



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

January 19, 2018

VIA ELECTRONIC FILING

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

Re: Docket No. 20180001-EI

Dear Ms. Stauffer:

Attached for electronic filing in the subject docket on behalf of Duke Energy Florida, LLC, are Schedules A1 through A9 and A12 for the reporting month of December 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

MRB/cm
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 December 2017 has been furnished to the following individuals via e-mail on this 19th day of January, 2018.

s/ Matthew R. Bernier
Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

DECEMBER 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)	86,219,596	103,562,549	(17,342,953)	(16.8)	2,656,189	2,873,853	(217,664)	(7.6)	3.2460	3.6036	(0.3576)	(9.9)
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	(448,969)	0	(448,969)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	85,770,627	103,562,549	(17,791,922)	(17.2)	2,656,189	2,873,853	(217,664)	(7.6)	3.2291	3.6036	(0.3745)	(10.4)
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	6,228,677	1,323,796	4,904,881	370.5	170,174	22,509	147,665	656.0	3.6602	5.8813	(2.2211)	(37.8)
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	258,603	271,115	(12,512)	(4.6)	8,851	6,462	2,389	37.0	2.9217	4.1958	(1.2741)	(30.4)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	12,600,939	12,408,768	192,172	1.6	284,147	296,037	(11,890)	(4.0)	4.4347	4.1916	0.2431	5.8
9 TOTAL COST OF PURCHASED POWER	19,088,219	14,003,679	5,084,541	36.3	463,172	325,007	138,165	42.5	4.1212	4.3087	(0.1875)	(4.4)
10 TOTAL AVAILABLE MWH					3,119,361	3,198,860	(79,499)	(2.5)				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(17,395)	(153,818)	136,423	(88.7)	(450)	(5,981)	5,531	(92.5)	3.8656	2.5716	1.2940	50.3
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(222)	(37,441)	37,219	(99.4)	(450)	(5,981)	5,531	(92.5)	0.0493	0.6260	(0.5767)	(92.1)
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(1,977,064)	(1,607,290)	(369,774)	23.0	(116,809)	(60,437)	(56,372)	93.3	1.6926	2.6594	(0.9668)	(36.4)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,994,681)	(1,798,549)	(196,132)	10.9	(117,259)	(66,418)	(50,841)	76.6	1.7011	2.7079	(1.0068)	(37.2)
14 NET INADVERTENT AND WHEELED INTERCHANGE					10,729	0	10,729					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	102,864,166	115,767,679	(12,903,513)	(11.2)	3,012,831	3,132,441	(119,611)	(3.8)	3.4142	3.6958	(0.2816)	(7.6)
16 NET UNBILLED	4,517,719	819,600	3,698,119	451.2	(132,321)	(22,177)	(110,145)	496.7	0.1621	0.0279	0.1342	481.0
17 COMPANY USE	695,006	564,890	130,116	23.0	(20,356)	(15,285)	(5,072)	33.2	0.0249	0.0192	0.0057	29.7
18 T & D LOSSES	2,517,725	5,768,700	(3,250,975)	(56.4)	(73,743)	(156,089)	82,347	(52.8)	0.0904	0.1963	(0.1059)	(54.0)
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	102,864,166	115,767,679	(12,903,513)	(11.2)	2,786,410	2,938,890	(152,480)	(5.2)	3.6916	3.9392	(0.2476)	(6.3)
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(740,622)	(683,029)	(57,593)	8.4	(20,112)	(17,436)	(2,676)	15.4	3.6825	3.9174	(0.2349)	(6.0)
21 JURISDICTIONAL KWH SALES	102,123,544	115,084,650	(12,961,106)	(11.3)	2,766,298	2,921,454	(155,156)	(5.3)	3.6917	3.9393	(0.2476)	(6.3)
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	102,237,922	115,130,684	(12,892,761)	(11.2)	2,766,298	2,921,454	(155,156)	(5.3)	3.6958	3.9409	(0.2451)	(6.2)
23 PRIOR PERIOD TRUE-UP	2,184,805	2,184,808	(3)	0.0	2,766,298	2,921,454	(155,156)	(5.3)	0.0790	0.0748	0.0042	5.6
24 TOTAL JURISDICTIONAL FUEL COST	104,422,727	117,315,492	(12,892,764)	(11.0)	2,766,298	2,921,454	(155,156)	(5.3)	3.7748	4.0157	(0.2409)	(6.0)
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									3.7775	4.0186	(0.2411)	(6.0)
27 GPIF	187,952	187,949			2,766,298	2,921,454			0.0068	0.0064	0.0004	6.3
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.784	4.025	(0.241)	(6.0)

