS	\$139,072,092	\$129,516,402	\$9,555,690	7.4	\$728,278,411	\$656,239,952	\$72,038,458	11.0

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)	740	0	740	4,380	0	4,380	
N/A - Not used	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0	(574,531)	0	(574,531)	
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	56,336	0	56,336	
N/A - Not used	0	0	0	0	0	0	
Derivative Collateral Interest	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$740	\$0	\$740	(\$513,814)	\$0	(\$513,814)	

B. KWH SALES								
1. JURISDICTIONAL SALES	3,525,452,307	3,592,575,146	(67,122,839)	(1.9)	17,379,126,929	17,916,406,036	(537,279,107)	(3.0)
2. NON JURISDICTIONAL (WHOLESALE) SALES	26,298,454	20,206,000	6,092,454	30.2	127,450,236	94,250,000	33,200,236	35.2
3. TOTAL SALES	3,551,750,761	3,612,781,146	(61,030,385)	(1.7)	17,506,577,165	18,010,656,036	(504,078,871)	(2.8)
4. JURISDICTIONAL SALES % OF TOTAL SALES	99.26	99.44	(0.18)	(0.2)	99.27	99.48	(0.21)	(0.2)

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JUNE 2017

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$129,207,442	\$131,486,986	(\$2,279,544)	(1.7)	\$626,040,440	\$655,734,154	(\$29,693,714)	(4.5)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(2,184,805)	(2,184,805)	(0)	0.0	(13,108,832)	(13,108,830)	(2)	0.0
2b. INCENTIVE PROVISION	(187,952)	(187,952)	0	0.0	(1,127,711)	(1,127,712)	2	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	126,834,685	129,114,229	(2,279,544)	(1.8)	611,803,898	641,497,612	(29,693,714)	(4.6)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	139,072,092	129,516,402	9,555,690	7.4	728,278,411	656,239,952	72,038,458	11.0
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.26	99.44	(0.18)	(0.2)	0.00	99.48	(99.48)	(100.0)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00112 LOSS MULTIPLIER)	138,197,566	128,842,627	9,354,940	7.3	723,649,582	653,074,484	70,575,098	10.8
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(11,362,882)	271,602	(11,634,484)	(4,283.7)	(111,845,685)	(11,576,872)	(100,268,813)	866.1
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(152,728)	(8,027)	(144,702)	1,802.8	(574,067)	(34,108)	(539,959)	1,583.1
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(175,091,290)	(27,168,194)	(147,923,096)	544.5	(85,111,174)	(26,217,663)	(58,893,511)	224.6
10. TRUE UP COLLECTED (REFUNDED)	2,184,805	2,184,805	0	0.0	13,108,832	13,108,830	2	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(184,422,095)	(24,719,813)	(159,702,281)	646.1	(184,422,095)	(24,719,813)	(159,702,281)	646.1
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$184,422,095)	(24,719,813)	(159,702,281)	646.1	(\$184,422,095)	(24,719,813)	(159,702,281)	646.1
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$175,091,290)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(184,269,366)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(359,360,656)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(179,680,328)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.950	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.080	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	2.030	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.015	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.085	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$152,728)	N/A	--	--				

NOT

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017
Run Date: 7/11/2017 2:49:34PM

<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	880,090	325,659	554,431	170.2%
3 - COAL	31,142,424	29,375,644	1,766,780	6.0%
4 - GAS	83,332,446	81,448,650	1,883,796	2.3%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	115,354,960	111,149,953	4,205,007	3.8%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	4,489	8	4,481	56,008.9%
11 - COAL	852,630	943,900	(91,270)	(9.7%)
12 - GAS	2,453,173	2,580,407	(127,234)	(4.9%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	1,182	3,241	(2,059.00)	(63.5)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	3,311,474	3,527,556	(216,082)	(6.1%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	9,674	1,948	7,726	396.6%
19 - COAL (TON)	395,843	437,356	(41,513)	(9.5%)
20 - GAS (MCF)	19,565,007	19,691,160	(126,153)	(0.6%)
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	55,829	11,342	44,487	392.2%
26 - COAL	8,993,059	9,950,205	(957,146)	(9.6%)
27 - GAS	19,991,084	19,691,160	299,924	1.5%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	29,039,973	29,652,707	(612,734)	(2.1%)

