



MATTHEW R. BERNIER
SENIOR COUNSEL

May 22, 2017

VIA ELECTRONIC FILING

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

Re: Docket No. 170001-EI

Dear Ms. Stauffer:

Attached for electronic filing in the subject docket on behalf of Duke Energy Florida, LLC, are the Schedules A1 through A9 and A12 for the reporting month of April 2017 as well as a revised Schedule A7 for January 2017, which shows a correction to the Osprey Energy Center MWhs purchased.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Sincerely,

/s/ Matthew R. Bernier

Matthew R. Bernier
Senior Counsel

MRB/db
Attachments

cc: Parties of record

CERTIFICATE OF SERVICE

Docket No. 170001-EI

I HEREBY CERTIFY that a true copy of Duke Energy Florida, LLC's Schedules A1-A9 and A12 for the month of April 2017 and a revised Schedule A7 for the month of January 2017 have been furnished to the following individuals via e-mail on this 22nd day of May, 2017.

/s/ Matthew R. Bernier
Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

APRIL 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)	100,319,245	85,375,316	14,943,929	17.5	2,852,125	2,687,159	164,966	6.1	3.5174	3.1772	0.3402	10.7
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	590	0	590	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	100,319,835	85,375,316	14,944,519	17.5	2,852,125	2,687,159	164,966	6.1	3.5174	3.1772	0.3402	10.7
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	16,392,106	4,898,231	11,493,875	234.7	319,138	117,854	201,284	170.8	5.1364	4.1562	0.9802	23.6
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	18,201	0	18,201	0.0	695	0	695	0.0	2.6189	0.0000	2.6189	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	2,670,573	345,239	2,325,334	673.5	62,926	7,595	55,331	728.5	4.2440	4.5455	(0.3015)	(6.6)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	8,178,273	11,229,874	(3,051,601)	(27.2)	171,537	267,704	(96,167)	(35.9)	4.7676	4.1949	0.5727	13.7
12 TOTAL COST OF PURCHASED POWER	27,259,154	16,473,344	10,785,810	65.5	554,296	393,154	161,142	41.0	4.9178	4.1900	0.7278	17.4
13 TOTAL AVAILABLE MWH					3,406,422	3,080,313	326,109	10.6				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(20,251)	(325,957)	305,706	(93.8)	(400)	(9,610)	9,210	(95.8)	5.0628	3.3920	1.6708	49.3
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(3,000)	(79,340)	76,340	(96.2)	(400)	(9,610)	9,210	(95.8)	0.7500	0.8256	(0.0756)	(9.2)
15b 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
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(2,575,927)	(2,017,970)	(557,957)	27.7	(200,499)	(84,368)	(116,131)	137.7	1.2848	2.3919	(1.1071)	(46.3)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,599,178)	(2,423,267)	(175,911)	7.3	(200,899)	(93,978)	(106,922)	113.8	1.2938	2.5786	(1.2848)	(49.8)
19 NET INADVERTENT AND WHEELED INTERCHANGE					13,503	0	13,503					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	124,979,811	99,425,393	25,554,418	25.7	3,219,026	2,986,336	232,690	7.8	3.8825	3.3293	0.5532	16.6
21 NET UNBILLED	6,673,302	5,003,530	1,669,772	33.4	(171,880)	(150,286)	(21,594)	14.4	0.2327	0.1870	0.0457	24.4
22 COMPANY USE	374,556	390,622	(16,066)	(4.1)	(9,647)	(11,733)	2,085	(17.8)	0.0131	0.0146	(0.0015)	(10.3)
23 T & D LOSSES	6,609,007	4,963,113	1,645,894	33.2	(170,224)	(149,072)	(21,152)	14.2	0.2305	0.1855	0.0450	24.3
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	124,979,811	99,425,393	25,554,418	25.7	2,867,274	2,675,245	192,029	7.2	4.3588	3.7165	0.6423	17.3
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(737,381)	(507,070)	(230,311)	45.4	(16,964)	(13,644)	(3,320)	24.3	4.3467	3.7164	0.6303	17.0
26 JURISDICTIONAL KWH SALES	124,242,430	98,918,323	25,324,107	25.6	2,850,310	2,661,601	188,709	7.1	4.3589	3.7165	0.6424	17.3
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	124,381,582	98,957,891	25,423,691	25.7	2,850,310	2,661,601	188,709	7.1	4.3638	3.7180	0.6458	17.4
28 PRIOR PERIOD TRUE-UP	2,184,805	2,184,805	0	0.0	2,850,310	2,661,601	188,709	7.1	0.0767	0.0821	(0.0054)	(6.6)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,850,310	2,661,601	188,709	7.1	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,850,310	2,661,601	188,709	7.1	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	126,566,387	101,142,696	25,423,691	25.1	2,850,310	2,661,601	188,709	7.1	4.4405	3.8001	0.6404	16.9
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									4.4437	3.8028	0.6409	16.9
32 GPIF	187,952	187,952			2,850,310	2,661,601			0.0066	0.0071	(0.0005)	(7.0)
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.450	3.810	0.640	16.8

