



DIANNE M. TRIPLETT
ASSOCIATE GENERAL COUNSEL

October 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:

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

/s/ Dianne M. Triplett

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

SEPTEMBER 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)	117,258,145	104,386,220	12,871,925	12.3	3,378,284	3,188,423	189,861	6.0	3.4709	3.2739	0.1970	6.0
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 SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	89,659	(10,408)	100,067	(961.5)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	117,347,804	104,375,812	12,971,992	12.4	3,378,284	3,188,423	189,861	6.0	3.4736	3.2736	0.2000	6.1
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	19,611,208	14,068,712	5,542,496	39.4	490,164	396,389	93,775	23.7	4.0009	3.5492	0.4517	12.7
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	2,516	0	2,516	0.0	99	0	99	0.0	2.5411	0.0000	2.5411	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	519,791	313,737	206,054	65.7	13,328	6,504	6,824	104.9	3.9000	4.8235	(0.9235)	(19.2)
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)	12,209,912	11,779,156	430,756	3.7	263,938	279,254	(15,315)	(5.5)	4.6260	4.2181	0.4079	9.7
12 TOTAL COST OF PURCHASED POWER	32,343,426	26,161,605	6,181,821	23.6	767,529	682,147	85,382	12.5	4.2140	3.8352	0.3788	9.9
13 TOTAL AVAILABLE MWH					4,145,813	3,870,570	275,244	7.1				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(788,564)	(149,835)	(638,729)	426.3	(16,145)	(5,430)	(10,715)	197.3	4.8843	2.7594	2.1249	77.0
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(406,184)	(34,480)	(371,704)	1,078.0	(16,145)	(5,430)	(10,715)	197.3	2.5158	0.6350	1.8808	296.2
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(3,547,551)	(2,094,734)	(1,452,817)	69.4	(140,224)	(94,008)	(46,216)	49.2	2.5299	2.2283	0.3016	13.5
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(4,742,298)	(2,279,049)	(2,463,249)	108.1	(156,369)	(99,438)	(56,931)	57.3	3.0328	2.2919	0.7409	32.3
19 NET INADVERTENT AND WHEELED INTERCHANGE					22,631	0	22,631					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	144,948,932	128,258,368	16,690,564	13.0	4,012,075	3,771,132	240,944	6.4	3.6128	3.4011	0.2117	6.2
21 NET UNBILLED	(2,806,834)	(9,291,605)	6,484,771	(69.8)	77,691	273,198	(195,507)	(71.6)	(0.0710)	(0.2418)	0.1708	(70.6)
22 COMPANY USE	628,597	408,127	220,470	54.0	(17,399)	(12,000)	(5,399)	45.0	0.0159	0.0106	0.0053	50.0
23 T & D LOSSES	4,215,941	6,465,173	(2,249,232)	(34.8)	(116,694)	(190,093)	73,399	(38.6)	0.1066	0.1683	(0.0617)	(36.7)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	144,948,932	128,258,368	16,690,564	13.0	3,955,673	3,842,236	113,437	3.0	3.6643	3.3381	0.3262	9.8
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(3,710,693)	(666,944)	(3,043,749)	456.4	(101,354)	(20,051)	(81,303)	405.5	3.6611	3.3262	0.3349	10.1
26 JURISDICTIONAL KWH SALES	141,238,239	127,591,424	13,646,815	10.7	3,854,319	3,822,185	32,134	0.8	3.6644	3.3382	0.3262	9.8
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	141,294,734	127,657,772	13,636,962	10.7	3,854,319	3,822,185	32,134	0.8	3.6659	3.3399	0.3260	9.8
28 PRIOR PERIOD TRUE-UP	(10,764,480)	(10,764,480)	(0)	0.0	3,854,319	3,822,185	32,134	0.8	(0.2793)	(0.2816)	0.0023	(0.8)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	3,854,319	3,822,185	32,134	0.8	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	3,854,319	3,822,185	32,134	0.8	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	130,530,254	116,893,292	13,636,962	11.7	3,854,319	3,822,185	32,134	0.8	3.3866	3.0583	0.3283	10.7
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.3890	3.0605	0.3285	10.7
32 GPIF	(717,816)	(717,816)			3,854,319	3,822,185			(0.0186)	(0.0188)	0.0002	(1.1)
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.370	3.042	0.329	10.8

