



DIANNE M. TRIPLETT
ASSOCIATE GENERAL COUNSEL

August 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:

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

/s/ Dianne M. Triplett

Dianne M. Triplett
Associate General Counsel

DMT/db
Attachments

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 July 2016 have been furnished to the following individuals via e-mail on this 19th day of August, 2016.

/s/ Dianne M. Triplett

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

JULY 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)	130,690,882	109,016,680	21,674,202	19.9	3,564,870	3,361,508	203,362	6.1	3.6661	3.2431	0.4230	13.0
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	(22,155)	(10,408)	(11,747)	112.9	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	130,668,727	109,006,272	21,662,455	19.9	3,564,870	3,361,508	203,362	6.1	3.6655	3.2428	0.4227	13.0
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	32,682,139	19,600,235	13,081,904	66.7	788,327	532,876	255,451	47.9	4.1458	3.6782	0.4676	12.7
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	1,082	0	1,082	0.0	49	0	49	0.0	2.2080	0.0000	2.2080	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	951,707	333,772	617,935	185.1	17,911	6,283	11,628	185.1	5.3135	5.3126	0.0009	0.0
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)	13,090,689	12,163,262	927,427	7.6	252,912	288,645	(35,733)	(12.4)	5.1760	4.2139	0.9621	22.8
12 TOTAL COST OF PURCHASED POWER	46,725,617	32,097,269	14,628,348	45.6	1,059,199	827,804	231,395	28.0	4.4114	3.8774	0.5340	13.8
13 TOTAL AVAILABLE MWH					4,624,069	4,189,312	434,757	10.4				
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)	(4,165)	(460,190)	456,025	(99.1)	(185)	(14,820)	14,635	(98.8)	2.2515	3.1052	(0.8537)	(27.5)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(5,416)	(105,899)	100,483	(94.9)	(185)	(14,820)	14,635	(98.8)	2.9277	0.7146	2.2131	309.7
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(5,564,283)	(2,392,027)	(3,172,256)	132.6	(204,174)	(108,069)	(96,105)	88.9	2.7253	2.2134	0.5119	23.1
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(5,573,864)	(2,958,116)	(2,615,749)	88.4	(204,359)	(122,889)	(81,470)	66.3	2.7275	2.4071	0.3204	13.3
19 NET INADVERTENT AND WHEELED INTERCHANGE					21,128	0	21,128					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	171,820,480	138,145,425	33,675,055	24.4	4,440,838	4,066,423	374,415	9.2	3.8691	3.3972	0.4719	13.9
21 NET UNBILLED	6,547,098	3,540,727	3,006,371	84.9	(169,215)	(104,224)	(64,991)	62.4	0.1651	0.0945	0.0706	74.7
22 COMPANY USE	554,660	407,667	146,993	36.1	(14,336)	(12,000)	(2,336)	19.5	0.0140	0.0109	0.0031	28.4
23 T & D LOSSES	11,333,175	6,899,146	4,434,029	64.3	(292,915)	(203,082)	(89,833)	44.2	0.2859	0.1841	0.1018	55.3
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	171,820,480	138,145,425	33,675,055	24.4	3,964,373	3,747,117	217,256	5.8	4.3341	3.6867	0.6474	17.6
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,563,566)	(842,687)	(720,879)	85.6	(36,213)	(22,901)	(13,312)	58.1	4.3177	3.6797	0.6380	17.3
26 JURISDICTIONAL KWH SALES	170,256,914	137,302,738	32,954,176	24.0	3,928,160	3,724,216	203,944	5.5	4.3343	3.6868	0.6475	17.6
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	170,325,016	137,374,136	32,950,881	24.0	3,928,160	3,724,216	203,944	5.5	4.3360	3.6887	0.6473	17.6
28 PRIOR PERIOD TRUE-UP	(10,764,480)	(10,764,480)	(0)	0.0	3,928,160	3,724,216	203,944	5.5	(0.2740)	(0.2890)	0.0150	(5.2)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	3,928,160	3,724,216	203,944	5.5	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	3,928,160	3,724,216	203,944	5.5	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	159,560,536	126,609,656	32,950,881	26.0	3,928,160	3,724,216	203,944	5.5	4.0620	3.3997	0.6623	19.5
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									4.0649	3.4021	0.6628	19.5
32 GPIF	(717,816)	(717,816)			3,928,160	3,724,216			(0.0183)	(0.0193)	0.0010	(5.2)
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.047	3.383	0.664	19.6