*Line 15a. MWH Data for Informational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - APRIL 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)	373,761,822	352,182,334	21,579,488	6.1	10,320,340	10,760,292	(439,953)	(4.1)	3.6216	3.2730	0.3486	10.7
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	(42,303)	0	(42,303)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(515,275)	0	(515,275)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	373,204,244	352,182,334	21,021,910	6.0	10,320,340	10,760,292	(439,953)	(4.1)	3.6162	3.2730	0.3432	10.5
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	31,094,706	11,923,711	19,170,995	160.8	674,781	260,975	413,806	158.6	4.6081	4.5689	0.0392	0.9
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	23,157	0	23,157	0.0	894	0	894	0.0	2.5903	0.0000	2.5903	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	4,768,586	1,365,355	3,403,231	249.3	129,787	31,478	98,309	312.3	3.6742	4.3375	(0.6633)	(15.3)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	44,835,778	46,262,548	(1,426,770)	(3.1)	1,016,912	1,101,242	(84,330)	(7.7)	4.4090	4.2009	0.2081	5.0
12 TOTAL COST OF PURCHASED POWER	80,722,227	59,551,614	21,170,613	35.6	1,822,374	1,393,695	428,679	30.8	4.4295	4.2729	0.1566	3.7
13 TOTAL AVAILABLE MWH					12,142,714	12,153,987	(11,274)	(0.1)				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(272,365)	(1,007,290)	734,925	(73.0)	(10,170)	(33,313)	23,143	(69.5)	2.6781	3.0237	(0.3456)	(11.4)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(45,903)	(245,185)	199,282	(81.3)	(10,170)	(33,313)	23,143	(69.5)	0.4514	0.7360	(0.2846)	(38.7)
15b 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
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(6,734,998)	(6,471,946)	(263,052)	4.1	(442,251)	(257,296)	(184,955)	71.9	1.5229	2.5154	(0.9925)	(39.5)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(7,053,267)	(7,724,421)	671,154	(8.7)	(452,421)	(290,609)	(161,812)	55.7	1.5590	2.6580	(1.0990)	(41.4)
19 NET INADVERTENT AND WHEELED INTERCHANGE					62,805	0	62,805					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	446,873,204	404,009,527	42,863,677	10.6	11,753,098	11,863,378	(110,280)	(0.9)	3.8022	3.4055	0.3967	11.7
21 NET UNBILLED	12,458,657	(4,733,692)	17,192,349	(363.2)	(327,672)	136,445	(464,117)	(340.2)	0.1157	(0.0417)	0.1574	(377.5)
22 COMPANY USE	1,506,109	1,737,458	(231,349)	(13.3)	(39,612)	(50,984)	11,373	(22.3)	0.0140	0.0153	(0.0013)	(8.5)
23 T & D LOSSES	23,608,954	20,156,815	3,452,139	17.1	(620,933)	(591,888)	(29,045)	4.9	0.2193	0.1775	0.0418	23.6
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	446,873,204	404,009,527	42,863,677	10.6	10,764,881	11,356,951	(592,070)	(5.2)	4.1512	3.5574	0.5938	16.7
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(3,161,727)	(1,989,560)	(1,172,167)	58.9	(75,153)	(56,338)	(18,815)	33.4	4.2071	3.5315	0.6756	19.1
26 JURISDICTIONAL KWH SALES	443,711,477	402,019,967	41,691,510	10.4	10,689,728	11,300,613	(610,885)	(5.4)	4.1508	3.5575	0.5933	16.7
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	444,127,927	402,180,775	41,947,152	10.4	10,689,728	11,300,613	(610,885)	(5.4)	4.1547	3.5589	0.5958	16.7
28 PRIOR PERIOD TRUE-UP	8,739,221	8,739,220	1	0.0	10,689,728	11,300,613	(610,885)	(5.4)	0.0818	0.0773	0.0045	5.8
28a MARKET PRICE TRUE-UP	0	0	0	0.0	10,689,728	11,300,613	(610,885)	(5.4)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	10,689,728	11,300,613	(610,885)	(5.4)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	452,867,148	410,919,995	41,947,153	10.2	10,689,728	11,300,613	(610,885)	(5.4)	4.2365	3.6362	0.6003	16.5
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									4.2396	3.6388	0.6007	16.5
32 GPIF	751,807	751,808			10,689,728	11,300,613			0.0070	0.0067	0.0003	95.7
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.247	3.646	0.601	16.5

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
APRIL 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	\$100,319,245	85,375,316	\$14,943,929	17.5	\$373,761,822	\$352,182,334	\$21,579,488	6.1
1a. NUCLEAR FUEL DISPOSAL COST	-	0	0	0.0	0	0	0	0.0
1b. NUCLEAR DECOMMISSIONING AND DECONTAMINATION	-	0	0	0.0	0	0	0	0.0
1c. COAL CAR SALE	-	0	0	0.0	(42,303)	0	(42,303)	0.0
2 . FUEL COST OF POWER SOLD	(20,251)	(325,957)	305,706	(93.8)	(272,365)	(1,007,290)	734,925	(73.0)
2a. GAIN ON POWER SALES	(3,000)	(79,340)	76,340	(96.2)	(45,903)	(245,185)	199,282	(81.3)
3 . FUEL COST OF PURCHASED POWER	16,392,106	4,898,231	11,493,875	234.7	31,094,706	11,923,711	19,170,995	160.8
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	8,178,273	11,229,874	(3,051,601)	(27.2)	44,835,778	46,262,548	(1,426,770)	(3.1)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	2,688,774	345,239	2,343,535	678.8	4,791,743	1,365,355	3,426,388	251.0
5 . TOTAL FUEL & NET POWER TRANSACTIONS	127,555,148	101,443,363	26,111,785	25.7	454,123,477	410,481,473	43,642,004	10.6
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(2,575,927)	(2,017,970)	(557,957)	27.7	(6,734,998)	(6,471,946)	(263,052)	4.1
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	590	0	590	0.0	(515,275)	0	(515,275)	0.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$124,979,811	\$99,425,393	\$25,554,418	25.7	\$446,873,204	\$404,009,527	\$42,863,677	10.6

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}	590	0	590	2,820	0	2,820	
N/A - Not used	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0	(574,431)	0	(574,431)	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
Gain/Loss on Disposition of Oil	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
NET METER SETTLEMENT	0	0	0	56,336	0	56,336	
N/A - Not used	0	0	0	0	0	0	
Derivative Collateral Interest	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$590	\$0	\$590	(\$515,275)	\$0	(\$515,275)	