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - SEPTEMBER 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)	913,175,275.46	891,748,227	21,427,048	2.4	25,977,565	26,305,928	(328,363)	(1.3)	3.5152	3.3899	0.1253	3.7
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	(347,958)	0	(347,958)	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	(57,370)	(10,154,373)	10,097,002	(99.4)	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	912,769,947	881,593,854	31,176,093	3.5	25,977,565	26,305,928	(328,363)	(1.3)	3.5137	3.3513	0.1624	4.9
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	188,541,557	117,661,097	70,880,460	60.2	5,040,026	3,183,306	1,856,720	58.3	3.7409	3.6962	0.0447	1.2
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	13,266	0	13,266	0.0	563	0	563	0.0	2.3563	0.0000	2.3563	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	3,922,946	2,859,064	1,063,882	37.2	82,602	56,506	26,096	46.2	4.7492	5.0597	(0.3105)	(6.1)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	93,822,462	108,646,469	(14,824,007)	(13.6)	2,283,646	2,553,014	(269,368)	(10.6)	4.1085	4.2556	(0.1471)	(3.5)
12 TOTAL COST OF PURCHASED POWER	286,300,231	229,166,630	57,133,601	24.9	7,406,837	5,792,827	1,614,010	27.9	3.8654	3.9560	(0.0906)	(2.3)
13 TOTAL AVAILABLE MWH					33,384,402	32,098,755	1,285,647	4.0				
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)	(2,109,011)	(3,705,472)	1,596,461	(43.1)	(64,233)	(135,005)	70,772	(52.4)	3.2834	2.7447	0.5387	19.6
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(724,815)	(845,841)	121,026	(14.3)	(64,233)	(135,005)	70,772	(52.4)	1.1284	0.6265	0.5019	80.1
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	(27,356,455)	(16,937,803)	(10,418,652)	61.5	(1,062,652)	(692,276)	(370,376)	53.5	2.5744	2.4467	0.1277	5.2
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(30,190,281)	(21,489,116)	(8,701,165)	40.5	(1,126,885)	(827,281)	(299,604)	36.2	2.6791	2.5976	0.0815	3.1
19 NET INADVERTENT AND WHEELED INTERCHANGE					155,446	0	155,446					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	1,168,879,897	1,089,271,369	79,608,528	7.3	32,412,964	31,271,474	1,141,489	3.7	3.6062	3.4833	0.1229	3.5
21 NET UNBILLED	17,933,688	22,233,713	(4,300,025)	(19.3)	(497,300)	(631,827)	134,527	(21.3)	0.0599	0.0768	(0.0169)	(22.0)
22 COMPANY USE	4,311,580	3,774,703	536,877	14.2	(119,560)	(108,000)	(11,560)	10.7	0.0144	0.0130	0.0014	10.8
23 T & D LOSSES	67,750,177	55,510,637	12,239,540	22.1	(1,878,708)	(1,592,330)	(286,378)	18.0	0.2265	0.1918	0.0347	18.1
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,168,879,897	1,089,271,369	79,608,528	7.3	29,917,396	28,939,317	978,078	3.4	3.9070	3.7640	0.1430	3.8
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(14,356,891)	(6,548,405)	(7,808,486)	119.2	(371,739)	(173,048)	(198,691)	114.8	3.8621	3.7842	0.0779	2.1
26 JURISDICTIONAL KWH SALES	1,154,523,006	1,082,722,964	71,800,042	6.6	29,545,657	28,766,269	779,387	2.7	3.9076	3.7639	0.1437	3.8
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	1,155,008,987	1,083,285,980	71,723,007	6.6	29,545,657	28,766,269	779,387	2.7	3.9092	3.7658	0.1434	3.8
28 PRIOR PERIOD TRUE-UP	(84,269,640)	(84,269,637)	(3)	0.0	29,545,657	28,766,269	779,387	2.7	(0.2852)	(0.2929)	0.0077	(2.6)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	29,545,657	28,766,269	779,387	2.7	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	29,545,657	28,766,269	779,387	2.7	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	1,070,739,347	999,016,343	71,723,004	7.2	29,545,657	28,766,269	779,387	2.7	3.6240	3.4729	0.1511	4.4
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.6266	3.4754	0.1512	4.4
32 GPIF	(6,460,348)	(6,460,344)			29,545,657	28,766,269			(0.0219)	(0.0225)	0.0006	102.7
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.605	3.453	0.152	4.4

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
SEPTEMBER 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	\$117,258,145	104,386,220	\$12,871,925	12.3	\$913,175,275	\$891,748,227	\$21,427,048	2.4
1a. NUCLEAR FUEL DISPOSAL COST	-	0	0	0.0	0	0	0	0.0
1b. NUCLEAR DECOMMISSIONING AND DECONTAMINATION	-	0	0	0.0	0	0	0	0.0
1c. COAL CAR SALE	-	0	0	0.0	(347,958)	0	(347,958)	0.0
2 . FUEL COST OF POWER SOLD	(788,564)	(149,835)	(638,729)	426.3	(2,109,011)	(3,705,472)	1,596,461	(43.1)
2a. GAIN ON POWER SALES	(406,184)	(34,480)	(371,704)	1,078.0	(724,815)	(845,841)	121,026	(14.3)
3 . FUEL COST OF PURCHASED POWER	19,611,208	14,068,712	5,542,496	39.4	188,541,557	117,661,097	70,880,460	60.2
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	12,209,912	11,779,156	430,756	3.7	93,822,462	108,646,469	(14,824,007)	(13.6)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	522,306	313,737	208,569	66.5	3,936,212	2,859,064	1,077,148	37.7
5 . TOTAL FUEL & NET POWER TRANSACTIONS	148,406,823	130,363,510	18,043,314	13.8	1,196,293,722	1,116,363,544	79,930,178	7.2
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(3,547,551)	(2,094,734)	(1,452,817)	69.4	(27,356,455)	(16,937,803)	(10,418,652)	61.5
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	89,659	(10,408)	100,067	(961.5)	(57,370)	(10,154,373)	10,097,002	(99.4)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$144,948,932	\$128,258,368	\$16,690,564	13.0	\$1,168,879,897	\$1,089,271,369	\$79,608,528	7.3