*Line 15a. MWH Data for Informational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - JULY 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)	671,560,131	678,281,081	(6,720,950)	(1.0)	19,107,901	19,747,313	(639,412)	(3.2)	3.5146	3.4348	0.0798	2.3
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	(124,127)	(10,133,557)	10,009,431	(98.8)	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	671,436,005	668,147,524	3,288,481	0.5	19,107,901	19,747,313	(639,412)	(3.2)	3.5139	3.3835	0.1304	3.9
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	142,769,151	83,865,215	58,903,936	70.2	3,896,195	2,247,916	1,648,279	73.3	3.6643	3.7308	(0.0665)	(1.8)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	8,862	0	8,862	0.0	390	0	390	0.0	2.2724	0.0000	2.2724	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	3,171,887	2,201,432	970,455	44.1	66,640	43,271	23,369	54.0	4.7597	5.0875	(0.3278)	(6.4)
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)	68,928,259	84,702,384	(15,774,124)	(18.6)	1,735,921	1,985,198	(249,277)	(12.6)	3.9707	4.2667	(0.2960)	(6.9)
12 TOTAL COST OF PURCHASED POWER	214,878,160	170,769,031	44,109,129	25.8	5,699,146	4,276,385	1,422,761	33.3	3.7704	3.9933	(0.2229)	(5.6)
13 TOTAL AVAILABLE MWH					24,807,047	24,023,698	783,349	3.3				
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)	(1,034,473)	(3,170,835)	2,136,362	(67.4)	(41,668)	(117,225)	75,557	(64.5)	2.4827	2.7049	(0.2222)	(8.2)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(269,747)	(722,811)	453,064	(62.7)	(41,668)	(117,225)	75,557	(64.5)	0.6474	0.6166	0.0308	5.0
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	(17,957,308)	(12,416,829)	(5,540,479)	44.6	(725,778)	(490,089)	(235,689)	48.1	2.4742	2.5336	(0.0594)	(2.3)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(19,261,528)	(16,310,475)	(2,951,053)	18.1	(767,446)	(607,314)	(160,132)	26.4	2.5098	2.6857	(0.1759)	(6.6)
19 NET INADVERTENT AND WHEELED INTERCHANGE					111,183	0	111,183					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	867,052,636	822,606,080	44,446,556	5.4	24,150,784	23,416,384	734,400	3.1	3.5902	3.5130	0.0772	2.2
21 NET UNBILLED	29,673,204	29,967,831	(294,627)	(1.0)	(826,514)	(859,068)	32,554	(3.8)	0.1358	0.1408	(0.0050)	(3.6)
22 COMPANY USE	3,060,127	2,959,891	100,236	3.4	(85,236)	(84,000)	(1,236)	1.5	0.0140	0.0139	0.0001	0.7
23 T & D LOSSES	50,012,629	42,066,350	7,946,279	18.9	(1,393,046)	(1,196,305)	(196,741)	16.5	0.2289	0.1977	0.0312	15.8
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	867,052,636	822,606,080	44,446,556	5.4	21,845,988	21,277,011	568,976	2.7	3.9689	3.8662	0.1027	2.7
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(9,312,733)	(5,051,020)	(4,261,713)	84.4	(235,546)	(130,182)	(105,364)	80.9	3.9537	3.8800	0.0737	1.9
26 JURISDICTIONAL KWH SALES	857,739,904	817,555,060	40,184,843	4.9	21,610,441	21,146,829	463,612	2.2	3.9691	3.8661	0.1030	2.7
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	858,107,172	817,980,189	40,126,983	4.9	21,610,441	21,146,829	463,612	2.2	3.9708	3.8681	0.1027	2.7
28 PRIOR PERIOD TRUE-UP	(62,740,679)	(62,740,677)	(2)	0.0	21,610,441	21,146,829	463,612	2.2	(0.2903)	(0.2967)	0.0064	(2.2)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	21,610,441	21,146,829	463,612	2.2	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	21,610,441	21,146,829	463,612	2.2	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	795,366,492	755,239,512	40,126,980	5.3	21,610,441	21,146,829	463,612	2.2	3.6805	3.5714	0.1091	3.1
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.6831	3.5740	0.1092	3.1
32 GPIF	(5,024,715)	(5,024,712)			21,610,441	21,146,829			(0.0233)	(0.0238)	0.0005	102.2
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.660	3.550	0.110	3.1

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JULY 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	\$130,690,882	109,016,680	\$21,674,202	19.9	\$671,560,131	\$678,281,081	(\$6,720,950)	(1.0)
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	(4,165)	(460,190)	456,025	(99.1)	(1,034,473)	(3,170,835)	2,136,362	(67.4)
2a. GAIN ON POWER SALES	(5,416)	(105,899)	100,483	(94.9)	(269,747)	(722,811)	453,064	(62.7)
3 . FUEL COST OF PURCHASED POWER	32,682,139	19,600,235	13,081,904	66.7	142,769,151	83,865,215	58,903,936	70.2
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	13,090,689	12,163,262	927,427	7.6	68,928,259	84,702,384	(15,774,124)	(18.6)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	952,789	333,772	619,017	185.5	3,180,750	2,201,432	979,318	44.5
5 . TOTAL FUEL & NET POWER TRANSACTIONS	177,406,917	140,547,860	36,859,058	26.2	885,134,071	845,156,466	39,977,605	4.7
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(5,564,283)	(2,392,027)	(3,172,256)	132.6	(17,957,308)	(12,416,829)	(5,540,479)	44.6
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(22,155)	(10,408)	(11,747)	112.9	(124,127)	(10,133,557)	10,009,431	(98.8)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$171,820,480	\$138,145,425	\$33,675,055	24.4	\$867,052,636	\$822,606,080	\$44,446,556	5.4

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}	910	0	910	7,750	0	7,750	
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	(23,072)	(10,408)	(12,664)	(140,826)	(72,855)	(67,971)	
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	
Bartow Outage Replacement Power	0	0	0	0	0	0	
Derivative Collateral Interest	8	0	8	8,949	0	8,949	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	(\$22,155)	(\$10,408)	(\$11,747)	(\$124,127)	(\$10,133,557)	\$10,009,431	