B. KWH SALES								
1 . JURISDICTIONAL SALES	2,850,310,533	2,661,601,288	188,709,245	7.1	10,689,729,043	11,300,613,059	(610,884,016)	(5.4)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	16,964,130	13,644,000	3,320,130	24.3	75,152,727	56,338,000	18,814,727	33.4
3 . TOTAL SALES	2,867,274,663	2,675,245,288	192,029,375	7.2	10,764,881,770	11,356,951,059	(592,069,289)	(5.2)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.41	99.49	(0.08)	(0.1)	99.30	99.50	(0.20)	(0.2)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$102,241,284	\$97,413,670	\$4,827,613	5.0	\$381,643,553	\$413,598,460	(\$31,954,907)	(7.7)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	0	0	0	0.0	0	0	0	0.0
2b. INCREASE IN RETAIL FUEL RATE PER RRSSA	0	0	0	0.0	0	0	0	0.0
2c. TRUE UP PROVISION	(2,184,805)	(2,184,805)	(0)	0.0	(8,739,221)	(8,739,220)	(1)	0.0
2d. INCENTIVE PROVISION	(187,952)	(187,952)	0	0.0	(751,807)	(751,808)	1	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	99,868,527	95,040,913	4,827,613	5.1	372,152,525	404,107,432	(31,954,907)	(7.9)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	124,979,811	99,425,393	25,554,418	25.7	446,873,204	404,009,527	42,863,677	10.6
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.41	99.49	(0.08)	(0.1)	0.00	99.50	(99.50)	(100.0)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00112 LOSS MULTIPLIER)	124,381,582	98,957,891	25,423,691	25.7	444,127,927	402,180,775	41,947,152	10.4
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(24,513,055)	(3,916,978)	(20,596,077)	525.8	(71,975,402)	1,926,657	(73,902,059)	(3,835.8)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(103,035)	(4,546)	(98,489)	2,166.3	(299,983)	(19,470)	(280,512)	1,440.7
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(126,216,053)	(13,834,537)	(112,381,516)	812.3	(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	8,739,221	8,739,220	1	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(148,647,338)	(15,571,256)	(133,076,082)	854.6	(148,647,338)	(15,571,256)	(133,076,082)	854.6
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$148,647,338)	(15,571,256)	(133,076,082)	854.6	(\$148,647,338)	(15,571,256)	(133,076,082)	854.6
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$126,216,053)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(148,544,303)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(274,760,355)	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	(137,380,178)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.940	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.860	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	1.800	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.900	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.075	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$103,035)	N/A	--	--				

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 4/1/2017 to 4/1/2017
Run Date: 5/12/2017 3:25:19PM

<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	1,190,622	354,161	836,461	236.2%
3 - COAL	37,889,505	20,346,221	17,543,284	86.2%
4 - GAS	61,239,118	64,674,934	(3,435,816)	(5.3%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	100,319,245	85,375,316	14,943,929	17.5%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	5,343	13	5,330	41,000.2%
11 - COAL	1,008,416	668,195	340,221	50.9%
12 - GAS	1,836,919	2,015,353	(178,434)	(8.9%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	1,447	3,598	(2,151.00)	(59.8)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	2,852,125	2,687,159	164,966	6.1%
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	11,782	2,422	9,360	386.5%
19 - COAL (TON)	451,324	308,636	142,688	46.2%
20 - GAS (MCF)	13,777,378	15,402,715	(1,625,337)	(10.6%)
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	67,905	14,101	53,804	381.6%
26 - COAL	10,006,093	6,994,418	3,011,675	43.1%
27 - GAS	14,083,024	15,402,715	(1,319,691)	(8.6%)
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	24,157,021	22,411,234	1,745,787	7.8%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 4/1/2017 to 4/1/2017
Run Date: 5/12/2017 3:25:19PM

<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	38623.0%
34 - COAL	35.4	24.87	10.5	42.2%
35 - GAS	64.4	75.00	(10.6)	(14.1%)
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.05	0.13	(0.08)	(62.11)%
38	0.0	0.00	0.0	0.0%
39 - TOTAL (% MWH)	99.9	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)	101.05	146.23	(45.17)	(30.9%)
42 - COAL (\$/TON)	83.95	65.92	18.03	27.3%
43 - GAS (\$/MCF)	4.44	4.20	0.25	5.9%
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	17.53	25.12	(7.58)	(30.2%)
49 - COAL	3.79	2.91	0.88	30.2%
50 - GAS	4.35	4.20	0.15	3.6%
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)	4.15	3.81	0.34	9.0%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,709	1,084,692	(1,071,983)	(98.8%)
57 - COAL	9,923	10,468	(545)	(5.2%)
58 - GAS	7,667	7,643	24	0.3%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,470	8,340	130	1.6%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

FINAL

Report Period: 4/1/2017 to 4/1/2017

Run Date: 5/12/2017 3:25:19PM

<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	22.28	2,724.32	(2,702.03)	(99.2%)
65 - COAL	3.76	3.04	0.71	23.4%
66 - GAS	3.33	3.21	0.12	3.9%
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%
<hr/> 70 - SYSTEM	<hr/> 3.52	<hr/> 3.18	<hr/> 0.34	<hr/> 10.7%

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 4/1/2017 to 4/1/2017
Run Date: 5/3/2017 10:15:23AM

(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 TYP E	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	488.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	959.00	26			0				0	0	0.000	
TOTAL Solar:	9	1,447.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		12,539.00					Gas	109,704	1.023	112,227	520,674	4.152	4.746
	524	12,539.00	3			8,950				112,227	520,674	4.152	
TOTAL UNIT 2		155,411.00					Gas	1,657,535	1.023	1,695,658	7,866,947	5.062	4.746
	524	155,411.00	41			10,911				1,695,658	7,866,947	5.062	
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		126,262.00					Coal	58,467	22.638	1,323,576	5,758,025	4.560	98.483
		0.00					No 2	364	5.740	2,089	29,790	0.000	81.841
	372	126,262.00	47			10,499				1,325,665	5,787,815	4.584	
TOTAL UNIT 2		147,731.00					Coal	72,219	22.638	1,634,894	7,112,367	4.814	98.483
		0.00					No 2	427	5.740	2,451	34,946	0.000	81.841
	503	147,731.00	41			11,083				1,637,345	7,147,313	4.838	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 4/1/2017 to 4/1/2017
Run Date: 5/3/2017 10:15:23AM