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - DECEMBER 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)	1,255,557,454	1,221,838,538	33,718,916	2.8	36,107,656	37,020,131	(912,475)	(2.5)	3.4773	3.3005	0.1768	5.4
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	3,014,483	0	3,014,483	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	1,258,529,634	1,221,838,538	36,691,096	3.0	36,107,656	37,020,131	(912,475)	(2.5)	3.4855	3.3005	0.1850	5.6
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	139,832,913	73,811,326	66,021,587	89.5	3,145,889	1,760,693	1,385,196	78.7	4.4449	4.1922	0.2527	6.0
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)	9,388,742	4,417,649	4,971,093	112.5	244,911	97,274	147,637	151.8	3.8335	4.5415	(0.7080)	(15.6)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	145,903,025	140,596,014	5,307,011	3.8	3,235,494	3,329,832	(94,338)	(2.8)	4.5095	4.2223	0.2872	6.8
9 TOTAL COST OF PURCHASED POWER	295,157,127	218,824,989	76,332,138	34.9	6,627,536	5,187,798	1,439,737	27.8	4.4535	4.2181	0.2354	5.6
10 TOTAL AVAILABLE MWH					42,735,191	42,207,929	527,263	1.3				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,729,825)	(2,516,281)	(213,544)	8.5	(70,215)	(82,705)	12,490	(15.1)	3.8878	3.0425	0.8453	27.8
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(887,370)	(612,488)	(274,882)	44.9	(70,215)	(82,705)	12,490	(15.1)	1.2638	0.7406	0.5232	70.7
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	(36,538,531)	(23,804,974)	(12,733,557)	53.5	(1,939,897)	(956,306)	(983,591)	102.9	1.8835	2.4893	(0.6058)	(24.3)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(40,155,726)	(26,933,743)	(13,221,983)	49.1	(2,010,112)	(1,039,011)	(971,102)	93.5	1.9977	2.5922	(0.5945)	(22.9)
14 NET INADVERTENT AND WHEELED INTERCHANGE					219,667	0	219,667					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	1,513,531,036	1,413,729,784	99,801,251	7.1	40,944,746	41,168,918	(224,172)	(0.5)	3.6965	3.4340	0.2625	7.6
16 NET UNBILLED	11,138,428	(18,203,083)	29,341,511	(161.2)	(301,322)	465,894	(767,216)	(164.7)	0.0291	(0.0462)	0.0753	(163.0)
17 COMPANY USE	6,137,373	5,388,849	748,524	13.9	(166,031)	(156,000)	(10,031)	6.4	0.0160	0.0137	0.0023	16.8
18 T & D LOSSES	81,220,436	70,543,902	10,676,534	15.1	(2,197,213)	(2,054,328)	(142,886)	7.0	0.2122	0.1789	0.0333	18.6
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,513,531,036	1,413,729,784	99,801,251	7.1	38,280,180	39,424,485	(1,144,305)	(2.9)	3.9538	3.5859	0.3679	10.3
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(10,249,494)	(7,543,808)	(2,705,686)	35.9	(256,168)	(210,449)	(45,719)	21.7	4.0011	3.5846	0.4165	11.6
21 JURISDICTIONAL KWH SALES	1,503,281,542	1,406,185,977	97,095,565	6.9	38,024,012	39,214,036	(1,190,024)	(3.0)	3.9535	3.5859	0.3676	10.3
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	1,504,884,710	1,406,748,451	98,136,259	7.0	38,024,012	39,214,036	(1,190,024)	(3.0)	3.9577	3.5874	0.3703	10.3
23 PRIOR PERIOD TRUE-UP	26,217,663	26,217,663	0	0.0	38,024,012	39,214,036	(1,190,024)	(3.0)	0.0690	0.0669	0.0021	3.1
24 TOTAL JURISDICTIONAL FUEL COST	1,531,102,373	1,432,966,114	98,136,259	6.9	38,024,012	39,214,036	(1,190,024)	(3.0)	4.0267	3.6543	0.3724	10.2
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.0296	3.6569	0.3727	10.2
27 GPIF	2,255,421	2,255,421			38,024,012	39,214,036			0.0059	0.0058	0.0001	98.3
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH *Line 15a. MWH Data for Infomational Purposes Only									4.036	3.663	0.373	10.2

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
DECEMBER 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	\$86,219,596	103,562,549	(\$17,342,953)	(16.8)	\$1,255,557,454	\$1,221,838,538	\$33,718,916	2.8
1a. COAL CAR SALE	-	0	0	0.0	(42,303)	0	(42,303)	0.0
2 . FUEL COST OF POWER SOLD	(17,395)	(153,818)	136,423	(88.7)	(2,729,825)	(2,516,281)	(213,544)	8.5
2a. GAIN ON POWER SALES	(222)	(37,441)	37,219	(99.4)	(887,370)	(612,488)	(274,882)	44.9
3 . FUEL COST OF PURCHASED POWER	6,228,677	1,323,796	4,904,881	370.5	139,832,913	73,811,326	66,021,587	89.5
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	12,600,939	12,408,768	192,172	1.6	145,903,025	140,596,014	5,307,011	3.8
4 . ENERGY COST OF ECONOMY PURCHASES	258,603	271,115	(12,512)	(4.6)	9,421,190	4,417,649	5,003,541	113.3
5 . TOTAL FUEL & NET POWER TRANSACTIONS	105,290,198	117,374,969	(12,084,770)	(10.3)	1,547,055,084	1,437,534,758	109,520,326	7.6
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,977,064)	(1,607,290)	(369,774)	23.0	(36,538,531)	(23,804,974)	(12,733,557)	53.5
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(448,969)	0	(448,969)	0.0	3,014,483	0	3,014,483	0.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$102,864,166	\$115,767,679	(\$12,903,513)	(11.2)	\$1,513,531,036	\$1,413,729,784	\$99,801,251	7.1

FOOTNOTE: DETAIL OF LINE 6b ABOVE

INSPECTION & FUEL ANALYSIS REPORTS (Wholesale Portion)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	720	0	720	8,110	0	8,110	
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)	(449,689)	0	(449,689)	3,524,567	0	3,524,567	
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	(\$448,969)	\$0	(\$448,969)	\$3,014,483	\$0	\$3,014,483	