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017
Run Date: 7/11/2017 2:49:34PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.1	0.00	0.1	59670.1%
34 - COAL	25.7	26.76	(1.0)	(3.8%)
35 - GAS	74.1	73.15	0.9	1.3%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.04	0.09	(0.06)	(61.15)%
38	0.0	0.00	0.0	0.0%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
39 - TOTAL (% MWH)	100.0	99.9	0.1	0.1%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	90.97	167.18	(76.20)	(45.6%)
42 - COAL (\$/TON)	78.67	67.17	11.51	17.1%
43 - GAS (\$/MCF)	4.26	4.14	0.12	3.0%
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	15.76	28.71	(12.95)	(45.1%)
49 - COAL	3.46	2.95	0.51	17.3%
50 - GAS	4.17	4.14	0.03	0.8%
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%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
54 - SYSTEM (\$/MBTU)	3.97	3.75	0.22	6.0%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,438	1,417,750	(1,405,312)	(99.1%)
57 - COAL	10,547	10,542	6	0.1%
58 - GAS	8,149	7,631	518	6.8%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
62 - SYSTEM (BTU/KWH)	8,770	8,406	363	4.3%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017

Run Date: 7/11/2017 2:49:34PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	19.61	4,070.74	(4,051.13)	(99.5%)
65 - COAL	3.65	3.11	0.54	17.4%
66 - GAS	3.40	3.16	0.24	7.6%
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%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.48</u>	<u>3.15</u>	<u>0.33</u>	<u>10.6%</u>

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 6/1/2017

Run Date: 7/11/2017 3:33:21PM

<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	5,051,377	1,995,303	3,056,074	153.2%
3 - COAL	179,585,439	157,769,870	21,815,569	13.8%
4 - GAS	421,696,733	410,858,907	10,837,826	2.6%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	606,333,548	570,624,080	35,709,468	6.3%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	25,208	369	24,839	6,731.4%
11 - COAL	4,952,395	5,086,310	(133,915)	(2.6%)
12 - GAS	11,987,496	12,480,768	(493,272)	(4.0%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	8,034	14,788	(6,754.00)	(45.7)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	16,973,133	17,582,235	(609,102)	(3.5%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	52,698	12,515	40,183	321.1%
19 - COAL (TON)	2,244,573	2,322,347	(77,774)	(3.3%)
20 - GAS (MCF)	94,354,181	94,241,246	112,935	0.1%
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	303,534	72,898	230,636	316.4%
26 - COAL	50,312,991	52,767,174	(2,454,183)	(4.7%)
27 - GAS	96,447,077	94,241,246	2,205,831	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)	147,063,602	147,081,318	(17,716)	(0.0%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:33:21PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.1	0.00	0.1	6976.5%
34 - COAL	29.2	28.93	0.2	0.9%
35 - GAS	70.6	70.99	(0.4)	(0.5%)
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.05	0.08	(0.04)	(43.72)%
38	0.0	0.00	0.0	0.0%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
39 - TOTAL (% MWH)	100.0	99.9	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	95.86	159.43	(63.58)	(39.9%)
42 - COAL (\$/TON)	80.01	67.94	12.07	17.8%
43 - GAS (\$/MCF)	4.47	4.36	0.11	2.5%
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	16.64	27.37	(10.73)	(39.2%)
49 - COAL	3.57	2.99	0.58	19.4%
50 - GAS	4.37	4.36	0.01	0.3%
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%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
54 - SYSTEM (\$/MBTU)	4.12	3.88	0.24	6.3%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,041	197,556	(185,514)	(93.9%)
57 - COAL	10,159	10,374	(215)	(2.1%)
58 - GAS	8,046	7,551	495	6.6%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
62 - SYSTEM (BTU/KWH)	8,664	8,365	299	3.6%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 6/1/2017

Run Date: 7/11/2017 3:33:21PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	20.04	540.73	(520.69)	(96.3%)
65 - COAL	3.63	3.10	0.52	16.9%
66 - GAS	3.52	3.29	0.23	6.9%
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%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.57</u>	<u>3.25</u>	<u>0.33</u>	<u>10.1%</u>