(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 TYP E	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													
		417,993.00					Coal	184,061	21.980	4,045,661	14,362,125	3.436	78.029
		0.00					No 2	1,092	5.737	6,265	89,350	0.000	81.822
TOTAL UNIT 4	721	417,993.00	81			9,694				4,051,925	14,451,474	3.457	
		318,570.00					Coal	136,577	21.980	3,001,962	10,656,988	3.345	78.029
		0.00					No 2	1,770	5.737	10,154	144,825	0.000	81.822
TOTAL UNIT 5	721	318,570.00	61			9,455				3,012,117	10,801,813	3.391	
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	1,178,506.00				10,042				11,834,938	46,576,037	3.952	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Run Date: 4/1/2017 to 4/1/2017
5/3/2017 10:15:23AM

(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 TYP E	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													
		24.12					No 2	73	5.816	425	6,923	28.702	94.835
TOTAL APP		266.98					Gas	4,594	1.023	4,700	21,788	8.161	4.743
	50	291.10	1			17,603				5,124	28,711	9.863	
Bartow Combined Cycle													
TOTAL BCC		529,238.00					Gas	4,289,733	1.022	4,384,107	18,782,304	3.549	4.378
	1,120	529,238.00	66			8,284				4,384,107	18,782,304	3.549	
Bartow Peaker													
TOTAL BAP		1,507.00					Gas	23,607	1.023	24,150	111,965	7.430	4.743
	102	1,507.00	2			16,025				24,150	111,965	7.430	
Bayboro Peaker													
TOTAL BYP		157.80					No 2	440	5.712	2,513	63,700	40.367	144.772
	217	157.80	0			15,927				2,513	63,700	40.367	
Debary Peaker													
TOTAL DEP		1,875.41					No 2	4,414	5.761	25,427	515,875	27.507	116.873
		19,113.59					Gas	253,321	1.023	259,147	1,201,870	6.288	4.744
	701	20,989.00	4			13,558				284,575	1,717,745	8.184	
Higgins Peaker													
TOTAL HGP		1,457.80					Gas	23,453	1.023	23,992	111,223	7.630	4.742
	71	1,457.80	3			16,458				23,992	111,223	7.630	
Hines Energy													
TOTAL HEP		978,607.00					Gas	6,129,494	1.022	6,264,343	27,056,848	2.765	4.414
	2,199	978,607.00	62			6,401				6,264,343	27,056,848	2.765	
Intercession City Peaker													
TOTAL ICP		1,356.07					No 2	3,077	5.802	17,853	293,717	21.659	95.456
		30,310.37					Gas	390,459	1.022	399,049	1,710,128	5.642	4.380
	1,063	31,666.44	4			13,165				416,902	2,003,845	6.328	
Suwannee Peaker													
TOTAL SRP		50.67					No 2	125	5.817	727	11,496	22.688	91.968
		3,092.33					Gas	43,379	1.023	44,377	205,750	6.654	4.743
	200	3,143.00	2			14,351				45,104	217,246	6.912	
Tiger Bay Cogen													
TOTAL TBP		85,526.00					Gas	638,498	1.022	652,545	2,795,473	3.269	4.378
	231	85,526.00	51			7,630				652,545	2,795,473	3.269	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 4/1/2017 to 4/1/2017
Run Date: 5/3/2017 10:15:23AM

(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 TYP E	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Univ of Florida Cogen		0.00					No 2	0	0.000	0	0	0.000	0.000
		19,589.00					Gas	213,601	1.024	218,728	854,148	4.360	3.999
TOTAL UFP										218,728	854,148	4.360	
	48	19,589.00	57			11,166							
TOTAL Gas Turbine:													
	6,002	1,672,172.14				7,369				12,322,083	53,743,208	3.214	
SYSTEM TOTAL:													
	9,376	2,852,125.14				8,470				24,157,021	100,319,245	3.517	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 4/1/2017 to 4/1/2017

Run Date: 5/3/2017 10:15:25AM

	<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)	3,768	2,422	1,346	55.6%
20 - UNIT COST (\$/BBL)	127.16	146.23	(19.06)	(13.0%)
21 - AMOUNT (\$)	479,149	354,161	124,988	35.3%
22 - BURNED				
23 - UNITS (BBL)	11,782	2,422	9,360	386.5%
24 - UNIT COST (\$/BBL)	101.05	146.23	(45.17)	(30.9%)
25 - AMOUNT (\$)	1,190,622	354,161	836,461	236.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	921,321	947,635	(26,314)	(2.8%)
31 - UNIT COST (\$/BBL)	110.88	109.88	1.05	1.0%
32 - AMOUNT (\$)	102,157,505	104,075,698	(1,918,193)	(1.8%)
33 -				
34 - DAYS SUPPLY	2,346	11,738	(9,392)	(80.0%)

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 4/1/2017 to 4/1/2017

Run Date: 5/3/2017 10:15:25AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	358,562	308,636	49,926	16.2%
37 - UNIT COST (\$/TON)	78.48	65.92	12.56	19.0%
38 - AMOUNT (\$)	28,139,830	20,346,221	7,793,609	38.3%
39 - BURNED				
40 - UNITS (TON)	451,324	308,636	142,688	46.2%
41 - UNIT COST (\$/TON)	83.95	65.92	18.03	27.3%
42 - AMOUNT (\$)	37,889,505	20,346,221	17,543,284	86.2%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	810,078	882,732	(72,654)	(8.2%)
48 - UNIT COST (\$/TON)	81.86	65.92	15.94	24.2%
49 - AMOUNT (\$)	66,311,808	58,192,342	8,119,466	14.0%
50 -				
51 - DAYS SUPPLY	54	86	(32)	(37.2%)
OTHER				
52				
53				
54				
55				
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57				
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62				
63				
64				
65				