B. KWH SALES								
1 . JURISDICTIONAL SALES	2,766,298,556	2,921,454,337	(155,155,781)	(5.3)	38,024,012,860	39,214,035,946	(1,190,023,086)	(3.0)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	20,112,154	17,436,000	2,676,154	15.4	256,168,405	210,449,000	45,719,405	21.7
3 . TOTAL SALES	2,786,410,710	2,938,890,337	(152,479,627)	(5.2)	38,280,181,265	39,424,484,946	(1,144,303,681)	(2.9)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.28	99.41	(0.13)	(0.1)	99.33	99.47	(0.14)	(0.1)

38,024,013
0.905

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$99,770,028	\$106,924,200	(\$7,154,173)	(6.7)	\$1,382,363,462	\$1,435,219,912	(\$52,856,450)	(3.7)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(2,184,805)	(2,184,808)	3	0.0	(26,217,663)	(26,217,663)	0	0.0
2b. INCENTIVE PROVISION	(187,952)	(187,949)	(3)	0.0	(2,255,421)	(2,255,421)	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	97,397,271	104,551,443	(7,154,173)	(6.8)	1,353,890,378	1,406,746,828	(52,856,450)	(3.8)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	102,864,166	115,767,679	(12,903,513)	(11.2)	1,513,531,036	1,413,729,784	99,801,251	7.1
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.28	99.41	(0.13)	(0.1)	0.00	99.47	(99.47)	(100.0)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00112 LOSS MULTIPLIER)	102,237,922	115,130,684	(12,892,761)	(11.2)	1,504,884,710	1,406,748,451	98,136,259	7.0
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(4,840,652)	(10,579,240)	5,738,589	(54.2)	(150,994,332)	(1,623)	(150,992,710)	9,304,830.0
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(247,829)	1,299	(249,127)	(19,185.7)	(1,712,138)	(44,060)	(1,668,077)	3,785.9
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(208,696,306)	8,347,451	(217,043,757)	(2,600.1)	(85,111,174)	(26,217,663)	(58,893,511)	224.6
10. TRUE UP COLLECTED (REFUNDED)	2,184,805	2,184,808	(3)	0.0	26,217,663	26,217,663	0	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(211,599,981)	(45,683)	(211,554,298)	463,091.7	(211,599,981)	(45,683)	(211,554,298)	463,091.7
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$211,599,981)	(45,683)	(211,554,298)	463,091.7	(\$211,599,981)	(45,683)	(211,554,298)	463,091.7
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$208,696,306)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(211,352,153)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(420,048,459)	N/A	--	--		NOT		
4. AVERAGE TRUE UP (50% OF LINE D3)	(210,024,229)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	1.250	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	1.580	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	2.830	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	1.415	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.118	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$247,829)	N/A	--	--				

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2017 to 12/1/2017

Run Date: 1/3/2018 4:47:22PM

<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	920,356	356,069	564,287	158.5%
3 - COAL	10,547,532	23,724,082	(13,176,550)	(55.5%)
4 - GAS	74,751,709	79,482,398	(4,730,689)	(6.0%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	86,219,596	103,562,549	(17,342,953)	(16.7%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	3,055	27	3,028	11,215.6%
11 - COAL	326,083	865,747	(539,664)	(62.3%)
12 - GAS	2,324,278	2,005,435	318,843	15.9%
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	2,773	2,644	129.00	4.9%
15	0	0	0	0.0%
16 - TOTAL (MWH)	2,656,189	2,873,853	(217,664)	(7.6%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	7,890	2,402	5,488	228.5%
19 - COAL (TON)	143,875	390,226	(246,351)	(63.1%)
20 - GAS (MCF)	18,013,720	14,779,435	3,234,285	21.9%
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	45,430	13,991	31,439	224.7%
26 - COAL	3,353,274	8,822,991	(5,469,717)	(62.0%)
27 - GAS	18,372,578	14,779,435	3,593,143	24.3%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	21,771,282	23,616,417	(1,845,135)	(7.8%)

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2017 to 12/1/2017

Run Date: 1/3/2018 4:47:22PM

<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	12142.9%
34 - COAL	12.3	30.12	(17.8)	(59.2%)
35 - GAS	87.5	69.78	17.7	25.4%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.10	0.09	0.01	13.47%
38	0.0	0.00	0.0	0.0%
39 - TOTAL (% MWH)	99.9	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)	116.65	148.24	(31.59)	(21.3%)
42 - COAL (\$/TON)	73.31	60.80	12.51	20.6%
43 - GAS (\$/MCF)	4.15	5.38	(1.23)	(22.8%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	20.26	25.45	(5.19)	(20.4%)
49 - COAL	3.15	2.69	0.46	17.0%
50 - GAS	4.07	5.38	(1.31)	(24.3%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
54 - SYSTEM (\$/MBTU)	3.96	4.39	(0.42)	(9.7%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	14,870	518,185	(503,315)	(97.1%)
57 - COAL	10,284	10,191	92	0.9%
58 - GAS	7,905	7,370	535	7.3%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,196	8,218	(21)	(0.3%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

FINAL

Report Period: 12/1/2017 to 12/1/2017

Run Date: 1/3/2018 4:47:22PM

<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	30.12	1,318.77	(1,288.65)	(97.7%)
65 - COAL	3.23	2.74	0.49	18.0%
66 - GAS	3.22	3.96	(0.75)	(18.9%)
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>3.25</u>	<u>3.60</u>	<u>(0.36)</u>	<u>(9.9%)</u>

