



MATTHEW R. BERNIER
SENIOR COUNSEL

June 17, 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 May 2016.

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
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 May 2016 have been furnished to the following individuals via e-mail on this 17th day of June, 2016.

/s/ Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

MAY 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)	90,802,680	101,284,839	(10,482,159)	(10.4)	2,486,169	2,954,515	(468,345)	(15.9)	3.6523	3.4281	0.2242	6.5
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	32,448	(10,408)	42,856	(411.8)	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	90,835,128	101,274,431	(10,439,303)	(10.3)	2,486,169	2,954,515	(468,345)	(15.9)	3.6536	3.4278	0.2258	6.6
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	32,818,134	12,274,548	20,543,586	167.4	938,403	336,987	601,416	178.5	3.4972	3.6424	(0.1452)	(4.0)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	3,666	0	3,666	0.0	149	0	149	0.0	2.4604	0.0000	2.4604	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	402,979	309,373	93,606	30.3	11,014	6,180	4,835	78.2	3.6588	5.0064	(1.3476)	(26.9)
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)	10,499,028	12,118,970	(1,619,941)	(13.4)	256,719	288,794	(32,075)	(11.1)	4.0897	4.1964	(0.1067)	(2.5)
12 TOTAL COST OF PURCHASED POWER	43,723,807	24,702,891	19,020,916	77.0	1,206,285	631,960	574,325	90.9	3.6247	3.9089	(0.2842)	(7.3)
13 TOTAL AVAILABLE MWH					3,692,455	3,586,475	105,980	3.0				
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)	(13,586)	(517,616)	504,030	(97.4)	(524)	(17,070)	16,546	(96.9)	2.5927	3.0323	(0.4396)	(14.5)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	17,392	(119,114)	136,506	(114.6)	(524)	(17,070)	16,546	(96.9)	(3.3190)	0.6978	(4.0168)	(575.6)
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	(1,899,190)	(2,125,008)	225,817	(10.6)	(82,369)	(81,096)	(1,273)	1.6	2.3057	2.6204	(0.3147)	(12.0)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,895,385)	(2,761,738)	866,353	(31.4)	(82,893)	(98,166)	15,273	(15.6)	2.2865	2.8133	(0.5268)	(18.7)
19 NET INADVERTENT AND WHEELED INTERCHANGE					13,451	0	13,451					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	132,663,550	123,215,584	9,447,966	7.7	3,623,013	3,488,309	134,704	3.9	3.6617	3.5322	0.1295	3.7
21 NET UNBILLED	8,111,270	12,304,771	(4,193,501)	(34.1)	(221,517)	(348,356)	126,839	(36.4)	0.2525	0.4167	(0.1642)	(39.4)
22 COMPANY USE	389,011	423,869	(34,858)	(8.2)	(10,624)	(12,000)	1,376	(11.5)	0.0121	0.0144	(0.0023)	(16.0)
23 T & D LOSSES	6,514,515	6,192,095	322,420	5.2	(177,910)	(175,302)	(2,608)	1.5	0.2028	0.2097	(0.0069)	(3.3)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	132,663,550	123,215,584	9,447,966	7.7	3,212,962	2,952,651	260,311	8.8	4.1290	4.1730	(0.0440)	(1.1)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(955,178)	(813,223)	(141,955)	17.5	(23,060)	(19,404)	(3,656)	18.8	4.1421	4.1910	(0.0489)	(1.2)
26 JURISDICTIONAL KWH SALES	131,708,373	122,402,361	9,306,011	7.6	3,189,901	2,933,247	256,654	8.8	4.1289	4.1729	(0.0440)	(1.1)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	131,761,056	122,466,011	9,295,045	7.6	3,189,901	2,933,247	256,654	8.8	4.1306	4.1751	(0.0445)	(1.1)
28 PRIOR PERIOD TRUE-UP	(10,764,480)	(10,764,480)	(0)	0.0	3,189,901	2,933,247	256,654	8.8	(0.3375)	(0.3670)	0.0295	(8.0)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	3,189,901	2,933,247	256,654	8.8	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	3,189,901	2,933,247	256,654	8.8	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	120,996,576	111,701,531	9,295,045	8.3	3,189,901	2,933,247	256,654	8.8	3.7931	3.8081	(0.0150)	(0.4)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.7958	3.8108	(0.0150)	(0.4)
32 GPIF	(717,816)	(717,816)			3,189,901	2,933,247			(0.0225)	(0.0245)	0.0020	(8.2)
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.773	3.786	(0.013)	(0.3)