B. KWH SALES								
1 . JURISDICTIONAL SALES	3,928,160,155	3,724,216,000	203,944,155	5.5	21,610,442,347	21,146,829,316	463,613,031	2.2
2 . NON JURISDICTIONAL (WHOLESALE) SALES	36,212,692	22,901,000	13,311,692	58.1	235,546,151	130,182,000	105,364,151	80.9
3 . TOTAL SALES	3,964,372,847	3,747,117,000	217,255,847	5.8	21,845,988,498	21,277,011,316	568,977,182	2.7
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.09	99.39	(0.30)	(0.3)	98.92	99.39	(0.47)	(0.5)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$119,277,797	\$110,931,466	\$8,346,331	7.5	\$691,223,655	\$747,799,314	(\$56,575,659)	(7.6)
2. ADJUSTMENTS:	5,000,000	5,000,000	0	0.0	35,000,000	35,000,000	0	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	833,333	(0)	0.0	5,833,333	5,833,333	(0)	0.0
2b. INCREASE IN RETAIL FUEL RATE PER RRSSA	0	0	0	0.0	0	0	0	0.0
2c. TRUE UP PROVISION	10,764,480	10,764,480	0	0.0	62,740,679	62,740,677	2	0.0
2d. INCENTIVE PROVISION	717,816	717,816	0	0.0	5,024,715	5,024,712	3	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	136,593,427	128,247,095	8,346,332	6.5	799,822,382	856,398,036	(56,575,654)	(6.6)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	171,820,480	138,145,425	33,675,055	24.4	867,052,636	822,606,080	44,446,556	5.4
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.09	99.39	(0.30)	(0.3)	98.92	99.39	(0.47)	(0.5)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.0004 LOSS MULTIPLIER)	170,325,016	137,374,136	32,950,881	24.0	858,107,172	817,980,189	40,126,983	4.9
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(33,731,590)	(9,127,041)	(24,604,549)	269.6	(58,284,789)	38,417,848	(96,702,637)	(251.7)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	6,117	42,882	(36,764)	(85.7)	212,061	224,919	(12,857)	(5.7)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	40,239,626	74,481,761	(34,242,135)	(46.0)	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	(62,740,679)	(62,740,677)	(2)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(4,250,327)	54,633,122	(58,883,449)	(107.8)	(4,250,327)	54,633,122	(58,883,449)	(107.8)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$4,250,327)	54,633,122	(58,883,449)	(107.8)	(\$4,250,327)	54,633,122	(58,883,449)	(107.8)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	\$40,239,626	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(4,256,444)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	35,983,182	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	17,991,591	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.380	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.430	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.810	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.405	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.034	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$6,117	N/A	--	--				

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2016 to 7/1/2016
Run Date: 8/3/2016 10:42:16AM

<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	3,897,610	406,550	3,491,060	858.7%
3 - COAL	40,180,446	31,202,365	8,978,081	28.8%
4 - GAS	86,612,825	77,407,765	9,205,060	11.9%
5 - NUCLEAR	0	0	0	0.0%
6 SOLAR	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	130,690,882	109,016,680	21,674,202	19.9%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	15,173	755	14,418	1,909.6%
11 - COAL	1,073,701	871,357	202,344	23.2%
12 - GAS	2,475,351	2,487,724	(12,373)	(0.5%)
13 - NUCLEAR	0	0	0	0.0%
14 SOLAR	645	1,672	(1,027)	(61.4%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	3,564,870	3,361,508	203,362	6.1%
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	37,195	3,589	33,606	936.4%
19 - COAL (TON)	489,361	405,389	83,972	20.7%
20 - GAS (MCF)	20,320,218	19,265,126	1,055,092	5.5%
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	214,722	20,908	193,814	927.0%
26 - COAL	10,941,242	9,310,023	1,631,219	17.5%
27 - GAS	20,751,069	19,265,126	1,485,943	7.7%
28 - NUCLEAR	0	0	0	0.0%
29 SOLAR	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	31,907,033	28,596,057	3,310,976	11.6%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2016 to 7/1/2016
Run Date: 8/3/2016 10:42:16AM

<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	0.4	0.02	0.4	1795.0%
34 - COAL	30.1	25.92	4.2	16.2%
35 - GAS	69.4	74.01	(4.6)	(6.2%)
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 SOLAR	0.0	0.05	(0.0)	(63.6%)
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)	104.79	113.28	(8.49)	(7.5%)
42 - COAL (\$/TON)	82.11	76.97	5.14	6.7%
43 - GAS (\$/MCF)	4.26	4.02	0.24	6.1%
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	18.15	19.44	(1.29)	(6.6%)
49 - COAL	3.67	3.35	0.32	9.6%
50 - GAS	4.17	4.02	0.16	3.9%
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52 SOLAR	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
54 - SYSTEM (\$/MBTU)	4.10	3.81	0.28	7.4%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	14,152	27,693	(13,541)	(48.9%)
57 - COAL	10,190	10,685	(494)	(4.6%)
58 - GAS	8,383	7,744	639	8.3%
59 - NUCLEAR	0	0	0	0.0%
60 SOLAR	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,952	8,507	445	5.2%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2016 to 7/1/2016

Run Date: 8/3/2016 10:42:16AM

<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	25.69	53.85	(28.16)	(52.3%)
65 - COAL	3.74	3.58	0.16	4.5%
66 - GAS	3.50	3.11	0.39	12.5%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68 SOLAR	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM</u>	<u>3.67</u>	<u>3.24</u>	<u>0.42</u>	<u>13.1%</u>

