



DIANNE M. TRIPLETT
ASSOCIATE GENERAL COUNSEL

February 19, 2016

VIA ELECTRONIC FILING

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

Re: Docket No. 160001-EI

Dear Ms. Stauffer:

Enclosed 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 January 2016.

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions concerning this filing.

Sincerely,

A handwritten signature in blue ink that reads "Dianne M. Triplett".

Dianne M. Triplett
Associate General Counsel

DMT/db
Enclosures

cc: Parties of record

CERTIFICATE OF SERVICE

Docket No. 160001-EI

I HEREBY CERTIFY that a true copy of Duke Energy Florida, LLC's Schedules A1-A9 and A12 for the month of January 2016 have been furnished to the following individuals via e-mail on this 19th day of February, 2016.


Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JANUARY 2016

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	94,981,804	104,197,598	(9,215,794)	(8.8)	2,777,060	2,827,585	(50,525)	(1.8)	3.4202	3.6850	(0.2648)	(7.2)
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 INVESTMENT	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	(24,885)	(5,038,480)	5,013,595	(99.5)	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	94,956,919	99,159,118	(4,202,199)	(4.2)	2,777,060	2,827,585	(50,525)	(1.8)	3.4193	3.5068	(0.0875)	(2.5)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	4,937,035	4,828,500	108,535	2.3	138,196	103,690	34,506	33.3	3.5725	4.6567	(1.0842)	(23.3)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	4,114	0	4,114	0.0	192	0	192	0.0	2.1429	0.0000	2.1429	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	211,900	284,678	(72,778)	(25.6)	3,710	4,828	(1,118)	(23.2)	5.7116	5.8964	(0.1848)	(3.1)
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)	8,284,310	13,105,970	(4,821,660)	(36.8)	262,976	296,940	(33,964)	(11.4)	3.1502	4.4137	(1.2635)	(28.6)
12 TOTAL COST OF PURCHASED POWER	13,437,359	18,219,148	(4,781,789)	(26.3)	405,074	405,458	(384)	(0.1)	3.3173	4.4935	(1.1762)	(26.2)
13 TOTAL AVAILABLE MWH					3,182,133	3,233,043	(50,910)	(1.6)				
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)	(308,216)	(723,970)	415,754	(57.4)	(12,825)	(29,715)	16,890	(56.8)	2.4032	2.4364	(0.0332)	(1.4)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(120,066)	(162,536)	42,470	(26.1)	(12,825)	(29,715)	16,890	(56.8)	0.9362	0.5470	0.3892	71.2
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	(2,263,375)	(1,486,657)	(776,718)	52.3	(84,267)	(45,564)	(38,703)	84.9	2.6860	3.2628	(0.5768)	(17.7)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,691,656)	(2,373,163)	(318,493)	13.4	(97,092)	(75,279)	(21,813)	29.0	2.7723	3.1525	(0.3802)	(12.1)
19 NET INADVERTENT AND WHEELED INTERCHANGE					24,329	0	24,329					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	105,702,622	115,005,103	(9,302,481)	(8.1)	3,109,371	3,157,764	(48,393)	(1.5)	3.3995	3.6420	(0.2425)	(6.7)
21 NET UNBILLED	256,865	4,815,888	(4,559,023)	(94.7)	(7,556)	(132,233)	124,677	(94.3)	0.0092	0.1694	(0.1602)	(94.6)
22 COMPANY USE	532,053	437,037	95,016	21.7	(15,651)	(12,000)	(3,651)	30.4	0.0190	0.0154	0.0036	23.4
23 T & D LOSSES	9,618,370	6,227,092	3,391,278	54.5	(282,936)	(170,981)	(111,955)	65.5	0.3431	0.2191	0.1240	56.6
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	105,702,622	115,005,103	(9,302,481)	(8.1)	2,803,228	2,842,550	(39,323)	(1.4)	3.7707	4.0458	(0.2751)	(6.8)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,162,729)	(701,531)	(461,198)	65.7	(30,873)	(17,219)	(13,654)	79.3	3.7662	4.0742	(0.3080)	(7.6)
26 JURISDICTIONAL KWH SALES	104,539,893	114,303,572	(9,763,679)	(8.5)	2,772,355	2,825,331	(52,977)	(1.9)	3.7708	4.0457	(0.2749)	(6.8)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00052	104,594,254	114,363,010	(9,768,756)	(8.5)	2,772,355	2,825,331	(52,977)	(1.9)	3.7728	4.0478	(0.2750)	(6.8)
28 PRIOR PERIOD TRUE-UP	(6,560,919)	(6,560,919)	(0)	0.0	2,772,355	2,825,331	(52,977)	(1.9)	(0.2367)	(0.2322)	(0.0045)	1.9
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,772,355	2,825,331	(52,977)	(1.9)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,772,355	2,825,331	(52,977)	(1.9)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	98,033,334	107,802,091	(9,768,756)	(9.1)	2,772,355	2,825,331	(52,977)	(1.9)	3.5361	3.8156	(0.2795)	(7.3)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.5386	3.8183	(0.2797)	(7.3)
32 GPIF	(717,816)	(717,816)			2,772,355	2,825,331			(0.0259)	(0.0254)	(0.0005)	2.0
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.513	3.793	(0.280)	(7.4)

*Line 15a. MWH Data for Informational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - JANUARY 2016