*Line 15a. MWH Data for Informational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - MAY 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)	430,361,767	465,521,262	(35,159,495)	(7.6)	12,483,894	13,181,910	(698,016)	(5.3)	3.4473	3.5315	(0.0842)	(2.4)
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	(80,464)	(10,112,741)	10,032,277	(99.2)	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	430,281,303	455,408,521	(25,127,218)	(5.5)	12,483,894	13,181,910	(698,016)	(5.3)	3.4467	3.4548	(0.0081)	(0.2)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	78,478,314	46,864,927	31,613,387	67.5	2,231,873	1,232,880	998,993	81.0	3.5163	3.8013	(0.2850)	(7.5)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	7,780	0	7,780	0.0	341	0	341	0.0	2.2816	0.0000	2.2816	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	1,215,443	1,546,381	(330,938)	(21.4)	31,305	30,591	714	2.3	3.8826	5.0551	(1.1725)	(23.2)
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)	45,604,618	60,808,597	(15,203,979)	(25.0)	1,214,803	1,417,196	(202,392)	(14.3)	3.7541	4.2908	(0.5367)	(12.5)
12 TOTAL COST OF PURCHASED POWER	125,306,155	109,219,905	16,086,250	14.7	3,478,322	2,680,666	797,656	29.8	3.6025	4.0744	(0.4719)	(11.6)
13 TOTAL AVAILABLE MWH					15,962,216	15,862,576	99,640	0.6				
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)	(1,029,731)	(2,339,757)	1,310,026	(56.0)	(41,458)	(90,415)	48,957	(54.2)	2.4838	2.5878	(0.1040)	(4.0)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(264,359)	(531,563)	267,204	(50.3)	(41,458)	(90,415)	48,957	(54.2)	0.6377	0.5879	0.0498	8.5
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	(8,195,184)	(7,859,723)	(335,460)	4.3	(353,525)	(282,205)	(71,320)	25.3	2.3181	2.7851	(0.4670)	(16.8)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(9,489,274)	(10,731,043)	1,241,770	(11.6)	(394,983)	(372,620)	(22,363)	6.0	2.4025	2.8799	(0.4774)	(16.6)
19 NET INADVERTENT AND WHEELED INTERCHANGE					76,555	0	76,555					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	546,098,184	553,897,382	(7,799,198)	(1.4)	15,643,788	15,489,956	153,832	1.0	3.4908	3.5758	(0.0850)	(2.4)
21 NET UNBILLED	14,330,978	21,078,731	(6,747,753)	(32.0)	(410,532)	(596,723)	186,191	(31.2)	0.1006	0.1502	(0.0496)	(33.0)
22 COMPANY USE	2,136,569	2,146,328	(9,759)	(0.5)	(61,205)	(60,000)	(1,205)	2.0	0.0150	0.0153	(0.0003)	(2.0)
23 T & D LOSSES	32,408,942	28,659,174	3,749,768	13.1	(928,402)	(800,818)	(127,584)	15.9	0.2275	0.2042	0.0233	11.4
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	546,098,184	553,897,382	(7,799,198)	(1.4)	14,243,649	14,032,415	211,234	1.5	3.8340	3.9473	(0.1133)	(2.9)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(6,585,921)	(3,411,897)	(3,174,025)	93.0	(170,876)	(86,027)	(84,849)	98.6	3.8542	3.9661	(0.1119)	(2.8)
26 JURISDICTIONAL KWH SALES	539,512,263	550,485,486	(10,973,223)	(2.0)	14,072,773	13,946,388	126,385	0.9	3.8337	3.9472	(0.1135)	(2.9)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	539,752,240	550,771,738	(11,019,498)	(2.0)	14,072,773	13,946,388	126,385	0.9	3.8354	3.9492	(0.1138)	(2.9)
28 PRIOR PERIOD TRUE-UP	(41,211,719)	(41,211,717)	(2)	0.0	14,072,773	13,946,388	126,385	0.9	(0.2928)	(0.2955)	0.0027	(0.9)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	14,072,773	13,946,388	126,385	0.9	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	14,072,773	13,946,388	126,385	0.9	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	498,540,521	509,560,021	(11,019,500)	(2.2)	14,072,773	13,946,388	126,385	0.9	3.5426	3.6537	(0.1111)	(3.0)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.5452	3.6563	(0.1112)	(3.0)
32 GPIF	(3,589,082)	(3,589,080)			14,072,773	13,946,388			(0.0255)	(0.0257)	0.0002	100.8
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.520	3.631	(0.111)	(3.1)

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
MAY 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	\$90,802,680	101,284,839	(\$10,482,159)	(10.4)	\$430,361,767	\$465,521,262	(\$35,159,495)	(7.6)
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	(13,586)	(517,616)	504,030	(97.4)	(1,029,731)	(2,339,757)	1,310,026	(56.0)
2a. GAIN ON POWER SALES	17,392	(119,114)	136,506	(114.6)	(264,359)	(531,563)	267,204	(50.3)
3 . FUEL COST OF PURCHASED POWER	32,818,134	12,274,548	20,543,586	167.4	78,478,314	46,864,927	31,613,387	67.5
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	10,499,028	12,118,970	(1,619,941)	(13.4)	45,604,618	60,808,597	(15,203,979)	(25.0)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	406,645	309,373	97,272	31.4	1,223,223	1,546,381	(323,158)	(20.9)
5 . TOTAL FUEL & NET POWER TRANSACTIONS	134,530,293	125,351,000	9,179,293	7.3	554,373,833	571,869,847	(17,496,015)	(3.1)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,899,190)	(2,125,008)	225,817	(10.6)	(8,195,184)	(7,859,723)	(335,460)	4.3
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	32,448	(10,408)	42,856	(411.8)	(80,464)	(10,112,741)	10,032,277	(99.2)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$132,663,550	\$123,215,584	\$9,447,966	7.7	\$546,098,184	\$553,897,382	(\$7,799,198)	(1.4)

FOOTNOTE: DETAIL OF LINE 6b ABOVE

INSPECTION & FUEL ANALYSIS REPORTS (Wholesale Portion)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	720	0	720	6,060	0	6,060	
N/A - Not used	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0	0	0	0	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	
RRSSA Refund	0	0	0	0	(10,060,702)	10,060,702	
Interest Amortized for Fuel Refund	(21,529)	(10,408)	(11,121)	(95,436)	(52,039)	(43,397)	
Gain/Loss on Disposition of Oil	0	0	0	0	0	0	
N/A - Not used	0	0	0	0	0	0	
NET METER SETTLEMENT	0	0	0	0	0	0	
Barlow Outage Replacement Power	0	0	0	0	0	0	
Derivative Collateral Interest	53,256	0	53,256	8,912	0	8,912	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$32,448	(\$10,408)	\$42,856	(\$80,464)	(\$10,112,741)	\$10,032,277	

