



Matthew R. Bernier
Associate General Counsel

October 20, 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 September 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
Associate General Counsel

MRB/mw
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 September 2017 have been furnished to the following individuals via e-mail on this 20th day of October, 2017.

s/ Matthew R. Bernier
Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

SEPTEMBER 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)	110,420,006	110,750,652	(330,646)	(0.3)	3,165,085	3,485,119	(320,034)	(9.2)	3.4887	3.1778	0.3109	9.8
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	630	0	630	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	110,420,636	110,750,652	(330,016)	(0.3)	3,165,085	3,485,119	(320,034)	(9.2)	3.4887	3.1778	0.3109	9.8
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	20,289,746	9,356,711	10,933,035	116.9	450,328	236,004	214,324	90.8	4.5055	3.9646	0.5409	13.6
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	1,410	0	1,410	0.0	50	0	50	0.0	2.8200	0.0000	2.8200	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	1,435,471	327,741	1,107,730	338.0	22,572	6,966	15,606	224.0	6.3595	4.7051	1.6544	35.2
8 PAYMENTS TO QUALIFY NG FACILITIES (SCH A8)	9,337,870	11,889,369	(2,551,499)	(21.5)	211,518	277,650	(66,132)	(23.8)	4.4147	4.2821	0.1326	3.1
9 TOTAL COST OF PURCHASED POWER	31,064,497	21,573,821	9,490,676	44.0	684,468	520,620	163,848	31.5	4.5385	4.1439	0.3946	9.5
10 TOTAL AVA LABLE MWH					3,849,553	4,005,739	(156,186)	(3.9)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(444,194)	(81,602)	(362,592)	444.3	(13,627)	(2,645)	(10,982)	415.2	3.2597	3.0851	0.1746	5.7
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	35,054	(19,864)	54,918	(276.5)	(13,627)	(2,645)	(10,982)	415.2	(0.2572)	0.7510	(1.0082)	(134.3)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(4,623,612)	(2,335,392)	(2,288,220)	98.0	(195,165)	(95,576)	(99,589)	104.2	2.3691	2.4435	(0.0744)	(3.0)
13 TOTAL FUEL COST AND GA NS ON POWER SALES	(5,032,752)	(2,436,858)	(2,595,895)	106.5	(208,792)	(98,221)	(110,571)	112.6	2.4104	2.4810	(0.0706)	(2.9)
14 NET NADVERTENT AND WHEELED NTERCHANGE					27,889	0	27,889					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	136,452,380	129,887,615	6,564,765	5.1	3,668,650	3,907,518	(238,868)	(6.1)	3.7194	3.3240	0.3954	11.9
16 NET UNBILLED	(17,238,982)	(7,546,879)	(9,692,103)	128.4	463,486	227,039	236,447	104.1	(0.4498)	(0.1922)	(0.2576)	134.0
17 COMPANY USE	637,655	446,472	191,183	42.8	(17,144)	(13,432)	(3,712)	27.6	0.0166	0.0114	0.0052	45.6
18 T & D LOSSES	10,494,751	6,481,488	4,013,263	61.9	(282,161)	(194,988)	(87,173)	44.7	0.2738	0.1651	0.1087	65.8
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	136,452,380	129,887,615	6,564,765	5.1	3,832,831	3,926,138	(93,307)	(2.4)	3.5601	3.3083	0.2518	7.6
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(859,650)	(701,393)	(158,257)	22.6	(24,001)	(21,252)	(2,749)	12.9	3.5817	3.3004	0.2813	8.5
21 JURISDICTIONAL KWH SALES	135,592,730	129,186,222	6,406,508	5.0	3,808,830	3,904,886	(96,056)	(2.5)	3.5600	3.3083	0.2517	7.6
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1 00112	135,744,594	129,237,896	6,506,697	5.0	3,808,830	3,904,886	(96,056)	(2.5)	3.5639	3.3096	0.2543	7.7
23 PRIOR PERIOD TRUE-UP	2,184,805	2,184,805	0	0.0	3,808,830	3,904,886	(96,056)	(2.5)	0.0574	0.0560	0.0014	2.5
24 TOTAL JURISDICTIONAL FUEL COST	137,929,399	131,422,701	6,506,697	5.0	3,808,830	3,904,886	(96,056)	(2.5)	3.6213	3.3656	0.2557	7.6
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.6239	3.3680	0.2559	7.6
27 GPIF	187,952	187,952							0.0049	0.0048	0.0001	2.1
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.629	3.373	0.256	7.6