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 7/1/2016 to 7/1/2016
Run Date: 8/3/2016 10:42:23AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATIO (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYP E	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL PER UNIT 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		207,897.00					Gas	2,275,442	1.019	2,318,675	9,706,927	4.669	4.266
	521	207,897.00	54			11,153				2,318,675	9,706,927	4.669	
TOTAL UNIT 2		182,665.00					Gas	1,964,706	1.019	2,002,035	8,381,342	4.588	4.266
	520	182,665.00	47			10,960				2,002,035	8,381,342	4.588	
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		97,093.00					Coal	49,639	22.366	1,110,226	4,563,058	4.700	91.925
		0.00					No 2	251	5.733	1,439	22,021	0.000	87.735
	330	97,093.00	40			11,449				1,111,665	4,585,079	4.722	
TOTAL UNIT 2		107,104.00					Coal	59,116	22.366	1,322,188	5,434,230	5.074	91.925
		0.00					No 2	275	5.733	1,576	24,127	0.000	87.735
	445	107,104.00	32			12,360				1,323,765	5,458,357	5.096	
Crystal River 4 & 5													
TOTAL UNIT 4		431,436.00					Coal	189,966	22.356	4,246,880	15,064,854	3.492	79.303
		0.00					No 2	1,405	5.796	8,143	123,094	0.000	87.611
	712	431,436.00	81			9,862				4,255,023	15,187,948	3.520	
TOTAL UNIT 5		439,920.00					Coal	190,640	22.356	4,261,948	15,118,304	3.437	79.303
		0.00					No 2	1,309	5.730	7,501	114,683	0.000	87.611
	710	439,920.00	83			9,705				4,269,448	15,232,987	3.463	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 7/1/2016 to 7/1/2016
Run Date: 8/3/2016 10:42:23AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATIO (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYP E	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL PER UNIT (\$)
Steam													
Suwannee Plant													
TOTAL UNIT 1			0.00			0				0	0	0.000	
		14,110.00					Gas	211,324	1.019	215,339	901,643	6.390	4.267
TOTAL UNIT 2	29	14,110.00	65			15,261				215,339	901,643	6.390	
		33,200.00					Gas	368,945	1.019	375,955	1,574,154	4.741	4.267
TOTAL UNIT 3	71	33,200.00	63			11,324				375,955	1,574,154	4.741	
TOTAL Steam:	3,338	1,513,425.00				10,487				15,871,906	61,028,438	4.032	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 7/1/2016 to 7/1/2016
Run Date: 8/3/2016 10:42:23AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATIO (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYP E	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
		25.85					No 2	79	5.816	459	7,492	28.986	94.835
TOTAL APP		1,770.75					Gas	30,893	1.019	31,480	131,767	7.441	4.265
	50	1,796.60	5			17,778				31,939	139,259	7.751	
Bartow Combined Cycle													
TOTAL BCC		732,862.00					Gas	5,231,581	1.023	5,351,907	22,333,115	3.047	4.269
	1,105	732,862.00	89			7,303				5,351,907	22,333,115	3.047	
Bartow Peaker													
TOTAL BAP		8,212.00					Gas	124,383	1.019	126,746	530,582	6.461	4.266
	89	8,212.00	12			15,434				126,746	530,582	6.461	
Bayboro Peaker													
TOTAL BYP		78.20					No 2	182	5.712	1,040	26,460	33.836	145.385
	174	78.20	0			13,294				1,040	26,460	33.836	
Debary Peaker													
TOTAL DEP		10,011.68					No 2	24,624	5.763	141,904	2,722,171	27.190	110.549
		23,698.32					Gas	328,987	1.021	335,896	1,406,218	5.934	4.274
	637	33,710.00	7			14,174				477,799	4,128,389	12.247	
Higgins Peaker													
TOTAL HGP		7,381.40					Gas	134,613	1.019	137,171	573,988	7.776	4.264
	114	7,381.40	9			18,583				137,171	573,988	7.776	
Hines Energy													
TOTAL HEP		1,004,335.10					Gas	7,055,062	1.021	7,203,218	30,131,241	3.000	4.271
	1,440	1,004,335.10	94			7,172				7,203,218	30,131,241	3.000	
Intercession City Peaker													
TOTAL ICP		2,914.79					No 2	6,743	5.803	39,129	643,646	22.082	95.454
		83,962.50					Gas	1,101,801	1.023	1,127,142	4,705,070	5.604	4.270
	841	86,877.29	14			13,424				1,166,272	5,348,716	6.157	
Suwannee Peaker													
TOTAL SRP		968.20					No 2	2,326	5.817	13,530	213,917	22.094	91.968
		12,863.30					Gas	176,409	1.019	179,761	752,601	5.851	4.266
	155	13,831.50	12			13,975				193,291	966,518	6.988	
Tiger Bay Cogen													
TOTAL TBP		143,627.00					Gas	1,116,254	1.023	1,141,928	4,757,776	3.313	4.262
	205	143,627.00	94			7,951				1,141,928	4,757,776	3.313	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 7/1/2016 to 7/1/2016
Run Date: 8/3/2016 10:42:23AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATIO (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYP E	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL PER UNIT (\$)
Gas Turbine													
Univ of Florida Cogen													
		0.00					No 2	0	0.000	0	0	0.000	0.000
		18,089.00					Gas	199,818	1.020	203,815	726,400	4.016	3.635
TOTAL UFP													
	46	18,089.00	53			11,267				203,815	726,400	4.016	
TOTAL Gas Turbine:													
	4,856	2,050,800.09				7,819				16,035,126	69,662,444	3.397	
SOLAR													
Osceola Solar													
	4	645.00				0	Solar			0	0	0.000	
TOTAL UFP													
TOTAL Solar:													
	4	645.00				0				0	0	0.000	
SYSTEM TOTAL:													
	8,194	3,564,870.09				8,952				31,907,033	130,690,882	3.667	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2016 to 7/1/2016

Run Date: 8/3/2016 10:42:25AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	-
4 - AMOUNT (\$)	0	0	0	0.0%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	(2,206)	0	(2,206)	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	33,661	3,589	30,072	837.9%
20 - UNIT COST (\$/BBL)	78.89	113.28	(34.39)	(30.4%)
21 - AMOUNT (\$)	2,655,467	406,550	2,248,917	553.2%
22 - BURNED				
23 - UNITS (BBL)	37,195	3,589	33,606	936.4%
24 - UNIT COST (\$/BBL)	104.79	113.28	(8.49)	(7.5%)
25 - AMOUNT (\$)	3,897,610	406,550	3,491,060	858.7%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	964,344	955,960	8,384	0.9%
31 - UNIT COST (\$/BBL)	108.94	113.28	(4.34)	(3.8%)
32 - AMOUNT (\$)	105,056,778	108,291,149	(3,234,371)	(3.0%)
33 -				
34 - DAYS SUPPLY	804	7,991	(7,187)	(89.9%)

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2016 to 7/1/2016

Run Date: 8/3/2016 10:42:25AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	454,815	405,389	49,426	12.2%
37 - UNIT COST (\$/TON)	82.28	76.97	5.31	6.9%
38 - AMOUNT (\$)	37,421,078	31,202,365	6,218,713	19.9%
39 - BURNED				
40 - UNITS (TON)	489,361	405,389	83,972	20.7%
41 - UNIT COST (\$/TON)	82.11	76.97	5.14	6.7%
42 - AMOUNT (\$)	40,180,446	31,202,365	8,978,081	28.8%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	579,086	965,095	(386,009)	(40.0%)
48 - UNIT COST (\$/TON)	82.17	76.97	5.21	6.8%
49 - AMOUNT (\$)	47,586,006	74,282,301	(26,696,295)	(35.9%)
50 -				
51 - DAYS SUPPLY	37	71	(35)	(48.6%)
OTHER				
52				
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A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 7/1/2016 to 7/1/2016