B. KWH SALES								
1 . JURISDICTIONAL SALES	3,189,900,663	2,933,247,000	256,653,663	8.8	14,072,773,095	13,946,388,316	126,384,779	0.9
2 . NON JURISDICTIONAL (WHOLESALE) SALES	23,060,388	19,404,000	3,656,388	18.8	170,876,086	86,027,000	84,849,086	98.6
3 . TOTAL SALES	3,212,961,051	2,952,651,000	260,310,051	8.8	14,243,649,181	14,032,415,316	211,233,865	1.5
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.28	99.34	(0.06)	(0.1)	98.80	99.39	(0.59)	(0.6)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$94,121,778	\$106,950,245	(\$12,828,467)	(12.0)	\$463,783,514	\$509,965,726	(\$46,182,212)	(9.1)
2. ADJUSTMENTS:	5,000,000	5,000,000	0	0.0	25,000,000	15,000,000	10,000,000	66.7
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	833,333	(0)	0.0	4,166,667	2,500,000	1,666,667	66.7
2b. INCREASE IN RETAIL FUEL RATE PER RRSSA	0	0	0	0.0	0	0	0	0.0
2c. TRUE UP PROVISION	10,764,480	10,764,480	0	0.0	41,211,719	41,211,717	2	0.0
2d. INCENTIVE PROVISION	717,816	717,816	0	0.0	3,589,082	3,589,080	2	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	111,437,408	124,265,874	(12,828,466)	(10.3)	537,750,981	572,266,523	(34,515,542)	(6.0)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	132,663,550	123,215,584	9,447,966	7.7	546,098,184	553,897,382	(7,799,198)	(1.4)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.28	99.34	(0.06)	(0.1)	98.80	99.39	(0.59)	(0.6)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.0004 LOSS MULTIPLIER)	131,761,056	122,466,011	9,295,045	7.6	539,752,240	550,771,738	(11,019,498)	(2.0)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(20,323,648)	1,799,864	(22,123,512)	(1,229.2)	(2,001,259)	21,494,784	(23,496,044)	(109.3)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	25,826	42,279	(16,452)	(38.9)	188,311	140,625	47,686	33.9
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	104,600,716	68,077,062	36,523,653	53.7	116,563,080	78,731,032	37,832,048	48.1
10. TRUE UP COLLECTED (REFUNDED)	(10,764,480)	(10,764,480)	(0)	0.0	(41,211,719)	(41,211,717)	(2)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	73,538,414	59,154,725	14,383,689	24.3	73,538,414	59,154,725	14,383,689	24.3
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$73,538,414	59,154,725	14,383,689	24.3	\$73,538,414	59,154,725	14,383,689	24.3
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	\$104,600,716	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	73,512,587	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	178,113,303	N/A	--	--		NOT		
4. AVERAGE TRUE UP (50% OF LINE D3)	89,056,651	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.340	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.360	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.700	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.350	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.029	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$25,826	N/A	--	--				

A-3 Generating System Comparative Data Report

Duke Energy Florida, Inc.

Report Period: 5/1/2016 to 5/1/2016
Run Date: 6/17/2016 9:50:44AM

<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	1,391,758	366,898	1,024,860	279.3%
3 - COAL	26,515,970	29,375,993	(2,860,023)	(9.7%)
4 - GAS	62,894,953	71,541,948	(8,646,995)	(12.1%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	90,802,680	101,284,839	(10,482,159)	(10.3%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	5,428	0	5,428	0.0%
11 - COAL	650,012	804,833	(154,821)	(19.2%)
12 - GAS	1,830,729	2,147,744	(317,015)	(14.8%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	0	1,888	(1,888)	(100.0%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	2,486,169	2,954,465	(468,296)	(15.9%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	12,418	3,032	9,386	309.6%
19 - COAL (TON)	323,704	375,118	(51,414)	(13.7%)
20 - GAS (MCF)	16,750,343	16,757,339	(6,996)	(0.0%)
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	71,451	17,663	53,788	304.5%
26 - COAL	7,325,271	8,649,387	(1,324,116)	(15.3%)
27 - GAS	17,065,141	16,757,339	307,802	1.8%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	24,461,863	25,424,389	(962,526)	(3.8%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, Inc.

Report Period: 5/1/2016 to 5/1/2016
Run Date: 6/17/2016 9:50:44AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.00	0.2	0.0%
34 - COAL	26.1	27.24	(1.1)	(4.0%)
35 - GAS	73.6	72.69	0.9	1.3%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.0	0.10	(0.1)	(100.0%)
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)	112.08	121.01	(8.93)	(7.4%)
42 - COAL (\$/TON)	81.91	78.31	3.60	4.6%
43 - GAS (\$/MCF)	3.75	4.27	(0.51)	(12.0%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	19.48	20.77	(1.29)	(6.2%)
49 - COAL	3.62	3.40	0.22	6.6%
50 - GAS	3.69	4.27	(0.58)	(13.7%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
54 - SYSTEM (\$/MBTU)	3.71	3.98	(0.27)	(6.8%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	13,163	0	13,163	0.0%
57 - COAL	11,269	10,747	523	4.9%
58 - GAS	9,322	7,802	1,519	19.5%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	9,839	8,605	1,234	14.3%

A-3 Generating System Comparative Data Report

Duke Energy Florida, Inc.

Report Period: 5/1/2016 to 5/1/2016
Run Date: 6/17/2016 9:50:44AM

<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	25.64	0.00	25.64	0.0%
65 - COAL	4.08	3.65	0.43	11.8%
66 - GAS	3.44	3.33	0.10	3.1%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.65</u>	<u>3.43</u>	<u>0.22</u>	<u>6.5%</u>

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 5/1/2016 to 5/1/2016
Run Date: 6/3/2016 7:58:00AM

(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		240,931.00					Gas	2,458,271	1.021	2,509,895	9,099,884	3.777	3.702
	521	240,931.00	62		10,417					2,509,895	9,099,884	3.777	
TOTAL UNIT 2		199,774.00					Gas	2,100,805	1.021	2,144,922	7,776,637	3.893	3.702
	520	199,774.00	52		10,737					2,144,922	7,776,637	3.893	
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													
		84,959.00					Coal	43,497	22.676	986,338	4,044,938	4.761	92.993
		0.00					No 2	524	5.733	3,004	52,488	0.000	100.169
TOTAL UNIT 1	330	84,959.00	35		11,645					989,342	4,097,426	4.823	
		66,603.00					Coal	37,614	22.676	852,935	3,497,857	5.252	92.993
		0.00					No 2	408	5.733	2,339	40,869	0.000	100.169
TOTAL UNIT 2	445	66,603.00	20		12,841					855,274	3,538,726	5.313	
Crystal River 4 & 5													
		199,549.00					Coal	97,694	22.614	2,209,252	7,640,638	3.829	78.210
		0.00					No 2	1,815	5.749	10,434	181,772	0.000	100.150
TOTAL UNIT 4	712	199,549.00	38		11,124					2,219,686	7,822,410	3.920	
		301,125.00					Coal	144,899	22.614	3,276,746	11,332,537	3.763	78.210
		0.00					No 2	1,605	5.749	9,227	160,740	0.000	100.150
TOTAL UNIT 5	710	301,125.00	57		10,912					3,285,973	11,493,277	3.817	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 5/1/2016 to 5/1/2016