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 4/1/2017 to 4/1/2017

Run Date: 5/3/2017 10:15:25AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	13,777,378	15,402,715	(1,625,337)	(10.6%)
68 - UNIT COST (\$/MCF)	4.44	4.20	0.25	5.9%
69 - AMOUNT (\$)	61,239,118	64,674,934	(3,435,816)	(5.3%)
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

ATTACHMENT #1
SCHEDULE A-5
April 2017

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

LIGHT OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

COAL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$ -	TOTAL

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 4/1/2017

Run Date: 5/12/2017 3:25:27PM

<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	2,783,826	1,304,660	1,479,166	113.4%
3 - COAL	113,370,285	99,464,274	13,906,011	14.0%
4 - GAS	251,607,710	251,413,400	6,194,310	2.5%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	373,761,822	352,182,334	21,579,488	6.1%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	14,359	355	14,004	3,944.8%
11 - COAL	3,124,802	3,225,516	(100,714)	(3.1%)
12 - GAS	7,175,700	7,526,492	(350,792)	(4.7%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	5,480	7,930	(2,450.00)	(30.9)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	10,320,341	10,760,293	(439,952)	(4.1%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	29,316	7,991	21,325	266.9%
19 - COAL (TON)	1,411,504	1,458,333	(46,829)	(3.2%)
20 - GAS (MCF)	54,517,507	56,398,228	(1,880,721)	(3.3%)
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	168,803	46,553	122,250	262.6%
26 - COAL	31,405,891	33,101,263	(1,695,372)	(5.1%)
27 - GAS	55,733,195	56,398,228	(665,033)	(1.2%)
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	87,307,889	89,546,044	(2,238,155)	(2.5%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 4/1/2017

Run Date: 5/12/2017 3:25:27PM

<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	4117.2%
34 - COAL	30.3	29.98	0.3	1.0%
35 - GAS	69.5	69.95	(0.4)	(0.6%)
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.05	0.07	(0.02)	(27.95)%
38	0.0	0.00	0.0	0.0%
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
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)	94.96	163.27	(68.31)	(41.8%)
42 - COAL (\$/TON)	80.32	68.20	12.11	17.8%
43 - GAS (\$/MCF)	4.73	4.46	0.27	6.0%
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	16.49	28.03	(11.53)	(41.2%)
49 - COAL	3.61	3.00	0.60	20.1%
50 - GAS	4.62	4.46	0.16	3.7%
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)	4.28	3.93	0.35	8.8%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	11,756	131,135	(119,379)	(91.0%)
57 - COAL	10,051	10,262	(212)	(2.1%)
58 - GAS	7,767	7,493	274	3.7%
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)	8,460	8,322	138	1.7%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 4/1/2017

Run Date: 5/12/2017 3:25:27PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	19.39	367.51	(348.12)	(94.7%)
65 - COAL	3.63	3.08	0.54	17.7%
66 - GAS	3.59	3.34	0.25	7.5%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<hr/> 70 - SYSTEM	<hr/> 3.62	<hr/> 3.27	<hr/> 0.35	<hr/> 10.7%

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report 1/1/2017 to 4/1/2017
Run Date: 5/5/2017 8:58:29AM

(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 TYP E	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	2,228.00	20			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	3,252.00	22			0				0	0	0.000	
TOTAL Solar:	9	5,480.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		72,175.00					Gas	819,987	1.024	839,557	4,725,120	6.547	5.762
	524	72,175.00	5			11,632				839,557	4,725,120	6.547	
TOTAL UNIT 2		421,979.00					Gas	4,540,452	1.024	4,647,765	23,467,490	5.561	5.169
	524	421,979.00	28			11,014				4,647,765	23,467,490	5.561	
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		140,190.00					Coal	65,546	22.629	1,483,236	6,448,399	4.600	98.380
		0.00					No 2	889	5.756	5,117	74,258	0.000	83.530
	372	140,190.00	13			10,617				1,488,353	6,522,658	4.653	
		223,182.00					Coal	111,992	22.599	2,530,911	10,979,195	4.919	98.036
		0.00					No 2	3,215	5.753	18,496	276,989	0.000	86.155
TOTAL UNIT 2	503	223,182.00	15			11,423				2,549,407	11,256,184	5.043	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report 1/1/2017 to 4/1/2017
Run Date: 5/5/2017 8:58:29AM

(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 TYP E	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													
		1,441,548.00					Coal	645,384	22.199	14,327,159	50,207,773	3.483	77.795
		0.00					No 2	6,558	5.741	37,651	568,708	0.000	86.720
TOTAL UNIT 4	721	1,441,548.00	69			9,965				14,364,810	50,776,481	3.522	
		1,329,595.00					Coal	588,582	22.197	13,064,585	45,734,918	3.440	77.704
		0.00					No 2	6,675	5.738	38,300	569,874	0.000	85.374
TOTAL UNIT 5	721	1,329,595.00	64			9,855				13,102,885	46,304,792	3.483	
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	3,628,669.00				10,195				36,992,777	143,052,724	3.942	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report 1/1/2017 to 4/1/2017
Run Date: 5/5/2017 8:58:29AM

