



MATTHEW R. BERNIER  
SENIOR COUNSEL

June 19, 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 May 2017.

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

Sincerely,

*/s/ Matthew R. Bernier*

Matthew R. Bernier  
Senior Counsel

MRB/db  
Attachments

cc: 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 May 2017 have been furnished to the following individuals via e-mail on this 19th day of June, 2017.

/s/ Matthew R. Bernier  
Attorney

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DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

MAY 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)	117,216,767	107,291,793	9,924,974	9.3	3,341,318	3,294,386	46,932	1.4	3.5081	3.2568	0.2513	7.7
2 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	720	0	720	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	117,217,487	107,291,793	9,925,694	9.3	3,341,318	3,294,386	46,932	1.4	3.5081	3.2568	0.2513	7.7
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	16,766,208	5,717,238	11,048,970	193.3	334,306	145,048	189,258	130.5	5.0152	3.9416	1.0736	27.2
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	4,051	0	4,051	0.0	150	0	150	0.0	2.7010	0.0000	2.7010	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	392,629	320,118	72,511	22.7	10,364	6,766	3,599	53.2	3.7884	4.7316	(0.9432)	(19.9)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	13,530,431	12,066,147	1,464,284	12.1	290,508	286,889	3,619	1.3	4.6575	4.2059	0.4516	10.7
9 TOTAL COST OF PURCHASED POWER	30,693,319	18,103,503	12,589,816	69.5	635,328	438,703	196,625	44.8	4.8311	4.1266	0.7045	17.1
10 TOTAL AVAILABLE MWH					3,976,646	3,733,089	243,557	6.5				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(722,164)	(244,693)	(477,471)	195.1	(15,314)	(7,349)	(7,965)	108.4	4.7157	3.3295	1.3862	41.6
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(254,671)	(59,560)	(195,111)	327.6	(15,314)	(7,349)	(7,965)	108.4	1.6630	0.8104	0.8526	105.2
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(4,600,856)	(2,377,019)	(2,223,837)	93.6	(224,207)	(98,936)	(125,271)	126.6	2.0521	2.4026	(0.3505)	(14.6)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(5,577,691)	(2,681,272)	(2,896,419)	108.0	(239,521)	(106,285)	(133,236)	125.4	2.3287	2.5227	(0.1940)	(7.7)
14 NET INADVERTENT AND WHEELED INTERCHANGE					16,845	0	16,845					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	142,333,115	122,714,024	19,619,091	16.0	3,753,970	3,626,804	127,167	3.5	3.7915	3.3835	0.4080	12.1
16 NET UNBILLED	12,212,915	13,291,716	(1,078,801)	(8.1)	(322,110)	(392,836)	70,726	(18.0)	0.3829	0.4371	(0.0542)	(12.4)
17 COMPANY USE	370,793	404,109	(33,316)	(8.2)	(9,779)	(11,943)	2,164	(18.1)	0.0116	0.0133	(0.0017)	(12.8)
18 T & D LOSSES	8,801,519	6,127,599	2,673,920	43.6	(232,136)	(181,101)	(51,035)	28.2	0.2759	0.2015	0.0744	36.9
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	142,333,115	122,714,024	19,619,091	16.0	3,189,945	3,040,924	149,021	4.9	4.4619	4.0354	0.4265	10.6
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,167,132)	(711,741)	(455,390)	64.0	(25,999)	(17,706)	(8,293)	46.8	4.4891	4.0198	0.4693	11.7
21 JURISDICTIONAL KWH SALES	141,165,983	122,002,282	19,163,701	15.7	3,163,946	3,023,218	140,728	4.7	4.4617	4.0355	0.4262	10.6
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	141,324,089	122,051,083	19,273,006	15.8	3,163,946	3,023,218	140,728	4.7	4.4667	4.0371	0.4296	10.6
23 PRIOR PERIOD TRUE-UP	2,184,805	2,184,805	0	0.0	3,163,946	3,023,218	140,728	4.7	0.0691	0.0723	(0.0032)	(4.4)
24 TOTAL JURISDICTIONAL FUEL COST	143,508,895	124,235,888	19,273,006	15.5	3,163,946	3,023,218	140,728	4.7	4.5358	4.1094	0.4264	10.4
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.5391	4.1124	0.4267	10.4
27 GPIF	187,952	187,952			3,163,946	3,023,218			0.0059	0.0062	(0.0003)	(4.8)
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.545	4.119	0.426	10.4