Run Date: 6/3/2016 7:58:00AM

(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			0.00			0				0	0	0.000	
		13,291.00					Gas	176,548	1.021	180,256	649,014	4.883	3.676
TOTAL UNIT 2	29	13,291.00	62			13,562				180,256	649,014	4.883	
		24,387.00					Gas	317,944	1.021	324,621	1,168,805	4.793	3.676
TOTAL UNIT 3	71	24,387.00	46			13,311				324,621	1,168,805	4.793	
TOTAL Steam:	3,338	1,130,619.00				11,065				12,509,968	45,646,179	4.037	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 5/1/2016 to 5/1/2016

Run Date: 6/3/2016 7:58:00AM

(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														
		10.54					No 2	32		5,816	186	3,035	28.791	94.835
TOTAL APP		293.56					Gas	5,077		1,021	5,184	18,840	6.418	3.711
	50	304.10	1			17,658				5,370	21,875	7.193		
Bartow Combined Cycle														
		405,293.00					Gas	4,455,107		1,017	4,530,844	17,010,860	4.197	3.818
TOTAL BCC	676	405,293.00	81			11,179				4,530,844	17,010,860	4.197		
Bartow Peaker														
		1,159.66					No 2	1,068		5,712	6,100	114,438	9.868	107.151
TOTAL BAP		3,580.34					Gas	18,447		1,021	18,834	67,666	1.890	3.668
	175	4,740.00	4			5,261				24,935	182,104	3.842		
Bayboro Peaker														
		952.90					No 2	2,444		5,712	13,960	361,647	37.952	147.973
TOTAL BYP	174	952.90	1			14,650				13,960	361,647	37.952		
Debary Peaker														
		723.43					No 2	1,764		5,777	10,191	201,993	27.922	114.509
TOTAL DEP		17,743.57					Gas	244,336		1,023	249,956	909,609	5.126	3.723
	637	18,467.00	4			14,087				260,147	1,111,603	6.019		
Higgins Peaker														
		2,352.70					Gas	43,312		1,021	44,222	161,013	6.844	3.718
TOTAL HGP	114	2,352.70	3			18,796				44,222	161,013	6.844		
Hines Energy														
		835,947.60					Gas	5,954,426		1,018	6,061,606	22,535,567	2.696	3.785
TOTAL HEP	1,424	835,947.60	79			7,251				6,061,606	22,535,567	2.696		
Intercession City Peaker														
		1,114.61					No 2	2,568		5,802	14,899	257,242	23.079	100.172
TOTAL ICP		38,300.12					Gas	503,385		1,017	511,943	1,912,138	4.993	3.799
	984	39,414.73	5			13,367				526,841	2,169,380	5.504		
Suwannee Peaker														
		94.19					No 2	191		5,817	1,111	17,535	18.617	91.807
TOTAL SRP		6,784.11					Gas	78,381		1,021	80,027	290,956	4.289	3.712
	155	6,878.30	6			11,796				81,138	308,491	4.485		
Tiger Bay Cogen														
		6,556.00					Gas	72,494		1,020	73,944	274,410	4.186	3.785
TOTAL TBP	205	6,556.00	4			11,279				73,944	274,410	4.186		

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 5/1/2016 to 5/1/2016
Run Date: 6/3/2016 7:58:00AM

(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
		34,644.00					Gas	321,810	1.022	328,890	1,019,551	2.943	3.168
TOTAL UFP													
	46	34,644.00	101			9,493				328,890	1,019,551	2.943	
TOTAL Gas Turbine:													
	4,640	1,355,550.33				8,817				11,951,895	45,156,501	3.331	
SYSTEM TOTAL:	7,978	2,486,169.33				9,839				24,461,863	90,802,680	3.652	

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 5/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:00:24AM

	<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)	37,332	3,032	34,300	1131.3%
20 - UNIT COST (\$/BBL)	63.15	121.01	(57.86)	(47.8%)
21 - AMOUNT (\$)	2,357,603	366,898	1,990,705	542.6%
22 - BURNED				
23 - UNITS (BBL)	12,418	3,032	9,386	309.6%
24 - UNIT COST (\$/BBL)	112.08	121.01	(8.93)	(7.4%)
25 - AMOUNT (\$)	1,391,758	366,898	1,024,860	279.3%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	975,390	955,960	19,430	2.0%
31 - UNIT COST (\$/BBL)	110.58	121.01	(10.43)	(8.6%)
32 - AMOUNT (\$)	107,854,475	115,680,720	(7,826,245)	(6.8%)
33 -				
34 - DAYS SUPPLY	2,435	9,459	(7,024)	(74.3%)

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 5/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:00:24AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	238,017	375,118	(137,101)	(36.5%)
37 - UNIT COST (\$/TON)	86.85	78.31	8.54	10.9%
38 - AMOUNT (\$)	20,672,017	29,375,993	(8,703,976)	(29.6%)
39 - BURNED				
40 - UNITS (TON)	323,704	375,118	(51,414)	(13.7%)
41 - UNIT COST (\$/TON)	81.91	78.31	3.60	4.6%
42 - AMOUNT (\$)	26,515,970	29,375,993	(2,860,023)	(9.7%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	732,106	965,095	(232,989)	(24.1%)
48 - UNIT COST (\$/TON)	82.55	78.31	4.24	5.4%
49 - AMOUNT (\$)	60,432,508	75,576,589	(15,144,081)	(20.0%)
50 -				
51 - DAYS SUPPLY	70	77	(7)	(9.2%)
OTHER				
52				
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A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 5/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:00:24AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	16,750,343	16,757,339	(6,996)	(0.0%)
68 - UNIT COST (\$/MCF)	3.75	4.27	(0.51)	(12.0%)
69 - AMOUNT (\$)	62,894,953	71,541,948	(8,646,995)	(12.1%)
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

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

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

LIGHT OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

COAL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$ -	TOTAL

A-3 Generating System Comparative Data Report

Duke Energy Florida, Inc.