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)	2,560	0	2,560	11,160	0	11,160	
N/A - Not used	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	(6,218)	0	(6,218)	(6,218)	0	(6,218)	
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	(24,664)	(10,408)	(14,256)	(189,244)	(93,670)	(95,574)	
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	117,983	0	117,983	117,983	0	117,983	
Bartow Outage Replacement Power	0	0	0	0	0	0	
Derivative Collateral Interest	(2)	0	(2)	8,949	0	8,949	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	\$89,659	(\$10,408)	\$100,067	(\$57,370)	(\$10,154,373)	\$10,097,002	

B. KWH SALES								
1 . JURISDICTIONAL SALES	3,854,319,642	3,822,185,000	32,134,642	0.8	29,545,657,458	28,766,269,316	779,388,142	2.7
2 . NON JURISDICTIONAL (WHOLESALE) SALES	101,353,708	20,051,000	81,302,708	405.5	371,739,090	173,048,000	198,691,090	114.8
3 . TOTAL SALES	3,955,673,350	3,842,236,000	113,437,350	3.0	29,917,396,548	28,939,317,316	978,079,232	3.4
4 . JURISDICTIONAL SALES % OF TOTAL SALES	97.44	99.48	(2.04)	(2.1)	98.76	99.40	(0.64)	(0.6)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$116,196,785	\$113,871,528	\$2,325,258	2.0	\$931,148,943	\$974,794,217	(\$43,645,274)	(4.5)
2. ADJUSTMENTS:	5,000,000	5,000,000	0	0.0	45,000,000	45,000,000	0	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	833,333	(0)	0.0	7,500,000	7,500,000	(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	84,269,640	84,269,637	3	0.0
2d. INCENTIVE PROVISION	717,816	717,816	0	0.0	6,460,348	6,460,344	4	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	133,512,416	131,187,157	2,325,258	1.8	1,074,378,931	1,118,024,198	(43,645,267)	(3.9)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	144,948,932	128,258,368	16,690,564	13.0	1,168,879,897	1,089,271,369	79,608,528	7.3
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	97.44	99.48	(2.04)	(2.1)	98.76	99.40	(0.64)	(0.6)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.0004 LOSS MULTIPLIER)	141,294,734	127,657,772	13,636,962	10.7	1,155,008,987	1,083,285,980	71,723,007	6.6
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(7,782,319)	3,529,385	(11,311,704)	(320.5)	(80,630,056)	34,738,218	(115,368,274)	(332.1)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(14,766)	49,330	(64,096)	(129.9)	191,376	319,256	(127,880)	(40.1)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(29,583,676)	36,704,634	(66,288,310)	(180.6)	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	(84,269,640)	(84,269,637)	(3)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(48,145,240)	29,518,869	(77,664,110)	(263.1)	(48,145,240)	29,518,869	(77,664,110)	(263.1)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$48,145,240)	29,518,869	(77,664,110)	(263.1)	(\$48,145,240)	29,518,869	(77,664,110)	(263.1)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$29,583,676)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(48,130,475)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(77,714,150)	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	(38,857,075)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.420	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.480	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.900	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.450	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.038	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$14,766)	N/A	--	--				

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2016 to 9/1/2016
Run Date: 10/13/2016 2:54:08PM

<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	1,764,549	275,079	1,489,470	541.5%
3 - COAL	29,555,112	28,938,635	616,477	2.1%
4 - GAS	85,938,483	75,172,506	10,765,977	14.3%
5 - NUCLEAR	0	0	0	0.0%
6 SOLAR	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	117,258,145	104,386,220	12,871,925	12.3%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	8,220	19	8,201	43,163.3%
11 - COAL	763,527	819,665	(56,138)	(6.8%)
12 - GAS	2,605,974	2,367,149	238,825	10.1%
13 - NUCLEAR	0	0	0	0.0%
14 SOLAR	563	1,590	(1,027)	(154.8%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	3,378,284	3,188,423	189,861	6.0%
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	17,488	1,369	16,119	1,177.4%
19 - COAL (TON)	353,486	382,775	(29,289)	(7.7%)
20 - GAS (MCF)	20,283,045	18,134,231	2,148,814	11.8%
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	100,886	7,974	92,912	1,165.2%
26 - COAL	7,862,436	8,765,043	(902,607)	(10.3%)
27 - GAS	20,845,022	18,134,231	2,710,791	14.9%
28 - NUCLEAR	0	0	0	0.0%
29 SOLAR	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	28,808,344	26,907,248	1,901,096	7.1%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2016 to 9/1/2016
Run Date: 10/13/2016 2:54:08PM