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	94,981,804	104,197,598	(9,215,794)	(8.8)	2,777,060	2,827,585	(50,525)	(1.8)	3.4202	3.6850	(0.2648)	(7.2)
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 INVESTMENT	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	(24,885)	(5,038,480)	5,013,595	(99.5)	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	94,956,919	99,159,118	(4,202,199)	(4.2)	2,777,060	2,827,585	(50,525)	(1.8)	3.4193	3.5068	(0.0875)	(2.5)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	4,937,035	4,828,500	108,535	2.3	138,196	103,690	34,506	33.3	3.5725	4.6567	(1.0842)	(23.3)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	4,114	0	4,114	0.0	192	0	192	0.0	2.1429	0.0000	2.1429	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	211,900	284,678	(72,778)	(25.6)	3,710	4,828	(1,118)	(23.2)	5.7116	5.8964	(0.1848)	(3.1)
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)	8,284,310	13,105,970	(4,821,660)	(36.8)	262,976	296,940	(33,964)	(11.4)	3.1502	4.4137	(1.2635)	(28.6)
12 TOTAL COST OF PURCHASED POWER	13,437,359	18,219,148	(4,781,789)	(26.3)	405,074	405,458	(384)	(0.1)	3.3173	4.4935	(1.1762)	(26.2)
13 TOTAL AVAILABLE MWH					3,182,133	3,233,043	(50,910)	(1.6)				
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)	(308,216)	(723,970)	415,754	(57.4)	(12,825)	(29,715)	16,890	(56.8)	2.4032	2.4364	(0.0332)	(1.4)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(120,066)	(162,536)	42,470	(26.1)	(12,825)	(29,715)	16,890	(56.8)	0.9362	0.5470	0.3892	71.2
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	(2,263,375)	(1,486,657)	(776,718)	52.3	(84,267)	(45,564)	(38,703)	84.9	2.6860	3.2628	(0.5768)	(17.7)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,691,656)	(2,373,163)	(318,493)	13.4	(97,092)	(75,279)	(21,813)	29.0	2.7723	3.1525	(0.3802)	(12.1)
19 NET INADVERTENT AND WHEELED INTERCHANGE					24,329	0	24,329					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	105,702,622	115,005,103	(9,302,481)	(8.1)	3,109,371	3,157,764	(48,393)	(1.5)	3.3995	3.6420	(0.2425)	(6.7)
21 NET UNBILLED	256,865	4,815,888	(4,559,023)	(94.7)	(7,556)	(132,233)	124,677	(94.3)	0.0092	0.1694	(0.1602)	(94.6)
22 COMPANY USE	532,053	437,037	95,016	21.7	(15,651)	(12,000)	(3,651)	30.4	0.0190	0.0154	0.0036	23.4
23 T & D LOSSES	9,618,370	6,227,092	3,391,278	54.5	(282,936)	(170,981)	(111,955)	65.5	0.3431	0.2191	0.1240	56.6
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	105,702,622	115,005,103	(9,302,481)	(8.1)	2,803,228	2,842,550	(39,323)	(1.4)	3.7707	4.0458	(0.2751)	(6.8)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,162,729)	(701,531)	(461,198)	65.7	(30,873)	(17,219)	(13,654)	79.3	3.7662	4.0742	(0.3080)	(7.6)
26 JURISDICTIONAL KWH SALES	104,539,893	114,303,572	(9,763,679)	(8.5)	2,772,355	2,825,331	(52,977)	(1.9)	3.7708	4.0457	(0.2749)	(6.8)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00052	104,594,254	114,363,010	(9,768,756)	(8.5)	2,772,355	2,825,331	(52,977)	(1.9)	3.7728	4.0478	(0.2750)	(6.8)
28 PRIOR PERIOD TRUE-UP	(6,560,919)	(6,560,919)	(0)	0.0	2,772,355	2,825,331	(52,977)	(1.9)	(0.2367)	(0.2322)	(0.0045)	1.9
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,772,355	2,825,331	(52,977)	(1.9)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,772,355	2,825,331	(52,977)	(1.9)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	98,033,334	107,802,091	(9,768,756)	(9.1)	2,772,355	2,825,331	(52,977)	(1.9)	3.5361	3.8156	(0.2795)	(7.3)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.5386	3.8183	(0.2797)	(7.3)
32 GPIF	(717,816)	(717,816)			2,772,355	2,825,331			(0.0259)	(0.0254)	(0.0005)	98.1
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.513	3.793	(0.280)	(7.4)

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JANUARY 2016

	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	\$94,981,804	104,197,598	(\$9,215,794)	(8.8)	\$94,981,804	\$104,197,598	(\$9,215,794)	(8.8)
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 INVESTMENT	-	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(308,216)	(723,970)	415,754	(57.4)	(308,216)	(723,970)	415,754	(57.4)
2a. GAIN ON POWER SALES	(120,066)	(162,536)	42,470	(26.1)	(120,066)	(162,536)	42,470	(26.1)
3 . FUEL COST OF PURCHASED POWER	4,937,035	4,828,500	108,535	2.3	4,937,035	4,828,500	108,535	2.3
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	8,284,310	13,105,970	(4,821,660)	(36.8)	8,284,310	13,105,970	(4,821,660)	(36.8)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	216,014	284,678	(68,664)	(24.1)	216,014	284,678	(68,664)	(24.1)
5 . TOTAL FUEL & NET POWER TRANSACTIONS	107,990,882	121,530,240	(13,539,358)	(11.1)	107,990,882	121,530,240	(13,539,358)	(11.1)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(2,263,375)	(1,486,657)	(776,718)	52.3	(2,263,375)	(1,486,657)	(776,718)	52.3
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(24,885)	(5,038,480)	5,013,595	(99.5)	(24,885)	(5,038,480)	5,013,595	(99.5)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$105,702,622	\$115,005,103	(\$9,302,481)	(8.1)	\$105,702,622	\$115,005,103	(\$9,302,481)	(8.1)

FOOTNOTE: DETAIL OF LINE 6b ABOVE

INSPECTION & FUEL ANALYSIS REPORTS {Wholesale Portion}	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION {Wholesale Portion}	1,100	0	1,100	1,100	0	1,100	1,100
N/A - Not used	0	0	0	0	0	0	0
TANK BOTTOM ADJUSTMENT	0	0	0	0	0	0	0
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	0
RRSSA Refund	0	(5,028,073)	5,028,073	0	(5,028,073)	5,028,073	5,028,073
Interest Amortized for Fuel Refund	(16,354)	(10,408)	(5,946)	(16,354)	(10,408)	(5,946)	(5,946)
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	0	0	0	0
Bartow Outage Replacement Power	0	0	0	0	0	0	0
Derivative Collateral Interest	(9,632)	0	(9,632)	(9,632)	0	(9,632)	(9,632)
N/A - Not used	0	0	0	0	0	0	0
SUBTOTAL LINE 6b SHOWN ABOVE	(\$24,885)	(\$5,038,480)	\$5,013,595	(\$24,885)	(\$5,038,480)	\$5,013,595	\$5,013,595