Report Period: 1/1/2016 to 5/1/2016
Run Date: 6/17/2016 8:19:14AM

<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	5,581,511	1,716,788	3,864,723	225.1%
3 - COAL	109,520,157	133,448,976	(23,928,819)	(17.9%)
4 - GAS	315,260,099	330,355,498	(15,095,399)	(4.6%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	430,361,767	465,521,262	(35,159,495)	(7.6%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	20,960	771	20,189	2,618.5%
11 - COAL	2,786,883	3,630,596	(843,713)	(23.2%)
12 - GAS	9,676,051	9,544,850	131,201	1.4%
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	0	5,646	(5,646)	(100.0%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	12,483,894	13,181,863	(697,969)	(5.3%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	45,399	15,764	29,635	188.0%
19 - COAL (TON)	1,361,155	1,660,916	(299,761)	(18.0%)
20 - GAS (MCF)	77,859,140	72,580,405	5,278,735	7.3%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	261,617	91,677	169,940	185.4%
26 - COAL	30,735,802	38,264,154	(7,528,352)	(19.7%)
27 - GAS	79,583,234	72,580,405	7,002,829	9.6%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	110,580,653	110,936,236	(355,583)	(0.3%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, Inc.

Report Period: 1/1/2016 to 5/1/2016
Run Date: 6/17/2016 8:19:14AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.01	0.2	2770.5%
34 - COAL	22.3	27.54	(5.2)	(18.9%)
35 - GAS	77.5	72.41	5.1	7.0%
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)	122.94	108.91	14.04	12.9%
42 - COAL (\$/TON)	80.46	80.35	0.11	0.1%
43 - GAS (\$/MCF)	4.05	4.55	(0.50)	(11.0%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	21.33	18.73	2.61	13.9%
49 - COAL	3.56	3.49	0.08	2.2%
50 - GAS	3.96	4.55	(0.59)	(13.0%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
54 - SYSTEM (\$/MBTU)	3.89	4.20	(0.30)	(7.3%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,482	118,907	(106,425)	(89.5%)
57 - COAL	11,029	10,539	489	4.6%
58 - GAS	8,225	7,604	621	8.2%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,858	8,416	442	5.3%

A-3 Generating System Comparative Data Report

Duke Energy Florida, Inc.

Report Period: 1/1/2016 to 5/1/2016
Run Date: 6/17/2016 8:19:14AM

<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	26.63	222.67	(196.04)	(88.0%)
65 - COAL	3.93	3.68	0.25	6.9%
66 - GAS	3.26	3.46	(0.20)	(5.9%)
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
70 - SYSTEM (CENTS/KWH)	3.45	3.53	(0.08)	(2.4%)

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:03:36AM

(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		736,345.00					Gas	7,423,575	1.024	7,598,949	29,517,239	4.009	3.976
	524	736,345.00	39		10,320					7,598,949	29,517,239	4.009	
TOTAL UNIT 2		726,825.00					Gas	7,603,193	1.024	7,782,413	30,480,954	4.194	4.009
	524	726,825.00	38		10,707					7,782,413	30,480,954	4.194	
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		174,741.00					Coal	91,203	23.444	2,138,207	8,333,065	4.769	91.368
		0.00					No 2	4,881	5.759	28,109	631,810	0.000	129.443
	372	174,741.00	13		12,397					2,166,316	8,964,876	5.130	
TOTAL UNIT 2		202,578.00					Coal	108,992	22.743	2,478,774	9,848,592	4.862	90.361
		0.00					No 2	3,293	5.763	18,977	432,591	0.000	131.367
	503	202,578.00	11		12,330					2,497,751	10,281,183	5.075	
Crystal River 4 & 5													
TOTAL UNIT 4		1,040,744.00					Coal	504,288	22.519	11,355,997	39,652,458	3.810	78.631
		0.00					No 2	8,410	5.756	48,404	1,059,097	0.000	125.933
	721	1,040,744.00	40		10,958					11,404,401	40,711,556	3.912	
TOTAL UNIT 5		1,381,860.00					Coal	656,672	22.481	14,762,824	51,686,041	3.740	78.709
		0.00					No 2	9,562	5.756	55,036	1,219,234	0.000	127.508
	721	1,381,860.00	53		10,723					14,817,860	52,905,275	3.829	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:03:36AM

(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		34,223.00					Gas	471,154	1.025	482,995	2,002,333	5.851	4.250
	28	34,223.00	34			14,113				482,995	2,002,333	5.851	
TOTAL UNIT 2		28,764.00					Gas	409,110	1.023	418,381	1,635,971	5.688	3.999
	29	28,764.00	27			14,545				418,381	1,635,971	5.688	
TOTAL UNIT 3		137,881.00					Gas	1,651,436	1.024	1,691,143	6,879,414	4.989	4.166
	73	137,881.00	52			12,265				1,691,143	6,879,414	4.989	
TOTAL Steam:	3,338	4,463,961.00				10,945				48,860,209	183,378,801	4.108	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:03:36AM