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 12/1/2017

Run Date: 1/4/2018 7:19:03AM

<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	13,616,153	4,039,261	9,576,892	237.1%
3 - COAL	313,055,107	310,853,337	2,201,770	0.7%
4 - GAS	928,886,194	906,945,940	21,940,254	2.4%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	1,255,557,454	1,221,838,538	33,718,916	2.8%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	62,216	529	61,687	11,661.0%
11 - COAL	8,722,203	10,286,213	(1,564,010)	(15.2%)
12 - GAS	27,307,533	26,700,835	606,698	2.3%
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	15,705	32,556	(16,851.00)	(51.8)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	36,107,657	37,020,133	(912,476)	(2.5%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	136,260	25,422	110,838	436.0%
19 - COAL (TON)	4,023,166	4,707,761	(684,595)	(14.5%)
20 - GAS (MCF)	213,729,336	201,883,140	11,846,196	5.9%
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	828,727	148,078	680,649	459.7%
26 - COAL	90,926,387	106,890,768	(15,964,381)	(14.9%)
27 - GAS	218,296,120	201,883,140	16,412,980	8.1%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	310,051,234	308,921,986	1,129,248	0.4%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 12/1/2017

Run Date: 1/4/2018 7:19:03AM

<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	11958.2%
34 - COAL	24.2	27.79	(3.6)	(13.1%)
35 - GAS	75.6	72.13	3.5	4.9%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.04	0.09	(0.04)	(50.54)%
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)	99.93	158.89	(58.96)	(37.1%)
42 - COAL (\$/TON)	77.81	66.03	11.78	17.8%
43 - GAS (\$/MCF)	4.35	4.49	(0.15)	(3.3%)
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	16.43	27.28	(10.85)	(39.8%)
49 - COAL	3.44	2.91	0.53	18.4%
50 - GAS	4.26	4.49	(0.24)	(5.3%)
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)	4.05	3.96	0.09	2.4%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	13,320	279,921	(266,600)	(95.2%)
57 - COAL	10,425	10,392	33	0.3%
58 - GAS	7,994	7,561	433	5.7%
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)	8,587	8,345	242	2.8%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 12/1/2017

Run Date: 1/4/2018 7:19:03AM

<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	21.89	763.57	(741.68)	(97.1%)
65 - COAL	3.59	3.02	0.57	18.8%
66 - GAS	3.40	3.40	0.00	0.1%
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>3.30</u>	<u>0.18</u>	<u>5.4%</u>

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2017 to 12/1/2017
Run Date: 1/3/2018 4:55:39PM

(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	0	0.00				0				0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	541.00	19			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	361.00	10			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,871.00	29			0				0	0	0.000	
TOTAL Solar:	18	2,773.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		128,604.00					Gas	1,381,306	1.022	1,411,695	5,155,786	4.009	3.733
	524	128,604.00	33			10,977				1,411,695	5,155,786	4.009	
TOTAL UNIT 2		121,636.00					Gas	1,314,831	1.022	1,343,757	4,907,665	4.035	3.733
	524	121,636.00	31			11,047				1,343,757	4,907,665	4.035	
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													
		59,933.00					Coal	28,464	22.840	650,118	2,753,237	4.594	96.727
		0.00					No 2	79	5.754	455	9,945	0.000	125.887
TOTAL UNIT 1										650,572	2,763,182	4.610	
	372	59,933.00	22			10,855				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2017 to 12/1/2017

Run Date: 1/3/2018 4:55:39PM

(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													
		266,830.00					Coal	114,180	23.422	2,674,324	7,711,159	2.890	67.535
		0.00					No 2	3,295	5.753	18,955	412,829	0.000	125.289
TOTAL UNIT 4	721	266,830.00	50			10,094				2,693,279	8,123,988	3.045	
		1,689.00					Coal	1,231	23.422	28,832	83,136	4.922	67.535
		0.00					No 2	1,818	5.753	10,458	227,776	0.000	125.289
TOTAL UNIT 5	721	1,689.00	0			23,263				39,291	310,912	18.408	
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:	2,862	578,692.00				10,608				6,138,593	21,261,533	3.674	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2017 to 12/1/2017

Run Date: 1/3/2018 4:55:39PM

(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		13.00					No 2	43	5.816	250	4,482	34.480	104.241
	25	13.00	0			19,239				250	4,482	34.480	
Bartow Combined Cycle													
TOTAL BCC		617,569.00					Gas	4,842,337	1.019	4,934,341	21,459,038	3.475	4.432
	1,120	617,569.00	74			7,990				4,934,341	21,459,038	3.475	
Bartow Peaker													
TOTAL BAP		0.00					No 2	1,058	5.712	6,043	110,082	0.000	104.047
		0.00					Gas	796	1.021	813	2,988	0.000	3.754
	207	0.00	0			0				6,856	113,070	0.000	
Bayboro Peaker													
TOTAL BYP		0.00					No 2	31	5.712	177	4,572	0.000	147.471
	217	0.00	0			0				177	4,572	0.000	
Debary Peaker													
TOTAL DEP		98.81					No 2	204	5.773	1,178	23,638	23.924	115.875
		10.19					Gas	119	1.021	121	100	0.978	0.838
	353	109.00	0			11,919				1,299	23,738	21.778	
Higgins Peaker													
TOTAL HGP		0.00					Gas	1	0.000	0	(58)	0.000	(58.370)
	0	0.00	0			0				0	(58)	0.000	
Hines Energy													
TOTAL HEP		1,001,457.00					Gas	7,033,179	1.020	7,173,843	28,441,299	2.840	4.044
	2,199	1,001,457.00	61			7,163				7,173,843	28,441,299	2.840	
Intercession City Peaker													
TOTAL ICP		222.54					No 2	511	5.802	2,965	48,767	21.913	95.434
		2,368.36					Gas	30,871	1.022	31,550	137,562	5.808	4.456
	1,096	2,590.90	0			13,322				34,515	186,329	7.192	
Osprey													
TOTAL OSP		284,439.00					Gas	2,035,316	1.019	2,073,987	9,039,822	3.178	4.441
	531	284,439.00	72			7,292				2,073,987	9,039,822	3.178	
Suwannee Peaker													
TOTAL SRP		339.40					No 2	851	5.817	4,950	78,264	23.060	91.968
		1,395.50					Gas	19,916	1.022	20,354	74,806	5.360	3.756
	200	1,734.90	1			14,586				25,304	153,070	8.823	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2017 to 12/1/2017