\*Line 11a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
YEAR TO DATE - MAY 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)	490,978,588	459,474,127	31,504,461	6.9	13,661,658	14,054,679	(393,020)	(2.8)	3.5938	3.2692	0.3246	9.9
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	(514,554)	0	(514,554)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 TOTAL COST OF GENERATED POWER	490,421,731	459,474,127	30,947,604	6.7	13,661,658	14,054,679	(393,020)	(2.8)	3.5898	3.2692	0.3206	9.8
5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	47,860,914	17,640,949	30,219,965	171.3	1,009,087	406,023	603,064	148.5	4.7430	4.3448	0.3982	9.2
6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	27,209	0	27,209	0.0	1,044	0	1,044	0.0	2.6062	0.0000	2.6062	0.0
7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	5,161,215	1,685,473	3,475,742	206.2	140,151	38,243	101,908	266.5	3.6826	4.4072	(0.7246)	(16.4)
8 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	58,366,209	58,328,695	37,514	0.1	1,307,420	1,388,131	(80,712)	(5.8)	4.4642	4.2020	0.2622	6.2
9 TOTAL COST OF PURCHASED POWER	111,415,546	77,655,117	33,760,429	43.5	2,457,702	1,832,398	625,304	34.1	4.5333	4.2379	0.2954	7.0
10 TOTAL AVAILABLE MWH					16,119,360	15,887,076	232,284	1.5				
11 FUEL COST OF OTHER POWER SALES (SCH A6)	(994,529)	(1,251,983)	257,454	(20.6)	(25,484)	(40,662)	15,178	(37.3)	3.9026	3.0790	0.8236	26.8
11a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(300,575)	(304,745)	4,170	(1.4)	(25,484)	(40,662)	15,178	(37.3)	1.1795	0.7495	0.4300	57.4
11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12 FUEL COST OF STRATIFIED SALES	(11,335,854)	(8,848,965)	(2,486,889)	28.1	(666,458)	(356,232)	(310,226)	87.1	1.7009	2.4840	(0.7831)	(31.5)
13 TOTAL FUEL COST AND GAINS ON POWER SALES	(12,630,958)	(10,405,693)	(2,225,265)	21.4	(691,942)	(396,894)	(295,048)	74.3	1.8254	2.6218	(0.7964)	(30.4)
14 NET INADVERTENT AND WHEELED INTERCHANGE					79,650	0	79,650					
15 TOTAL FUEL AND NET POWER TRANSACTIONS	589,206,319	526,723,551	62,482,769	11.9	15,507,068	15,490,182	16,886	0.1	3.7996	3.4004	0.3992	11.7
16 NET UNBILLED	24,689,105	8,558,024	16,131,081	188.5	(649,782)	(256,391)	(393,391)	153.4	0.1769	0.0594	0.1175	197.8
17 COMPANY USE	1,876,671	2,141,567	(264,896)	(12.4)	(49,391)	(62,928)	13,536	(21.5)	0.0134	0.0149	(0.0015)	(10.1)
18 T & D LOSSES	32,413,199	26,284,414	6,128,785	23.3	(853,069)	(772,988)	(80,081)	10.4	0.2323	0.1826	0.0497	27.2
19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	589,206,319	526,723,551	62,482,769	11.9	13,954,826	14,397,875	(443,049)	(3.1)	4.2222	3.6583	0.5639	15.4
20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(4,328,859)	(2,701,302)	(1,627,557)	60.3	(101,152)	(74,044)	(27,108)	36.6	4.2796	3.6482	0.6314	17.3
21 JURISDICTIONAL KWH SALES	584,877,460	524,022,249	60,855,211	11.6	13,853,674	14,323,831	(470,157)	(3.3)	4.2218	3.6584	0.5634	15.4
22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112	585,452,016	524,231,858	61,220,158	11.7	13,853,674	14,323,831	(470,157)	(3.3)	4.2260	3.6599	0.5661	15.5
23 PRIOR PERIOD TRUE-UP	10,924,026	10,924,025	1	0.0	13,853,674	14,323,831	(470,157)	(3.3)	0.0789	0.0763	0.0026	3.4
24 TOTAL JURISDICTIONAL FUEL COST	596,376,042	535,155,883	61,220,160	11.4	13,853,674	14,323,831	(470,157)	(3.3)	4.3049	3.7362	0.5687	15.2
25 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26 FUEL COST ADJUSTED FOR TAXES									4.3080	3.7389	0.5691	15.2
27 GPIF	939,759	939,760			13,853,674	14,323,831			0.0068	0.0066	0.0002	97.1
28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.315	3.746	0.569	15.2

\*Line 11a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
MAY 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	\$117,216,767	107,291,793	\$9,924,974	9.3	\$490,978,588	\$459,474,127	\$31,504,461	6.9
1a. COAL CAR SALE	-	0	0	0.0	(42,303)	0	(42,303)	0.0
2 . FUEL COST OF POWER SOLD	(722,164)	(244,693)	(477,471)	195.1	(994,529)	(1,251,983)	257,454	(20.6)
2a. GAIN ON POWER SALES	(254,671)	(59,560)	(195,111)	327.6	(300,575)	(304,745)	4,170	(1.4)
3 . FUEL COST OF PURCHASED POWER	16,766,208	5,717,238	11,048,970	193.3	47,860,914	17,640,949	30,219,965	171.3
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	13,530,431	12,066,147	1,464,284	12.1	58,366,209	58,328,695	37,514	0.1
4 . ENERGY COST OF ECONOMY PURCHASES	396,680	320,118	76,562	23.9	5,188,423	1,685,473	3,502,950	207.8
5 . TOTAL FUEL & NET POWER TRANSACTIONS	146,933,251	125,091,043	21,842,208	17.5	601,056,728	535,572,516	65,484,212	12.2
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(4,600,856)	(2,377,019)	(2,223,837)	93.6	(11,335,854)	(8,848,965)	(2,486,889)	28.1
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	720	0	720	0.0	(514,554)	0	(514,554)	0.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$142,333,115	\$122,714,024	\$19,619,091	16.0	\$589,206,319	\$526,723,551	\$62,482,769	11.9

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)	820	0	820	3,640	0	3,640	0
N/A - Not used	0	0	0	0	0	0	0
TANK BOTTOM ADJUSTMENT	(100)	0	(100)	(574,531)	0	(574,531)	0
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	0
N/A - Not used	0	0	0	0	0	0	0
N/A - Not used	0	0	0	0	0	0	0
Gain/Loss on Disposition of Oil	0	0	0	0	0	0	0
N/A - Not used	0	0	0	0	0	0	0
NET METER SETTLEMENT	0	0	0	56,336	0	56,336	0
N/A - Not used	0	0	0	0	0	0	0
Derivative Collateral Interest	0	0	0	0	0	0	0
N/A - Not used	0	0	0	0	0	0	0
SUBTOTAL LINE 6b SHOWN ABOVE	\$720	\$0	\$720	(\$514,554)	\$0	(\$514,554)	