(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													
		56.40					No 2	171	5.816	995	16,217	28.751	94.835
TOTAL APP		1,125.00					Gas	19,378	1.024	19,837	76,949	6.840	3.971
	62	1,181.40	1			17,633				20,832	93,166	7.886	
Bartow Combined Cycle													
TOTAL BCC		2,484,884.00					Gas	19,844,076	1.021	20,259,521	80,029,379	3.221	4.033
	1,144	2,484,884.00	60			8,153				20,259,521	80,029,379	3.221	
Bartow Peaker													
TOTAL BAP		616.24					No 2	1,272	5.712	7,266	136,297	22.118	107.151
		14,981.76					Gas	172,505	1.024	176,640	690,827	4.611	4.005
	197	15,598.00	2			11,790				183,906	827,124	5.303	
Bayboro Peaker													
TOTAL BYP		1,610.00					No 2	4,091	5.712	23,368	605,376	37.601	147.978
	197	1,610.00	0			14,514				23,368	605,376	37.601	
Debary Peaker													
TOTAL DEP		1,774.94					No 2	4,296	5.775	24,808	491,929	27.715	114.509
		47,862.06					Gas	653,383	1.024	668,959	2,558,575	5.346	3.916
	676	49,637.00	2			13,977				693,767	3,050,504	6.146	
Higgins Peaker													
TOTAL HGP		8,428.70					Gas	148,425	1.023	151,902	602,516	7.148	4.059
	117	8,428.70	2			18,022				151,902	602,516	7.148	
Hines Energy													
TOTAL HEP		5,179,803.60					Gas	36,421,388	1.022	37,223,172	149,665,330	2.889	4.109
	2,096	5,179,803.60	68			7,186				37,223,172	149,665,330	2.889	
Intercession City Peaker													
TOTAL ICP		3,886.20					No 2	8,901	5.799	51,616	929,930	23.929	104.475
		95,973.04					Gas	1,249,892	1.020	1,274,706	4,908,231	5.114	3.927
	1,098	99,859.24	2			13,282				1,326,322	5,838,162	5.846	
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		115.59					No 2	226	5.817	1,315	20,754	17.955	91.832
		18,693.51					Gas	207,743	1.023	212,608	655,945	3.509	3.157
	181	18,809.10	3			11,373				213,923	676,699	3.598	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:03:36AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Tiger Bay Cogen													
TOTAL TBP		6,557.00					Gas	72,494	1.020	73,944	263,599	4.020	3.636
	103	6,557.00	2			11,277				73,944	263,599	4.020	
Turner Peaker													
TOTAL TUP		101.00					No 2	288	5.762	1,659	37,034	36.668	128.591
	78	101.00	0			16,431				1,659	37,034	36.668	
Univ of Florida Cogen													
TOTAL UFP		0.00					No 2	0	0.000	0	0	0.000	0.000
		153,464.90					Gas	1,511,388	1.024	1,548,063	5,292,836	3.449	3.502
	47	153,464.90	89			10,087				1,548,063	5,292,836	3.449	
TOTAL Gas Turbine:													
	6,009	8,019,933.94				7,696				61,720,444	246,982,966	3.080	
SYSTEM TOTAL:													
	9,347	12,483,894.94				8,858				110,580,653	430,361,767	3.447	

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:04:36AM

	<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)	64,830	15,764	49,066	311.3%
20 - UNIT COST (\$/BBL)	74.29	108.91	(34.61)	(31.8%)
21 - AMOUNT (\$)	4,816,310	1,716,788	3,099,522	180.5%
22 - BURNED				
23 - UNITS (BBL)	45,399	15,764	29,635	188.0%
24 - UNIT COST (\$/BBL)	122.94	108.91	14.04	12.9%
25 - AMOUNT (\$)	5,581,511	1,716,788	3,864,723	225.1%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	975,390	955,960	19,430	2.0%
31 - UNIT COST (\$/BBL)	110.58	121.01	(10.43)	(8.6%)
32 - AMOUNT (\$)	107,854,475	115,680,720	(7,826,245)	(6.8%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:04:36AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,128,166	1,660,916	(532,750)	(32.1%)
37 - UNIT COST (\$/TON)	79.56	80.35	(0.79)	(1.0%)
38 - AMOUNT (\$)	89,758,053	133,448,976	(43,690,923)	(32.7%)
39 - BURNED				
40 - UNITS (TON)	1,361,155	1,660,916	(299,761)	(18.0%)
41 - UNIT COST (\$/TON)	80.46	80.35	0.11	0.1%
42 - AMOUNT (\$)	109,520,157	133,448,976	(23,928,819)	(17.9%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	732,106	965,095	(232,989)	(24.1%)
48 - UNIT COST (\$/TON)	82.55	78.31	4.24	5.4%
49 - AMOUNT (\$)	60,432,508	75,576,589	(15,144,081)	(20.0%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
OTHER				
52				
53				
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A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 5/1/2016

Run Date: 6/3/2016 8:04:36AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	77,859,140	72,580,405	5,278,735	7.3%
68 - UNIT COST (\$/MCF)	4.05	4.55	(0.50)	(11.0%)
69 - AMOUNT (\$)	315,260,099	330,355,498	(15,095,399)	(4.6%)
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

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 A6
Power Sold for the Month of
May 2016