B. KWH SALES								
1 . JURISDICTIONAL SALES	2,772,355,070	2,825,331,275	(52,976,205)	(1.9)	2,772,355,070	2,825,331,275	(52,976,205)	(1.9)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	30,873,062	17,219,000	13,654,062	79.3	30,873,062	17,219,000	13,654,062	79.3
3 . TOTAL SALES	2,803,228,132	2,842,550,275	(39,322,143)	(1.4)	2,803,228,132	2,842,550,275	(39,322,143)	(1.4)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	98.90	99.39	(0.49)	(0.5)	98.90	99.39	(0.49)	(0.5)

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JANUARY 2016

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$98,935,994	\$103,817,585	(\$4,881,592)	(4.7)	\$98,935,994	\$103,817,585	(\$4,881,592)	(4.7)
2. ADJUSTMENTS:	5,000,000	0	5,000,000	0.0	5,000,000	0	5,000,000	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	0	833,333	0.0	833,333	0	833,333	0.0
2b. INCREASE IN RETAIL FUEL RATE PER RRSSA	0	0	0	0.0	0	0	0	0.0
2c. TRUE UP PROVISION	6,560,919	6,560,919	0	0.0	6,560,919	6,560,919	0	0.0
2d. INCENTIVE PROVISION	717,816	717,816	0	0.0	717,816	717,816	0	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	112,048,063	111,096,320	951,742	0.9	112,048,063	111,096,320	951,742	0.9
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	105,702,622	115,005,103	(9,302,481)	(8.1)	105,702,622	115,005,103	(9,302,481)	(8.1)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	98.90	99.39	(0.49)	(0.5)	98.90	99.39	(0.49)	(0.5)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00052 LOSS MULTIPLIER)	104,594,254	114,363,010	(9,768,756)	(8.5)	104,594,254	114,363,010	(9,768,756)	(8.5)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	7,453,809	(3,266,689)	10,720,498	(328.2)	7,453,809	(3,266,689)	10,720,498	(328.2)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	38,613	5,908	32,705	553.5	38,613	5,908	32,705	553.5
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	116,563,080	78,731,032	37,832,048	48.1	116,563,080	78,731,032	37,832,048	48.1
10. TRUE UP COLLECTED (REFUNDED)	(6,560,919)	(6,560,919)	(0)	0.0	(6,560,919)	(6,560,919)	(0)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	117,494,583	68,909,332	48,585,250	70.5	117,494,583	68,909,332	48,585,250	70.5
12. OTHER:	0				0			
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$117,494,583	68,909,332	48,585,250	70.5	\$117,494,583	68,909,332	48,585,250	70.5
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	\$116,563,080	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	117,455,969	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	234,019,049	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	117,009,525	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.400	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.400	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.800	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.400	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.033	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$38,613	N/A	--	--				

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
January 2016

Last refreshed 2/18/16 4:28 PM

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH		Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
			Wheeled from Other Systems (000)	KWH from Own Generation (000)					
ESTIMATED		29,715		29,715	2.436	2.983	723,970.00	886,506.00	162,536.00
ACTUAL									
Exelon Generation Company, LLC	InternationalS	1,426	0	1,426	2.478	3.318	35,336.28	41,673.32	6,337.04
Florida Municipal Power Agency	CR-1	50	0	50	2.445	5.603	1,222.50	2,801.50	1,579.00
Morgan Stanley Capital Group Inc.	EEL	140	0	140	3.930	3.969	5,502.50	5,556.95	54.45
PJM Settlements, Inc	MR1	250	0	250	1.724	4.809	4,309.44	12,022.24	7,712.80
PJM Settlements, Inc								21,342.21	21,342.21
Seminole Electric Cooperative Inc.	CR-1	8,140	0	8,140	2.400	3.173	195,357.00	258,303.40	62,946.40
Southern Company Services, Inc.	EEL	1,205	0	1,205	2.271	3.006	27,360.96	36,218.30	8,857.34
Tallahassee (City of)	Schedule A	200	0	200	2.221	2.506	4,442.00	5,012.00	570.00
Tampa Electric Company	CR-1	100	0	100	2.540	5.022	2,540.15	5,022.35	2,482.20
The Energy Authority	EEL	218	0.00	218	1.98	2.84	4,308.34	6,183.00	1,874.66
The Energy Authority	Schedule OS	1,096	0	1,096	2.54	3.22	27,836.53	34,146.19	6,309.66
Subtotal - Gain on Other Power Sales		12,825	0	12,825	2.40	3.34	308,215.70	428,281.46	120,065.76
CURRENT MONTH TOTAL		12,825		12,825	2.40	3.34	308,215.70	428,281.46	120,065.76
DIFFERENCE		(16,890)		(16,890)	(0.03)	0.36	(415,754.30)	(458,224.54)	(42,470.24)
DIFFERENCE %		(57)		(57)	(1.34)	11.95	(57.43)	(51.69)	(26.13)
CUMULATIVE ACTUAL		12825		12825	2.403241	3.339426589	308215.7	428281.46	120065.76
CUMULATIVE ESTIMATED		29715		29715	2.436379	2.983361938	723970	886506	162536
DIFFERENCE		-16890		-16890	-0.033138	0.35606465	-415754.3	-458224.54	-42470.24
DIFFERENCE %		(56.84)		(56.84)	(1)	11.94	(57)	(52)	(26.13)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
JANUARY, 2016