*Line 15a. MWH Data for Infomational Purposes Only

**DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - SEPTEMBER 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)	968,254,557	914,670,397	53,584,160	5.9	27,782,187	28,513,991	(731,804)	(2.6)	3.4852	3.2078	0.2774	8.7
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	3,462,302	0	3,462,302	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	971,674,556	914,670,397	57,004,159	6.2	27,782,187	28,513,991	(731,804)	(2.6)	3.4975	3.2078	0.2897	9.0
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	114,644,100	60,019,463	54,624,637	91.0	2,546,306	1,466,499	1,079,807	73.6	4.5024	4.0927	0.4097	10.0
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	32,448	0	32,448	0.0	1,242	0	1,242	0.0	2.6126	0.0000	2.6126	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	7,760,727	3,183,840	4,576,887	143.8	194,038	69,178	124,860	180.5	3.9996	4.6024	(0.6028)	(13.1)
8 PAYMENTS TO QUALIFY NG FACILITIES (SCH A8)	107,752,593	106,439,451	1,313,142	1.2	2,416,205	2,517,301	(101,096)	(4.0)	4.4596	4.2283	0.2313	5.5
9 TOTAL COST OF PURCHASED POWER	230,189,868	169,642,754	60,547,114	35.7	5,157,791	4,052,978	1,104,813	27.3	4.4630	4.1856	0.2774	6.6
10 TOTAL AVA LABLE MWH					32,939,978	32,566,969	373,009	1.2				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,020,263)	(1,847,705)	(172,558)	9.3	(54,355)	(58,453)	4,098	(7.0)	3.7168	3.1610	0.5558	17.6
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(532,969)	(449,751)	(83,218)	18.5	(54,355)	(58,453)	4,098	(7.0)	0.9805	0.7694	0.2111	27.4
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(29,876,434)	(19,019,099)	(10,857,335)	57.1	(1,523,715)	(772,776)	(750,939)	97.2	1.9608	2.4611	(0.5003)	(20.3)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(32,429,666)	(21,316,555)	(11,113,110)	52.1	(1,578,070)	(831,229)	(746,841)	89.9	2.0550	2.5645	(0.5095)	(19.9)
14 NET NADVERTENT AND WHEELED NTERCHANGE					168,925	0	168,925					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	1,169,434,758	1,062,996,596	106,438,163	10.0	31,530,833	31,735,739	(204,907)	(0.7)	3.7089	3.3495	0.3594	10.7
16 NET UNBILLED	22,315,094	6,583,265	15,731,829	239.0	(601,670)	(198,463)	(403,206)	203.2	0.0770	0.0221	0.0549	248.4
17 COMPANY USE	4,194,772	3,839,234	355,538	9.3	(113,101)	(114,346)	1,244	(1.1)	0.0145	0.0129	0.0016	12.4
18 T & D LOSSES	67,457,368	53,052,354	14,405,014	27.2	(1,818,816)	(1,583,882)	(234,934)	14.8	0.2326	0.1778	0.0548	30.8
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,169,434,758	1,062,996,596	106,438,163	10.0	28,997,245	29,839,048	(841,803)	(2.8)	4.0329	3.5624	0.4705	13.2
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(8,089,580)	(5,761,720)	(2,327,861)	40.4	(198,531)	(162,022)	(36,509)	22.5	4.0747	3.5561	0.5186	14.6
21 JURISDICTIONAL KWH SALES	1,161,345,178	1,057,234,876	104,110,302	9.9	28,798,714	29,677,026	(878,312)	(3.0)	4.0326	3.5625	0.4701	13.2
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	1,162,565,377	1,057,657,770	104,907,608	9.9	28,798,714	29,677,026	(878,312)	(3.0)	4.0369	3.5639	0.4730	13.3
23 PRIOR PERIOD TRUE-UP	19,663,247	19,663,245	2	0.0	28,798,714	29,677,026	(878,312)	(3.0)	0.0683	0.0663	0.0020	3.0
24 TOTAL JURISDICTIONAL FUEL COST	1,182,228,625	1,077,321,015	104,907,610	9.7	28,798,714	29,677,026	(878,312)	(3.0)	4.1052	3.6302	0.4750	13.1
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.1082	3.6328	0.4753	13.1
27 GPIF	1,691,566	1,691,568							0.0059	0.0057	0.0002	96.6
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.114	3.639	0.476	13.1

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
SEPTEMBER 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	\$110,420,006	110,750,652	(\$330,646)	(0.3)	\$968,254,557	\$914,670,397	\$53,584,160	5.9
1a. COAL CAR SALE	-	0	0	0.0	(42,303)	0	(42,303)	0.0
2. FUEL COST OF POWER SOLD	(444,194)	(81,602)	(362,592)	444.3	(2,020,263)	(1,847,705)	(172,558)	9.3
2a. GAIN ON POWER SALES	35,054	(19,864)	54,918	(276.5)	(532,969)	(449,751)	(83,218)	18.5
3. FUEL COST OF PURCHASED POWER	20,289,746	9,356,711	10,933,035	116.9	114,644,100	60,019,463	54,624,637	91.0
3a. ENERGY PAYMENTS TO QUALIFY NG FAC LITIES	9,337,870	11,889,369	(2,551,499)	(21.5)	107,752,593	106,439,451	1,313,142	1.2
4. ENERGY COST OF ECONOMY PURCHASES	1,436,881	327,741	1,109,140	338.4	7,793,175	3,183,840	4,609,335	144.8
5. TOTAL FUEL & NET POWER TRANSACTIONS	141,075,362	132,223,007	8,852,355	6.7	1,195,848,890	1,082,015,695	113,833,195	10.5
6. ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(4,623,612)	(2,335,392)	(2,288,220)	98.0	(29,876,434)	(19,019,099)	(10,857,335)	57.1
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	630	0	630	0.0	3,462,302	0	3,462,302	0.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7. ADJUSTED TOTAL FUEL & NET PWR TRNS	\$136,452,380	\$129,887,615	\$6,564,765	5.1	\$1,169,434,758	\$1,062,996,596	\$106,438,163	10.0

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)	630	0	630	6,240	0	6,240	
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	3,974,256	0	3,974,256	
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	
SUBTOTAL LINE 6b SHOWN ABOVE	\$630	\$0	\$630	\$3,462,302	\$0	\$3,462,302	