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017
Run Date: 7/10/2017 2:02:30PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Nuclear:	0	0.00				0				0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	463.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	719.00	20			0				0	0	0.000	
TOTAL Solar:	9	1,182.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		157,048.00					Gas	1,642,357	1.024	1,681,774	7,859,519	5.005	4.786
TOTAL UNIT 2	524	157,048.00	42		10,709					1,681,774	7,859,519	5.005	
TOTAL UNIT 1		138,443.00					Gas	1,516,580	1.024	1,552,978	7,257,612	5.242	4.786
TOTAL UNIT 2	524	138,443.00	37		11,217					1,552,978	7,257,612	5.242	
Bartow													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
Crystal River 1 & 2													
TOTAL UNIT 1		14,927.00					Coal	8,107	22.370	181,354	777,875	5.211	95.951
TOTAL UNIT 1		0.00					No 2	214	5.796	1,240	15,868	0.000	74.147
TOTAL UNIT 1	372	14,927.00	6			12,232				182,594	793,742	5.317	
TOTAL UNIT 1		92,575.00					Coal	49,376	22.370	1,104,541	4,737,677	5.118	95.951
TOTAL UNIT 1		0.00					No 2	1,167	5.753	6,713	86,530	0.000	74.147
TOTAL UNIT 2	503	92,575.00	26			12,004				1,111,255	4,824,207	5.211	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017
Run Date: 7/10/2017 2:02:30PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Steam													
Crystal River 4 & 5													
		371,422.00					Coal	171,054	22.778	3,896,268	12,955,370	3.488	75.738
		0.00					No 2	1,639	5.751	9,425	121,485	0.000	74.122
TOTAL UNIT 4	721	371,422.00	72			10,516				3,905,693	13,076,856	3.521	
		376,188.00					Coal	167,306	22.778	3,810,896	12,671,502	3.368	75.738
		0.00					No 2	1,634	5.751	9,396	121,115	0.000	74.122
TOTAL UNIT 5	721	376,188.00	72			10,155				3,820,292	12,792,617	3.401	
Suwannee Plant													
		1.00					Gas	1	0.000	0	(3,274)	(327.357)	(3,273.570)
TOTAL UNIT 1			1.00			0				0	(3,274)	(327.357)	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Steam:	3,365	1,150,604.00				10,651				12,254,586	46,601,279	4.050	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017
Run Date: 7/10/2017 2:02:30PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
TOTAL APP		6.00					Gas	143	1.024	146	624	10.403	4.365
	25	6.00	0			24,405				146	624	10.403	
Bartow Combined Cycle													
TOTAL BCC		676,392.00					Gas	5,016,755	1.020	5,117,090	21,686,124	3.206	4.323
	1,120	676,392.00	84			7,565				5,117,090	21,686,124	3.206	
Bartow Peaker													
TOTAL BAP		943.00					Gas	15,749	1.023	16,111	75,030	7.956	4.764
	102	943.00	1			17,085				16,111	75,030	7.956	
Bayboro Peaker													
TOTAL BYP		243.70					No 2	639	5.712	3,650	92,509	37.960	144.772
	163	243.70	0			14,977				3,650	92,509	37.960	
Debary Peaker													
TOTAL DEP		430.11					No 2	996	5.773	5,750	116,405	27.064	116.873
		11,234.89					Gas	146,522	1.025	150,185	701,332	6.242	4.787
	638	11,665.00	3			13,368				155,935	817,737	7.010	
Higgins Peaker													
TOTAL HGP		671.10					Gas	11,522	1.024	11,799	54,852	8.173	4.761
	96	671.10	1			17,581				11,799	54,852	8.173	
Hines Energy													
TOTAL HEP		1,181,791.10					Gas	8,858,362	1.022	9,054,231	35,305,812	2.987	3.986
	2,199	1,181,791.10	75			7,661				9,054,231	35,305,812	2.987	
Intercession City Peaker													
TOTAL ICP		1,429.49					No 2	3,260	5.802	18,916	311,074	21.761	95.421
		21,277.59					Gas	275,762	1.021	281,553	1,189,482	5.590	4.313
	1,188	22,707.08	3			13,232				300,469	1,500,556	6.608	
Osprey													
TOTAL OSP		80,446.00					Gas	642,060	1.021	655,543	2,790,808	3.469	4.347
	531	80,446.00	21			8,149				655,543	2,790,808	3.469	
Suwannee Peaker													
TOTAL SRP		0.78					No 2	2	5.817	12	184	23.601	91.970
		2,310.22					Gas	33,677	1.024	34,485	160,831	6.962	4.776
	134	2,311.00	2			14,927				34,497	161,015	6.967	
Tiger Bay Cogen													
TOTAL TBP		149,320.00					Gas	1,093,033	1.020	1,114,894	4,746,429	3.179	4.342
	231	149,320.00	90			7,466				1,114,894	4,746,429	3.179	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017
Run Date: 7/10/2017 2:02:30PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Univ of Florida Cogen		75.20					No 2	125	5.818	727	14,920	19.841	119.361
		33,116.40					Gas	312,484	1.025	320,295	1,507,265	4.551	4.823
TOTAL UFP													
	48	33,191.60	96			9,672				321,022	1,522,185	4.586	
TOTAL Gas Turbine:													
	6,475	2,159,687.58				7,772				16,785,387	68,753,681	3.184	
SYSTEM													