(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		103,690			103,690	4.657	4.657	4,828,500.00	4,828,500.00
ACTUAL									
Vandolah Power Co. LLC (Northern Star)	TOLL	11,797			11,797	6.626	6.626	781,633.67	781,633.67
Shady Hills Power Company, LLC	TOLL	3,038			3,038	7.719	7.719	234,511.45	234,511.45
Southern Power Company	Franklin	45,000			45,000	3.345	3.345	1,505,138.38	1,505,138.38
Southern Company Services, Inc	Scherer3	-			-	#DIV/0!	#DIV/0!	-	-
Osprey Energy Center	TOLL	77,777			77,777	3.3273284	3.3273284	2,587,896.21	2,587,896.21
Calpine Energy Services, L.P.	TOLL	-			-	0	0	-	-
ADJUSTMENTS									
Vandolah Power Co. LLC (Northern Star)	TOLL	584			584	-35.264	-35.264	(205,939.77)	(205,939.77)
Shady Hills Power Company, LLC	TOLL	-			-	0.000	0.000	(277.62)	(277.62)
Southern Power Company	Franklin	-			-	-	-	(4,544.96)	(4,544.96)
Southern Company Services, Inc	Scherer3	-			-	0	0	277.65	277.65
Osprey Energy Center	TOLL	-			-	0	0	7,773.62	7,773.62
Calpine Energy Services, L.P.	TOLL	-			-	0.000	0.000	30,566.00	30,566.00
CURRENT MONTH TOTAL		138,196			138,196	3.57	3.572	4,937,034.63	4,937,034.63
DIFFERENCE		34,506.0			34,506.0	(1.1)	(1.1)	108,534.6	108,534.6
DIFFERENCE %		33.27804031			33.28	(23.282)	(23.282)	2.25	2.25
CUMULATIVE ACTUAL		138,196			138,196.00	3.57	3.57	4,937,034.63	4,937,034.63
CUMULATIVE ESTIMATED		103,690			103,690.00	4.66	4.66	4,828,500.00	4,828,500.00
DIFFERENCE		34,506.0			34,506.00	(1.08)	(1.08)	108,534.63	108,534.63
DIFFERENCE %		33.27804031			33.28	(23.28)	(23.28)	2.25	2.25

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPT (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		296,940	-	-	296,940	4	11.64	13,105,970.00
ACTUAL								
Auburndale Power Partners, L.P. (AUBRDLAS) ADJ	CO-GEN	-	-	-	-	-	0	-
SI Group Energy, LLC (SIGROUP) ADJ	CO-GEN	-	-	-	-	-	0	-
Auburndale Power Partners, L.P. (AUBSET) ADJ	CO-GEN	-	-	-	-	-	0	-
Florida Power Development (FLACRUSH) ADJ	CO-GEN	23,354	-	-	23,354	6	5.559	1,298,248.86 118.54
Citrus World (CITRUS) ADJ	CO-GEN	4 (7)	-	-	4 (7)	1	1.475	63.43 (171.02)
Lake County (LAKCOUNT) ADJ	CO-GEN	575	-	-	575	2	1.625	9,343.75 (3,924.80)
Lake Cogen Limited (LAKORDER) ADJ	CO-GEN	-	-	-	-	-	0	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	-	-	-	-	-	0	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	10,571	-	-	10,571	2	1.597	168,818.87 (52,678.64)
Orange Cogen (ORANGEAS) ADJ	CO-GEN	6,022	-	-	6,022	2	1.914	115,261.08 (40,549.81)
Ornage Cogen (ORANGECO) ADJ	CO-GEN	25,293	-	-	25,293	4	3.719	940,646.67 (51,265.29)
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	89,104	-	-	89,104	5	4.87	4,339,364.80 (584,638.72)
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-	-	-	-	-	0	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,915	-	-	17,915	2	1.702	304,913.30 (86,829.86)
PCS Phosphate (OCSWF CRK) ADJ	CO-GEN	3 (36)	-	-	3 (36)	2	1.94	51.02 (743.63)
PCS Phosphate (OCWHSPRS) ADJ	CO-GEN	-	-	-	-	-	0	-
Perpetual Energy (PRPETUAL) ADJ	CO-GEN	-	-	-	-	-	0	-
Pinellas County Resource Recovery ADJ	CO-GEN	37,509	-	-	37,509	2	1.683	631,276.47 (125,734.63)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	35,408	-	-	35,408	2	2.097	742,505.76 (238,751.07)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	17,261	-	-	17,261	5	4.972	858,216.92 60,768.28
Auburndale Power Partners, L.P. (AUBEST) ADJ	CO-GEN	-	-	-	-	-	0	-
Orange Cogen (ORANCECO) ADJ	CO-GEN	-	-	-	-	-	0	-
Orange Cogen (ORNAGECO) ADJ	CO-GEN	-	-	-	-	-	0	-
Auburndale Power Partners, L.P. (AUBRDLFC) ADJ	CO-GEN	-	-	-	-	-	0	-
CURRENT MONTH TOTAL		262,976			262,976	3.150	3.15022013	8,284,310.28
DIFFERENCE		(33,964.4)			(33,964)	(1.3)	-8.4897799	(4,821,659.72)
DIFFERENCE %		(11)			(11)	(28.566)	-192.51202	(36.79)
CUMULATIVE ACTUAL		262,976			262,976	3.150	3.150	8,284,310.28
CUMULATIVE ESTIMATED		296,940			296,940	4.414	4.414	13,105,970.00
CUMULATIVE DIFFERENCE		(33,964.4)			(33,964)	(1.3)	-1.3	(4,821,659.72)
CUMULATIVE DIFFERENCE %		(11)			(11)	(29)	-28.625934	(36.79)

(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		4,828	5.896	284,678.00	5.488	264,947.00	(19,731.00)
ACTUAL:							
Tampa Electric Company	Schedule C	50	\$2.542	\$1,271.00	\$2.406	\$1,203.09	-\$67.91
Orlando Utilities Commission	Schedule C	142	\$2.002	\$2,843.33	\$2.119	\$3,009.60	\$166.27
SubTotal - Energy Purchases (Broker)		192	2.143	4,114.33	2.194	4,212.69	98.36
SEPA	Hydro	-	0.000	-	0.000	-	-
Florida Power & Light Company	(blank)	600	\$2.817	\$16,900.00	\$2.374	\$14,241.00	-\$2,659.00
Tampa Electric Company	EEI2	1100	\$2.600	\$28,600.00	\$2.289	\$25,179.00	-\$3,421.00
Southern Company Services, Inc.	EEI	500	\$2.640	\$13,200.00	\$3.388	\$16,940.00	\$3,740.00
Exelon Generation Company, LLC	InternationalSwapsDe	1300	\$2.569	\$33,400.00	\$3.536	\$45,968.00	\$12,568.00
The Energy Authority	EEI	149	\$2.000	\$2,980.00	\$2.077	\$3,094.73	\$114.73
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0.000	85,769.82	0.000	-	(85,769.82)
Tampa Electric Company	Transmission Purchase	-	0.000	26,331.52	0.000	-	(26,331.52)
Tennessee Valley Authority Transmission	Transmission Purchase	-	0.000	1,575.00	0.000	-	(1,575.00)
Seminole Electric Cooperative, Inc.	Transmission Purchase	-	0.000	56.10	0.000	-	(56.10)
Duke Electric Transmission	Transmission Purchase	-	0.000	-	0.000	-	-
ADJUSTMENTS							
Pennsylvania-New Jersey-Maryland Int.		-	0.000	661.63	0.000	-	(661.63)
SEPA		61	0.000	2,426.00	0.000	-	(2,426.00)
SubTotal - Energy Purchases (Non-Broker)		3,710	5.712	211,900.07	2.842	105,422.73	(106,477.34)
CURRENT MONTH TOTAL		3,902	5.536	216,014.40	2.810	109,635.42	(106,378.98)
DIFFERENCE		(926)	(0.360)	(68,663.60)	(2.678)	(155,311.58)	(86,647.98)
DIFFERENCE %		(19)	(6.106)	(24.12)	(48.802)	(58.62)	439.15
CUMULATIVE ACTUAL		3,902	5.536	216,014.40	2.810	109,635.42	(106,378.98)
CUMULATIVE ESTIMATED		4,828	5.896	284,678.00	5.488	264,947.00	(19,731.00)
DIFFERENCE		(926)	(0.360)	(68,663.60)	(2.678)	(155,311.58)	(86,647.98)
DIFFERENCE %		(19)	(6.112)	(24.12)	(48.800)	(58.62)	439.15