B. KWH SALES								
1. JURISDICTIONAL SALES	3,808,829,948	3,904,885,848	(96,055,900)	(2.5)	28,798,714,025	29,677,026,131	(878,312,106)	(3.0)
2. NON JURISDICTIONAL (WHOLESALE) SALES	24,001,219	21,252,000	2,749,219	12.9	198,531,415	162,022,000	36,509,415	22.5
3. TOTAL SALES	3,832,831,167	3,926,137,848	(93,306,681)	(2.4)	28,997,245,440	29,839,048,131	(841,802,691)	(2.8)
4. JURISDICTIONAL SALES % OF TOTAL SALES	99.37	99.46	(0.09)	(0.1)	99.32	99.46	(0.14)	(0.1)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$140,647,336	\$142,917,448	(\$2,270,111)	(1.6)	\$1,047,865,911	\$1,086,168,710	(\$38,302,799)	(3.5)
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	(19,663,247)	(19,663,245)	(2)	0.0
2b. INCENTIVE PROVISION	(187,952)	(187,952)	0	0.0	(1,691,566)	(1,691,568)	2	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	138,274,579	140,544,691	(2,270,111)	(1.6)	1,026,511,098	1,064,813,897	(38,302,799)	(3.6)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	136,452,380	129,887,615	6,564,765	5.1	1,169,434,758	1,062,996,596	106,438,163	10.0
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.37	99.46	(0.09)	(0.1)	0.00	99.46	(99.46)	(100.0)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00112 LOSS MULTIPLIER)	135,744,594	129,237,896	6,506,697	5.0	1,162,565,377	1,057,657,770	104,907,608	9.9
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	2,529,986	11,306,794	(8,776,808)	(77.6)	(136,054,280)	7,156,127	(143,210,407)	(2,001.2)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(153,595)	(1,903)	(151,692)	7,970.6	(1,087,456)	(48,436)	(1,039,020)	2,145.1
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(207,150,858)	(12,936,423)	(194,214,435)	1,501.3	(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	19,663,247	19,663,245	2	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(202,589,662)	553,273	(203,142,935)	(36,716.6)	(202,589,662)	553,273	(203,142,935)	(36,716.6)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$202,589,662)	553,273	(203,142,935)	(36,716.6)	(\$202,589,662)	553,273	(203,142,935)	(36,716.6)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$207,150,858)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(202,436,067)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(409,586,925)	N/A	--	--		NOT		
4. AVERAGE TRUE UP (50% OF LINE D3)	(204,793,462)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.060	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.730	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	1.790	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.895	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.075	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$153,595)	N/A	--	--				

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:43:16AM

<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	3,437,999	372,783	3,065,216	822.3%
3 - COAL	26,857,534	29,149,530	(2,291,996)	(7.9%)
4 - GAS	80,124,473	81,228,339	(1,103,866)	(1.4%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	110,420,006	110,750,652	(330,646)	(0.3%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	10,684	76	10,608	13,957.6%
11 - COAL	771,629	961,858	(190,229)	(19.8%)
12 - GAS	2,382,280	2,520,136	(137,856)	(5.5%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	493	3,050	(2,557.00)	(83.8%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	3,165,085	3,485,120	(320,035)	(9.2%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	32,905	2,630	30,275	1,151.1%
19 - COAL (TON)	374,153	444,791	(70,638)	(15.9%)
20 - GAS (MCF)	19,002,025	19,200,406	(198,381)	(1.0%)
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	190,274	15,317	174,957	1,142.2%
26 - COAL	8,478,732	10,109,282	(1,630,550)	(16.1%)
27 - GAS	19,443,803	19,200,406	243,397	1.3%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	28,112,809	29,325,005	(1,212,196)	(4.1%)

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:43:16AM

<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	0.3	0.00	0.3	15379.0%
34 - COAL	24.4	27.60	(3.2)	(11.7%)
35 - GAS	75.3	72.31	3.0	4.1%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.02	0.09	(0.07)	(82.20)%
38	0.0	0.00	0.0	0.0%
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)	104.48	141.74	(37.26)	(26.3%)
42 - COAL (\$/TON)	71.78	65.54	6.25	9.5%
43 - GAS (\$/MCF)	4.22	4.23	(0.01)	(0.3%)
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	18.07	24.34	(6.27)	(25.8%)
49 - COAL	3.17	2.88	0.28	9.9%
50 - GAS	4.12	4.23	(0.11)	(2.6%)
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)	3.93	3.78	0.15	4.0%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	17,810	201,539	(183,730)	(91.2%)
57 - COAL	10,988	10,510	478	4.5%
58 - GAS	8,162	7,619	543	7.1%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,882	8,414	468	5.6%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:43:16AM

<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	32.18	490.50	(458.32)	(93.4%)
65 - COAL	3.48	3.03	0.45	14.9%
66 - GAS	3.36	3.22	0.14	4.3%
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>3.49</u>	<u>3.18</u>	<u>0.31</u>	<u>9.8%</u>

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:47:22AM

<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	11,971,235	3,026,955	8,944,280	295.5%
3 - COAL	267,317,799	250,291,804	17,025,995	6.8%
4 - GAS	688,965,523	661,351,638	27,613,885	4.2%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	968,254,557	914,670,397	53,584,160	5.9%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	53,698	463	53,235	11,497.8%
11 - COAL	7,465,144	8,121,535	(656,391)	(8.1%)
12 - GAS	20,252,704	20,367,990	(115,286)	(0.6%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	10,643	24,004	(13,361.00)	(55.7)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	27,782,189	28,513,992	(731,803)	(2.6%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	123,110	19,120	103,990	543.9%
19 - COAL (TON)	3,416,172	3,723,891	(307,719)	(8.3%)
20 - GAS (MCF)	158,929,723	154,522,090	4,407,633	2.9%
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	710,529	111,378	599,151	537.9%
26 - COAL	76,882,108	84,633,544	(7,751,436)	(9.2%)
27 - GAS	162,452,344	154,522,090	7,930,254	5.1%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	240,044,981	239,267,012	777,969	0.3%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:47:22AM