Run Date: 8/3/2016 10:42:25AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	20,320,218	19,265,126	1,055,092	5.5%
68 - UNIT COST (\$/MCF)	4.26	4.02	0.24	6.1%
69 - AMOUNT (\$)	86,612,825	77,407,765	9,205,060	11.9%
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

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

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

LIGHT OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	
0	\$0.00	TOTAL

COAL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$ -	TOTAL

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 7/1/2016

Run Date: 8/4/2016 10:08:21AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	13,294,116	2,448,143	10,845,973	443.0%
3 - COAL	188,154,496	193,402,254	(5,247,758)	(2.7%)
4 - GAS	470,111,518	482,430,684	(12,319,166)	(2.6%)
5 - NUCLEAR	0	0	0	0.0%
6 SOLAR	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	671,560,131	678,281,081	(6,720,950)	(1.0%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	52,126	1,618	50,508	3,121.6%
11 - COAL	4,855,289	5,294,290	(439,001)	(8.3%)
12 - GAS	14,199,641	14,442,433	(242,792)	(1.7%)
13 - NUCLEAR	0	0	0	0.0%
14 SOLAR	845	8,975	(8,130)	(90.6%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	19,107,901	19,747,316	(639,415)	(3.2%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	119,801	21,631	98,170	453.8%
19 - COAL (TON)	2,320,068	2,435,019	(114,951)	(4.7%)
20 - GAS (MCF)	115,842,261	110,452,797	5,389,464	4.9%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22 SOLAR	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	690,609	125,850	564,759	448.8%
26 - COAL	52,182,278	56,066,534	(3,884,256)	(6.9%)
27 - GAS	118,313,758	110,452,797	7,860,961	7.1%
28 - NUCLEAR	0	0	0	0.0%
29 SOLAR	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	171,186,644	166,645,181	4,541,463	2.7%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 7/1/2016

Run Date: 8/4/2016 10:08:21AM

<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	0.3	0.01	0.3	3229.4%
34 - COAL	25.4	26.81	(1.4)	(5.2%)
35 - GAS	74.3	73.14	1.2	1.6%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 SOLAR	0.0	0.05	(0.0)	(90.3%)
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)	110.97	113.18	(2.21)	(2.0%)
42 - COAL (\$/TON)	81.10	79.43	1.67	2.1%
43 - GAS (\$/MCF)	4.06	4.37	(0.31)	(7.1%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45 SOLAR	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	19.25	19.45	(0.20)	(1.0%)
49 - COAL	3.61	3.45	0.16	4.5%
50 - GAS	3.97	4.37	(0.39)	(9.0%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52 SOLAR	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
54 - SYSTEM (\$/MBTU)	3.92	4.07	(0.15)	(3.6%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	13,249	77,781	(64,532)	(83.0%)
57 - COAL	10,748	10,590	158	1.5%
58 - GAS	8,332	7,648	684	8.9%
59 - NUCLEAR	0	0	0	0.0%
60 SOLAR	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,959	8,440	520	6.2%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 7/1/2016

Run Date: 8/4/2016 10:08:21AM

<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	25.50	151.31	(125.80)	(83.1%)
65 - COAL	3.88	3.65	0.22	6.1%
66 - GAS	3.31	3.34	(0.03)	(0.9%)
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68 SOLAR	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM</u>	<u>3.51</u>	<u>3.44</u>	<u>0.08</u>	<u>2.3%</u>

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report 1/1/2016 to 7/1/2016
Run Date: 8/4/2016 10:07:08AM

(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 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		1,090,886.00					Gas	11,274,387	1.022	11,522,926	45,398,816	4.162	4.027
	524	1,090,886.00	41			10,563				11,522,926	45,398,816	4.162	
TOTAL UNIT 2		1,087,169.00					Gas	11,503,984	1.022	11,757,319	46,450,766	4.273	4.038
	524	1,087,169.00	41			10,815				11,757,319	46,450,766	4.273	
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		360,152.00					Coal	184,603	22.898	4,227,016	16,945,435	4.705	91.794
		0.00					No 2	8,921	5.761	51,398	970,322	0.000	108.768
	372	360,152.00	19			11,879				4,278,414	17,915,757	4.974	
TOTAL UNIT 2		422,638.00					Coal	228,785	22.544	5,157,822	20,897,412	4.945	91.341
		0.00					No 2	8,364	5.764	48,210	857,322	0.000	102.501
	503	422,638.00	16			12,318				5,206,031	21,754,733	5.147	
Crystal River 4 & 5													
TOTAL UNIT 4		1,874,385.00					Coal	879,881	22.454	19,756,467	69,354,384	3.700	78.822
		0.00					No 2	11,006	5.759	63,385	1,281,648	0.000	116.450
	721	1,874,385.00	51			10,574				19,819,852	70,636,032	3.768	
TOTAL UNIT 5		2,218,576.00					Coal	1,026,799	22.440	23,040,973	80,957,266	3.649	78.844
		0.00					No 2	12,150	5.751	69,880	1,440,722	0.000	118.578
	721	2,218,576.00	60			10,417				23,110,853	82,397,988	3.714	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report 1/1/2016 to 7/1/2016
Run Date: 8/4/2016 10:07:08AM