Run Date: 1/3/2018 4:55:39PM

(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		133,840.00					Gas	1,024,523	1.019	1,043,989	4,539,554	3.392	4.431
	231	133,840.00	78			7,800				1,043,989	4,539,554	3.392	
Univ of Florida Cogen													
TOTAL UFP		0.00					No 2	0	0.000	0	0	0.000	0.000
		32,971.00					Gas	330,525	1.023	338,127	993,147	3.012	3.005
	48	32,971.00	92			10,255				338,127	993,147	3.012	
TOTAL Gas Turbine:													
	6,227	2,074,723.80				7,535				15,632,689	64,958,063	3.131	
SYSTEM TOTAL:													
	9,107	2,656,188.80				8,196				21,771,282	86,219,596	3.246	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 12/1/2017
Run Date: 1/4/2018 7:19:07AM

(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	0	0.00				0				0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	5,841.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	7,993.00	18			0				0	0	0.000	
Suwanee Solar Facility													
TOTAL UNIT 1	9	1,871.00	2			0				0	0	0.000	
TOTAL Solar:	18	15,705.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		1,330,687.00					Gas	14,195,269	1.023	14,527,394	63,631,941	4.782	4.483
	524	1,330,687.00	29		10,917					14,527,394	63,631,941	4.782	
TOTAL UNIT 2		1,538,921.00					Gas	16,468,209	1.023	16,854,382	75,939,988	4.935	4.611
	524	1,538,921.00	34		10,952					16,854,382	75,939,988	4.935	
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		617,595.00					Coal	306,699	22.468	6,890,926	29,670,673	4.804	96.742
		0.00					No 2	9,956	5.759	57,340	956,923	0.000	96.115
TOTAL UNIT 1	372	617,595.00	19		11,251					6,948,266	30,627,597	4.959	
		716,117.91					Coal	385,694	22.439	8,654,715	37,291,104	5.207	96.686
TOTAL UNIT 2		0.00					No 2	12,526	5.758	72,122	1,114,972	0.000	89.013
	503	716,117.91	16		12,186					8,726,838	38,406,076	5.363	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 12/1/2017
Run Date: 1/4/2018 7:19:07AM

(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													
		3,900,257.00					Coal	1,765,782	22.693	40,071,558	129,965,073	3.332	73.602
		0.00					No 2	21,370	5.747	122,817	2,008,534	0.000	93.988
TOTAL UNIT 4													
	721	3,900,257.00	62			10,306				40,194,375	131,973,607	3.384	
		3,520,799.00					Coal	1,564,991	22.562	35,309,187	116,128,256	3.298	74.204
		0.00					No 2	18,156	5.745	104,314	1,677,100	0.000	92.372
TOTAL UNIT 5													
	721	3,520,799.00	56			10,058				35,413,501	117,805,356	3.346	
Suwannee Plant													
		1.00					Gas	2	0.000	0	(5,676)	(567.592)	(2,837.960)
TOTAL UNIT 1			1.00			0				0	(5,676)	(567.592)	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Steam:	2,862	11,624,377.91				10,552				122,664,755	458,378,889	3.943	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 12/1/2017
Run Date: 1/4/2018 7:19:07AM

(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													
		1,150.65					No 2	3,413	5.816	19,851	340,529	29.595	99.774
		4,081.45					Gas	68,681	1.025	70,414	309,379	7.580	4.505
TOTAL APP										90,265	649,908	12.422	
	50	5,232.10	1			17,252							
Bartow Combined Cycle													
		6,916,648.00					Gas	54,062,087	1.020	55,143,443	238,097,039	3.442	4.404
TOTAL BCC										55,143,443	238,097,039	3.442	
	1,120	6,916,648.00	70			7,973							
Bartow Peaker													
		1,324.88					No 2	3,937	5.712	22,488	411,834	31.085	104.606
		9,621.12					Gas	159,721	1.022	163,306	722,654	7.511	4.524
TOTAL BAP													
	207	10,946.00	1			16,974				185,794	1,134,489	10.364	
Bayboro Peaker													
		2,726.30					No 2	7,453	5.712	42,572	1,085,291	39.808	145.618
TOTAL BYP										42,572	1,085,291	39.808	
	217	2,726.30	0			15,615							
Debary Peaker													
		7,403.10					No 2	17,129	5.772	98,861	1,995,665	26.957	116.508
		120,501.90					Gas	1,570,857	1.024	1,609,176	7,248,821	6.016	4.615
TOTAL DEP													
	701	127,905.00	2			13,354				1,708,036	9,244,486	7.228	
Higgins Peaker													
		11,862.60					Gas	206,581	1.024	211,509	932,892	7.864	4.516
TOTAL HGP													
	121	11,862.60	1			17,830				211,509	932,892	7.864	
Hines Energy													
		35.86					No 2	45	5.614	253	3,739	10.426	83.096
		13,208,792.24					Gas	93,686,619	1.022	95,701,478	396,232,504	3.000	4.229
TOTAL HEP													
	2,199	13,208,828.10	69			7,245				95,701,730	396,236,244	3.000	
Intercession City Peaker													
		19,202.32					No 2	36,949	6.959	257,130	3,526,913	18.367	95.454
		281,371.28					Gas	3,671,429	1.026	3,767,083	15,911,096	5.655	4.334
TOTAL ICP													
	1,188	300,573.60	3			13,388				4,024,213	19,438,009	6.467	
Osprey													
		1,801,141.00					Gas	12,957,045	1.020	13,215,742	56,805,443	3.154	4.384
TOTAL OSP													
	531	1,801,141.00	39			7,337				13,215,742	56,805,443	3.154	
Suwannee Peaker													
		1,994.24					No 2	5,149	5.817	29,952	473,541	23.745	91.968
		32,071.86					Gas	470,675	1.023	481,690	2,159,014	6.732	4.587
TOTAL SRP													
	200	34,066.10	2			15,019				511,642	2,632,555	7.728	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 12/1/2017
Run Date: 1/4/2018 7:19:07AM