<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	40731.9%
34 - COAL	22.6	25.71	(3.1)	(12.1%)
35 - GAS	77.1	74.24	2.9	3.9%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 SOLAR	0.0	0.05	(0.0)	(66.6%)
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)	100.90	200.93	(100.03)	(49.8%)
42 - COAL (\$/TON)	83.61	75.60	8.01	10.6%
43 - GAS (\$/MCF)	4.24	4.15	0.09	2.2%
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	17.49	34.50	(17.01)	(49.3%)
49 - COAL	3.76	3.30	0.46	13.9%
50 - GAS	4.12	4.15	(0.02)	(0.5%)
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)	4.07	3.88	0.19	4.9%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,273	419,684	(407,411)	(97.1%)
57 - COAL	10,298	10,693	(396)	(3.7%)
58 - GAS	7,999	7,661	338	4.4%
59 - NUCLEAR	0	0	0	0.0%
60 SOLAR	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,529	8,439	90	1.1%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

FINAL

Report Period: 9/1/2016 to 9/1/2016

Run Date: 10/13/2016 2:54:08PM

<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	21.47	1,447.78	(1,426.32)	(98.5%)
65 - COAL	3.87	3.53	0.34	9.6%
66 - GAS	3.30	3.18	0.12	3.8%
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 (CENTS/KWH)</u>	<u>3.47</u>	<u>3.27</u>	<u>0.20</u>	<u>6.0%</u>

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2016 to 9/1/2016
Run Date: 10/5/2016 9:21:52AM

(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		187,046.00					Gas	1,960,908	1.024	2,007,970	8,543,547	4.568	4.357
	521	187,046.00	50			10,735				2,007,970	8,543,547	4.568	
TOTAL UNIT 2		185,630.00					Gas	1,994,849	1.024	2,042,725	8,691,425	4.682	4.357
	520	185,630.00	50			11,004				2,042,725	8,691,425	4.682	
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		68,386.00					Coal	33,085	22.326	738,656	3,150,852	4.607	95.235
		0.00					No 2	1,755	5.741	10,076	174,482	0.000	99.420
	330	68,386.00	29			10,949				748,732	3,325,334	4.863	
TOTAL UNIT 2		101,288.00					Coal	52,291	22.326	1,167,449	4,979,936	4.917	95.235
		0.00					No 2	1,190	5.741	6,832	118,310	0.000	99.420
	445	101,288.00	32			11,593				1,174,281	5,098,246	5.033	
Crystal River 4 & 5													
TOTAL UNIT 4		399,809.00					Coal	184,105	22.216	4,090,077	14,711,593	3.680	79.909
		0.00					No 2	1,142	5.739	6,554	113,557	0.000	99.437
	712	399,809.00	78			10,246				4,096,631	14,825,150	3.708	
TOTAL UNIT 5		198,071.00					Coal	84,005	22.216	1,866,255	6,712,731	3.389	79.909
		0.00					No 2	3,112	5.739	17,861	309,448	0.000	99.437
	710	198,071.00	39			9,512				1,884,116	7,022,180	3.545	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2016 to 9/1/2016
Run Date: 10/5/2016 9:21:52AM

(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	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3		31,730.00					Gas	363,954	1.024	372,689	1,588,199	5.005	4.364
	71	31,730.00	62			11,746				372,689	1,588,199	5.005	
TOTAL Steam:	3,309	1,171,960.00				10,518				12,327,144	49,094,082	4.189	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2016 to 9/1/2016