B. KWH SALES								
1 . JURISDICTIONAL SALES	3,163,945,579	3,023,217,831	140,727,748	4.7	13,853,674,622	14,323,830,891	(470,156,269)	(3.3)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	25,999,055	17,706,000	8,293,055	46.8	101,151,782	74,044,000	27,107,782	36.6
3 . TOTAL SALES	3,189,944,634	3,040,923,831	149,020,803	4.9	13,954,826,404	14,397,874,891	(443,048,487)	(3.1)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.18	99.42	(0.24)	(0.2)	99.28	99.49	(0.21)	(0.2)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$115,189,445	\$110,648,708	\$4,540,737	4.1	\$496,832,998	\$524,247,169	(\$27,414,171)	(5.2)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. TRUE UP PROVISION	(2,184,805)	(2,184,805)	(0)	0.0	(10,924,026)	(10,924,025)	(1)	0.0
2b. INCENTIVE PROVISION	(187,952)	(187,952)	0	0.0	(939,759)	(939,760)	1	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	112,816,688	108,275,951	4,540,737	4.2	484,969,213	512,383,384	(27,414,171)	(5.4)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	142,333,115	122,714,024	19,619,091	16.0	589,206,319	526,723,551	62,482,769	11.9
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.18	99.42	(0.24)	(0.2)	0.00	99.49	(99.49)	(100.0)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00112 LOSS MULTIPLIER)	141,324,089	122,051,083	19,273,006	15.8	585,452,016	524,231,858	61,220,158	11.7
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(28,507,401)	(13,775,132)	(14,732,269)	107.0	(100,482,803)	(11,848,474)	(88,634,329)	748.1
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(121,356)	(6,611)	(114,745)	1,735.6	(421,339)	(26,081)	(395,258)	1,515.5
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(148,647,338)	(15,571,256)	(133,076,082)	854.6	(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	10,924,026	10,924,025	1	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(175,091,290)	(27,168,194)	(147,923,096)	544.5	(175,091,290)	(27,168,194)	(147,923,096)	544.5
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$175,091,290)	(27,168,194)	(147,923,096)	544.5	(\$175,091,290)	(27,168,194)	(147,923,096)	544.5
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$148,647,338)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(174,969,933)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(323,617,271)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(161,808,636)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.860	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.950	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	1.810	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.905	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.075	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$121,356)	N/A	--	--				



# A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 5/1/2017 to 5/1/2017  
Run Date: 6/16/2017 10:07:07AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	1,387,460	364,984	1,022,476	280.1%
3 - COAL	35,072,730	28,929,952	6,142,778	21.2%
4 - GAS	80,756,577	77,996,857	2,759,720	3.5%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
<b>8 - TOTAL (\$)</b>	<b>117,216,767</b>	<b>107,291,793</b>	<b>9,924,974</b>	<b>9.3%</b>
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	6,360	6	6,354	105,902.7%
11 - COAL	974,963	916,894	58,069	6.3%
12 - GAS	2,358,623	2,373,869	(15,246)	(0.6%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	1,372	3,617	(2,245.00)	(62.1)%
15	0	0	0	0.0%
<b>16 - TOTAL (MWH)</b>	<b>3,341,318</b>	<b>3,294,386</b>	<b>46,932</b>	<b>1.4%</b>
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	13,708	2,576	11,132	432.1%
19 - COAL (TON)	437,226	426,658	10,568	2.5%
20 - GAS (MCF)	18,162,266	18,151,858	10,408	0.1%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	78,901	15,003	63,898	425.9%
26 - COAL	9,914,041	9,715,706	198,335	2.0%
27 - GAS	18,563,594	18,151,858	411,736	2.3%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
<b>31 - TOTAL (MILLION BTU)</b>	<b>28,556,537</b>	<b>27,882,567</b>	<b>673,970</b>	<b>2.4%</b>

# A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 5/1/2017 to 5/1/2017  
Run Date: 6/16/2017 10:07:07AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.00	0.2	104413.8%
34 - COAL	29.2	27.83	1.3	4.8%
35 - GAS	70.6	72.06	(1.5)	(2.0%)
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.04	0.11	(0.07)	(62.60)%
38	0.0	0.00	0.0	0.0%
<hr/> 39 - TOTAL (% MWH)	<hr/> 100.0	<hr/> 99.9	<hr/> 0.1	<hr/> 0.1%
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	101.22	141.69	(40.47)	(28.6%)
42 - COAL (\$/TON)	80.22	67.81	12.41	18.3%
43 - GAS (\$/MCF)	4.45	4.30	0.15	3.5%
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	17.58	24.33	(6.74)	(27.7%)
49 - COAL	3.54	2.98	0.56	18.8%
50 - GAS	4.35	4.30	0.05	1.2%
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
<hr/> 54 - SYSTEM (\$/MBTU)	<hr/> 4.10	<hr/> 3.85	<hr/> 0.26	<hr/> 6.7%
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,406	2,500,500	(2,488,094)	(99.5%)
57 - COAL	10,169	10,596	(428)	(4.0%)
58 - GAS	7,871	7,647	224	2.9%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/> 62 - SYSTEM (BTU/KWH)	<hr/> 8,546	<hr/> 8,464	<hr/> 83	<hr/> 1.0%



# A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

FINAL

Report Period: 5/1/2017 to 5/1/2017  
Run Date: 6/16/2017 10:07:07AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b><u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u></b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	21.81	6,083.07	(6,061.25)	(99.6%)
65 - COAL	3.60	3.16	0.44	14.0%
66 - GAS	3.42	3.29	0.14	4.2%
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%
<b>70 - SYSTEM (CENTS/KWH)</b>	<b>3.51</b>	<b>3.26</b>	<b>0.25</b>	<b>7.7%</b>

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 5/1/2017 to 5/1/2017  
Run Date: 6/16/2017 1:34:10PM

(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 (\$)
<b>Nuclear</b>													
<b>Crystal River 3</b>													
TOTAL UNIT 3			0.00			0				0	0	0.000	
<b>TOTAL Nuclear:</b>	0	0.00				0				0	0	0.000	
<b>Solar</b>													
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	425.00	15			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	947.00	25			0				0	0	0.000	
<b>TOTAL Solar:</b>	9	1,372.00				0				0	0	0.000	
<b>Steam</b>													
<b>Anclote</b>													
TOTAL UNIT 1		167,712.00					Gas	1,792,321	1.024	1,835,337	8,420,118	5.021	4.698
	524	167,712.00	43			10,943				1,835,337	8,420,118	5.021	
TOTAL UNIT 2		155,995.00					Gas	1,645,400	1.024	1,684,890	7,729,900	4.955	4.698
	524	155,995.00	40			10,801				1,684,890	7,729,900	4.955	
<b>Bartow</b>													
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	
<b>Crystal River 1 &amp; 2</b>													
TOTAL UNIT 1		71,302.00					Coal	35,854	22.522	807,504	3,450,591	4.839	96.240
		0.00					No 2	1,278	5.767	7,371	99,497	0.000	77.854
	372	71,302.00	26			11,428				814,874	3,550,088	4.979	
		79,103.00					Coal	42,032	22.522	946,645	4,045,162	5.114	96.240
TOTAL UNIT 2		0.00					No 2	1,426	5.767	8,224	111,019	0.000	77.854
	503	79,103.00	21			12,071				954,869	4,156,182	5.254	