(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		1,680,950.00					Gas	12,626,862	1.020	12,878,266	55,933,705	3.328	4.430
	231	1,680,950.00	83			7,661				12,878,266	55,933,705	3.328	
Univ of Florida Cogen													
							No 2	177	5.814	1,029	21,110	20.550	119.267
TOTAL UFP		102.73					Gas	3,585,299	1.024	3,672,238	14,967,394	4.083	4.175
	48	366,590.87											
		366,693.60	87			10,017				3,673,267	14,988,504	4.087	
TOTAL Gas Turbine:													
	6,813	24,467,572.40				7,659				187,386,479	797,178,565	3.258	
SYSTEM TOTAL:													
	9,693	36,107,655.31				8,587				310,051,234	1,255,557,454	3.477	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2017 to 12/1/2017
Run Date: 1/3/2018 5:02:30PM

	<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)	0	2,402	(2,402)	(100.0%)
20 - UNIT COST (\$/BBL)	0.00	148.24	(148.24)	(100.0%)
21 - AMOUNT (\$)	96,646	356,069	(259,423)	(72.9%)
22 - BURNED				
23 - UNITS (BBL)	7,890	2,402	5,488	228.5%
24 - UNIT COST (\$/BBL)	116.65	148.24	(31.59)	(21.3%)
25 - AMOUNT (\$)	920,356	356,069	564,287	158.5%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	858,050	947,635	(89,585)	(9.5%)
31 - UNIT COST (\$/BBL)	111.74	109.83	1.91	1.7%
32 - AMOUNT (\$)	95,877,284	104,075,698	(8,198,414)	(7.9%)
33 -				
34 - DAYS SUPPLY	3,371	11,836	(8,464)	(71.5%)

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

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2017 to 12/1/2017
Run Date: 1/3/2018 5:02:30PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	127,485	390,226	(262,741)	(67.3%)
37 - UNIT COST (\$/TON)	72.51	60.80	11.72	19.3%
38 - AMOUNT (\$)	9,244,527	23,724,082	(14,479,555)	(61.0%)
39 - BURNED				
40 - UNITS (TON)	143,875	390,226	(246,351)	(63.1%)
41 - UNIT COST (\$/TON)	73.31	60.80	12.51	20.6%
42 - AMOUNT (\$)	10,547,532	23,724,082	(13,176,550)	(55.5%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	4,697			
45 - AMOUNT (\$)	449,689			
46 - ENDING INVENTORY				
47 - UNITS (TON)	917,421	882,732	34,689	3.9%
48 - UNIT COST (\$/TON)	75.19	60.80	14.39	23.7%
49 - AMOUNT (\$)	68,979,150	53,666,310	15,312,840	28.5%
50 -				
51 - DAYS SUPPLY	198	68	130	191.3%
OTHER				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

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

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2017 to 12/1/2017

Run Date: 1/3/2018 5:02:30PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	18,013,720	14,779,435	3,234,285	21.9%
68 - UNIT COST (\$/MCF)	4.15	5.38	(1.23)	(22.8%)
69 - AMOUNT (\$)	74,751,709	79,482,398	(4,730,689)	(6.0%)
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 12/1/2017

Run Date: 1/4/2018 7:19:10AM

	<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)	59,321	24,117	35,204	146.0%
20 - UNIT COST (\$/BBL)	115.53	155.75	(40.22)	(26.8%)
21 - AMOUNT (\$)	6,853,573	3,756,318	3,097,255	82.5%
22 - BURNED				
23 - UNITS (BBL)	136,260	24,117	112,143	465.0%
24 - UNIT COST (\$/BBL)	99.93	155.75	(55.83)	(35.8%)
25 - AMOUNT (\$)	13,616,153	3,756,318	9,859,835	262.5%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	4,468			
28 - AMOUNT (\$)	574,531			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	858,050	947,635	(89,585)	(9.5%)
31 - UNIT COST (\$/BBL)	111.74	109.83	1.91	1.7%
32 - AMOUNT (\$)	95,877,284	104,075,698	(8,198,414)	(7.9%)
33 -				
34 - DAYS SUPPLY	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 12/1/2017