TOTAL:	9,849	3,311,473.58				8,770				29,039,973	115,354,960	3.483	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:36:54PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Nuclear:	0	0.00				0				0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	3,116.00	19			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	4,918.00	22			0				0	0	0.000	
TOTAL Solar:	9	8,034.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		396,935.00					Gas	4,254,665	1.024	4,356,667	21,004,757	5.292	4.937
	524	396,935.00	17		10,976					4,356,667	21,004,757	5.292	
TOTAL UNIT 2		716,417.00					Gas	7,702,432	1.024	7,885,633	38,455,002	5.368	4.993
	524	716,417.00	31		11,007					7,885,633	38,455,002	5.368	
Bartow													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
Crystal River 1 & 2													
TOTAL UNIT 1		226,419.00					Coal	109,507	22.575	2,472,093	10,676,865	4.716	97.499
		0.00					No 2	2,381	5.766	13,728	189,623	0.000	79.640
	372	226,419.00	14		10,979					2,485,822	10,866,488	4.799	
TOTAL UNIT 2		394,860.00					Coal	203,400	22.528	4,582,097	19,762,034	5.005	97.158
		0.00					No 2	5,808	5.756	33,433	474,538	0.000	81.704
	503	394,860.00	18		11,689					4,615,530	20,236,572	5.125	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:36:54PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Steam													
Crystal River 4 & 5													
		2,217,935.00					Coal	995,134	22.390	22,281,255	76,876,883	3.466	77.253
		0.00					No 2	9,490	5.744	54,512	790,890	0.000	83.339
TOTAL UNIT 4	721	2,217,935.00	71			10,071				22,335,767	77,667,773	3.502	
		2,128,281.00					Coal	936,532	22.399	20,977,545	72,269,656	3.396	77.167
		0.00					No 2	9,727	5.742	55,850	801,420	0.000	82.391
TOTAL UNIT 5	721	2,128,281.00	68			9,883				21,033,396	73,071,077	3.433	
Suwannee Plant													
		1.00					Gas	1	0.000	0	(3,274)	(327.357)	(3,273.570)
TOTAL UNIT 1			1.00			0				0	(3,274)	(327.357)	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Steam:	3,365	6,080,848.00				10,313				62,712,815	241,298,396	3.968	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:36:54PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
		87.52					No 2	272	5.816	1,582	25,795	29.473	94.835
TOTAL APP		396.98					Gas	7,012	1.023	7,176	35,907	9.045	5.121
	50	484.50	0			18,076				8,758	61,702	12.735	
Bartow Combined Cycle													
TOTAL BCC		3,064,608.00					Gas	24,615,354	1.021	25,140,423	109,752,777	3.581	4.459
	1,120	3,064,608.00	63			8,203				25,140,423	109,752,777	3.581	
Bartow Peaker													
TOTAL BAP		422.77					No 2	1,197	5.712	6,837	126,559	29.936	105.730
		4,572.23					Gas	72,279	1.023	73,945	344,621	7.537	4.768
	198	4,995.00	1			16,173				80,782	471,180	9.433	
Bayboro Peaker													
TOTAL BYP		1,444.90					No 2	3,459	5.712	19,758	500,767	34.658	144.772
	217	1,444.90	0			13,674				19,758	500,767	34.658	
Debary Peaker													
TOTAL DEP		3,811.88					No 2	9,069	5.765	52,281	1,059,824	27.803	116.862
		60,882.12					Gas	815,168	1.024	835,024	3,924,463	6.446	4.814
	701	64,694.00	2			13,715				887,305	4,984,287	7.704	
Higgins Peaker													
TOTAL HGP		4,447.70					Gas	72,580	1.024	74,298	343,789	7.730	4.737
	121	4,447.70	1			16,705				74,298	343,789	7.730	
Hines Energy													
TOTAL HEP		6,381,806.10					Gas	45,621,921	1.022	46,637,046	197,136,495	3.089	4.321
	2,199	6,381,806.10	67			7,308				46,637,046	197,136,495	3.089	
Intercession City Peaker													
TOTAL ICP		4,796.53					No 2	10,992	5.803	63,784	1,049,170	21.874	95.449
		105,140.67					Gas	1,368,982	1.021	1,398,149	5,958,194	5.667	4.352
	1,188	109,937.20	2			13,298				1,461,933	7,007,364	6.374	
Osprey													
TOTAL OSP		216,413.00					Gas	1,589,052	1.021	1,622,581	7,210,945	3.332	4.538
	531	216,413.00	9			7,498				1,622,581	7,210,945	3.332	
Suwannee Peaker													
TOTAL SRP		50.46					No 2	127	5.817	739	11,680	23.148	91.968
		11,470.84					Gas	164,053	1.024	167,947	818,908	7.139	4.992
	200	11,521.30	1			14,641				168,686	830,587	7.209	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:36:54PM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Tiger Bay Cogen													
TOTAL TBP		831,406.00					Gas	6,229,774	1.021	6,362,481	27,964,164	3.363	4.489
	231	831,406.00	83			7,653				6,362,481	27,964,164	3.363	
Univ of Florida Cogen													
TOTAL UFP		104.99					No 2	177	5.814	1,029	21,110	20.107	119,267
		192,389.01					Gas	1,840,908	1.024	1,885,707	8,749,984	4.548	4.753
	48	192,494.00	92			9,802				1,886,736	8,771,094	4.557	
TOTAL Gas Turbine:													
	6,804	10,884,251.70				7,750				84,350,777	365,035,152	3.354	
SYSTEM TOTAL:													
	10,177	16,973,133.70				8,664				147,063,602	606,333,548	3.572	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:14:04PM