Run Date: 10/5/2016 9:21:52AM

(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													
		0.34					No 2	1	5.816	6	0	0.000	0.000
TOTAL APP		560.96					Gas	9,407	1.024	9,633	40,919	7.294	4.350
	50	561.30	2			17,172				9,639	40,919	7.290	
Bartow Combined Cycle													
TOTAL BCC		688,871.00					Gas	4,958,200	1.030	5,106,946	20,639,475	2.996	4.163
	1,105	688,871.00	87			7,414				5,106,946	20,639,475	2.996	
Bartow Peaker													
TOTAL BAP		1,334.00					Gas	21,424	1.024	21,938	93,394	7.001	4.359
	47	1,334.00	4			16,445				21,938	93,394	7.001	
Bayboro Peaker													
TOTAL BYP		0.00					No 2	499	5.712	2,850	72,406	0.000	145.102
	44	0.00	0			0				2,850	72,406	0.000	
Debary Peaker													
TOTAL DEP		1,233.33					No 2	2,905	5.765	16,747	321,223	26.045	110.576
		14,315.67					Gas	189,278	1.027	194,389	828,348	5.786	4.376
	583	15,549.00	4			13,579				211,136	1,149,571	7.393	
Higgins Peaker													
TOTAL HGP		2,073.90					Gas	34,700	1.024	35,533	151,411	7.301	4.363
	89	2,073.90	3			17,133				35,533	151,411	7.301	
Hines Energy													
TOTAL HEP		1,274,928.00					Gas	8,814,221	1.028	9,061,019	37,348,325	2.929	4.237
	1,912	1,274,928.00	93			7,107				9,061,019	37,348,325	2.929	
Intercession City Peaker													
TOTAL ICP		2,726.54					No 2	6,287	5.802	36,475	600,034	22.007	95.440
		36,131.77					Gas	469,281	1.030	483,359	1,954,362	5.409	4.165
	984	38,858.31	5			13,378				519,834	2,554,397	6.574	
Suwannee Peaker													
TOTAL SRP		235.98					No 2	599	5.817	3,484	55,089	23.344	91.968
		4,806.82					Gas	69,311	1.024	70,974	302,562	6.294	4.365
	155	5,042.80	5			14,765				74,459	357,651	7.092	
Tiger Bay Cogen													
TOTAL TBP		143,855.00					Gas	1,079,328	1.030	1,111,708	4,492,879	3.123	4.163
	205	143,855.00	97			7,728				1,111,708	4,492,879	3.123	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2016 to 9/1/2016
Run Date: 10/5/2016 9:21:52AM

(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
		34,687.30					Gas	318,184	1.025	326,139	1,263,635	3.643	3.971
TOTAL UFP										326,139	1,263,635	3.643	
	46	34,687.30		105		9,402							
TOTAL Gas Turbine:													
	5,220	2,205,760.61				7,472				16,481,200	68,164,063	3.090	
SOLAR													
Osceola Solar Facility 1													
	4	563.00				0	Solar			0	0	0.000	
TOTAL UFP													
TOTAL Solar:													
	4	563.00				0				0	0	0.000	
SYSTEM TOTAL:													
	8,529	3,378,283.61				8,529				28,808,344	117,258,145	3.472	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2016 to 9/1/2016
Run Date: 10/6/2016 1:32:00PM

	<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)	4,219	1,369	2,850	208.2%
20 - UNIT COST (\$/BBL)	69.21	200.93	(131.73)	(65.6%)
21 - AMOUNT (\$)	291,985	275,079	16,906	6.1%
22 - BURNED				
23 - UNITS (BBL)	17,488	1,369	16,119	1177.4%
24 - UNIT COST (\$/BBL)	100.90	200.93	(100.03)	(49.8%)
25 - AMOUNT (\$)	1,764,549	275,079	1,489,470	541.5%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	55			
28 - AMOUNT (\$)	6,218			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	933,342	955,960	(22,618)	(2.4%)
31 - UNIT COST (\$/BBL)	109.22	200.93	(91.71)	(45.6%)
32 - AMOUNT (\$)	101,943,714	192,081,043	(90,137,329)	(46.9%)
33 -				
34 - DAYS SUPPLY	1,601	20,949	(19,348)	(92.4%)

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

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2016 to 9/1/2016
Run Date: 10/6/2016 1:32:00PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	513,063	382,775	130,288	34.0%
37 - UNIT COST (\$/TON)	82.97	75.60	7.37	9.7%
38 - AMOUNT (\$)	42,570,015	28,938,635	13,631,380	47.1%
39 - BURNED				
40 - UNITS (TON)	353,486	382,775	(29,289)	(7.7%)
41 - UNIT COST (\$/TON)	83.61	75.60	8.01	10.6%
42 - AMOUNT (\$)	29,555,112	28,938,635	616,477	2.1%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	756,066	965,095	(209,029)	(21.7%)
48 - UNIT COST (\$/TON)	83.48	75.60	7.87	10.4%
49 - AMOUNT (\$)	63,112,633	72,963,305	(9,850,672)	(13.5%)
50 -				
51 - DAYS SUPPLY	64	76	(11)	(15.2%)
OTHER				
52				
53				
54				
55				
56				
57				
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60				
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62				
63				
64				
65				

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

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 9/1/2016 to 9/1/2016
Run Date: 10/6/2016 1:32:00PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	20,283,045	18,134,231	2,148,814	11.8%
68 - UNIT COST (\$/MCF)	4.24	4.15	0.09	2.2%
69 - AMOUNT (\$)	85,938,483	75,172,506	10,765,977	14.3%
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
SEPTEMBER 2016**

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

LIGHT OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
55	\$6,217.92	TANK BOTTOM ADJUSTMENT FOR RECLAIMED FUEL OIL.
55	\$6,217.92	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 9/1/2016
Run Date: 10/13/2016 2:54:12PM