<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	0.2	0.00	0.2	11803.3%
34 - COAL	26.9	28.48	(1.6)	(5.7%)
35 - GAS	72.9	71.43	1.5	2.1%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.04	0.08	(0.05)	(54.49)%
38	0.0	0.00	0.0	0.0%
<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)	97.24	158.31	(61.07)	(38.6%)
42 - COAL (\$/TON)	78.25	67.21	11.04	16.4%
43 - GAS (\$/MCF)	4.34	4.28	0.06	1.3%
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	16.85	27.18	(10.33)	(38.0%)
49 - COAL	3.48	2.96	0.52	17.6%
50 - GAS	4.24	4.28	(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%
<hr/>				
54 - SYSTEM (\$/MBTU)	4.08	3.82	0.26	6.7%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	13,232	240,557	(227,325)	(94.5%)
57 - COAL	10,299	10,421	(122)	(1.2%)
58 - GAS	8,021	7,587	435	5.7%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>				
62 - SYSTEM (BTU/KWH)	8,640	8,391	249	3.0%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 9/1/2017

Run Date: 10/5/2017 11:47:22AM

<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	22.29	653.77	(631.48)	(96.6%)
65 - COAL	3.58	3.08	0.50	16.2%
66 - GAS	3.40	3.25	0.15	4.8%
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>3.49</u>	<u>3.21</u>	<u>0.28</u>	<u>8.6%</u>

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period:
Run Date:

9/1/2017 to 9/1/2017
10/5/2017 11:46:45AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVA L 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	295 00	11			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	198 00	5			0				0	0	0.000	
TOTAL Solar:	9	493 00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		139,711.00					Gas	1,454,205	1.026	1,492,014	6,487,488	4.644	4.461
	524	139,711 00	37			10,679				1,492,014	6,487,488	4.644	
TOTAL UNIT 2		120,111.00					Gas	1,309,301	1.026	1,343,343	5,841,043	4.863	4.461
	524	120,111 00	32			11,184				1,343,343	5,841,043	4.863	
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													
		80,049.00					Coal	42,284	22.316	943,610	4,080,811	5.098	96.510
		0.00					No 2	2,669	5.758	15,367	298,466	0.000	111 827
TOTAL UNIT 1	372	80,049 00	30			11,980				958,977	4,379,277	5.471	
		25,891.00					Coal	15,366	22.316	342,908	1,482,966	5.728	96.510
		0.00					No 2	909	5.758	5,234	101,651	0.000	111 827
TOTAL UNIT 2	503	25,891 00	7			13,446				348,141	1,584,617	6.120	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period:
Run Date:

9/1/2017 to 9/1/2017
10/5/2017 11:46:45AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVA L 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													
		357,397.00					Coal	170,765	22.724	3,880,464	11,488,764	3.215	67 278
		0.00					No 2	2,029	5.750	11,667	226,906	0.000	111 831
TOTAL UNIT 4	721	357,397 00	69			10,890				3,892,131	11,715,670	3.278	
		312,418.00					Coal	145,738	22.724	3,311,750	9,804,993	3.138	67 278
		0.00					No 2	2,561	5.750	14,726	286,400	0.000	111 831
TOTAL UNIT 5	721	312,418 00	60			10,648				3,326,476	10,091,393	3.230	
Suwannee Plant													
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	
TOTAL Steam:	3,365	1,035,577 00				10,971				11,361,082	40,099,487	3.872	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period:
Run Date:

9/1/2017 to 9/1/2017
10/5/2017 11:46:45AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVA L 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													
		607.09					No 2	1,789	5.816	10,405	186,085	30.652	104.016
TOTAL APP		3,095.71					Gas	51,715	1.026	53,060	230,796	7.455	4.463
	50	3,702.80	10			17,140				63,465	416,880	11.259	
Bartow Combined Cycle													
TOTAL BCC		629,043.00					Gas	4,852,918	1.021	4,954,829	20,330,447	3.232	4.189
	1,120	629,043.00	78			7,877				4,954,829	20,330,447	3.232	
Bartow Peaker													
TOTAL BAP		239.27					No 2	828	5.712	4,730	86,151	36.006	104.047
		411.73					Gas	7,940	1.025	8,139	35,327	8.580	4.449
	110	651.00	1			19,767				12,868	121,478	18.660	
Bayboro Peaker													
TOTAL BYP		947.00					No 2	2,048	5.712	11,698	300,201	31.700	146.582
	217	947.00	1			12,353				11,698	300,201	31.700	
Debary Peaker													
TOTAL DEP		960.22					No 2	2,159	5.783	12,485	250,174	26.054	115.875
		26,318.78					Gas	333,205	1.027	342,202	1,488,293	5.655	4.467
	701	27,279.00	5			13,002				354,687	1,738,466	6.373	
Higgins Peaker													
TOTAL HGP		3,396.10					Gas	60,607	1.026	62,183	270,415	7.963	4.462
	96	3,396.10	5			18,310				62,183	270,415	7.963	
Hines Energy													
TOTAL HEP		1,098,298.00					Gas	7,727,254	1.023	7,904,981	32,024,473	2.916	4.144
	2,199	1,098,298.00	69			7,197				7,904,981	32,024,473	2.916	
Intercession City Peaker													
TOTAL ICP		6,442.62					No 2	15,646	5.802	90,775	1,493,476	23.181	95.454
		65,909.79					Gas	900,736	1.031	928,659	3,802,262	5.769	4.221
	1,188	72,352.41	8			14,090				1,019,434	5,295,738	7.319	
Osprey													
TOTAL OSP		139,770.00					Gas	1,011,251	1.021	1,032,487	4,265,463	3.052	4.218
	531	139,770.00	37			7,387				1,032,487	4,265,463	3.052	
Suwannee Peaker													
TOTAL SRP		913.24					No 2	2,267	5.817	13,187	208,491	22.830	91.968
		8,391.06					Gas	118,327	1.024	121,167	526,969	6.280	4.454
	200	9,304.30	6			14,440				134,354	735,460	7.905	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period:
Run Date:

9/1/2017 to 9/1/2017
10/5/2017 11:46:45AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVA L 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		113,579.00					Gas	872,864	1.021	891,194	3,659,646	3.222	4.193
	231	113,579.00	68			7,846				891,194	3,659,646	3.222	
Univ of Florida Cogen													
TOTAL UFP		0.00					No 2	0	0.000	0	0	0.000	0 000
		30,692.80					Gas	301,702	1.026	309,546	1,161,850	3.785	3 851
	48	30,692.80	89			10,085				309,546	1,161,850	3.785	
TOTAL Gas Turbine:													
	6,691	2,129,015.41				7,868				16,751,727	70,320,518	3.303	
SYSTEM TOTAL:													
	10,065	3,165,085.41				8,882				28,112,809	110,420,006	3.489	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period:
Run Date:

1/1/2017 to 9/1/2017
10/5/2017 11:47:51AM

(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	4,291 00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	6,352 00	19			0				0	0	0.000	
TOTAL Solar:	9	10,643 00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		877,266 00					Gas	9,340,113	1 024	9,563,677	43,185,902	4.923	4 624
	524	877,266 00	26			10,902				9,563,677	43,185,902	4.923	
TOTAL UNIT 2		1,155,090 00					Gas	12,443,680	1 024	12,739,867	59,121,490	5.118	4.751
	524	1,155,090 00	34			11,029				12,739,867	59,121,490	5.118	
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		434,872 00					Coal No 2	217,027 8,051	22.447 5.762	4,871,659 46,391	21,004,690 728,352	4.830 0.000	96.784 90.467
	372	434,872 00	18			11,309				4,918,050	21,733,042	4.998	
TOTAL UNIT 2		587,608.91					Coal No 2	312,976 10,626	22.454 5.759	7,027,711 61,200	30,263,904 887,930	5.150 0.000	96 697 83.562
	503	587,608.91	18			12,064				7,088,911	31,151,834	5.301	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period:

1/1/2017 to 9/1/2017

Run Date:

10/5/2017 11:47:51AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVA L 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													
		3,211,733.00					Coal	1,449,222	22.503	32,612,234	108,571,605	3.380	74.917
		0.00					No 2	16,727	5.745	96,102	1,435,763	0.000	85.835
TOTAL UNIT 4	721	3,211,733.00	68			10,184				32,708,336	110,007,368	3.425	
		3,258,167.00					Coal	1,436,947	22.527	32,370,504	107,477,600	3.299	74.796
		0.00					No 2	15,405	5.744	88,484	1,338,852	0.000	86.910
TOTAL UNIT 5	721	3,258,167.00	69			9,962				32,458,988	108,816,452	3.340	
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	9,524,737.91				10,444				99,477,829	374,012,814	3.927	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period:

1/1/2017 to 9/1/2017

Run Date:

10/5/2017 11:47:51AM

(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													
		1,136.47					No 2	3,370	5 816	19,601	336,047	29.569	99.717
TOTAL APP		4,082.63					Gas	68,680	1 025	70,414	309,577	7.583	4.508
	50	5,219.10	2			17,247				90,015	645,624	12.370	
Bartow Combined Cycle													
TOTAL BCC		5,100,737.00					Gas	40,012,373	1 021	40,850,236	173,317,737	3.398	4 332
	1,120	5,100,737.00	70			8,009				40,850,236	173,317,737	3.398	
Bartow Peaker													
TOTAL BAP		760.26					No 2	2,136	5.712	12,201	224,446	29.522	105.078
		9,636.74					Gas	151,261	1 022	154,654	685,344	7.112	4.531
	201	10,397.00	1			16,048				166,855	909,790	8.751	
Bayboro Peaker													
TOTAL BYP		2,569.50					No 2	6,039	5.712	34,495	878,018	34.171	145 391
	217	2,569.50	0			13,425				34,495	878,018	34.171	
Debarry Peaker													
TOTAL DEP		7,122.62					No 2	16,460	5.772	95,000	1,918,145	26.930	116.534
		113,515.38					Gas	1,477,939	1 024	1,514,045	6,835,067	6.021	4 625
	701	120,638.00	3			13,338				1,609,045	8,753,212	7.256	
Higgins Peaker													
TOTAL HGP		10,620.40					Gas	183,659	1 024	188,064	830,542	7.820	4.522
	116	10,620.40	1			17,708				188,064	830,542	7.820	
Hines Energy													
TOTAL HEP		10,131,414.10					Gas	72,078,907	1 022	73,683,812	304,702,093	3.007	4 227
	2,199	10,131,414.10	70			7,273				73,683,812	304,702,093	3.007	
Intercession City Peaker													
TOTAL ICP		17,976.70					No 2	41,606	5 802	241,402	3,971,366	22.092	95.452
		243,347.98					Gas	3,185,193	1 026	3,267,817	13,534,551	5.562	4 249
	1,188	261,324.68	3			13,429				3,509,218	17,505,917	6.699	
Osprey													
TOTAL OSP		1,037,720.00					Gas	7,476,758	1 021	7,636,720	31,496,061	3.035	4 213
	531	1,037,720.00	30			7,359				7,636,720	31,496,061	3.035	
Suwannee Peaker													
TOTAL SRP		981.10					No 2	2,514	5 817	14,624	231,207	23.566	91.968
		26,273.50					Gas	382,613	1 024	391,623	1,777,869	6.767	4 647
	200	27,254.60	2			14,906				406,247	2,009,075	7.372	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period:

1/1/2017 to 9/1/2017

Run Date:

10/5/2017 11:47:51AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVA L 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		1,244,942.00					Gas	9,326,025	1,021	9,520,412	40,735,984	3.272	4.368
	231	1,244,942.00	82			7,647				9,520,412	40,735,984	3.272	
Univ of Florida Cogen													
TOTAL UFP		105.33					No 2	177	5,814	1,029	21,110	20.042	119.267
		293,867.17					Gas	2,802,521	1,024	2,871,004	12,436,581	4.232	4.438
	48	293,972.50	93			9,770				2,872,033	12,457,691	4.238	
TOTAL Gas Turbine:													
	6,802	18,246,808.88				7,704				140,567,151	594,241,743	3.257	
SYSTEM TOTAL:													
	10,176	27,782,189.79				8,640				240,044,981	968,254,557	3.485	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:46:00AM

	<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)	(512)	2,630	(3,142)	(119.5%)
20 - UNIT COST (\$/BBL)	(75.35)	141.74	(217.09)	(153.2%)
21 - AMOUNT (\$)	38,580	372,783	(334,203)	(89.7%)
22 - BURNED				
23 - UNITS (BBL)	32,905	2,630	30,275	1151.1%
24 - UNIT COST (\$/BBL)	104.48	141.74	(37.26)	(26.3%)
25 - AMOUNT (\$)	3,437,999	372,783	3,065,216	822.3%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	841,201	947,635	(106,434)	(11.2%)
31 - UNIT COST (\$/BBL)	112.43	109.83	2.60	2.4%
32 - AMOUNT (\$)	94,573,896	104,075,698	(9,501,802)	(9.1%)
33 -				
34 - DAYS SUPPLY	767	10,810	(10,043)	(92.9%)

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:46:00AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	342,992	444,791	(101,799)	(22.9%)
37 - UNIT COST (\$/TON)	69.63	65.54	4.10	6.2%
38 - AMOUNT (\$)	23,882,658	29,149,530	(5,266,872)	(18.1%)
39 - BURNED				
40 - UNITS (TON)	374,153	444,791	(70,638)	(15.9%)
41 - UNIT COST (\$/TON)	71.78	65.54	6.25	9.5%
42 - AMOUNT (\$)	26,857,534	29,149,530	(2,291,996)	(7.9%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	833,076	882,732	(49,656)	(5.6%)
48 - UNIT COST (\$/TON)	76.08	65.54	10.54	16.1%
49 - AMOUNT (\$)	63,378,215	57,850,106	5,528,109	9.6%
50 -				
51 - DAYS SUPPLY	67	60	7	12.2%
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: 9/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:46:00AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	19,002,025	19,200,406	(198,381)	(1.0%)
68 - UNIT COST (\$/MCF)	4.22	4.23	(0.01)	(0.3%)
69 - AMOUNT (\$)	80,124,473	81,228,339	(1,103,866)	(1.4%)
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%

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:45:17AM

	<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)	29,320	17,815	11,505	64.6%
20 - UNIT COST (\$/BBL)	133.19	154.03	(20.83)	(14.9%)
21 - AMOUNT (\$)	3,905,266	2,744,012	1,161,254	42.3%
22 - BURNED				
23 - UNITS (BBL)	123,110	17,815	105,295	591.0%
24 - UNIT COST (\$/BBL)	97.24	154.03	(56.79)	(36.9%)
25 - AMOUNT (\$)	11,971,235	2,744,012	9,227,223	336.3%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	4,468			
28 - AMOUNT (\$)	574,531			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	841,201	947,635	(106,434)	(11.2%)
31 - UNIT COST (\$/BBL)	112.43	109.83	2.60	2.4%
32 - AMOUNT (\$)	94,573,896	104,075,698	(9,501,802)	(9.1%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 9/1/2017
Run Date: 10/5/2017 11:45:17AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	3,488,094	3,328,789	159,305	4.8%
37 - UNIT COST (\$/TON)	76.50	67.25	9.25	13.8%
38 - AMOUNT (\$)	266,855,563	223,860,888	42,994,675	19.2%
39 - BURNED				
40 - UNITS (TON)	3,416,172	3,328,789	87,383	2.6%
41 - UNIT COST (\$/TON)	78.25	67.25	11.00	16.4%
42 - AMOUNT (\$)	267,317,799	223,860,888	43,456,911	19.4%
43 - ADJUSTMENTS				
44 - UNITS (TON)	(51,411)			
45 - AMOUNT (\$)	(3,974,256)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	833,076	882,732	(49,656)	(5.6%)
48 - UNIT COST (\$/TON)	76.08	65.54	10.54	16.1%
49 - AMOUNT (\$)	63,378,215	57,850,106	5,528,109	9.6%
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 9/1/2017
Run Date: 10/5/2017 11:45:17AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	158,929,723	141,254,805	17,674,918	12.5%
68 - UNIT COST (\$/MCF)	4.34	4.25	0.09	2.0%
69 - AMOUNT (\$)	688,965,523	600,193,469	88,772,054	14.8%
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%