	<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	-
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			
11 - AMOUNT (\$)	0			
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	4,584	1,948	2,636	135.3%
20 - UNIT COST (\$/BBL)	100.76	167.18	(66.42)	(39.7%)
21 - AMOUNT (\$)	461,872	325,659	136,213	41.8%
22 - BURNED				
23 - UNITS (BBL)	9,674	1,948	7,726	396.6%
24 - UNIT COST (\$/BBL)	90.97	167.18	(76.20)	(45.6%)
25 - AMOUNT (\$)	880,090	325,659	554,431	170.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	907,649	947,635	(39,986)	(4.2%)
31 - UNIT COST (\$/BBL)	111.22	109.83	1.40	1.3%
32 - AMOUNT (\$)	100,950,380	104,075,698	(3,125,319)	(3.0%)
33 -				
34 - DAYS SUPPLY	2,815	14,594	(11,779)	(80.7%)

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:14:04PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	422,884	437,356	(14,472)	(3.3%)
37 - UNIT COST (\$/TON)	79.33	67.17	12.17	18.1%
38 - AMOUNT (\$)	33,549,340	29,375,644	4,173,696	14.2%
39 - BURNED				
40 - UNITS (TON)	395,843	437,356	(41,513)	(9.5%)
41 - UNIT COST (\$/TON)	78.67	67.17	11.51	17.1%
42 - AMOUNT (\$)	31,142,424	29,375,644	1,766,780	6.0%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	826,945	882,732	(55,787)	(6.3%)
48 - UNIT COST (\$/TON)	80.65	67.17	13.48	20.1%
49 - AMOUNT (\$)	66,693,575	59,289,931	7,403,644	12.5%
50 -				
51 - DAYS SUPPLY	63	61	2	3.5%
OTHER				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 6/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:14:04PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	19,565,007	19,691,160	(126,153)	(0.6%)
68 - UNIT COST (\$/MCF)	4.26	4.14	0.12	3.0%
69 - AMOUNT (\$)	83,332,446	81,448,650	1,883,796	2.3%
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

NOTE: Purchase dollars and units do not include plant to plant transfers. See schedule A-5, Attachment #1 for detail of adjustments