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 5/1/2017 to 5/1/2017  
Run Date: 6/16/2017 1:34:10PM

(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 (\$)
<b>Steam</b>													
<b>Crystal River 4 &amp; 5</b>													
		404,965.00					Coal	178,696	22.708	4,057,829	13,713,740	3.386	76.743
		0.00					No 2	1,293	5.751	7,435	100,697	0.000	77.878
TOTAL UNIT 4	721	404,965.00	75			10,039				4,065,264	13,814,437	3.411	
		422,498.00					Coal	180,644	22.708	4,102,064	13,863,236	3.281	76.743
		0.00					No 2	1,418	5.751	8,154	110,432	0.000	77.878
TOTAL UNIT 5	721	422,498.00	79			9,728				4,110,218	13,973,668	3.307	
<b>Suwannee Plant</b>													
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	
<b>TOTAL Steam:</b>	3,365	1,301,575.00				10,346				13,465,452	51,644,393	3.968	

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 5/1/2017 to 5/1/2017  
Run Date: 6/16/2017 1:34:10PM

(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 (\$)
<b>Gas Turbine</b>													
<b>Avon Park Peaker</b>													
		19.90					No 2	66	5.816	384	6,259	31.453	94.835
		0.00					Gas	0	0.000	0	40	76,370,432.783	0.000
TOTAL APP	25	19.90	0			19,290				384	6,299	31.652	
<b>Bartow Combined Cycle</b>													
		686,378.00					Gas	5,114,143	1.021	5,221,540	22,109,238	3.221	4.323
TOTAL BCC	1,120	686,378.00	82			7,607				5,221,540	22,109,238	3.221	
<b>Bartow Peaker</b>													
		430.74					No 2	1,197	5.712	6,837	126,559	29.381	105.730
		1,813.26					Gas	28,135	1.023	28,782	132,124	7.287	4.696
TOTAL BAP	207	2,244.00	1			15,873				35,619	258,683	11.528	
<b>Bayboro Peaker</b>													
		1,043.40					No 2	2,296	5.712	13,115	332,397	31.857	144.772
TOTAL BYP	162	1,043.40	1			12,569				13,115	332,397	31.857	
<b>Debary Peaker</b>													
		943.38					No 2	2,279	5.770	13,149	266,353	28.234	116.873
		19,328.62					Gas	262,840	1.025	269,411	1,237,015	6.400	4.706
TOTAL DEP	511	20,272.00	5			13,938				282,560	1,503,368	7.416	
<b>Higgins Peaker</b>													
		2,229.00					Gas	36,026	1.024	36,891	169,290	7.595	4.699
TOTAL HGP	71	2,229.00	4			16,550				36,891	169,290	7.595	
<b>Hines Energy</b>													
		1,097,526.00					Gas	7,262,477	1.022	7,422,251	32,219,501	2.936	4.436
TOTAL HEP	2,199	1,097,526.00	67			6,763				7,422,251	32,219,501	2.936	
<b>Intercession City Peaker</b>													
		1,060.03					No 2	2,453	5.802	14,231	234,248	22.098	95.495
		39,372.23					Gas	517,720	1.021	528,592	2,238,502	5.685	4.324
TOTAL ICP	1,188	40,432.26	5			13,426				542,824	2,472,751	6.116	
<b>Suwannee Peaker</b>													
		3,216.00					Gas	45,955	1.024	47,058	216,062	6.718	4.702
TOTAL SRP	67	3,216.00	6			14,632				47,058	216,062	6.718	
<b>Tiger Bay Cogen</b>													
		149,255.00					Gas	1,126,698	1.021	1,150,359	4,869,163	3.262	4.322
TOTAL TBP	231	149,255.00	87			7,707				1,150,359	4,869,163	3.262	

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 5/1/2017 to 5/1/2017  
Run Date: 6/16/2017 1:34:10PM

(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 (\$)
<b>Gas Turbine</b>													
<b>Univ of Florida Cogen</b>		0.00					No 2	0	0.000	0	0	0.000	0.000
		35,755.60					Gas	330,551	1.024	338,484	1,415,623	3.959	4.283
TOTAL UFP													
	48	35,755.60	100			9,467				338,484	1,415,623	3.959	
<b>TOTAL Gas Turbine:</b>													
	5,829	2,038,371.16				7,404				15,091,085	65,572,374	3.217	
<b>SYSTEM TOTAL:</b>	9,203	3,341,318.16				8,546				28,556,537	117,216,767	3.508	

# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 5/1/2017 to 5/1/2017  
Run Date: 6/5/2017 11:53:36AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	5,125	2,576	2,549	99.0%
20 - UNIT COST (\$/BBL)	116.77	141.69	(24.92)	(17.6%)
21 - AMOUNT (\$)	598,453	364,984	233,469	64.0%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	13,708	2,576	11,132	432.1%
24 - UNIT COST (\$/BBL)	101.22	141.69	(40.47)	(28.6%)
25 - AMOUNT (\$)	1,387,460	364,984	1,022,476	280.1%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	1			
28 - AMOUNT (\$)	100			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	912,741	947,635	(34,894)	(3.7%)
31 - UNIT COST (\$/BBL)	111.06	109.83	1.23	1.1%
32 - AMOUNT (\$)	101,368,597	104,075,698	(2,707,101)	(2.6%)
33 -				
34 - DAYS SUPPLY	2,064	11,036	(8,972)	(81.3%)

# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 5/1/2017 to 5/1/2017

Run Date: 6/5/2017 11:53:36AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	427,052	426,658	394	0.1%
37 - UNIT COST (\$/TON)	77.39	67.81	9.58	14.1%
38 - AMOUNT (\$)	33,047,581	28,929,952	4,117,629	14.2%
<b>39 - BURNED</b>				
40 - UNITS (TON)	437,226	426,658	10,568	2.5%
41 - UNIT COST (\$/TON)	80.22	67.81	12.41	18.3%
42 - AMOUNT (\$)	35,072,730	28,929,952	6,142,778	21.2%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	799,903	882,732	(82,829)	(9.4%)
48 - UNIT COST (\$/TON)	80.37	67.81	12.56	18.5%
49 - AMOUNT (\$)	64,286,659	59,854,526	4,432,133	7.4%
50 -				
51 - DAYS SUPPLY	57	62	(5)	(8.6%)
<b>OTHER</b>				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				



# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 5/1/2017 to 5/1/2017

Run Date: 6/5/2017 11:53:36AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GAS</b>				
<b>66 - BURNED</b>				
67 - UNITS (MCF)	18,162,266	18,151,858	10,408	0.1%
68 - UNIT COST (\$/MCF)	4.45	4.30	0.15	3.5%
69 - AMOUNT (\$)	80,756,577	77,996,857	2,759,720	3.5%
<b>NUCLEAR</b>				
<b>70 - BURNED</b>				
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  
May 2017**

<b>HEAVY OIL</b>		
UNITS	AMOUNT	ADJUSTMENT EXPLANATION
0	\$0.00	TOTAL

<b>LIGHT OIL</b>		ADJUSTMENT EXPLANATION
UNITS	AMOUNT	
1	\$99.59	Tank Bottom Adjustment
1	\$99.59	TOTAL

<b>COAL</b>		ADJUSTMENT EXPLANATION
UNITS	AMOUNT	
0	\$0.00	TOTAL

# A-3 Generating System Comparative Data Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 5/1/2017

Run Date: 6/16/2017 10:09:02AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	4,171,286	1,669,644	2,501,642	149.8%
3 - COAL	148,443,015	128,394,226	20,048,789	15.6%
4 - GAS	338,364,287	329,410,257	8,954,030	2.7%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
<b>8 - TOTAL (\$)</b>	<b>490,978,588</b>	<b>459,474,127</b>	<b>31,504,461</b>	<b>6.9%</b>
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	20,719	361	20,358	5,639.4%
11 - COAL	4,099,765	4,142,410	(42,645)	(1.0%)
12 - GAS	9,534,323	9,900,361	(366,038)	(3.7%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	6,852	11,547	(4,695.00)	(40.7)%
15	0	0	0	0.0%
<b>16 - TOTAL (MWH)</b>	<b>13,661,659</b>	<b>14,054,679</b>	<b>(393,020)</b>	<b>(2.8%)</b>
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	43,024	10,567	32,457	307.2%
19 - COAL (TON)	1,848,730	1,884,991	(36,261)	(1.9%)
20 - GAS (MCF)	72,679,773	74,550,086	(1,870,313)	(2.5%)
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	247,704	61,556	186,148	302.4%
26 - COAL	41,319,932	42,816,969	(1,497,037)	(3.5%)
27 - GAS	74,296,789	74,550,086	(253,297)	(0.3%)
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
<b>31 - TOTAL (MILLION BTU)</b>	<b>115,864,426</b>	<b>117,428,611</b>	<b>(1,564,185)</b>	<b>(1.3%)</b>

# A-3 Generating System Comparative Data Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 5/1/2017  
Run Date: 6/16/2017 10:09:02AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.00	0.1	5804.5%
34 - COAL	30.0	29.47	0.5	1.8%
35 - GAS	69.8	70.44	(0.7)	(0.9%)
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.05	0.08	(0.03)	(38.95)%
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%
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	96.95	158.01	(61.05)	(38.6%)
42 - COAL (\$/TON)	80.29	68.11	12.18	17.9%
43 - GAS (\$/MCF)	4.66	4.42	0.24	5.4%
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%
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	16.84	27.12	(10.28)	(37.9%)
49 - COAL	3.59	3.00	0.59	19.8%
50 - GAS	4.55	4.42	0.14	3.1%
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)	4.24	3.91	0.32	8.3%
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	11,955	170,515	(158,560)	(93.0%)
57 - COAL	10,079	10,336	(258)	(2.5%)
58 - GAS	7,793	7,530	263	3.5%
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)	8,481	8,355	126	1.5%

# A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 5/1/2017  
Run Date: 6/16/2017 10:09:02AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b><u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u></b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	20.13	462.51	(442.37)	(95.6%)
65 - COAL	3.62	3.10	0.52	16.8%
66 - GAS	3.55	3.33	0.22	6.7%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.59</u>	<u>3.27</u>	<u>0.32</u>	<u>9.9%</u>

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 5/1/2017  
Run Date: 6/16/2017 1:38:29PM

(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 (\$)
<b>Nuclear</b>													
<b>Crystal River 3</b>													
TOTAL UNIT 3			0.00			0				0	0	0.000	
<b>TOTAL Nuclear:</b>	0	0.00				0				0	0	0.000	
<b>Solar</b>													
<b>Osceola Solar Facility 1</b>													
TOTAL UNIT 1	4	2,653.00	19			0				0	0	0.000	
<b>Perry Solar Facility 1</b>													
TOTAL UNIT 1	5	4,199.00	23			0				0	0	0.000	
<b>TOTAL Solar:</b>	9	6,852.00				0				0	0	0.000	
<b>Steam</b>													
<b>Anclote</b>													
TOTAL UNIT 1		239,887.00					Gas	2,612,308	1.024	2,674,894	13,145,238	5.480	5.032
	524	239,887.00	13			11,151				2,674,894	13,145,238	5.480	
TOTAL UNIT 2		577,974.00					Gas	6,185,852	1.024	6,332,655	31,197,390	5.398	5.043
	524	577,974.00	30			10,957				6,332,655	31,197,390	5.398	
<b>Bartow</b>													
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	
<b>Crystal River 1 &amp; 2</b>													
		211,492.00					Coal	101,400	22.591	2,290,740	9,898,991	4.681	97.623
		0.00					No 2	2,167	5.763	12,488	173,755	0.000	80.182
TOTAL UNIT 1	372	211,492.00	16			10,890				2,303,228	10,072,746	4.763	
		302,285.00					Coal	154,024	22.578	3,477,556	15,024,358	4.970	97.546
		0.00					No 2	4,641	5.757	26,720	388,008	0.000	83.604
TOTAL UNIT 2	503	302,285.00	17			11,593				3,504,276	15,412,366	5.099	