<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	16,987,653	3,037,960	13,949,693	459.2%
3 - COAL	256,614,897	253,203,163	3,411,734	1.3%
4 - GAS	639,572,725	635,507,104	4,065,621	0.6%
5 - NUCLEAR	0	0	0	0.0%
6 SOLAR	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	913,175,275	891,748,227	21,427,048	2.4%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	69,073	1,785	67,288	3,769.6%
11 - COAL	6,604,781	6,983,181	(378,400)	(5.4%)
12 - GAS	19,301,734	19,308,787	(7,053)	(0.0%)
13 - NUCLEAR	0	0	0	0.0%
14 SOLAR	1,978	12,178	(10,200)	(83.8%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	25,977,565	26,305,931	(328,366)	(1.2%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	156,839	25,035	131,804	526.5%
19 - COAL (TON)	3,143,252	3,222,440	(79,188)	(2.5%)
20 - GAS (MCF)	156,084,389	147,962,591	8,121,798	5.5%
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	904,656	145,684	758,972	521.0%
26 - COAL	70,478,554	74,103,785	(3,625,231)	(4.9%)
27 - GAS	159,662,957	147,962,591	11,700,366	7.9%
28 - NUCLEAR	0	0	0	0.0%
29 SOLAR	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	231,046,168	222,212,060	8,834,108	4.0%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 9/1/2016
Run Date: 10/13/2016 2:54:12PM

<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	3818.5%
34 - COAL	25.4	26.55	(1.1)	(4.2%)
35 - GAS	74.3	73.40	0.9	1.2%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 SOLAR	0.0	0.05	(0.0)	(83.6%)
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)	108.31	121.35	(13.04)	(10.7%)
42 - COAL (\$/TON)	81.64	78.57	3.06	3.9%
43 - GAS (\$/MCF)	4.10	4.30	(0.20)	(4.6%)
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	18.78	20.85	(2.08)	(10.0%)
49 - COAL	3.64	3.42	0.22	6.6%
50 - GAS	4.01	4.30	(0.29)	(6.7%)
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)	3.95	4.01	(0.06)	(1.5%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	13,097	81,616	(68,519)	(84.0%)
57 - COAL	10,671	10,612	59	0.6%
58 - GAS	8,272	7,663	609	7.9%
59 - NUCLEAR	0	0	0	0.0%
60 SOLAR	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,895	8,448	446	5.3%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 9/1/2016

Run Date: 10/13/2016 2:54:12PM

<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	24.59	170.19	(145.60)	(85.5%)
65 - COAL	3.89	3.63	0.26	7.2%
66 - GAS	3.31	3.29	0.02	0.7%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.52</u>	<u>3.39</u>	<u>0.13</u>	<u>3.7%</u>

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 9/1/2016
Run Date: 10/6/2016 8:52:48AM

(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		1,479,250.00					Gas	15,392,128	1.023	15,739,493	63,041,610	4.262	4.096
	524	1,479,250.00	43			10,640				15,739,493	63,041,610	4.262	
TOTAL UNIT 2		1,463,114.00					Gas	15,523,460	1.023	15,873,262	63,683,688	4.353	4.102
	524	1,463,114.00	42			10,849				15,873,262	63,683,688	4.353	
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		484,142.00					Coal	246,935	22.727	5,611,972	22,775,356	4.704	92.232
		0.00					No 2	13,221	5.754	76,079	1,405,809	0.000	106.332
	372	484,142.00	20			11,749				5,688,051	24,181,165	4.995	
TOTAL UNIT 2		613,475.00					Coal	332,569	22.441	7,463,163	30,594,185	4.987	91.993
		0.00					No 2	11,148	5.766	64,281	1,139,106	0.000	102.180
	503	613,475.00	19			12,270				7,527,443	31,733,290	5.173	
Crystal River 4 & 5													
TOTAL UNIT 4		2,706,380.00					Coal	1,262,343	22.385	28,257,606	100,134,824	3.700	79.325
		0.00					No 2	14,091	5.763	81,201	1,594,467	0.000	113.155
	721	2,706,380.00	57			10,471				28,338,808	101,729,291	3.759	
TOTAL UNIT 5		2,829,228.00					Coal	1,301,405	22.396	29,145,813	103,110,532	3.644	79.230
		0.00					No 2	16,884	5.748	97,057	1,916,513	0.000	113.511
	721	2,829,228.00	60			10,336				29,242,870	105,027,045	3.712	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 9/1/2016
Run Date: 10/6/2016 8:52:48AM