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:35:04PM

	<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	-
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			
11 - AMOUNT (\$)	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)	25,358	11,210	14,148	126.2%
20 - UNIT COST (\$/BBL)	132.58	152.75	(20.18)	(15.8%)
21 - AMOUNT (\$)	3,361,892	1,712,360	1,649,532	96.3%
22 - BURNED				
23 - UNITS (BBL)	52,698	11,210	41,488	370.1%
24 - UNIT COST (\$/BBL)	95.86	152.75	(56.90)	(37.2%)
25 - AMOUNT (\$)	5,051,377	1,712,360	3,339,017	195.0%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	4,468			
28 - AMOUNT (\$)	574,531			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	907,649	947,635	(39,986)	(4.2%)
31 - UNIT COST (\$/BBL)	111.22	109.83	1.40	1.3%
32 - AMOUNT (\$)	100,950,380	104,075,698	(3,125,319)	(3.0%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Report Period: 1/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:35:04PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	2,258,952	1,927,245	331,707	17.2%
37 - UNIT COST (\$/TON)	79.00	68.15	10.85	15.9%
38 - AMOUNT (\$)	178,464,306	131,338,954	47,125,352	35.9%
39 - BURNED				
40 - UNITS (TON)	2,244,573	1,927,245	317,328	16.5%
41 - UNIT COST (\$/TON)	80.01	68.15	11.86	17.4%
42 - AMOUNT (\$)	179,585,439	131,338,954	48,246,485	36.7%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	826,945	882,732	(55,787)	(6.3%)
48 - UNIT COST (\$/TON)	80.65	67.17	13.48	20.1%
49 - AMOUNT (\$)	66,693,575	59,289,931	7,403,644	12.5%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
OTHER				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 6/1/2017
Run Date: 7/11/2017 3:35:04PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	94,354,181	80,973,961	13,380,220	16.5%
68 - UNIT COST (\$/MCF)	4.47	4.32	0.15	3.5%
69 - AMOUNT (\$)	421,696,733	349,700,738	71,995,995	20.6%
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

NOTE: Purchase dollars and units do not include plant to plant transfers. See schedule A-5, Attachment #1 for detail of adjustments

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
June 2017

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold	KWH Wheeled from Other Systems	KWH from Own Generation	Fuel Cost	Total Cost	Fuel Adj Total	Total Cost	Gain on Sales
		(000)	(000)	(000)	C/KWH	C/KWH	\$	\$	\$
ESTIMATED		6,012		6,012	3.478	4.324	209,097.00	259,993.00	50,896.00
ACTUAL									
New Smyrna Beach	CR-1	5	0	5	2.352	3.744	117.60	187.20	69.60
Tallahassee (City of)	Schedule A	33.00	0.00	33.00	4.89	7.60	1612.84	2508.37	895.53
PJM Settlements								-19.31	-19.31
Subtotal - Gain on Other Power Sales		38	0	38	4.554	7.043	1,730.44	2,676.26	945.82
CURRENT MONTH TOTAL		38		38	4.554	7.043	1,730.44	2,676.26	945.82
DIFFERENCE		-5,974.00		-5,974.00	1.076	2.719	-207,366.56	-257,316.74	-49,950.18
DIFFERENCE %		-99.368		-99.368	30.931	62.877	-99.17	-98.97	-98.14
CUMULATIVE ACTUAL		25,522.00		25,522.00	3.904	5.085	996,259.21	1,297,779.65	301,520.44
CUMULATIVE ESTIMATED		46,674.00		46,674.00	3.130	3.892	1,461,080.00	1,816,721.00	355,641.00
DIFFERENCE		-21,152.00		-21,152.00	0.773	1.193	-464,820.79	-518,941.35	-54,120.56
DIFFERENCE %		-45.319		-45.319	24.698	30.639	-31.814	-28.565	-15.22

DUKE ENERGY FLORIDA, LLC.
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
JUNE, 2017