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:51:31AM

<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	1,106,067	352,749	753,318	213.6%
3 - COAL	24,059,366	30,571,838	(6,512,472)	(21.3%)
4 - GAS	69,816,371	73,273,011	(3,456,640)	(4.7%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	94,981,804	104,197,598	(9,215,794)	(8.8%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	4,146	383	3,763	982.4%
11 - COAL	600,135	814,609	(214,474)	(26.3%)
12 - GAS	2,172,779	2,012,593	160,186	8.0%
13 - NUCLEAR	0	0	0	0.0%
14	0	0	0	0.0%
15	0	0	0	0.0%
16 - TOTAL (MWH)	2,777,060	2,827,585	(50,525)	(1.8%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	8,322	3,517	4,805	136.6%
19 - COAL (TON)	296,581	369,371	(72,790)	(19.7%)
20 - GAS (MCF)	16,262,865	14,790,513	1,472,352	10.0%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	47,930	20,386	27,544	135.1%
26 - COAL	6,774,971	8,539,000	(1,764,029)	(20.7%)
27 - GAS	16,637,107	14,790,513	1,846,594	12.5%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	23,460,008	23,349,899	110,109	0.5%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:51:31AM

<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	0.01	0.1	1002.1%
34 - COAL	21.6	28.81	(7.2)	(25.0%)
35 - GAS	78.2	71.18	7.1	9.9%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37	0.0	0.00	0.0	0.0%
38	0.0	0.00	0.0	0.0%
<hr/> 39 - TOTAL (% MWH)	<hr/> 100.0	<hr/> 100.0	<hr/> 0.0	<hr/> 0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	132.91	100.30	32.61	32.5%
42 - COAL (\$/TON)	81.12	82.77	(1.64)	(2.0%)
43 - GAS (\$/MCF)	4.29	4.95	(0.66)	(13.3%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	23.08	17.30	5.77	33.4%
49 - COAL	3.55	3.58	(0.03)	(0.8%)
50 - GAS	4.20	4.95	(0.76)	(15.3%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
<hr/> 54 - SYSTEM (\$/MBTU)	<hr/> 4.05	<hr/> 4.46	<hr/> (0.41)	<hr/> (9.3%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	11,561	53,227	(41,666)	(78.3%)
57 - COAL	11,289	10,482	807	7.7%
58 - GAS	7,657	7,349	308	4.2%
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/> 8,448	<hr/> 8,258	<hr/> 190	<hr/> 2.3%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016

Run Date: 2/11/2016 8:51:31AM

<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	26.68	92.10	(65.42)	(71.0%)
65 - COAL	4.01	3.75	0.26	6.8%
66 - GAS	3.21	3.64	(0.43)	(11.7%)
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%
<hr/> 70 - SYSTEM	<hr/> 3.42	<hr/> 3.69	<hr/> (0.26)	<hr/> (7.2%)

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:52:10AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3		0.00				0				0	0	0.000	
TOTAL Nuclear:	0	0.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		40,517.00					Gas	437,130	1.025	448,058	2,070,264	5.110	4.736
	524	40,517.00	10		11,059					448,058	2,070,264	5.110	
TOTAL UNIT 2		92,193.00					Gas	1,012,576	1.025	1,037,890	4,795,599	5.202	4.736
	524	92,193.00	24		11,258					1,037,890	4,795,599	5.202	
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		6,174.00					Coal	3,138	22.768	71,446	277,271	4.491	88.359
		0.00					No 2	1,910	5.760	11,002	257,056	0.000	134.585
	372	6,174.00	2		13,354					82,448	534,328	8.654	
TOTAL UNIT 2		66,125.00					Coal	32,805	22.768	746,904	2,898,626	4.384	88.359
		0.00					No 2	206	5.760	1,187	27,724	0.000	134.585
	503	66,125.00	18		11,313					748,091	2,926,351	4.425	
Crystal River 4 & 5													
TOTAL UNIT 4		281,627.00					Coal	138,705	22.854	3,169,964	11,113,657	3.946	80.124
		0.00					No 2	1,988	5.759	11,449	267,541	0.000	134.578
	721	281,627.00	53		11,297					3,181,413	11,381,199	4.041	
TOTAL UNIT 5		249,857.00					Coal	121,933	22.854	2,786,657	9,769,811	3.910	80.124
		0.00					No 2	3,327	5.759	19,160	447,741	0.000	134.578
	721	249,857.00	47		11,230					2,805,817	10,217,552	4.089	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:52:10AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Steam													
Suwannee Plant													
TOTAL UNIT 1		2,175.00					Gas	32,307	1.025	33,115	152,953	7.032	4.734
	28	2,175.00	10			15,225				33,115	152,953	7.032	
TOTAL UNIT 2		7,027.00					Gas	107,117	1.025	109,795	507,131	7.217	4.734
	28	7,027.00	34			15,625				109,795	507,131	7.217	
TOTAL UNIT 3		28,573.00					Gas	351,907	1.025	360,705	1,666,056	5.831	4.734
	73	28,573.00	53			12,624				360,705	1,666,056	5.831	
TOTAL Steam:	3,494	774,268.00				11,375				8,807,331	34,251,433	4.424	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:52:10AM