(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													
		66.79					No 2	206	5.816	1,198	19,536	29.252	94.835
		391.81					Gas	6,869	1.023	7,029	35,243	8.995	5.131
TOTAL APP	50	458.60	0			17,940				8,227	54,779	11.945	
Bartow Combined Cycle													
		1,701,838.00					Gas	14,484,456	1.022	14,801,793	65,957,415	3.876	4.554
TOTAL BCC	1,120	1,701,838.00	53			8,698				14,801,793	65,957,415	3.876	
Bartow Peaker													
		1,808.00					Gas	28,395	1.023	29,052	137,467	7.603	4.841
TOTAL BAP	88	1,808.00	1			16,069				29,052	137,467	7.603	
Bayboro Peaker													
		157.80					No 2	524	5.712	2,993	75,861	48.074	144.772
TOTAL BYP	217	157.80	0			18,968				2,993	75,861	48.074	
Debary Peaker													
		2,436.47					No 2	5,794	5.762	33,383	677,066	27.789	116.856
		30,320.53					Gas	405,806	1.024	415,428	1,986,116	6.550	4.894
TOTAL DEP	701	32,757.00	2			13,701				448,810	2,663,182	8.130	
Higgins Peaker													
		1,547.60					Gas	25,032	1.023	25,609	119,647	7.731	4.780
TOTAL HGP	121	1,547.60	0			16,548				25,609	119,647	7.731	
Hines Energy													
		4,102,489.00					Gas	27,391,681	1.022	28,001,360	129,611,183	3.159	4.732
TOTAL HEP	2,199	4,102,489.00	65			6,825				28,001,360	129,611,183	3.159	
Intercession City Peaker													
		2,317.56					No 2	5,279	5.804	30,637	503,848	21.740	95.444
		44,480.30					Gas	575,500	1.022	588,004	2,530,210	5.688	4.397
TOTAL ICP	1,188	46,797.86	1			13,219				618,641	3,034,058	6.483	
Osprey													
		135,967.00					Gas	946,992	1.021	967,038	4,420,137	3.251	4.668
TOTAL OSP	531	135,967.00	9			7,112				967,038	4,420,137	3.251	
Suwannee Peaker													
		50.02					No 2	125	5.817	727	11,496	22.981	91.968
		5,944.28					Gas	84,421	1.023	86,404	442,014	7.436	5.236
TOTAL SRP	200	5,994.30	1			14,536				87,131	453,510	7.566	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report 1/1/2017 to 4/1/2017
Run Date: 5/5/2017 8:58:29AM

(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		532,831.00					Gas	4,010,043	1.022	4,097,229	18,348,572	3.444	4.576
	231	532,831.00	80			7,690				4,097,229	18,348,572	3.444	
Univ of Florida Cogen													
		30.38					No 2	52	5.803	302	6,190	20.378	119.042
TOTAL UFP		123,516.42					Gas	1,197,873	1.024	1,226,927	5,827,096	4.718	4.865
	48	123,546.80	89			9,933				1,227,229	5,833,286	4.722	
TOTAL Gas Turbine:													
	6,694	6,686,192.96				7,525				50,315,112	230,709,098	3.451	
SYSTEM TOTAL													
	10,068	10,320,341.96				8,460				87,307,889	373,761,822	3.622	

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 4/1/2017

Run Date: 5/5/2017 8:58:32AM

	<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)	15,649	6,686	8,963	134.1%
20 - UNIT COST (\$/BBL)	147.07	152.81	(5.74)	(5.0%)
21 - AMOUNT (\$)	2,301,566	1,021,717	1,279,849	125.3%
22 - BURNED				
23 - UNITS (BBL)	29,316	6,686	22,630	338.5%
24 - UNIT COST (\$/BBL)	94.96	152.81	(57.86)	(37.9%)
25 - AMOUNT (\$)	2,783,826	1,021,717	1,762,109	172.5%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	4,467			
28 - AMOUNT (\$)	574,431			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	921,321	947,635	(26,314)	(2.8%)
31 - UNIT COST (\$/BBL)	110.88	109.83	1.05	1.0%
32 - AMOUNT (\$)	102,157,505	104,075,698	(1,918,193)	(1.8%)
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 4/1/2017

Run Date: 5/5/2017 8:58:32AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,409,016	1,063,231	345,785	32.5%
37 - UNIT COST (\$/TON)	79.39	68.69	10.70	15.6%
38 - AMOUNT (\$)	111,867,386	73,033,358	38,834,028	53.2%
39 - BURNED				
40 - UNITS (TON)	1,411,504	1,063,231	348,273	32.8%
41 - UNIT COST (\$/TON)	80.32	68.69	11.63	16.9%
42 - AMOUNT (\$)	113,370,285	73,033,358	40,336,927	55.2%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	810,078	882,732	(72,654)	(8.2%)
48 - UNIT COST (\$/TON)	81.86	65.92	15.94	24.2%
49 - AMOUNT (\$)	66,311,808	58,192,342	8,119,466	14.0%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
OTHER				
52				
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A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 4/1/2017

Run Date: 5/5/2017 8:58:32AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	54,517,507	43,130,943	11,386,564	26.4%
68 - UNIT COST (\$/MCF)	4.73	4.41	0.31	7.1%
69 - AMOUNT (\$)	257,607,710	190,255,231	67,352,479	35.4%
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST	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
April 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		9,610		9,610	3.392	4.218	325,957.00	405,297.00	79,340.00
ACTUAL									
Tampa Electric Company	CR-1	400		400	5.063	5.813	20,251.28	23,251.20	2,999.92
Subtotal - Gain on Other Power Sales		400	0	400	5.063	5.813	20,251.28	23,251.20	2,999.92
CURRENT MONTH TOTAL		400		400	5.063	5.813	20,251.28	23,251.20	2,999.92
DIFFERENCE		(9,210)		(9,210)	1.671	1.595	(305,705.72)	(382,045.80)	(76,340.08)
DIFFERENCE %		(96)		(96)	49.258	37.809	(93.79)	(94.26)	(96.22)
CUMULATIVE ACTUAL		10,170		10,170	2.678	3.129	272,365.16	318,268.56	45,903.40
CUMULATIVE ESTIMATED		33,313		33,313	3.024	3.760	1,007,290.00	1,252,475.00	245,185.00
DIFFERENCE		(23,143)		(23,143)	(0.346)	(0.630)	(734,924.84)	(934,206.44)	(199,281.60)
DIFFERENCE %		-69.471		-69.471	-11.429	-16.763	-72.961	-74.589	-81.278