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL KWH PURCHASED (000)	(4) KWH FOR UTILITIES (000)	(5) KWH FOR INTERRUPTIBLE (000)	(6) KWH FOR FIRM (000)	(7) FUEL COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$	(10) FUEL COST \$
ESTIMATED		227,376			227,376	3.967	3.967	9,019,357.00	9,019,357.00
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	19,180			19,180	7.600	7.600	1,457,488.36	1,457,488.36
Southern Company Services, Inc.	Scherer				-	-	-	-	0
Southern Power Company	Franklin	173,134			173,134	3.220	3.220	5,582,497.76	5,582,497.76
Vandolah Power Company L.L.C.	TOLL	111,491			111,491	5.952	5.950	6,636,383.40	6,636,383.40
ADJUSTMENTS									
Osprey Energy Center	TOLL	-			-	-	-	(7,816.59)	(7,816.59)
Shady Hills Power Company, L.L.C.	TOLL	2,655			2,655	1.206	1.206	32,043.88	32,043.88
Southern Company Services, Inc.	Scherer				-	-	-	-	-
Southern Power Company	Franklin				-	-	-	247,449.09	247,449.09
Vandolah Power Company L.L.C.	TOLL	4,775			4,775	0.494	0.494	23617.40	23,617.40
CURRENT MONTH TOTAL		311,235			311,235	4.489	4.489	13,971,663.30	13,971,663.30
DIFFERENCE		83,859			83,859	0.522	0.522	4,952,306.30	4,952,306.30
DIFFERENCE %		36.880			36.880	13.160	13.160	54.91	54.91
CUMULATIVE ACTUAL		1,320,322			1,320,322	4.680	4.680	61,832,576.91	61,832,576.91
CUMULATIVE ESTIMATED		633,399			633,399.00	4.210	4.210	26,660,306.00	26,660,306.00
DIFFERENCE		686,923			686,923.00	0.470	0.470	35,172,270.91	35,172,270.91
DIFFERENCE %		108.000			108.000	11.263	11.263	131.930	131.930

DUKE ENERGY FLORIDA, LLC.
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
JUNE, 2017

(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		277,669	-	-	277,669	4.230	12.864	11,745,616.00
ACTUAL								
Citrus World (CITRUS)	CO-GEN	0			0	3.088	3.088	7.72
ADJ		(1)			(1)			(48.13)
Florida Power Development (FCRUSHAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			(459.05)
Florida Power Development (FLACRUSH)	CO-GEN	24,968			24,968	7.638	7.638	1,907,178.09
ADJ		-			-			(3,537.98)
Lake County (LAKCOUNT)	CO-GEN	114			114	3.103	3.103	(1,166.47)
ADJ		-			-			604,725.60
Lee County (LEECOGAS)	CO-GEN	21,666			21,666	2.791	2.791	(586.23)
ADJ		-			-			-
Metro-Dade County (METRDADE)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Metro-Dade County (METRDDAS)	CO-GEN	10,759			10,759	3.162	3.162	340,194.59
ADJ		-			-			(9,465.70)
Orange Cogen (ORANGEAS)	CO-GEN	942			942	2.899	2.899	27,308.27
ADJ		-			-			(3,301.04)
Orange Cogen (ORANGECO)	CO-GEN	37,196			37,196	4.256	4.256	1,583,061.76
ADJ		-			-			10,240.94
Orlando Cogen Limited (ORLACOGL)	CO-GEN	83,345			83,345	5.326	5.326	4,439,298.22
ADJ		63			63			4,451.78
Orlando Cogen Limited (ORLCOGAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	16,964			16,964	2.775	2.775	470,754.17
ADJ		-			-			(10,027.13)
PCS Phosphate (OCSWFCRK)	CO-GEN	14			14	3.030	3.030	430.01
ADJ		12			12			359.09
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	39,567			39,567	2.782	2.782	1,100,651.52
ADJ		-			-			(29,744.81)
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	37,221			37,221	3.401	3.401	1,265,886.21
ADJ		-			-			(41,186.67)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	21,620			21,620	5.458	5.458	1,180,019.60
ADJ		-			-			32,118.28
CURRENT MONTH TOTAL		294,450			294,450	4.37	4.37	12,874,238.60
DIFFERENCE		16,781			16,781	0.14	(8.492)	1,128,622.60
DIFFERENCE %		6.04			6.04	3.36	(194.22)	9.609
CUMULATIVE ACTUAL		1,601,870			1,601,870	4.447	4.447	71,240,447.58
CUMULATIVE ESTIMATED		1,665,800			1,665,800	4.207	4.207	70,074,311.00
CUMULATIVE DIFFERENCE		(63,930)			(63,930)	0.241	0.241	1,166,136.58
CUMULATIVE DIFFERENCE %		(3.838)			(3.838)	5.722	5.722	1.664

DUKE ENERGY FLORIDA, LLC.
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
JUNE, 2017