(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													
		4.05					No 2	12	5.816	70	1,138	28.120	94.835
TOTAL APP		164.45					Gas	2,767	1.025	2,836	13,184	8.017	4.765
	70	168.50	0			17,246				2,906	14,322	8.500	
Bartow Combined Cycle													
TOTAL BCC		640,347.00					Gas	4,622,573	1.022	4,724,270	19,056,473	2.976	4.122
	1,185	640,347.00	73			7,378				4,724,270	19,056,473	2.976	
Bartow Peaker													
		98.31					No 2	204	5.712	1,165	21,859	22.234	107.151
TOTAL BAP		2,104.69					Gas	24,337	1.025	24,945	115,937	5.509	4.764
	171	2,203.00	2			11,852				26,111	137,796	6.255	
Bayboro Peaker													
TOTAL BYP		95.40					No 2	255	5.712	1,457	37,733	39.553	147.973
	162	95.40	0			15,268				1,457	37,733	39.553	
Debary Peaker													
		28.29					No 2	68	5.780	393	7,787	27.522	114.509
TOTAL DEP		3,235.71					Gas	43,855	1.025	44,951	207,647	6.417	4.735
	290	3,264.00	2			13,892				45,344	215,433	6.600	
Higgins Peaker													
TOTAL HGP		1,903.70					Gas	33,060	1.025	33,887	157,524	8.275	4.765
	91	1,903.70	3			17,800				33,887	157,524	8.275	
Hines Energy													
TOTAL HEP		1,308,764.00					Gas	9,145,637	1.023	9,355,987	39,250,854	2.999	4.292
	2,199	1,308,764.00	80			7,149				9,355,987	39,250,854	2.999	
Intercession City Peaker													
		155.71					No 2	342	5.802	1,984	36,246	23.277	105.981
TOTAL ICP		6,866.10					Gas	85,524	1.023	87,491	352,807	5.138	4.125
	1,093	7,021.81	1			12,742				89,475	389,053	5.541	
Rio Pinar Peaker													
TOTAL RPP		0.00					No 2	11	5.823	64	1,241	0.000	112.830
	15	0.00	0			0				64	1,241	0.000	
Suwannee Peaker													
TOTAL SRP		2,769.60					Gas	6,225	1.025	6,381	36,282	1.310	5.828
	134	2,769.60	3			2,304				6,381	36,282	1.310	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:52:10AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		36,254.70					Gas	357,850	1.025	366,796	1,433,660	3.954	4.006
TOTAL UFP													
	48	36,254.70	102			10,117				366,796	1,433,660	3.954	
TOTAL Gas Turbine:													
	5,458	2,002,791.71				7,316				14,652,677	60,730,371	3.032	
SYSTEM TOTAL:													
	8,952	2,777,059.71				8,448				23,460,008	94,981,804	3.420	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016
Run Date: 2/3/2016 6:28:17PM

	<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 (\$)	(2,206)	0	(2,206)	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	(1)	3,517	(3,518)	(100.0%)
20 - UNIT COST (\$/BBL)	(138,074.13)	100.30	(138,174.43)	(137763.5%)
21 - AMOUNT (\$)	138,074	352,749	(214,675)	(60.9%)
22 - BURNED				
23 - UNITS (BBL)	8,322	3,517	4,805	136.6%
24 - UNIT COST (\$/BBL)	132.91	100.30	32.61	32.5%
25 - AMOUNT (\$)	1,106,067	352,749	753,318	213.6%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	947,635	1,020,493	(72,858)	(7.1%)
31 - UNIT COST (\$/BBL)	113.60	100.30	13.30	13.3%
32 - AMOUNT (\$)	107,651,683	102,353,713	5,297,970	5.2%
33 -				
34 - DAYS SUPPLY	3,530	8,705	(5,175)	(59.4%)

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016
Run Date: 2/3/2016 6:28:17PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	214,217	369,371	(155,154)	(42.0%)
37 - UNIT COST (\$/TON)	80.22	82.77	(2.54)	(3.1%)
38 - AMOUNT (\$)	17,185,485	30,571,838	(13,386,353)	(43.8%)
39 - BURNED				
40 - UNITS (TON)	296,581	369,371	(72,790)	(19.7%)
41 - UNIT COST (\$/TON)	81.12	82.77	(1.64)	(2.0%)
42 - AMOUNT (\$)	24,059,366	30,571,838	(6,512,472)	(21.3%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	882,732	1,275,860	(393,128)	(30.8%)
48 - UNIT COST (\$/TON)	83.06	82.77	0.29	0.4%
49 - AMOUNT (\$)	73,320,730	105,599,487	(32,278,757)	(30.6%)
50 -				
51 - DAYS SUPPLY	92	104	(11)	(11.0%)
OTHER				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016

Run Date: 2/3/2016 6:28:17PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	16,262,865	14,790,513	1,472,352	10.0%
68 - UNIT COST (\$/MCF)	4.29	4.95	(0.66)	(13.3%)
69 - AMOUNT (\$)	69,816,371	73,273,011	(3,456,640)	(4.7%)
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%

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

**ATTACHMENT #1
SCHEDULE A-5
JANUARY 2016**

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

LIGHT OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
		TO BE USED OR SOLD
0	\$0.00	TOTAL

COAL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:51:31AM

<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	1,106,067	352,749	753,318	213.6%
3 - COAL	24,059,366	30,571,838	(6,512,472)	(21.3%)
4 - GAS	69,816,371	73,273,011	(3,456,640)	(4.7%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	94,981,804	104,197,598	(9,215,794)	(8.8%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	4,146	383	3,763	982.4%
11 - COAL	600,135	814,609	(214,474)	(26.3%)
12 - GAS	2,172,779	2,012,593	160,186	8.0%
13 - NUCLEAR	0	0	0	0.0%
14	0	0	0	0.0%
15	0	0	0	0.0%
16 - TOTAL (MWH)	2,777,060	2,827,585	(50,525)	(1.8%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	8,322	3,517	4,805	136.6%
19 - COAL (TON)	296,581	369,371	(72,790)	(19.7%)
20 - GAS (MCF)	16,262,865	14,790,513	1,472,352	10.0%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	47,930	20,386	27,544	135.1%
26 - COAL	6,774,971	8,539,000	(1,764,029)	(20.7%)
27 - GAS	16,637,107	14,790,513	1,846,594	12.5%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	23,460,008	23,349,899	110,109	0.5%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:51:31AM