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PURCHASED FROM	TYPE	TOTAL KWH PURCHASED (000)	KWH FOR UTILITIES (000)	KWH FOR NTERRUPTIBL (000)	KWH FOR FIRM (000)	FUEL COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	FUEL COST \$
ESTIMATED		117,854			117,854	4.156	4.156	4,898,231.00	4,898,231.00
ACTUAL									
Osprey Energy Center	TOLL	-			-	-	-	-	-
Shady Hills Power Company, L.L.C.	TOLL	79,791			79,791	5.520	5.520	4,400,104.50	4,400,104.50
Southern Company Services, Inc.	Scherer	-			-	-	-	-	-
Southern Power Company	Franklin	63,988			63,988	3.960	3.960	2,532,835.14	2,532,835.14
Vandolah Power Company L.L.C.	TOLL	170,242			170,242	5.530	5.530	9,416,224.36	9,416,224.36
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
ADJUSTMENTS									
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
Osprey Energy Center	TOLL	-			-	-	-	-	-
Shady Hills Power Company, L.L.C.	TOLL	3,329			3,329	0.920	0.920	30,652.32	30,652.32
Southern Company Services, Inc.	Scherer	-			-	-	-	-	-
Southern Power Company	Franklin	(1)			(1)	(155.990)	(155.990)	1,559.86	1,559.86
Vandolah Power Company L.L.C.	TOLL	1,789			1,789	0.600	0.600	10,729.88	10,729.88
CURRENT MONTH TOTAL		319,138			319,138	5.136	5.136	16,392,106.06	16,392,106.06
DIFFERENCE		201,284			201,284.00	0.980	0.980	11,493,875.06	11,493,875.06
DIFFERENCE %		170.79			170.79	23.589	23.589	234.65	234.65
CUMULATIVE ACTUAL		674,781			674,781	4.608	4.608	31,094,706.08	31,094,706.08
CUMULATIVE ESTIMATED		260,975			260,975	4.569	4.569	11,923,711.00	11,923,711.00
DIFFERENCE		413,806.00			413,806.00	0.04	0.04	19,170,995.08	19,170,995.08
DIFFERENCE %		159			159	0.858	0.858	160.78	160.78

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
APRIL 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		267,704	-	-	267,704	4.195	13.150	11,229,874.00
ACTUAL								
Citrus World (CITRUS)	CO-GEN	25			25	2.806	2.806	710.68
ADJ		(3)			(3)			48.85
Florida Power Development (FCRUSHAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Florida Power Development (FLACRUSH)	CO-GEN	32,030			32,030	7.640	7.640	2,447,090.97
ADJ		-			-			328.76
Lake County (LAKCOUNT)	CO-GEN	985			985	3.011	3.011	29,655.59
ADJ		-			-			33,038.02
Lee County (LEECOGAS)	CO-GEN	6,189			6,189	2.747	2.747	169,989.42
ADJ		-			-			51,590.31
Metro-Dade County (METRDADE)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Metro-Dade County (METRDDAS)	CO-GEN	14,398			14,398	2.891	2.891	416,255.73
ADJ		-			-			96,164.65
Orange Cogen (ORANGEAS)	CO-GEN	1,123			1,123	2.903	2.903	32,601.64
ADJ		-			-			6,671.13
Orange Cogen (ORANGECO)	CO-GEN	37,805			37,805	4.088	4.088	1,545,468.40
ADJ		-			-			(52,674.70)
Orlando Cogen (ORLACOGL)	CO-GEN	24,238			24,238	5.257	5.257	1,274,173.48
ADJ		-			-			12,913.50
Orlando Cogen (ORLCOGAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	17,309			17,309	2.714	2.714	469,812.62
ADJ		-			-			29,102.52
PCS Phosphate (OCSWFCRK)	CO-GEN	-			-	0.000	0.000	-
ADJ		(0)			(0)			(5.67)
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	23,532			23,532	2.735	2.735	643,543.60
ADJ		-			-			100,575.10
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	2,943			2,943	3.142	3.142	92,469.06
ADJ		-			-			159,551.14
Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	10,963			10,963	5.369	5.369	588,603.47
ADJ		-			-			30,595.14
CURRENT MONTH TOTAL		171,537			171,537	4.77	4.77	8,178,273.41
DIFFERENCE		(96,167)			(96,167)	0.57	(8.382)	(3,051,600.59)
DIFFERENCE %		(35.92)			(35.92)	13.65	(175.82)	(27.17)
CUMULATIVE ACTUAL		1,016,912			1,016,912	4.409	4.409	44,835,778.05
CUMULATIVE ESTIMATED		1,101,242			1,101,242	4.201	4.201	46,262,548.00
CUMULATIVE DIFFERENCE		(84,330)			(84,330)	0.208	0.208	(1,426,769.95)
CUMULATIVE DIFFERENCE %		(7.66)			(8)	4.953	4.953	(3.08)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
ESTIMATED		7,595	4.545	345,239.00	4.857	368,915.00	23,676.00
ACTUAL:							
Florida Power & Light Company	Schedule C	494	2.475	12,226.14	3.569	17,632.50	5,406.36
Orlando Utilities Commission	Schedule C	200	2.975	5,950.27	3.598	7,195.54	1,245.27
Tampa Electric Company	Schedule C	1	2.497	24.97	3.407	34.07	9.10
SubTotal - Energy Purchases (Broker)		695	2.619	18,201.38	3.577	24,862.11	6,660.73
SEPA	Hydro	3,715	3.934	146,159.82	0.000	146,159.82	-
City of Lakeland	Schedule OS	550	8.000	44,000.00	12.336	67,848.00	23,848.00
EDF Trading North America, LLC		2,533	3.442	87,175.00	7.449	188,680.75	101,505.75
Exelon Generation Company, LLC	InternationalSwapsDe	20,076	4.009	804,886.00	7.442	1,494,011.57	689,125.57
Florida Power & Light Company	Transmission Purchase			37,688.54			(37,688.54)
Florida Power & Light Company		15,607	3.462	540,261.00	5.819	908,201.88	367,940.88
Jacksonville Electric Authority	Transmission Purchase			23,837.76			(23,837.76)
Orlando Utilities Commission	Schedule OS	5,646	7.982	450,660.00	7.630	430,778.68	(19,881.32)
Orlando Utilities Commission	Transmission Purchase			406.00			(406.00)
PJM Inter.-Transmission	Transmission Purchase			1,363.94			(1,363.94)
PJM Settlements, Inc	MR1	1,534	2.753	42,235.41	7.491	114,909.41	72,674.00
Seminole Electric Cooperative, Inc.	Transmission Purchase			2,921.60			(2,921.60)
Southern Company Services, Inc.	EEl	3,560	4.473	159,240.00	4.641	165,228.76	5,988.76
Southern Company Services, Inc.	Transmission Purchase			11,382.07			(11,382.07)
Tallahassee (City of)	Schedule OS	1,760	1.511	26,585.00	2.029	35,701.60	9,116.60
Tampa Electric Company	EEl2	3,160	3.315	104,750.00	4.354	137,594.00	32,844.00
The Energy Authority	EEl	4,010	3.702	148,456.00	6.235	250,033.42	101,577.42
ADJUSTMENTS							
Florida Power & Light Company		200		8,800.00			(8,800.00)
Southern Company Services				(10.07)			10.07
The Energy Authority		78		3,510.00			(3,510.00)
Duke Electric Transmission				4,173.12			(4,173.12)
Tampa Electric Company	Transmission Purchase			5.37			(5.37)
Southern Company Services, Inc.	Transmission Purchase			(420.40)			420.40
PJM Settlements				1,095.94			(1,095.94)
SEPA Adjustment		497		19,191.43			(19,191.43)
Duke Electric Transmission				1,672.00			(1,672.00)
Duke Electric Transmission(late entry from March 2017)				547.50			(547.50)
SubTotal - Energy Purchases (Non-Broker)		62,926	4.244	2,670,573.03	6.260	3,939,147.89	1,268,574.86
CURRENT MONTH TOTAL		63,621	4.226	2,688,774.41	6.231	3,964,010.00	1,275,235.59
DIFFERENCE		56,026	-0.319	2,343,535.41	1.374	3,595,095.00	1,251,559.59
DIFFERENCE %		738	-7.013	678.82	28.282	974.50	5,286.20
CUMULATIVE ACTUAL		130,681	3.667	4,791,743.14	5.052	6,601,900.75	1,810,157.61
CUMULATIVE ESTIMATED		31,477	4.338	1,365,355.00	4.633	1,458,187.00	92,832.00
DIFFERENCE		99,204	(0.671)	3,426,388.14	0.419	5,143,713.75	1,717,325.61
DIFFERENCE %		315	(15.467)	250.95	9.053	352.75	1,849.93