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(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
ESTIMATED		17,070		17,070	3.032	3.730	517,616.00	636,730.00	119,114.00
ACTUAL									
Reedy Creek Improvement District	Schedule C	5		5	2.042	2.488	102.10	124.40	22.30
The Energy Authority, Inc.	Schedule OS	369		369	2.326	3.003	8,581.32	11,082.80	2,501.48
Tallahassee (City of)	CR-1	100		100	3.185	3.819	3,185.00	3,819.06	634.06
Tallahassee (City of)	Schedule A	50		50	3.435	4.465	1,717.50	2,232.50	515.00
Southern Company Services, Inc.	EEl	0		0	0.000	0.000	0.00	277.65	277.65
PJM Settlements, Inc	MR1	0		0	0.000	0.000	0.00	(21,342.21)	(21,342.21)
Subtotal - Gain on Other Power Sales		524	-	524	2.593	(0.726)	13,585.92	(3,805.80)	(17,391.72)
CURRENT MONTH TOTAL		524		524	2.593	(0.726)	13,585.92	(3,805.80)	(17,391.72)
DIFFERENCE		(16,546)		(16,546)	(0.439)	(4.456)	(504,030.08)	(640,535.80)	(136,505.72)
DIFFERENCE %		(96.93)		(96.93)	(14.488)	(119.47)	(97.38)	(100.60)	(114.60)
CUMULATIVE ACTUAL		41,458		41,458	2.484	3.121	1,029,731.04	1,294,089.80	264,358.76
CUMULATIVE ESTIMATED		90,415		90,415	2.588	3.176	2,339,756.00	2,871,319.00	531,563.00
DIFFERENCE		(48,957)		(48,957)	-0.104	(0.054)	(1,310,024.96)	(1,577,229.20)	(267,204.24)
DIFFERENCE %		(54.15)		(54.15)	(4.02)	(1.71)	(55.99)	(54.93)	(50.27)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
MAY, 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		336,987			336,987	3.642	3.642	12,274,548.00	12,274,548.00
ACTUAL									
Osprey Energy Center	TOLL	151,769			151,769	2.927	2.927	4,442,159.93	4,442,159.93
Shady Hills Power Company, L.L.C.	TOLL	259,987			259,987	4.098	4.098	10,655,379.90	10,655,379.90
Southern Company Services, Inc.	Scherer	2,478			2,478	3.710	3.710	91,923.29	91,923.29
Southern Power Company	Franklin	158,500			158,500	2.314	2.314	3,667,975.08	3,667,975.08
Vandolah Power Company L.L.C.	TOLL	340,994			340,994	4.118	4.118	14,041,381.58	14,041,381.58
Calpine Energy Services, L.P.	TOLL	0			-	-	-	-	-
ADJUSTMENTS									
Calpine Energy Services, L.P.	TOLL	-			-	-	-	13,521.51	13,521.51
Osprey Energy Center	TOLL	-			-	-	-	(51,882.29)	(51,882.29)
Shady Hills Power Company, L.L.C.	TOLL	10,394			10,394	(0.138)	(0.138)	(14,308.36)	(14,308.36)
Southern Company Services, Inc.	Scherer	-			-	-	-	177.29	177.29
Southern Power Company	Franklin	-			-	-	-	26,063.68	26,063.68
Vandolah Power Company L.L.C.	TOLL	14,281			14,281	(0.380)	(0.380)	(54,257.72)	(54,257.72)
CURRENT MONTH TOTAL		938,403			938,403	3.497	3.497	32,818,133.89	32,818,133.89
DIFFERENCE		601,416.00			601,416	(0.145)	(0.145)	20,543,585.89	20,543,585.89
DIFFERENCE %		178.47			178.47	(3.97)	(3.975)	167.37	167.37
CUMULATIVE ACTUAL		2,231,873			2,231,873	3.516	3.516	78,478,313.51	78,478,313.51
CUMULATIVE ESTIMATED		1,232,880			1,232,880	3.801	3.801	46,864,927.00	46,864,927.00
DIFFERENCE		998,993.00			998,993.00	(0.285)	(0.285)	31,613,386.51	31,613,386.51
DIFFERENCE %		81			81	(7.50)	(7.50)	67.46	67.46