<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	0.01	0.1	1002.1%
34 - COAL	21.6	28.81	(7.2)	(25.0%)
35 - GAS	78.2	71.18	7.1	9.9%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37	0.0	0.00	0.0	0.0%
38	0.0	0.00	0.0	0.0%
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	132.91	100.30	32.61	32.5%
42 - COAL (\$/TON)	81.12	82.77	(1.64)	(2.0%)
43 - GAS (\$/MCF)	4.29	4.95	(0.66)	(13.3%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	23.08	17.30	5.77	33.4%
49 - COAL	3.55	3.58	(0.03)	(0.8%)
50 - GAS	4.20	4.95	(0.76)	(15.3%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
54 - SYSTEM (\$/MBTU)	4.05	4.46	(0.41)	(9.3%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	11,561	53,227	(41,666)	(78.3%)
57 - COAL	11,289	10,482	807	7.7%
58 - GAS	7,657	7,349	308	4.2%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,448	8,258	190	2.3%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016

Run Date: 2/11/2016 8:51:31AM

<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	26.68	92.10	(65.42)	(71.0%)
65 - COAL	4.01	3.75	0.26	6.8%
66 - GAS	3.21	3.64	(0.43)	(11.7%)
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%
<hr/> 70 - SYSTEM	<hr/> 3.42	<hr/> 3.69	<hr/> (0.26)	<hr/> (7.2%)

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:52:10AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3		0.00				0				0	0	0.000	
TOTAL Nuclear:	0	0.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		40,517.00					Gas	437,130	1.025	448,058	2,070,264	5.110	4.736
	524	40,517.00	10		11,059					448,058	2,070,264	5.110	
TOTAL UNIT 2		92,193.00					Gas	1,012,576	1.025	1,037,890	4,795,599	5.202	4.736
	524	92,193.00	24		11,258					1,037,890	4,795,599	5.202	
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		6,174.00					Coal	3,138	22.768	71,446	277,271	4.491	88.359
		0.00					No 2	1,910	5.760	11,002	257,056	0.000	134.585
	372	6,174.00	2		13,354					82,448	534,328	8.654	
TOTAL UNIT 2		66,125.00					Coal	32,805	22.768	746,904	2,898,626	4.384	88.359
		0.00					No 2	206	5.760	1,187	27,724	0.000	134.585
	503	66,125.00	18		11,313					748,091	2,926,351	4.425	
Crystal River 4 & 5													
TOTAL UNIT 4		281,627.00					Coal	138,705	22.854	3,169,964	11,113,657	3.946	80.124
		0.00					No 2	1,988	5.759	11,449	267,541	0.000	134.578
	721	281,627.00	53		11,297					3,181,413	11,381,199	4.041	
TOTAL UNIT 5		249,857.00					Coal	121,933	22.854	2,786,657	9,769,811	3.910	80.124
		0.00					No 2	3,327	5.759	19,160	447,741	0.000	134.578
	721	249,857.00	47		11,230					2,805,817	10,217,552	4.089	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:52:10AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Steam													
Suwannee Plant													
TOTAL UNIT 1		2,175.00					Gas	32,307	1.025	33,115	152,953	7.032	4.734
	28	2,175.00	10			15,225				33,115	152,953	7.032	
TOTAL UNIT 2		7,027.00					Gas	107,117	1.025	109,795	507,131	7.217	4.734
	28	7,027.00	34			15,625				109,795	507,131	7.217	
TOTAL UNIT 3		28,573.00					Gas	351,907	1.025	360,705	1,666,056	5.831	4.734
	73	28,573.00	53			12,624				360,705	1,666,056	5.831	
TOTAL Steam:	3,494	774,268.00				11,375				8,807,331	34,251,433	4.424	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:52:10AM

(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													
		4.05					No 2	12	5.816	70	1,138	28.120	94.835
TOTAL APP		164.45					Gas	2,767	1.025	2,836	13,184	8.017	4.765
	70	168.50	0			17,246				2,906	14,322	8.500	
Bartow Combined Cycle													
TOTAL BCC		640,347.00					Gas	4,622,573	1.022	4,724,270	19,056,473	2.976	4.122
	1,185	640,347.00	73			7,378				4,724,270	19,056,473	2.976	
Bartow Peaker													
		98.31					No 2	204	5.712	1,165	21,859	22.234	107.151
TOTAL BAP		2,104.69					Gas	24,337	1.025	24,945	115,937	5.509	4.764
	171	2,203.00	2			11,852				26,111	137,796	6.255	
Bayboro Peaker													
TOTAL BYP		95.40					No 2	255	5.712	1,457	37,733	39.553	147.973
	162	95.40	0			15,268				1,457	37,733	39.553	
Debary Peaker													
		28.29					No 2	68	5.780	393	7,787	27.522	114.509
TOTAL DEP		3,235.71					Gas	43,855	1.025	44,951	207,647	6.417	4.735
	290	3,264.00	2			13,892				45,344	215,433	6.600	
Higgins Peaker													
TOTAL HGP		1,903.70					Gas	33,060	1.025	33,887	157,524	8.275	4.765
	91	1,903.70	3			17,800				33,887	157,524	8.275	
Hines Energy													
TOTAL HEP		1,308,764.00					Gas	9,145,637	1.023	9,355,987	39,250,854	2.999	4.292
	2,199	1,308,764.00	80			7,149				9,355,987	39,250,854	2.999	
Intercession City Peaker													
		155.71					No 2	342	5.802	1,984	36,246	23.277	105.981
TOTAL ICP		6,866.10					Gas	85,524	1.023	87,491	352,807	5.138	4.125
	1,093	7,021.81	1			12,742				89,475	389,053	5.541	
Rio Pinar Peaker													
TOTAL RPP		0.00					No 2	11	5.823	64	1,241	0.000	112.830
	15	0.00	0			0				64	1,241	0.000	
Suwannee Peaker													
TOTAL SRP		2,769.60					Gas	6,225	1.025	6,381	36,282	1.310	5.828
	134	2,769.60	3			2,304				6,381	36,282	1.310	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 1/1/2016 to 1/1/2016
Run Date: 2/11/2016 8:52:10AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		36,254.70					Gas	357,850	1.025	366,796	1,433,660	3.954	4.006
TOTAL UFP													
	48	36,254.70	102			10,117				366,796	1,433,660	3.954	
TOTAL Gas Turbine:													
	5,458	2,002,791.71				7,316				14,652,677	60,730,371	3.032	
SYSTEM TOTAL:													
	8,952	2,777,059.71				8,448				23,460,008	94,981,804	3.420	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016