Run Date: 1/4/2018 7:19:10AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	4,174,736	4,312,659	(137,923)	(3.2%)
37 - UNIT COST (\$/TON)	76.11	65.95	10.16	15.4%
38 - AMOUNT (\$)	317,744,118	284,422,421	33,321,697	11.7%
39 - BURNED				
40 - UNITS (TON)	4,023,166	4,312,659	(289,493)	(6.7%)
41 - UNIT COST (\$/TON)	77.81	65.95	11.86	18.0%
42 - AMOUNT (\$)	313,055,107	284,422,421	28,632,686	10.1%
43 - ADJUSTMENTS				
44 - UNITS (TON)	(46,714)			
45 - AMOUNT (\$)	(3,524,567)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	917,421	882,732	34,689	3.9%
48 - UNIT COST (\$/TON)	75.19	60.80	14.39	23.7%
49 - AMOUNT (\$)	68,979,150	53,666,310	15,312,840	28.5%
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 12/1/2017

Run Date: 1/4/2018 7:19:10AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	213,729,336	188,615,855	25,113,481	13.3%
68 - UNIT COST (\$/MCF)	4.35	4.48	(0.14)	(3.1%)
69 - AMOUNT (\$)	928,886,194	845,787,771	83,098,423	9.8%
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%

**ATTACHMENT #1
SCHEDULE A-5
December 2017**

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENT EXPLANATION
0	\$0.00	TOTAL

LIGHT OIL		
UNITS	AMOUNT	ADJUSTMENT EXPLANATION
0	\$0.00	TOTAL

COAL		
UNITS	AMOUNT	ADJUSTMENT EXPLANATION
4,696	\$ 449,688.96	Aerial Survey Adjustment
4,696	\$ 449,688.96	TOTAL

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
December 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		5,981		5,981	2.572	3.198	153,818.00	191,259.00	37,441.00
ACTUAL									
Tampa Electric Company	CR-1	450	0	450	3.866	5.071	17,395.22	22,821.50	5,426.28
PJM Settlements	MR-1	0	0	0	0.000	0.000	0.00	23.11	23.11
Tampa Electric Company		0	0	0	0.000	0.000	0.00	(5,227.60)	(5,227.60)
Subtotal - Gain on Other Power Sales		450	0	450	3.866	3.915	17,395.22	17,617.01	221.79
CURRENT MONTH TOTAL		450		450	3.866	3.915	17,395.22	17,617.01	221.79
DIFFERENCE		(5,531)		(5,531)	1.294	0.717	(136,422.78)	(173,641.99)	(37,219.21)
DIFFERENCE %		(92)		(92)	50.296	22.417	(88.69)	(90.79)	(99.41)
CUMULATIVE ACTUAL		70,215		70,215	3.888	5.152	2,729,823.98	3,617,194.63	887,370.65
CUMULATIVE ESTIMATED		82,704		82,704	3.043	3.783	2,516,281.00	3,128,769.00	612,488.00
DIFFERENCE		(12,489)		(12,489)	0.845	1.369	213,542.98	488,425.63	274,882.65
DIFFERENCE %		(15)		(15)	27.783	36.174	8.49	15.61	44.88

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	KWH FOR UTILITIES (000)	KWH FOR INTERRUPTIBLE (000)	KWH FOR FIRM (000)	FUEL COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	FUEL COST \$
ESTIMATED		22,509			22,509	5.881	5.881	1,323,796.00	1,323,796.00
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	15,293			15,293	4.933	4.933	754,345.60	754,345.60
Southern Power Company	Franklin	111,599			111,599	3.157	3.157	3,523,684.62	3,523,684.62
Vandolah Power Company L.L.C.	TOLL	39,409			39,409	4.958	4.958	1,953,723.15	1,953,723.15
ADJUSTMENTS									
Shady Hills Power Company, L.L.C.	TOLL	2,170			2,170	1.36	1.36	29,448.70	29,448.70
Southern Power Company	Franklin	-			0	-	-	(38,842.92)	(38,842.92)
Vandolah Power Company L.L.C.	TOLL	1,703			1,703	3.71	3.71	6,317.74	6,317.74
CURRENT MONTH TOTAL		170,174			170,174	3.660	3.660	6,228,676.890	6,228,676.89
DIFFERENCE		147,665			147,665	(2.221)	(2.221)	4,904,880.89	4,904,880.89
DIFFERENCE %		656.03			656.026	(37.763)	(37.763)	370.52	370.52
CUMULATIVE ACTUAL		3,145,889			3,145,889	4.445	4.445	139,832,912.65	139,832,912.65
CUMULATIVE ESTIMATED		1,760,693			1,760,693.00	4.192	4.192	73,811,326.00	73,811,326.00
DIFFERENCE		1,385,196			1,385,196.00	0.253	0.253	66,021,586.65	66,021,586.65
DIFFERENCE %		79			78.67	6.029	6.029	89.45	89.45