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
MAY, 2016

(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		288,794	-	-	288,794	4.196	12.085	12,118,970.00
ACTUAL								
Auburndale Power Partners, L.P. (AUBRDLAS) ADJ	CO-GEN	-	-	-	-	-	0.000	-
SI Group Energy, LLC (SIGROUP) ADJ	CO-GEN	-	-	-	-	-	0.000	-
Auburndale Power Partners, L.P. (AUBSET) ADJ	CO-GEN	-	-	-	-	-	0.000	-
Florida Power Development (FLACRUSH) ADJ	CO-GEN	21,150	-	-	21,150	7.523	7.523	1,591,114.50 511,443.14
Citrus World (CITRUS) ADJ	CO-GEN	12 7	-	-	12 7	1.976	1.976	235.93 158.69
Lake County (LAKCOUNT) ADJ	CO-GEN	735	-	-	735	2.211	2.211	16,250.85 1,542.90
Lake Cogen Limited (LAKORDER) ADJ	CO-GEN	-	-	-	-	-	0.000	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	-	-	-	-	-	0.000	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	15,464	-	-	15,464	2.071	2.071	320,259.44 10,866.10
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,158	-	-	1,158	2.257	2.257	26,136.06 4,323.20
Ornage Cogen (ORANGECO) ADJ	CO-GEN	39,942	-	-	39,942	3.854	3.854	1,539,364.68 14,949.55
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	88,610	-	-	88,610	4.925	4.925	4,364,042.50 109,722.48
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-	-	-	-	-	0.000	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	18,696	-	-	18,696	2.177	2.177	407,011.92 28,490.96
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	-	(15)	-	(15)	-	0.000	(259.18)
PCS Phosphate (OCWHSPRS) ADJ	CO-GEN	-	-	-	-	-	0.000	-
Perpetual Energy (PRPETUAL) ADJ	CO-GEN	-	-	-	-	-	0.000	-
Pinellas County Resource Recovery ADJ	CO-GEN	34,233	-	-	34,233	2.171	2.171	743,198.43 71,846.09
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	28,347	-	-	28,347	2.574	2.574	729,651.78 8,678.31
Wheeler Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	8,380	-	-	8,380	-	-	-
Auburndale Power Partners, L.P. (AUBEST) ADJ	CO-GEN	-	-	-	-	-	-	-
Florida Power Development (FCRUSHAS) ADJ	CO-GEN	-	-	-	-	-	-	-
Orange Cogen (ORANCECO) ADJ	CO-GEN	-	-	-	-	-	-	-
Orange Cogen (ORNAGECO) ADJ	CO-GEN	-	-	-	-	-	-	-
Auburndale Power Partners, L.P. (AUBRDLFC) ADJ	CO-GEN	-	-	-	-	-	-	-
CURRENT MONTH TOTAL		256,719			256,719	4.090	4.090	10,499,028.33
DIFFERENCE		(32,075)			(32,075)	(0.106)	-7.995	(1,619,941.67)
DIFFERENCE %		(11)			(11)	(2.53)	-190.545944	(13.37)
CUMULATIVE ACTUAL		1,214,803			1,214,803	3.8	3.754	45,604,618.34
CUMULATIVE ESTIMATED		1,417,195			1,417,195	4	4.291	60,808,597.00
CUMULATIVE DIFFERENCE		(202,392)			(202,392)	(1)	-0.537	(15,203,978.66)
CUMULATIVE DIFFERENCE %		(14)			(14)	(13)	-12.51	(25.00)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
MAY, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
ESTIMATED		6,180	5.006	309,373	5.897	364,401	55,028
ACTUAL:							
Florida Power & Light Company	Schedule C	100	2.325	2,324.94	3.762	3,762.09	1,437.15
Orlando Utilities Commission	Schedule C	49	2.737	1,341.13	4.462	2,186.38	845.25
SubTotal - Energy Purchases (Broker)		149	2.460	3,666.07	3.992	5,948.47	2,282.40
SEPA	Hydro	4,960	0.000	174,444.24	0.000	174,444.24	-
Duke Electric Transmission	Transmission Purchase	-	0.000	-	0.000	-	-
Exelon Generation Company, LLC	InternationalSwapsDerivativesAssoc	1,850	2.400	44,395.00	2.903	53,710.99	9,315.99
Florida Power & Light Company	Transmission Purchase	-	0.000	371.99	0.000	-	(371.99)
Florida Power & Light Company		800	3.175	25,400.00	6.777	54,216.25	28,816.25
Morgan Stanley Capital Group, Inc	EEl	2,549	2.849	72,620.00	3.263	83,166.09	10,546.09
Orlando Utilities Commission	Transmission Purchase	-	0.000	100.00	0.000	-	(100.00)
Southern Company Services, Inc	EEl	203	3.067	6,225.00	3.452	7,008.56	783.56
Tampa Electric Company	Transmission Purchase	-	0.000	59,304.65	0.000	-	(59,304.65)
Tampa Electric Company	Generator Imbalance			(10,948.47)			10,948.47
The Energy Authority, Inc.	EEl	652	2.894	18,870.00	3.636	23,707.42	4,837.42
ADJUSTMENTS							
Pennsylvania-New Jersey-Maryland Int.	MR1	-	0.000	6,213.81	0.000	-	(6,213.81)
Southern Company Services, Inc	Transmission Purchase	-	0.000	381.16	0.000	-	(381.16)
Tampa Electric Company	Transmission Purchase	-	0.000	5,601.41	0.000	-	(5,601.41)
SubTotal - Energy Purchases (Non-Broker)		11,014	3.659	402,978.79	3.598	396,253.55	(6,725.24)
CURRENT MONTH TOTAL		11,163	3.643	406,644.86	3.603	402,202.02	(4,442.84)
DIFFERENCE		4,983	(1.363)	97,271.86	(2.294)	37,801.02	(59,470.84)
DIFFERENCE %		81	(27.231)	31.44	(38.901)	10.37	(108.07)
CUMULATIVE ACTUAL		31,646	3.865	1,223,223.29	4.117	1,302,826.72	79,603.43
CUMULATIVE ESTIMATED		30,591	5.055	1,546,381.00	5.532	1,692,165.00	145,784.00
DIFFERENCE		1,055	(1.190)	(323,157.71)	(1.415)	(389,338.28)	(66,180.57)
DIFFERENCE %		3	(23.535)	(20.90)	(25.575)	(23.01)	(45.40)

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. (AUBRDLCF)	QF	17.00	1/1/95 - 12/31/13	0	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	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	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	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	0
6 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	3,266,545	4,826,219	4,826,219	4,826,219	4,826,219	0	0	0	0	0	0	0	22,571,421
7 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	13,409,604	4,854,074	4,854,074	4,854,074	4,854,074	0	0	0	0	0	0	0	32,825,899
8 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,577,570	1,677,850	1,677,850	1,677,850	1,677,850	0	0	0	0	0	0	0	8,288,970
9 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	3,755,303	3,994,013	3,994,013	3,994,013	3,994,013	0	0	0	0	0	0	0	19,731,353
10 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	6,306,018	6,627,741	6,627,741	6,627,741	6,627,741	0	0	0	0	0	0	0	32,816,982
11 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	603,090	584,735	575,947	555,284	532,520	0	0	0	0	0	0	0	2,851,577
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	0
13 Southern purchase - Scherer	Other	74	6/1/10 - 5/31/16	2,149,228	1,826,729	1,773,417	1,774,164	1,775,120	0	0	0	0	0	0	0	9,298,659
14 Southern purchase - Franklin	Other	350	6/1/10 - 5/31/16	3,201,566	3,298,621	3,206,417	3,469,625	3,102,253	0	0	0	0	0	0	0	16,278,482
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	0
16 Other: NEIL insurance proceeds				0	0	0	0	0	0	0	0	0	0	0	0	0
17 Retail Wheeling				(33,737)	(1,790)	(6,527)	(149,519)	(1,545)	0	0	0	0	0	0	0	(193,118)
18 Levy Projected Expense				0	0	0	0	0	0	0	0	0	0	0	0	0
19 CR-3 Projected Expense				4,861,279	4,833,013	4,804,746	4,776,479	4,748,212	0	0	0	0	0	0	0	24,023,729
SUBTOTAL				39,096,466	32,521,204	32,333,896	32,405,930	32,136,457	0	0	0	0	0	0	0	168,493,954
Confidential Capacity Contracts (Aggregated):																
Purchases/Sales (Net)	Other	MW	Contracts													
Total		1,176	4	5,972,745	6,237,873	5,116,096	4,987,029	6,360,680	0	0	0	0	0	0	0	28,674,422
TOTAL				45,069,211	38,759,077	37,449,992	37,392,959	38,497,137	0	0	0	0	0	0	0	197,168,376

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