Run Date: 2/3/2016 6:28:17PM

	<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 (\$)	(2,206)	0	(2,206)	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	(1)	3,517	(3,518)	(100.0%)
20 - UNIT COST (\$/BBL)	(138,074.13)	100.30	(138,174.43)	(137763.5%)
21 - AMOUNT (\$)	138,074	352,749	(214,675)	(60.9%)
22 - BURNED				
23 - UNITS (BBL)	8,322	3,517	4,805	136.6%
24 - UNIT COST (\$/BBL)	132.91	100.30	32.61	32.5%
25 - AMOUNT (\$)	1,106,067	352,749	753,318	213.6%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	947,635	1,020,493	(72,858)	(7.1%)
31 - UNIT COST (\$/BBL)	113.60	100.30	13.30	13.3%
32 - AMOUNT (\$)	107,651,683	102,353,713	5,297,970	5.2%
33 -				
34 - DAYS SUPPLY	3,530	8,705	(5,175)	(59.4%)

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016
Run Date: 2/3/2016 6:28:17PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	214,217	369,371	(155,154)	(42.0%)
37 - UNIT COST (\$/TON)	80.22	82.77	(2.54)	(3.1%)
38 - AMOUNT (\$)	17,185,485	30,571,838	(13,386,353)	(43.8%)
39 - BURNED				
40 - UNITS (TON)	296,581	369,371	(72,790)	(19.7%)
41 - UNIT COST (\$/TON)	81.12	82.77	(1.64)	(2.0%)
42 - AMOUNT (\$)	24,059,366	30,571,838	(6,512,472)	(21.3%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	882,732	1,275,860	(393,128)	(30.8%)
48 - UNIT COST (\$/TON)	83.06	82.77	0.29	0.4%
49 - AMOUNT (\$)	73,320,730	105,599,487	(32,278,757)	(30.6%)
50 -				
51 - DAYS SUPPLY	92	104	(11)	(11.0%)
OTHER				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 1/1/2016

Run Date: 2/3/2016 6:28:17PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	16,262,865	14,790,513	1,472,352	10.0%
68 - UNIT COST (\$/MCF)	4.29	4.95	(0.66)	(13.3%)
69 - AMOUNT (\$)	69,816,371	73,273,011	(3,456,640)	(4.7%)
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%

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

DUKE ENERGY FLORIDA, LLC																
SCHEDULE A12 - CAPACITY COSTS																
FOR THE PERIOD JAN - DEC 2016																
Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1	Auburndale Power Partners, L.P. (AUBRDLFC)	QF	17.00	1/1/95 - 12/31/13	0	0	0	0	0	0	0	0	0	0	0	0
2	Auburndale Power Partners, L.P. (AUBSET)	QF	114.18	8/1/94 - 12/31/13	0	0	0	0	0	0	0	0	0	0	0	0
3	Lake County (LAKCOUNT)	QF	12.75	1/1/95 - 6/30/14	0	0	0	0	0	0	0	0	0	0	0	0
4	Lake Cogen Limited (LAKORDER)	QF	110.00	7/1/93 - 7/31/13	0	0	0	0	0	0	0	0	0	0	0	0
5	Metro-Dade County (METRDADE)	QF	43.00	11/1/91 - 11/30/13	0	0	0	0	0	0	0	0	0	0	0	0
6	Orange Cogen (ORANGEEO)	QF	74.00	7/1/95 - 12/31/24	3,266,545	0	0	0	0	0	0	0	0	0	0	3,266,545
7	Orlando Cogen Limited (ORLACOG)	QF	79.20	9/1/93 - 12/31/23	13,409,604	0	0	0	0	0	0	0	0	0	0	13,409,604
8	Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,577,570	0	0	0	0	0	0	0	0	0	0	1,577,570
9	Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	3,755,303	0	0	0	0	0	0	0	0	0	0	3,755,303
10	Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	6,306,018	0	0	0	0	0	0	0	0	0	0	6,306,018
11	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	603,090	0	0	0	0	0	0	0	0	0	0	603,090
12	UPS Purchase (414 total mw) - Southern	Other	414	7/19/88 - 5/31/10	0	0	0	0	0	0	0	0	0	0	0	0
13	Southern purchase - Scherer	Other	74	6/1/10 - 5/31/16	2,149,228	0	0	0	0	0	0	0	0	0	0	2,149,228
14	Southern purchase - Franklin	Other	350	6/1/10 - 5/31/16	3,201,566	0	0	0	0	0	0	0	0	0	0	3,201,566
15	TECO Power Purchase (70 mw)	Other	70	3/30/93 - 2/28/11	0	0	0	0	0	0	0	0	0	0	0	0
16	Other: NEIL insurance proceeds				0	0	0	0	0	0	0	0	0	0	0	0
17	Retail Wheeling				(33,737)	0	0	0	0	0	0	0	0	0	0	(33,737)
18	Levy Projected Expense				0	0	0	0	0	0	0	0	0	0	0	0
19	CR-3 Projected Expense				4,861,279	0	0	0	0	0	0	0	0	0	0	4,861,279
SUBTOTAL					39,096,466	0	0	0	0	0	0	0	0	0	0	39,096,466
Confidential Capacity Contracts (Aggregated):																
Purchases/Sales (Net)		Other	MW	Contracts												
Total			1,176	4	5,972,745	0	0	0	0	0	0	0	0	0	0	5,972,745
TOTAL					45,069,211	0	0	0	0	0	0	0	0	0	0	45,069,211
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Duke Energy Florida
2016
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