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

(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		2,645		2,645	3.085	3.836	81,602.00	101,466.00	19,864.00
ACTUAL									
Exelon Generation Company, LLC	InternationalS\	75		75	2.144	2.513	1,607.72	1,884.52	276.80
Florida Power & Light Company	CR-1	617		617	2.942	4.049	18,150.00	24,979.28	6,829.28
New Smyrna Beach	CR-1	34		34	3.267	4.354	1,110.68	1,480.52	369.84
Tampa Electric Company	CR-1	3,000		3,000	5.215	5.528	156,449.43	165,841.85	9,392.42
PJM Settlements		9,105		9,105	2.724	2.240	248,026.09	203,924.09	(44,102.00)
Exelon Generation Company, LLC		614		614	2.186	1.500	13,419.00	9,210.00	(4,209.00)
Southern Company Services		182		182	2.984	1.000	5,431.00	1,820.00	(3,611.00)
Subtotal - Gain on Other Power Sales		13,627		13,627	3.260	3.002	444,193.92	409,140.26	(35,053.66)
CURRENT MONTH TOTAL		13,627		13,627	3.260	3.002	444,193.92	409,140.26	(35,053.66)
DIFFERENCE		10,982		10,982	0.175	(0.834)	362,592	307,674	(54,918)
DIFFERENCE %		415		415	6	(22)	444	303	(276)
CUMULATIVE ACTUAL		54,355		54,355	3.717	4.697	2,020,262.59	2,553,231.40	532,968.81
CUMULATIVE ESTIMATED		58,453		58,453	3.161	3.930	1,847,705.00	2,297,456.00	449,751.00
DIFFERENCE		(4,098)		(4,098)	0.556	0.767	172,557.59	255,775.40	83,217.81
DIFFERENCE %		(7)		(7)	17.582	19.512	9.34	11.13	18.50

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
SEPTEMBER, 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		236,004			236,004	3.965	3.965	9,356,711.00	9,356,711.00
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	107,383			107,383	5.456	5.456	5,858,621.64	5,858,621.64
Southern Power Company	Franklin	166,292			166,292	3.135	3.135	5,213,862.56	5,213,862.56
Vandolah Power Company L.L.C.	TOLL	168,753			168,753	5.414	5.414	9,136,141.32	9,136,141.32
ADJUSTMENTS									
Shady Hills Power Company, L.L.C.	TOLL	7,099			7,099	0.662	0.662	46,977.80	46,977.800
Southern Power Company	Franklin	-			-	-	-	2,947.21	2,947.21
Vandolah Power Company L.L.C.	TOLL	801			801	3.90	3.90	31,195.26	31,195.26
CURRENT MONTH TOTAL		450,328			450,328	4.506	4.506	20,289,745.79	20,289,745.79
DIFFERENCE		214,324			214,324	0.541	0.541	10,933,034.79	10,933,034.79
DIFFERENCE %		91			91	13.630	13.630	116.85	116.85
CUMULATIVE ACTUAL		2,546,306			2,546,306	4.500	4.500	114,644,100.25	114,644,100.25
CUMULATIVE EST MATED		1,466,498			1,466,498	4.090	4.090	60,019,463.00	60,019,463.00
DIFFERENCE		1,079,808			1,079,808	0.410	0.410	54,624,637.25	54,624,637.25
DIFFERENCE %		74			74	10.010	10.010	91.010	91.010

DUKE ENERGY FLORIDA, INC.
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
SEPTEMBER, 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		277,650	-	-	277,650	4.282	12.917	11,889,369.00
ACTUAL								
Citrus World (CITRUS)	CO-GEN	-	-	-	-	0.000	0.000	-
ADJ		(12)			(12)			(353.50)
Florida Power Development (FCRUSHAS)	CO-GEN	74			74	3.117	3.117	2,306.58
ADJ		-			-			(26.18)
Florida Power Development (FLACRUSH)	CO-GEN	24,406			24,406	7.638	7.638	1,864,249.77
ADJ		(8)			(8)			(611.09)
Lake County (LAKCOUNT)	CO-GEN	130			130	2.864	2.864	3,722.95
ADJ		-			-			10,653.36
Lee County (LEECOGAS)	CO-GEN	2,073			2,073	2.808	2.808	58,214.63
ADJ		-			-			(40,995.70)
Metro-Dade County (METRDADE)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Metro-Dade County (METRDDAS)	CO-GEN	3,900			3,900	2.813	2.813	109,724.49
ADJ		-			-			(34,627.84)
Orange Cogen (ORANGEAS)	CO-GEN	395			395	2.713	2.713	10,717.14
ADJ		-			-			(3,125.09)
Orange Cogen (ORANGECO)	CO-GEN	16,277			16,277	4.154	4.154	676,161.74
ADJ		-			-			(16,080.93)
Orlando Cogen Limited (ORLACOGL)	CO-GEN	72,217			72,217	5.314	5.314	3,837,684.24
ADJ		-			-			(27,345.42)
Orlando Cogen Limited (ORLCOGAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	16,279			16,279	2.696	2.696	438,825.69
ADJ		-			-			(35,337.46)
PCS Phosphate (OCSWFCRK)	CO-GEN	0			0	3.567	3.567	1.07
ADJ		(10)			(10)			(351.80)
Pinellas County Resource Recovery (P NCOUNT)	CO-GEN	33,795			33,795	2.692	2.692	909,610.69
ADJ		-			-			(83,641.94)
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	27,919			27,919	3.178	3.178	887,265.82
ADJ		-			-			(65,626.62)
Wheeler Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	14,083			14,083	5.511	5.511	776,114.13
ADJ		-			-			60,741.00
CURRENT MONTH TOTAL		211,518			211,518	4.41	4.41	9,337,869.73
D FFERENCE		(66,132)			(66,132)	0.13	(8.502)	(2,551,499.27)
D FFERENCE %		(23.82)			(23.82)	3.10	(192.59)	(21.46)
CUMULATIVE ACTUAL		2,416,205			2,416,205	4.460	4.460	107,752,592.67
CUMULATIVE ESTIMATED		2,517,300			2,517,300	4.228	4.228	106,439,452.00
CUMULATIVE DIFFERENCE		(101,095)			(101,095)	0.231	0.231	1,313,140.67
CUMULATIVE DIFFERENCE %		(4)			(4)	5.469	5.469	1.23