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 5/1/2017  
Run Date: 6/16/2017 1:38:29PM

(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 (\$)
<b>Steam</b>													
<b>Crystal River 4 &amp; 5</b>													
		1,846,513.00					Coal	824,080	22.310	18,384,987	63,921,513	3.462	77.567
		0.00					No 2	7,851	5.743	45,086	669,405	0.000	85.264
TOTAL UNIT 4	721	1,846,513.00	71			9,981				18,430,074	64,590,917	3.498	
		1,752,093.00					Coal	769,226	22.317	17,166,649	59,598,154	3.402	77.478
		0.00					No 2	8,093	5.740	46,454	680,306	0.000	84.061
TOTAL UNIT 5	721	1,752,093.00	67			9,824				17,213,103	60,278,460	3.440	
<b>Suwannee Plant</b>													
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	
<b>TOTAL Steam:</b>	3,365	4,930,244.00				10,234				50,458,229	194,697,117	3.949	



# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 5/1/2017  
Run Date: 6/16/2017 1:38:29PM

(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 (\$)
<b>Gas Turbine</b>													
<b>Avon Park Peaker</b>													
		87.91					No 2	272	5.816	1,582	25,795	29.343	94.835
		390.59					Gas	6,869	1.023	7,029	35,283	9.033	5.137
TOTAL APP										8,611	61,078	12.764	
	50	478.50	0			17,996							
<b>Bartow Combined Cycle</b>													
		2,388,216.00					Gas	19,598,599	1.022	20,023,333	88,066,653	3.688	4.494
TOTAL BCC										20,023,333	88,066,653	3.688	
	1,120	2,388,216.00	59			8,384							
<b>Bartow Peaker</b>													
		428.39					No 2	1,197	5.712	6,837	126,559	29.543	105.730
		3,623.61					Gas	56,530	1.023	57,834	269,592	7.440	4.769
TOTAL BAP													
	196	4,052.00	1			15,960				64,671	396,150	9.777	
<b>Bayboro Peaker</b>													
		1,201.20					No 2	2,820	5.712	16,108	408,258	33.987	144.772
TOTAL BYP													
	217	1,201.20	0			13,410				16,108	408,258	33.987	
<b>Debary Peaker</b>													
		3,373.86					No 2	8,073	5.764	46,532	943,419	27.963	116.861
		49,655.14					Gas	668,646	1.024	684,839	3,223,131	6.491	4.820
TOTAL DEP													
	701	53,029.00	2			13,792				731,371	4,166,550	7.857	
<b>Higgins Peaker</b>													
		3,776.60					Gas	61,058	1.024	62,500	288,937	7.651	4.732
TOTAL HGP													
	121	3,776.60	1			16,549				62,500	288,937	7.651	
<b>Hines Energy</b>													
		5,200,015.00					Gas	34,654,158	1.022	35,423,611	161,830,684	3.112	4.670
TOTAL HEP													
	2,199	5,200,015.00	65			6,812				35,423,611	161,830,684	3.112	
<b>Intercession City Peaker</b>													
		3,369.76					No 2	7,732	5.803	44,868	738,096	21.904	95.460
		83,860.36					Gas	1,093,220	1.021	1,116,596	4,768,712	5.686	4.362
TOTAL ICP													
	1,188	87,230.12	2			13,315				1,161,464	5,506,809	6.313	
<b>Osprey</b>													
		135,967.00					Gas	946,992	1.021	967,038	4,420,137	3.251	4.668
TOTAL OSP													
	531	135,967.00	7			7,112				967,038	4,420,137	3.251	
<b>Suwannee Peaker</b>													
		49.91					No 2	125	5.817	727	11,496	23.034	91.968
		9,160.39					Gas	130,376	1.024	133,462	658,076	7.184	5.048
TOTAL SRP													
	200	9,210.30	1			14,569				134,189	669,572	7.270	

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 5/1/2017  
Run Date: 6/16/2017 1:38:29PM

(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 (\$)
<b>Gas Turbine</b>													
<b>Tiger Bay Cogen</b>													
TOTAL TBP		682,086.00					Gas	5,136,741	1.022	5,247,588	23,217,735	3.404	4.520
	231	682,086.00	81			7,693				5,247,588	23,217,735	3.404	
<b>Univ of Florida Cogen</b>													
TOTAL UFP		30.70					No 2	52	5.803	302	6,190	20.163	119.042
		159,271.70					Gas	1,528,424	1.024	1,565,412	7,242,719	4.547	4.739
	48	159,302.40	92			9,829				1,565,713	7,248,909	4.550	
<b>TOTAL Gas Turbine:</b>													
	6,802	8,724,564.12				7,497				65,406,197	296,281,472	3.396	
<b>SYSTEM TOTAL:</b>													
	10,176	13,661,660.12				8,481				115,864,426	490,978,588	3.594	

# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 5/1/2017  
Run Date: 6/8/2017 10:47:07AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	20,774	9,262	11,512	124.3%
20 - UNIT COST (\$/BBL)	139.60	149.72	(10.12)	(8.4%)
21 - AMOUNT (\$)	2,900,019	1,386,701	1,513,318	109.1%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	43,024	9,262	33,762	364.5%
24 - UNIT COST (\$/BBL)	96.95	149.72	(52.77)	(35.2%)
25 - AMOUNT (\$)	4,171,286	1,386,701	2,784,585	200.8%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	4,468			
28 - AMOUNT (\$)	574,531			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	912,741	947,635	(34,894)	(3.7%)
31 - UNIT COST (\$/BBL)	111.06	109.83	1.23	1.1%
32 - AMOUNT (\$)	101,368,597	104,075,698	(2,707,101)	(2.6%)
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 5/1/2017  
Run Date: 6/8/2017 10:47:07AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	1,836,068	1,489,889	346,179	23.2%
37 - UNIT COST (\$/TON)	78.93	68.44	10.49	15.3%
38 - AMOUNT (\$)	144,914,966	101,963,310	42,951,656	42.1%
<b>39 - BURNED</b>				
40 - UNITS (TON)	1,848,730	1,489,889	358,841	24.1%
41 - UNIT COST (\$/TON)	80.29	68.44	11.86	17.3%
42 - AMOUNT (\$)	148,443,015	101,963,310	46,479,705	45.6%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	799,903	882,732	(82,829)	(9.4%)
48 - UNIT COST (\$/TON)	80.37	67.81	12.56	18.5%
49 - AMOUNT (\$)	64,286,659	59,854,526	4,432,133	7.4%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
<b>OTHER</b>				
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

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 5/1/2017

Run Date: 6/8/2017 10:47:07AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GAS</b>				
<b>66 - BURNED</b>				
67 - UNITS (MCF)	72,679,773	61,282,801	11,396,972	18.6%
68 - UNIT COST (\$/MCF)	4.66	4.38	0.28	6.4%
69 - AMOUNT (\$)	338,364,287	268,252,088	70,112,199	26.1%
<b>NUCLEAR</b>				
<b>70 - BURNED</b>				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

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

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
		Total KWH Sold	KWH Wheeled from Other Systems	KWH from Own Generation	Fuel Cost	Total Cost	Fuel Adj Total	Total Cost	Gain on Sales
Sold To	Type & Schedule	(000)	(000)	(000)	C/KWH	C/KWH	\$	\$	\$
ESTIMATED		7,349		7,349	3.329	4.140	244,693.00	304,253.00	59,560.00
ACTUAL									
Florida Municipal Power Agency	CR-1	2950		2950	4.356	6.570	128514.50	193824.00	65309.50
New Smyrna Beach	CR-1	10		10	3.156	4.873	315.60	487.30	171.70
Seminole Electric Cooperative Inc.	CR-1	800		800	3.687	6.756	29496.00	54048.00	24552.00
Tallahassee (City of)	CR-1	35		35	3.728	8.772	1304.80	3070.20	1765.40
Tallahassee (City of)	Schedule A	263		263	8.777	10.500	23082.58	27615.00	4532.42
Tampa Electric Company	CR-1	10166		10166	4.856	6.225	493654.98	632858.98	139204.00
The Energy Authority	Schedule OS	1090		1090	4.201	5.957	45795.15	64931.35	19136.20
Subtotal - Gain on Other Power Sales		15,314		15,314	4.716	6.379	722,163.61	976,834.83	254,671.22
CURRENT MONTH TOTAL		15,314		15,314	4.716	6.379	722,163.61	976,834.83	254,671.22
DIFFERENCE		7,965		7,965	1.387	2.239	477,470.61	672,581.83	195,111.22
DIFFERENCE %		108		108	41.655	54.075	195.13	221.06	327.59
CUMULATIVE ACTUAL		25,484		25,484	3.903	5.082	994,528.77	1,295,103.39	300,574.62
CUMULATIVE ESTIMATED		40,662		40,662	3.079	3.828	1,251,983.00	1,556,728.00	304,745.00
DIFFERENCE		(15,178)		(15,178)	0.824	1.254	(257,454.23)	(261,624.61)	(4,170.38)
DIFFERENCE %		-37.327		-37.327	26.748	32.743	-20.564	-16.806	-1.368

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
May 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		145,048			145,048	3.942	3.942	5,717,238.00	5,717,238.00
ACTUAL									
Shady Hills Power Company, L.L.C.	TOLL	76,981			76,981	6.290	6.290	4,841,323.03	4,841,323.03
Southern Company Services, Inc.	Scherer	-			-	-	-	-	-
Southern Power Company	Franklin	127,052			127,052	3.370	3.370	4,280,802.28	4,280,802.28
Vandolah Power Company L.L.C.	TOLL	126,196			126,196	5.910	5.910	7,462,274.89	7,462,274.89
ADJUSTMENTS									
Shady Hills Power Company, L.L.C.	TOLL	145			145	(5.437)	(5.437)	(6,355.40)	(6,355.40)
Southern Company Services, Inc.	Scherer	-			-	-	-	-	-
Southern Power Company	Franklin	-			-	-	-	(3,082.78)	(3,082.78)
Vandolah Power Company L.L.C.	TOLL	3,932			3,932	4.660	4.784	191,245.51	191,245.51
CURRENT MONTH TOTAL		334,306			334,306	5.015	5.015	16,766,207.53	16,766,207.53
DIFFERENCE		189,258			189,258	1.073	1.073	11,048,969.53	11,048,969.53
DIFFERENCE %		130			130.480	27.225	27.225	193.257	193.257
CUMULATIVE ACTUAL		1,009,087			1,009,087	4.743	4.743	47,860,913.61	47,860,913.61
CUMULATIVE ESTIMATED		406,023			406,023	4.345	4.345	17,640,949.00	17,640,949.00
DIFFERENCE		603,064			603,064	0.398	0.398	30,219,964.61	30,219,964.61
DIFFERENCE %		149			148.530	9.164	9.164	171.306	171.306