(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		6,432	4.795	308,450.00	5.095	327,717.00	19,267.00
ACTUAL:							
Florida Municipal Power Agency	Schedule C	50	2.824	\$1,411.75	3.339	\$1,669.25	257.50
Florida Power & Light Company	Schedule C	49	2.39	\$1,171.10	2.17	\$1,063.20	-107.90
SubTotal - Energy Purchases (Broker)		99	2.609	2,582.85	2.760	2,732.45	149.60
SEPA	Hydro	616	3.766	23,199.02	0.000	23,199.02	0.00
Duke Electric Transmission	Transmission Purchase	-	0.000	-	0.000	-	0.00
EDF Trading North America, LLC		853	3.984	\$33,981.00	5.498	\$46,899.45	12,918.45
Exelon Generation Company, LLC	InternationalSwapsDe	1,548	3.416	\$52,878.00	3.679	\$56,952.19	4,074.19
Florida Power & Light Company	Transmission Purchase			\$5,842.80			-5,842.80
Florida Power & Light Company		2,320	3.490	\$80,975.00	4.162	\$96,550.20	15,575.20
Morgan Stanley Capital Group Inc.	EEl	25	3.700	\$925.00	3.475	\$868.75	-56.25
Orlando Utilities Commission	Schedule OS	3,165	3.263	\$103,265.00	3.832	\$121,275.50	18,010.50
Southern Company Services, Inc.	EEl	408	5.200	\$21,216.00	6.801	\$27,748.00	6,532.00
Tampa Electric Company	EEl2	2,185	3.439	\$75,150.00	4.361	\$95,278.20	20,128.20
Tampa Electric Company	Transmission Purchase			\$2,298.06			-2,298.06
The Energy Authority	EEl	180	2.511	\$4,520.00	2.746	\$4,943.52	423.52
ADJUSTMENTS							
Pennsylvania-New Jersey-Maryland Int.	MR1	-	0.000	(367.86)	0.000	-	367.86
SEPA Adjustment		34		1,265.52		1,265.52	
SubTotal - Energy Purchases (Non-Broker)		11,333	3.57490736	405,147.54	4.191092334	474,980.35	69,832.81
CURRENT MONTH TOTAL		11,432	3.567	407,730.39	4.179	477,712.80	69,982.41
DIFFERENCE		5,000	(1.228)	99,280.39	-0.916	149,995.80	50,715.41
DIFFERENCE %		78	(25.620)	32.19	-17.984	45.77	263.22
CUMULATIVE ACTUAL		152,627	3.667	5,596,153.82	5.018	7,658,545.16	2,062,391.34
CUMULATIVE ESTIMATED		44,675	4.463	1,993,923.00	4.759	2,126,092.00	132,169.00
DIFFERENCE		107,952	(0.797)	3,602,230.82	0.259	5,532,453.16	1,930,222.34
DIFFERENCE %		242	(17.849)	180.66	5.438	260.22	1,460.42

DUKE ENERGY FLORIDA
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2017

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	30,429,383
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,102,804	5,102,804	5,102,804	5,102,804	5,089,383	5,094,138	30,594,735
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	10,708,800
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	25,491,600
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	6,733,888	6,656,139	6,675,150	6,669,159	6,662,563	6,900,122	40,297,022
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	1,097,143	646,573	648,924	678,961	684,116	705,834	4,461,551
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	23,472,549
8 Retail Wheeling				(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(90,725)
9 CR-3 Projected Expense				4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	26,343,797
SUBTOTAL				32,959,883	32,569,913	30,596,218	30,601,242	30,796,432	34,185,023	191,708,712

Confidential Capacity Contracts (Aggregated):

Purchases/Sales (Net)	Other	MW	Contracts	JAN	FEB	MAR	APR	MAY	JUN	YTD
Total		1,176	4	6,763,320	6,632,182	5,145,606	5,095,613	6,405,991	11,377,271	41,419,982
TOTAL				39,723,203	39,202,095	35,741,824	35,696,855	37,202,424	45,562,294	233,128,694

Duke Energy Florida
2017
A Schedule Acronym Listing

Acronym	Definition
RRSSA	Revised and Restated Stipulation and Settlement Agreement
T &D	Transmission and Distribution
GPIF	Generating Performance Incentive Factor
MWH	Megawatt Hour
KWH	Kilowatt Hour
CAP	Capacity
FAC	Factor
EQUIV	Equivalent
AVAIL	Availability
Adj	Adjusted/Adjustment
C/KWH	Cents per kilowatt Hour
SEPA	Southeastern Power Administration
Cogen / CO-GEN	Cogeneration
TOLL	Tolling
BBL	Barrel
MCF	Thousand Cubic Feet
MMBTU	Million British Thermal Units
BTU	British Thermal Unit