(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 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	24			14,113				482,995	2,002,333	5.851	
TOTAL UNIT 2		56,867.00					Gas	829,960	1.021	847,227	3,358,169	5.905	4.046
	29	56,867.00	38			14,898				847,227	3,358,169	5.905	
TOTAL UNIT 3		204,266.00					Gas	2,387,767	1.022	2,441,464	9,892,342	4.843	4.143
	73	204,266.00	55			11,952				2,441,464	9,892,342	4.843	
TOTAL Steam:	3,338	7,349,162.00				10,813				79,467,081	299,806,935	4.079	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report 1/1/2016 to 7/1/2016
Run Date: 8/4/2016 10:07:08AM

(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 PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
		135.60					No 2	412	5.816	2,396	39,072	28.815	94.835
TOTAL APP		4,079.60					Gas	70,663	1.020	72,097	288,814	7.079	4.087
	59	4,215.20	1			17,672				74,493	327,886	7.779	
Bartow Combined Cycle													
TOTAL BCC		3,812,164.00					Gas	29,957,369	1.021	30,576,130	121,119,913	3.177	4.043
	1,135	3,812,164.00	66			8,021				30,576,130	121,119,913	3.177	
Bartow Peaker													
TOTAL BAP		647.97					No 2	1,655	5.712	9,453	177,336	27.368	107.151
		30,073.03					Gas	429,721	1.021	438,743	1,735,910	5.772	4.040
	191	30,721.00	3			14,589				448,197	1,913,245	6.228	
Bayboro Peaker													
TOTAL BYP		2,206.40					No 2	5,472	5.712	31,256	809,256	36.678	147.890
	189	2,206.40	0			14,166				31,256	809,256	36.678	
Debary Peaker													
TOTAL DEP		18,654.39					No 2	45,680	5.756	262,915	5,133,263	27.518	112.374
		91,339.61					Gas	1,259,317	1.022	1,287,341	5,053,037	5.532	4.013
	663	109,994.00	3			14,094				1,550,256	10,186,300	9.261	
Higgins Peaker													
TOTAL HGP		18,497.20					Gas	330,030	1.021	336,958	1,361,003	7.358	4.124
	116	18,497.20	3			18,217				336,958	1,361,003	7.358	
Hines Energy													
TOTAL HEP		7,000,899.70					Gas	49,337,494	1.021	50,392,934	202,440,943	2.892	4.103
	2,046	7,000,899.70	67			7,198				50,392,934	202,440,943	2.892	
Intercession City Peaker													
TOTAL ICP		9,426.40					No 2	21,685	5.801	125,793	2,164,338	22.960	99.808
		260,723.35					Gas	3,411,124	1.020	3,479,290	13,696,819	5.253	4.015
	1,040	270,149.75	5			13,345				3,605,083	15,861,157	5.871	
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		1,881.76					No 2	4,160	5.817	24,199	382,563	20.330	91.962
		43,016.24					Gas	541,958	1.021	553,173	2,028,566	4.716	3.743
	172	44,898.00	5			12,860				577,372	2,411,129	5.370	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report 1/1/2016 to 7/1/2016
Run Date: 8/4/2016 10:07:08AM

(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 PER UNIT (\$)
Gas Turbine													
Tiger Bay Cogen													
TOTAL TBP		259,579.00					Gas	2,017,480	1.020	2,058,692	8,206,227	3.161	4.068
	154	259,579.00	33			7,931				2,058,692	8,206,227	3.161	
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
		204,469.50					Gas	2,019,853	1.023	2,066,469	7,077,862	3.462	3.504
	47	204,469.50	85			10,106				2,066,469	7,077,862	3.462	
TOTAL Gas Turbine:													
	5,904	11,757,894.75				7,801				91,719,563	371,753,196	3.162	
SOLAR													
Osceola Solar													
TOTAL OSF 1	4	845.00				0	Solar			0	0	0.000	
TOTAL Solar:													
	4	845.00				0				0	0	0.000	
SYSTEM TOTAL:													
	9,242	19,107,901.75				8,959				171,186,644	671,560,131	3.515	

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 7/1/2016

Run Date: 8/4/2016 10:09:21AM

	<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)	128,668	21,631	107,037	494.8%
20 - UNIT COST (\$/BBL)	76.00	113.18	(37.18)	(32.5%)
21 - AMOUNT (\$)	9,778,321	2,448,143	7,330,178	299.4%
22 - BURNED				
23 - UNITS (BBL)	119,801	21,631	98,170	453.8%
24 - UNIT COST (\$/BBL)	110.97	113.18	(2.21)	(2.0%)
25 - AMOUNT (\$)	13,294,116	2,448,143	10,845,973	443.0%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	(482)			
28 - AMOUNT (\$)	(47,103)			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	964,344	955,960	8,384	0.9%
31 - UNIT COST (\$/BBL)	108.94	113.28	(4.34)	(3.8%)
32 - AMOUNT (\$)	105,056,778	108,291,149	(3,234,371)	(3.0%)
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 7/1/2016

Run Date: 8/4/2016 10:09:21AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	1,934,058	2,435,019	(500,961)	(20.6%)
37 - UNIT COST (\$/TON)	80.42	79.43	1.00	1.3%
38 - AMOUNT (\$)	155,545,891	193,402,254	(37,856,363)	(19.6%)
39 - BURNED				
40 - UNITS (TON)	2,320,068	2,435,019	(114,951)	(4.7%)
41 - UNIT COST (\$/TON)	81.10	79.43	1.67	2.1%
42 - AMOUNT (\$)	188,154,496	193,402,254	(5,247,758)	(2.7%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	579,086	965,095	(386,009)	(40.0%)
48 - UNIT COST (\$/TON)	82.17	76.97	5.21	6.8%
49 - AMOUNT (\$)	47,586,006	74,282,301	(26,696,295)	(35.9%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
OTHER				
52				
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A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 7/1/2016

Run Date: 8/4/2016 10:09:21AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	115,842,261	110,452,797	5,389,464	4.9%
68 - UNIT COST (\$/MCF)	4.06	4.37	(0.31)	(7.1%)
69 - AMOUNT (\$)	470,111,518	482,430,684	(12,319,166)	(2.6%)
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 A6
Power Sold for the Month of
July 2016