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	0	0	0	0	0	0	0	0	20,286,255
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	0	0	0	0	0	0	0	0	20,411,214
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	0	0	0	0	0	0	0	0	7,139,200
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	0	0	0	0	0	0	0	0	16,994,400
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	0	0	0	0	0	0	0	0	26,734,337
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	1,097,143	646,573	648,924	678,961	0	0	0	0	0	0	0	0	3,071,601
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,485,507	4,630,269	2,673,583	2,669,458	0	0	0	0	0	0	0	0	14,458,817
8 Retail Wheeling				(23,615)	(2,605)	(13,552)	(1,023)	0	0	0	0	0	0	0	0	(40,796)
9 CR-3 Projected Expense				4,459,192	4,431,769	4,404,346	4,376,920	0	0	0	0	0	0	0	0	17,672,227
SUBTOTAL				32,959,883	32,569,913	30,596,218	30,601,242	0	0	0	0	0	0	0	0	126,727,257
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	0	0	0	0	0	0	0	0	23,636,720
TOTAL				39,723,203	39,202,095	35,741,824	35,696,855	0	0	0	0	0	0	0	0	150,363,977

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DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

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

(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		36,650			36,650	5.354	5.354	1,962,180.00	1,962,180.00
ACTUAL									
Vandolah Power Co. LLC (Northern Star)	TOLL	2,433			2,433	9.118	9.118	223,130.79	223,130.79
Shady Hills Power Company, LLC	TOLL	-			-	-	-	75.02	75.02
Southern Power Company	Franklin	56,398			56,398	3.737	3.737	2,107,954.62	2,107,954.62
Southern Company Services, Inc	Scherer3	-			-	-	-	-	-
Osprey Energy Center	TOLL	5,947			5,947	4.470	4.470	265,809.50	265,809.50
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
ADJUSTMENTS									
Vandolah Power Co. LLC (Northern Star)	TOLL	14			14	(89.780)	(89.780)	(12,569.14)	(12,569.14)
Shady Hills Power Company, LLC	TOLL	5			5	2.889	2.889	144.43	144.43
Southern Power Company	Franklin	-			-	-	-	21,643.59	21,643.59
Southern Company Services, Inc	Scherer3	-			-	-	-	-	-
Osprey Energy Center	TOLL	25			25	21.860	21.860	5,464.97	5,464.97
Calpine Energy Services, L.P.	TOLL	-			-	-	-	30,562.48	30,562.48
CURRENT MONTH TOTAL		64,822			64,822	4.076	4.076	2,642,216.26	2,642,216.26
DIFFERENCE		28,172			28,172.00	(1.278)	(1.278)	680,036.26	680,036.26
DIFFERENCE %		76.87			76.87	(23.868)	(23.868)	34.66	34.66
CUMULATIVE ACTUAL		64,822			64,822	4.076	4.076	2,642,216.26	2,642,216.26
CUMULATIVE ESTIMATED		36,650			36,650	5.354	5.354	1,962,180.00	1,962,180.00
DIFFERENCE		28,172.00			28,172.00	(1.28)	(1.28)	680,036.26	680,036.26
DIFFERENCE %		77			77	(23.866)	(23.866)	34.66	34.66

Duke Energy Florida
2017
A Schedule Acronym Listing

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