(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	19			14,113				482,995	2,002,333	5.851	
TOTAL UNIT 2		68,814.00					Gas	1,013,728	1.021	1,035,405	4,133,981	6.007	4.078
	29	68,814.00	36			15,046				1,035,405	4,133,981	6.007	
TOTAL UNIT 3		268,292.00					Gas	3,117,368	1.023	3,188,575	13,024,191	4.854	4.178
	73	268,292.00	56			11,885				3,188,575	13,024,191	4.854	
TOTAL Steam:	3,309	9,946,918.00				10,769				107,116,903	408,556,594	4.107	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 9/1/2016
Run Date: 10/6/2016 8:52:48AM

(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													
		144.06					No 2	437	5.816	2,542	41,348	28.701	94.618
TOTAL APP		4,959.44					Gas	85,705	1.021	87,500	354,307	7.144	4.134
	57	5,103.50	1			17,643				90,041	395,655	7.753	
Bartow Combined Cycle													
TOTAL BCC		5,239,947.00					Gas	40,166,233	1.023	41,091,260	163,637,718	3.123	4.074
	1,129	5,239,947.00	71			7,842				41,091,260	163,637,718	3.123	
Bartow Peaker													
TOTAL BAP		641.89					No 2	1,655	5.712	9,453	177,336	27.627	107.151
		33,085.11					Gas	477,096	1.021	487,255	1,941,912	5.869	4.070
	189	33,727.00	3			14,727				496,709	2,119,248	6.284	
Bayboro Peaker													
TOTAL BYP		2,252.10					No 2	6,073	5.712	34,689	896,498	39.807	147.620
	189	2,252.10	0			15,403				34,689	896,498	39.807	
Debary Peaker													
TOTAL DEP		20,607.42					No 2	50,080	5.756	288,272	5,619,758	27.271	112.216
		126,477.58					Gas	1,728,569	1.024	1,769,263	7,067,406	5.588	4.089
	657	147,085.00	3			13,989				2,057,535	12,687,164	8.626	
Higgins Peaker													
TOTAL HGP		23,401.00					Gas	415,695	1.022	424,679	1,730,064	7.393	4.162
	115	23,401.00	3			18,148				424,679	1,730,064	7.393	
Hines Energy													
TOTAL HEP		9,322,803.70					Gas	65,462,115	1.023	66,961,734	270,419,404	2.901	4.131
	2,014	9,322,803.70	70			7,183				66,961,734	270,419,404	2.901	
Intercession City Peaker													
TOTAL ICP		14,167.24					No 2	32,613	5.801	189,194	3,207,345	22.639	98.346
		359,247.76					Gas	4,690,940	1.023	4,797,500	19,036,562	5.299	4.058
	1,026	373,415.00	6			13,354				4,986,694	22,243,907	5.957	
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		4,527.76					No 2	10,343	5.817	60,165	951,199	21.008	91.966
		55,621.24					Gas	723,527	1.022	739,100	2,806,982	5.047	3.880
	168	60,149.00	5			13,288				799,265	3,758,182	6.248	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 9/1/2016
Run Date: 10/6/2016 8:52:48AM

(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		554,109.00					Gas	4,208,189	1.025	4,315,122	17,330,179	3.128	4.118
	171	554,109.00	49			7,787				4,315,122	17,330,179	3.128	
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
		266,576.90					Gas	2,608,482	1.024	2,669,814	9,362,387	3.512	3.589
	47	266,576.90	87			10,015				2,669,814	9,362,387	3.512	
TOTAL Gas Turbine:													
	5,853	16,028,670.20				7,732				123,929,265	504,618,681	3.148	
SOLAR													
Osceola													
TOTAL OSF 1	4	1,978.00				0	Solar			0	0	0.000	
TOTAL Solar:													
	4	1,978.00				0				0	0	0.000	
SYSTEM TOTAL:													
	9,162	25,977,566.20				8,895				231,046,168	913,175,275	3.516	

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 9/1/2016
Run Date: 10/6/2016 1:28:18PM

	<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)	134,646	25,035	109,611	437.8%
20 - UNIT COST (\$/BBL)	76.89	121.35	(44.46)	(34.6%)
21 - AMOUNT (\$)	10,352,576	3,037,960	7,314,616	240.8%
22 - BURNED				
23 - UNITS (BBL)	156,839	25,035	131,804	526.5%
24 - UNIT COST (\$/BBL)	108.31	121.35	(13.04)	(10.7%)
25 - AMOUNT (\$)	16,987,653	3,037,960	13,949,693	459.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	(427)			
28 - AMOUNT (\$)	(40,885)			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	933,342	955,960	(22,618)	(2.4%)
31 - UNIT COST (\$/BBL)	109.22	200.93	(91.71)	(45.6%)
32 - AMOUNT (\$)	101,943,714	192,081,043	(90,137,329)	(46.9%)
33 -				
34 - DAYS SUPPLY	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