Last refreshed 8/5/15 9:00 AM

(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		14,820		14,820	3.105	3.820	460,190.00	566,089.00	105,899.00
ACTUAL									
Tampa Electric Company	CR-1	100		100	4.165	5.353	4,165.24	5,352.61	1,187.37
City of Tallahassee		85		85	0.000	0.000	0.00	3,951.27	3,951.27
Southern Company				0	0.000	0.000	0.00	277.65	277.65
Subtotal - Gain on Other Power Sales		185	-	185	2.251	5.179	4,165.24	9,581.53	5,416.29
CURRENT MONTH TOTAL		185		185	2.251	5.179	4,165.24	9,581.53	5,416.29
DIFFERENCE		(14,635)		(14,635)	(0.854)	1.359	(456,024.76)	(556,507.47)	(100,482.71)
DIFFERENCE %		(98.75)		(98.75)	(27.49)	35.58	(99.09)	(98.31)	(94.89)
CUMULATIVE ACTUAL		41,668		41,668	2.483	3.130	1,034,473.33	1,304,219.87	269,746.54
CUMULATIVE ESTIMATED		117,225		117,225	2.705	3.322	3,170,834.00	3,893,645.00	722,811.00
DIFFERENCE		(75,557)		(75,557)	-0.222	(0.191)	(2,136,360.67)	(2,589,425.13)	(453,064.46)
DIFFERENCE %		(64.45)		(64.45)	(8.22)	(5.77)	(67.38)	(66.50)	(62.68)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
JULY, 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		532,876			532,876	3.678	3.678	19,600,235.00	19,600,235.00
ACTUAL									
Osprey Energy Center	TOLL	194,487			194,487	3.230	3.230	6277016.50	6,277,016.50
Shady Hills Power Company, L.L.C.	TOLL	161,974			161,974	5.260	5.260	8514747.61	8,514,747.61
Southern Company Services, Inc.	Scherer	-			-	-	-	0.00	-
Southern Power Company	Franklin	209,193			209,193	2.890	2.890	6037205.80	6,037,794.18
Vandolah Power Company L.L.C.	TOLL	220,458			220,458	5.300	5.300	11693096.76	11,693,096.76
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
ADJUSTMENTS									
Calpine Energy Services, L.P.	TOLL				-	-	-	29580.00	29,580.00
Osprey Energy Center	TOLL				-	-	-	41071.06	41,071.06
Shady Hills Power Company, L.L.C.	TOLL	525			525	5.416	5.416	28433.38	28,433.38
Southern Company Services, Inc.	Scherer	-			-	-	-	-4425.66	(4,425.66)
Southern Power Company	Franklin	-			-	-	-	-1231.46	(1,819.84)
Vandolah Power Company L.L.C.	TOLL	1,690			1,690	3.944	3.944	66645.16	66,645.16
CURRENT MONTH TOTAL		788,327			788,327	4.146	4.146	32,682,139.15	32,682,139.15
DIFFERENCE		255,451			255,451.00	0.468	0.468	13,081,904.15	13,081,904.15
DIFFERENCE %		47.94			47.94	12.72	12.72	66.74	66.74
CUMULATIVE ACTUAL		3,896,195			3,896,195	3.66	3.66	142,769,150.51	142,769,150.51
CUMULATIVE ESTIMATED		2,247,917			2,247,917	3.73	3.73	83,865,215.00	83,865,215.00
DIFFERENCE		1,648,278.00			1,648,278.00	(0.07)	(0.07)	58,903,935.51	58,903,935.51
DIFFERENCE %		73			73	(1.782)	(1.782)	70.24	70.24