DUKE ENERGY FLORIDA, LLC  
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES  
FOR THE MONTH OF:  
May 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		286,889	-	-	286,889	4.206	12.563	12,066,147.00
ACTUAL								
Citrus World (CITRUS)	CO-GEN	2			2	3.266	3.266	55.85
ADJ		(24)			(24)			(655.16)
Florida Power Development (FCRUSHAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Florida Power Development (FLACRUSH)	CO-GEN	30,457			30,457	7.640	7.640	2,326,913.83
ADJ		-			-			0.01
Lake County (LAKCOUNT)	CO-GEN	651			651	3.283	3.283	21,370.19
ADJ		-			-			2,678.72
Lee County (LEECOGAS)	CO-GEN	5,577			5,577	2.802	2.802	156,247.39
ADJ		-			-			3,404.00
Metro-Dade County (METRDADE)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Metro-Dade County (METRDDAS)	CO-GEN	9,575			9,575	3.261	3.261	312,222.76
ADJ		-			-			53,236.00
Orange Cogen (ORANGEAS)	CO-GEN	1,076			1,076	3.206	3.206	34,493.93
ADJ		-			-			3,398.99
Orange Cogen (ORANGEEO)	CO-GEN	38,949			38,949	4.232	4.232	1,648,321.68
ADJ		-			-			55,073.62
Orlando Cogen Limited (ORLACOGL)	CO-GEN	89,006			89,006	5.325	5.325	4,739,730.27
ADJ		-			-			16,543.80
Orlando Cogen Limited (ORLCOGAS)	CO-GEN	-			-	0.000	0.000	-
ADJ		-			-			-
Pasco County Resource Recovery (PASCOUNT)	CO-GEN	18,013			18,013	2.831	2.831	509,891.25
ADJ		-			-			20,150.61
PCS Phosphate (OCSWFCKR)	CO-GEN	2			2	2.980	2.980	70.92
ADJ		2			2			70.92
Pinellas County Resource Recovery (PINCOUNT)	CO-GEN	38,497			38,497	2.859	2.859	1,100,631.70
ADJ		-			-			29,237.79
Polk Power Partners, L.P. (MULBERRY)	CO-GEN	37,988			37,988	3.520	3.520	1,337,177.60
ADJ		-			-			11,692.99
Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	CO-GEN	20,736			20,736	5.434	5.434	1,126,794.24
ADJ		-			-			21,677.04
CURRENT MONTH TOTAL		290,508			290,508	4.66	4.66	13,530,430.93
DIFFERENCE		3,619			3,619	0.45	(7.905)	1,464,283.93
DIFFERENCE %		1.26			1.26	10.73	(169.74)	12.14
CUMULATIVE ACTUAL		1,307,420			1,307,420	4.464	4.464	58,366,208.98
CUMULATIVE ESTIMATED		1,388,131			1,388,131	4.202	4.202	58,328,695.00
CUMULATIVE DIFFERENCE		(80,711)			(80,711)	0.262	0.262	37,513.98
CUMULATIVE DIFFERENCE %		(6)			(6)	6.242	6.242	0.06

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A9

ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
FOR THE MONTH OF:  
May 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		6,766	4.732	320,118.00	5.028	340,188.00	20,070.00
ACTUAL:							
Florida Power & Light Company	Schedule C	50	2.689	1,344.50	3.529	1,764.50	420.00
Orlando Utilities Commission	Schedule C	50	2.667	1,333.44	3.293	1,646.61	313.17
Tampa Electric Company	Schedule C	50	2.747	1,373.50	3.500	1,750.00	376.50
SubTotal - Energy Purchases (Broker)		150	2.701	4,051.44	3.441	5,161.11	1,109.67
SEPA	Hydro	616	3.766	23,199.02	0.000	23,199.02	-
Duke Electric Transmission	Transmission Purchase	-	0.000	-	0.000	-	-
EDF Trading North America, LLC		88	2.700	2,376.00	3.410	3,000.80	624.80
Exelon Generation Company, LLC	InternationalSwapsDe	3,291	2.847	93,699.00	3.991	131,354.13	37,655.13
Florida Power & Light Company	Transmission Purchase			3,556.99			(3,556.99)
Florida Power & Light Company		2,915	4.379	127,640.00	6.851	199,699.20	72,059.20
Morgan Stanley Capital Group Inc.	EEI	170	2.600	4,420.00	3.453	5,870.10	1,450.10
Orlando Utilities Commission	Schedule OS	883	8.200	72,406.00	9.880	87,240.40	14,834.40
Orlando Utilities Commission	Transmission Purchase			102.00			(102.00)
Tallahassee (City of)	Schedule OS	885	1.497	13,245.00	2.038	18,035.00	4,790.00
Tampa Electric Company	EEI2	350	6.507	22,775.00	10.078	35,273.50	12,498.50
Tampa Electric Company	Transmission Purchase			131.98			(131.98)
The Energy Authority	EEI	1,724	3.003	51,772.00	4.066	70,098.35	18,326.35
ADJUSTMENTS							
Florida Power & Light				(463.32)			463.32
Jacksonville Electric Authority				4,267.71			(4,267.71)
Pennsylvania-New Jersey-Maryland Int.	MR1	-	0.000	1,834.12	0.000	-	(1,834.12)
Southern Company Services, Inc	Transmission Purchase	-	0.000	(535.34)	0.000	-	535.34
SEPA Adjustment		(558)		(21,952.19)			21,952.19
Duke Electric Transmission( reversing entry from last month)				(1,672.00)			1,672.00
Duke Electric Transmission (late entry)				(4,173.12)			4,173.12
SubTotal - Energy Purchases (Non-Broker)		10,364	3.788	392,628.85	5.536	573,770.50	181,141.65
CURRENT MONTH TOTAL		10,514	3.773	396,680.29	5.506	578,931.61	182,251.32
DIFFERENCE		3,748	(0.959)	76,562.29	0.478	238,743.61	162,181.32
DIFFERENCE %		55	-20.269	23.92	9.513	70.18	808.08
CUMULATIVE ACTUAL		141,195	3.675	5,188,423.43	5.086	7,180,832.36	1,992,408.93
CUMULATIVE ESTIMATED		38,243	4.407	1,685,473.00	4.702	1,798,375.00	112,902.00
DIFFERENCE		102,952.0	(0.7)	3,502,950.4	0.383	5,382,457.4	1,879,506.9
DIFFERENCE %		269	(16.623)	207.83	8.150	299.30	1,664.72



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