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
DECEMBER, 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		296,037	-	-	296,037	4.192	12.290	12,408,767.76
ACTUAL								
Citrus World (CITRUS)	CO-GEN	132			132	3.074	3.074	4,050.32
ADJ		100			100			3,154.49
Florida Power Development (FCRUSHAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		(60)			(60)			(2,090.25)
Florida Power Development (FLACRUSH)	CO-GEN	22,925			22,925	7.638	7.638	1,751,123.74
ADJ		-			-			0.01
Lake County (LAKCOUNT)	CO-GEN	418			418	3.107	3.107	12,986.52
ADJ		(10)			(10)			633.67
Lee County (LEECOGAS)	CO-GEN	16,311			16,311	2.875	2.875	468,886.72
ADJ		-			-			1,290.89
Metro-Dade County (METRDADE)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Metro-Dade County (METRDDAS)	CO-GEN	6,035			6,035	3.006	3.006	181,399.62
ADJ		-			-			14,076.02
Orange Cogen (ORANGEAS)	CO-GEN	1,211			1,211	3.080	3.080	37,294.59
ADJ		-			-			1,881.20
Orange Cogen (ORANGECO)	CO-GEN	39,325			39,325	4.228	4.228	1,662,553.10
ADJ		-			-			(853.17)
Orlando Cogen Limited (ORLACOGL)	CO-GEN	88,430			88,430	5.370	5.370	4,748,323.97
ADJ		-			-			17,989.09
Orlando Cogen Limited (ORLCOGAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	17,362			17,362	2.783	2.783	483,213.94
ADJ		-			-			(22,875.99)
PCS Phosphate (OCSWFCRK)	CO-GEN	2			2	3.477	3.477	61.19
ADJ		(3)			(3)			(95.36)
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	36,195			36,195	2.761	2.761	999,433.23
ADJ		-			-			(42,214.53)
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	35,276			35,276	3.231	3.231	1,139,767.56
ADJ		-			-			(39,971.41)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	20,498			20,498	5.507	5.507	1,128,824.86
ADJ		-			-			52,095.29
CURRENT MONTH TOTAL		284,147			284,147	4.43	4.43	12,600,939.32
DIFFERENCE		(11,890)			(11,890)	0.24	(7.855)	192,171.56
DIFFERENCE %		(4.02)			(4.02)	5.79	(177.14)	1.55
CUMULATIVE ACTUAL		3,235,494			3,235,494	4.509	4.509	145,903,024.87
CUMULATIVE ESTIMATED		3,329,831			3,329,831	4.222	4.222	140,596,014.62
CUMULATIVE DIFFERENCE		(94,337)			(94,337)	0.287	0.287	5,307,010.25
CUMULATIVE DIFFERENCE %		(2.83)			(3)	6.800	6.800	3.77

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
DECEMBER, 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		6,462	4.196	271,115.00	4.415	285,300.00	14,185.00
ACTUAL:							
SubTotal - Energy Purchases (Broker)							
EDF Trading North America, LLC		422	2.905	\$12,260.00	3.055	\$12,893.98	633.98
Exelon Generation Company, LLC	InternationalSwapsDe	1,369	2.965	\$40,587.00	4.10	\$56,126.38	15,539.38
Florida Power & Light Company		5,210	3.059	\$159,360.00	3.647	\$190,017.90	30,657.90
Jacksonville Electric Authority	Transmission Purchase			\$748.80			(748.80)
Morgan Stanley Capital Group Inc.	EEl	450	3.750	\$16,875.00	4.606	\$20,727.00	3,852.00
Seminole Electric Cooperative, Inc.	Transmission Purchase			\$399.75			(399.75)
Tampa Electric Company	EEl2	720	3.498	25,185.00	3.949	28,431.90	3,246.90
The Energy Authority	EEl	440	2.399	10,555.00	2.687	11,821.10	1,266.10
ADJUSTMENTS							
Tampa Electric Company	Transmission Purchase	-	-	(13,225.55)	-	-	13,225.55
SEPA		240		9,323.39		9,323.39	
Duke Electric Transmission				(3,465.24)			3,465.24
SubTotal - Energy Purchases (Non-Broker)							
		8,851	2.922	258,603.15	3.721	329,341.65	70,738.50
CURRENT MONTH TOTAL							
DIFFERENCE		2,389	(1.274)	(12,511.85)	(0.694)	44,041.65	56,553.50
DIFFERENCE %		37	(30.368)	(4.61)	(15.720)	15.44	398.69
CUMULATIVE ACTUAL							
		246,153	3.83	9,421,189.64	4.970	12,233,089.50	2,811,899.86
CUMULATIVE ESTIMATED							
DIFFERENCE		97,274	4.541	4,417,649.00	4.864	4,731,794.00	314,145.00
DIFFERENCE		148,879	(0.714)	5,003,540.64	0.105	7,501,295.50	2,497,754.86
DIFFERENCE %		153	(15.724)	113.26	2.165	158.53	795.10

DUKE ENERGY FLORIDA, LLC
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	OCT	NOV	DEC	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	5,071,564	5,071,564	5,071,564	60,858,765.11
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	4,988,662	5,015,745	5,023,523	60,916,839.56
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	1,784,800	1,784,800	1,784,800	21,417,600.00
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	4,248,600	4,248,600	4,248,600	50,983,200.00
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	6,965,675	6,965,675	6,965,675	82,091,070.26
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	751,969	754,931	755,868	8,959,299.51
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	2,750,085	2,698,716	3,488,522	49,537,060.36
8 Retail Wheeling				(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(9,282)	(6,007)	(3,342)	(4,243)	0	(1,766)	(115,365.12)
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	4,212,377	4,184,953	4,157,530	51,700,332.97
10 ISFSI Return				0	0	0	0	0	0	724,926	726,807	728,105	735,486	747,111	751,681	4,414,116.04
11 ASC Servicing Fee				0	0	0	0	0	0	(296,269)	0	(160,182)	0	0	0	(456,450.59)
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	31,504,974	31,472,095	32,245,996	390,306,468
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	4,658,860	4,929,192	6,435,384	86,226,586
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	36,163,833	36,401,286	38,681,380	476,533,054