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

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

(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		288,645	-	-	288,645	4	12.106	12,163,262.00
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	26,770	-	-	26,770	8	7.526	2,014,710.20 976,118.35
Citrus World (CITRUS) ADJ	CO-GEN	5 (16)	-	-	5 (16)	4	3.521	163.73 (284.35)
Lake County (LAKCOUNT) ADJ	CO-GEN	510	-	-	510	3	3.057	15,590.70 3,742.82
Lake Cogen Limited (LAKORDER) ADJ	CO-GEN	-	-	-	-	-	0	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	-	-	-	-	-	0	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	13,595	-	-	13,595	3	2.817	382,971.15 81,735.76
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,112	-	-	1,112	3	2.938	32,670.56 7,110.79
Ornage Cogen (ORANGECO) ADJ	CO-GEN	39,500	-	-	39,500	4	4.031	1,592,245.00 194,171.27
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	87,602	-	-	87,602	5	4.91	4,301,258.20 64,182.64
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-	-	-	-	-	0	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,866	-	-	17,866	3	2.969	530,441.54 105,878.95
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	18 18	-	-	18 18	3	3.139	552.15 552.32
PCS Phosphate (OCWHSPRS) ADJ	CO-GEN	-	-	-	-	-	0	-
Perpetual Energy (PRPETUAL) ADJ	CO-GEN	-	-	-	-	-	0	-
Pinellas County Resource Recovery ADJ	CO-GEN	36,992	-	-	36,992	3	2.981	1,102,731.52 238,125.80
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	13,586	-	-	13,586	3	3.193	433,800.98 183,456.43
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	15,355	-	-	15,355	5	5.197	797,999.35 30,762.75
Auburndale Power Partners, L.P. (AUBEST) ADJ	CO-GEN	-	-	-	-	-	0	-
Florida Power Development (FCRUSHAS) ADJ	CO-GEN	-	-	-	-	-	0	-
Orange Cogen (ORANCECO) ADJ	CO-GEN	-	-	-	-	-	0	-
Orange Cogen (ORNAGECO) ADJ	CO-GEN	-	-	-	-	-	0	-
Auburndale Power Partners, L.P. (AUBRDLCFC) ADJ	CO-GEN	-	-	-	-	-	0	-
CURRENT MONTH TOTAL		252,912			252,912	5.176	5.17598065	13,090,688.61
DIFFERENCE		(35,733)			(35,733)	0.962	-6.9300193	927,426.61
DIFFERENCE %		(12)			(12)	22.828	-164.45229	7.62
CUMULATIVE ACTUAL		1,735,921			1,735,921	4.0	4.0	68,928,259.37
CUMULATIVE ESTIMATED		1,985,197			1,985,197	4	4.26669917	84,702,384.00
CUMULATIVE DIFFERENCE		(249,276)			(249,276)	(0)	-0.2959969	(15,774,124.63)
CUMULATIVE DIFFERENCE %		(13)			(13)	(7)	-6.9373756	(18.62)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
JULY, 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		6,283	5.313	333,772.00	6.381	400,884.00	67,112.00
ACTUAL:							
Florida Power & Light Company	Schedule C	49	2.208	1,081.92	2.987	1,463.63	381.71
SubTotal - Energy Purchases (Broker)		49	2.208	1,081.92	2.987	1,463.63	381.71
SEPA	Hydro	-	0.000	-	0.000	-	-
Duke Electric Transmission	Transmission Purchase	-	-	4,683.54	0.000	-	(4,683.54)
EDF Trading North America, LLC		714	6.200	44,268.00	11.667	\$83,304.30	39,036.30
Exelon Generation Company, LLC	InternationalSwapsDe	7,248	4.845	351,192.00	9.020	\$653,760.66	302,568.66
Florida Power & Light Company	Transmission Purchase	-	0.000	373.50	0.000	-	(373.50)
Florida Power & Light Company		1,350	2.878	38,850.00	3.462	\$46,735.50	7,885.50
Jacksonville Electric Authority	Transmission Purchase	-	0.000	8,467.20	0.000	-	(8,467.20)
Morgan Stanley Capital Group Inc.	EEl	1,348	5.477	73,835.00	10.716	\$144,452.14	70,617.14
PJM Inter.-Transmission	Transmission Purchase	-	0.000	1,627.94	0.000	-	(1,627.94)
PJM Settlements, Inc	MR1	2,109	2.124	44,795.72	10.882	\$229,501.38	184,705.66
Seminole Electric Cooperative, Inc.	Transmission Purchase	-	0.000	2,425.50	0.000	-	(2,425.50)
Southern Company Services, Inc.	EEl	2,222	6.221	138,226.00	12.672	\$281,568.32	143,342.32
Tallahassee, FL (City of)	Transmission Purchase	-	0.000	31,691.00	0.000	-	(31,691.00)
Tampa Electric Company	EEl2	40	4.300	1,720.00	5.744	\$2,297.60	577.60
Tampa Electric Company	Transmission Purchase	-	0.000	90,224.88	0.000	-	(90,224.55)
Tampa Electric Company	Generator Imbalance	-	0.000	(11,652.43)	0.000	-	11,652.43
The Energy Authority	EEl	2,880	4.688	135,004.00	8.018	\$230,917.81	95,913.81
ADJUSTMENTS							
Florida Power & Light Company		-	0.000	41.25	0.000	-	(41.25)
PJM Settlements, Inc.	MR1	-	0.000	(330.35)	0.000	-	330.35
Tampa Electric		-	0.000	(4,625.93)	0.000	-	4,625.93
Jacksonville Electric		-	0.000	612.71	0.000	-	(612.71)
Southern Company Services - Prior Period adj		-	0.000	277.65	0.000	-	(277.65)
SubTotal - Energy Purchases (Non-Broker)		17,911	5.314	951,707.18	9.338	1,672,537.71	720,830.86
CURRENT MONTH TOTAL		17,960	5.305	952,789.10	9.321	1,674,001.34	721,212.57
DIFFERENCE		11,677	(0.008)	619,017.10	2.940	1,273,117.34	654,100.57
DIFFERENCE %		186	(0.149)	185.46	46.070	317.58	974.64
CUMULATIVE ACTUAL		67,030	4.745	3,180,749.63	6.772	4,539,479.02	1,358,729.72
CUMULATIVE ESTIMATED		43,272	5.087	2,201,432.00	5.727	2,478,033.00	276,601.00
DIFFERENCE		23,758	(0.342)	979,317.63	1.046	2,061,446.02	1,082,128.72
DIFFERENCE %		55	(6.726)	44.49	18.260	83.19	391.22

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	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 (ORANGEKO)	QF	74.00	7/1/95 - 12/31/24	3,266,545	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	0	0	0	0	0	32,223,859
7 Orlando Cogen Limited (ORLACOG)	QF	79.20	9/1/93 - 12/31/23	13,409,604	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	0	0	0	0	0	42,534,047
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	1,677,850	1,677,850	0	0	0	0	0	11,644,670
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	3,994,013	3,994,013	0	0	0	0	0	27,719,378
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	6,627,741	6,627,741	0	0	0	0	0	46,072,464
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	498,053	349,980	0	0	0	0	0	3,699,610
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	276,573	(144,661)	0	0	0	0	0	9,430,571
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	5,095,516	5,416,928	0	0	0	0	0	26,790,926
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	(510)	0	0	0	0	0	(193,628)
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	4,719,946	4,691,679	4,663,412	4,635,145	4,606,878	4,578,612	4,550,345	56,469,745
SUBTOTAL				39,096,466	32,521,204	32,333,896	32,405,930	32,136,457	32,569,984	32,293,312	4,663,412	4,635,145	4,606,878	4,578,612	4,550,345	256,391,642
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	11,313,251	11,289,374	229,991	229,991	229,991	229,991	171,933	52,368,944
TOTAL				45,069,211	38,759,077	37,449,992	37,392,959	38,497,137	43,883,234	43,582,685	4,893,403	4,865,137	4,836,869	4,808,603	4,722,278	308,760,586

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