DUKE ENERGY FLORIDA, LLC.
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
SEPTEMBER, 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		6,966	4.705	327,741.00	5.015	349,323.00	21,582.00
ACTUAL:							
Florida Municipal Power Agency	Schedule C	50	2.82	\$1,410.00	3.525	\$1,762.50	\$352.50
SubTotal - Energy Purchases (Broker)		50	2.820	1,410.00	3.525	1,762.50	352.50
SEPA	Hydro	2,209	3.720	\$82,209.95	0.000	82,209.95	-
Carolina Pwr & Lt dba Progress Enrgy Carolin	Transmission Purchase			\$10,249.74			(10,249.74)
Duke Electric Transmission	Transmission Purchase	-	-	-	-	-	
EDF Trading North America, LLC		711	6.200	\$44,082.00	4.193	\$29,811.58	(14,270.42)
Exelon Generation Company, LLC	InternationalSwapsDe	5,770	4.320	\$249,268.00	7.028	\$405,527.83	156,259.83
Florida Power & Light Company	Transmission Purchase			\$148,545.96			(148,545.96)
Florida Power & Light Company		7,225	5.534	\$399,800.00	8.675	\$626,758.00	226,958.00
Jacksonville Electric Authority	Transmission Purchase			\$31,190.28			(31,190.28)
Orlando Utilities Commission	Schedule OS	1,200	5.400	\$64,800.00	8.096	\$97,152.00	32,352.00
PJM Inter.-Transmission	Transmission Purchase			\$613.66			(613.66)
PJM Settlements, Inc	MR1	611	3.159	\$19,300.00	4.970	\$30,369.52	11,069.52
Seminole Electric Cooperative, Inc.	Transmission Purchase			\$2,447.50			(2,447.50)
Southern Company Services, Inc	EEI	4,296	5.919	\$254,270.00	9.919	\$426,104.36	171,834.36
Southern Company Services, Inc	Transmission Purchase			\$97,992.83			(97,992.83)
Tallahassee (City of)	Schedule OS	150	2.267	\$3,400.00	3.210	\$4,815.00	1,415.00
Tampa Electric Company	EEI2	150	3.300	\$4,950.00	3.884	\$5,826.00	876.00
The Energy Authority, Inc.	EEI	250	5.000	\$12,500.00	13.145	\$32,862.50	20,362.50
ADJUSTMENTS							
Southern Company Services	Transmission Purchase	-	-	0.68	-	-	(0.68)
Florida Power & Light				565.10			(565.10)
Jacksonville Electric				813.80			(813.80)
PJM Settlements				652.47			(652.47)
Duke Electric Transmission				7,819.12			(7,819.12)
SubTotal - Energy Purchases (Non-Broker)		22,572	6.359	1,435,471.09	7.715	1,741,436.74	305,965.65
CURRENT MONTH TOTAL		22,622	6.352	1,436,881.09	7.706	1,743,199.24	306,318.15
DIFFERENCE		15,656	1.647	1,109,140.09	2.691	1,393,876.24	284,736.15
DIFFERENCE %		225	34.997	338.42	53.652	399.02	1,319.32
CUMULATIVE ACTUAL		195,280	3.991	7,793,174.86	5.219	10,191,111.77	2,483,956.11
CUMULATIVE EST MATED		69,178	4.602	3,183,840.00	4.921	3,404,359.00	220,519.00
DIFFERENCE		126,102	(0.612)	4,609,334.86	0.298	6,786,752.77	2,263,437.11
DIFFERENCE %		182	(13.289)	144.77	6.046	199.35	1,026.41

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	JUL	AUG	SEP	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	5,071,564	5,071,564	5,071,564	45,644,074
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	5,096,530	5,099,746	5,097,899	45,888,909
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	1,784,800	1,784,800	1,784,800	16,063,200
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	4,248,600	4,248,600	4,248,600	38,237,400
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	6,965,675	6,965,675	6,965,675	61,194,046
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	719,623	750,224	765,134	6,696,532
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	6,236,165	6,252,703	4,638,320	40,599,737
8 Retail Wheeling				(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(9,282)	(6,007)	(3,342)	(109,356)
9 CR-3 Projected Expense				4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	39,145,473
10 ISFSI Return				0	0	0	0	0	0	724,926	726,807	728,105	2,179,839
11 ASC Servicing Fee				0	0	0	0	0	0	(296,269)	0	(160,182)	(456,451)
SUBTOTAL				32,959,883	32,569,913	30,596,218	30,601,242	30,796,432	34,185,023	34,836,981	35,161,337	33,376,374	295,083,404
Confidential Capacity Contracts (Aggregated):													
Purchases/Sales (Net)	Other	MW	Contracts										
Total		1,176	4	6,763,320	6,632,182	5,145,606	5,095,613	6,405,991	11,377,271	11,285,905	11,291,146	6,206,117	70,203,150
TOTAL				39,723,203	39,202,095	35,741,824	35,696,855	37,202,424	45,562,294	46,122,885	46,452,483	39,582,491	365,286,554