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 9/1/2016
Run Date: 10/6/2016 1:28:18PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	2,934,221	3,222,440	(288,219)	(8.9%)
37 - UNIT COST (\$/TON)	81.63	78.57	3.06	3.9%
38 - AMOUNT (\$)	239,532,918	253,203,163	(13,670,245)	(5.4%)
39 - BURNED				
40 - UNITS (TON)	3,143,252	3,222,440	(79,188)	(2.5%)
41 - UNIT COST (\$/TON)	81.64	78.57	3.06	3.9%
42 - AMOUNT (\$)	256,614,897	253,203,163	3,411,734	1.3%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	756,066	965,095	(209,029)	(21.7%)
48 - UNIT COST (\$/TON)	83.48	75.60	7.87	10.4%
49 - AMOUNT (\$)	63,112,633	72,963,305	(9,850,672)	(13.5%)
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 9/1/2016
Run Date: 10/6/2016 1:28:18PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	156,084,389	147,962,591	8,121,798	5.5%
68 - UNIT COST (\$/MCF)	4.10	4.30	(0.20)	(4.6%)
69 - AMOUNT (\$)	639,572,725	635,507,104	4,065,621	0.6%
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

Duek Energy Florida, LLC
Schedule A6
Power Sold for the Month of
September 2016

Last refreshed 10/13/16 3:04 PM

(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		5,430		5,430	2.759	3.394	149,835.00	184,315.00	34,480.00
ACTUAL									
Florida Municipal Power Agency	CR-1	185	0	185	6.120	6.573	11,322.00	12,159.80	837.80
New Smyrna Beach	CR-1	16	0	16	2.213	4.072	354.08	651.56	297.48
PJM Settlements, Inc	MR1	1,480	0	1,480	3.736	5.276	55,287.52	78,261.80	22,974.28
Seminole Electric Cooperative Inc.	CR-1	70	0	70	3.435	5.815	2,404.50	4,070.50	1,666.00
Tallahassee (City of)	Schedule A	67	0	67	2.863	3.731	1,918.47	2,499.77	581.30
Tampa Electric Company	CR-1	10,577	0	10,577	4.631	7.390	489,793.22	781,659.63	291,866.41
Tampa Electric Company	Schedule J	3,750	0	3,750	6.066	8.412	227,483.92	315,444.28	87,960.36
Subtotal - Gain on Other Power Sales		16,145	0	16,145	4.884	7.400	788,563.71	1,194,747.34	406,183.63
CURRENT MONTH TOTAL		16,145		16,145	4.884	7.400	788,563.71	1,194,747.34	406,183.63
DIFFERENCE		10,715		10,715	2.125	4.006	638,728.71	1,010,432.34	371,703.63
DIFFERENCE %		197		197	77.030	118.035	426.29	548.21	1,078.03
CUMULATIVE ACTUAL		64,233		64,233	3.283	4.412	2,109,011.09	2,833,826.39	724,815.30
CUMULATIVE ESTIMATED		135,005		135,005	2.745	3.371	3,705,471.00	4,551,312.00	845,841.00
DIFFERENCE		(70,772.00)		(70,772.00)	2.250	2.420	(1,596,459.91)	(1,717,485.61)	(121,025.70)
DIFFERENCE %		-52.422		-52.422	81.976	71.784	-43.084	-37.736	-14.308

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
SEPTEMBER, 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		396,389			396,389	3.549	3.549	14,068,712.00	14,068,712.00
ACTUAL									
Osprey Energy Center	TOLL	78,518			78,518	3.390	3.390	2664997.72	2,664,997.72
Shady Hills Power Company, L.L.C.	TOLL	52,708			52,708	6.040	6.040	3177471.54	3,177,471.54
Southern Company Services, Inc.	Scherer	-			-	-	-	0.00	-
Southern Power Company	Franklin	187,478			187,478	2.930	2.930	5490939.51	5,490,939.51
Vandolah Power Company L.L.C.	TOLL	155,612			155,612	5.280	5.280	8217979.27	8,217,979.27
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
ADJUSTMENTS									
Calpine Energy Services, L.P.	TOLL	-			-	-	-	30542.50	30,542.50
Osprey Energy Center	TOLL	6,704			6,704	(0.260)	(0.260)	-17691.95	(17,691.95)
Shady Hills Power Company, L.L.C.	TOLL	3,170			3,170	0.410	0.410	13350.80	13,350.80
Southern Company Services, Inc.	Scherer	-			-	-	-	0.00	-
Southern Power Company	Franklin	-			-	-	-	-1457.04	(1,457.04)
Vandolah Power Company L.L.C.	TOLL	5,974			5,974	0.530	0.530	35075.83	35,075.83
CURRENT MONTH TOTAL		490,164			490,164	4.001	4.001	19,611,208.18	19,611,208.18
DIFFERENCE		93,775			93,775.00	0.452	0.452	5,542,496.18	5,542,496.18
DIFFERENCE %		23.66			23.66	12.735	12.735	39.40	39.40
CUMULATIVE ACTUAL		5,040,026			5,040,026	3.741	3.741	188,541,557.02	188,541,557.02
CUMULATIVE ESTIMATED		3,183,308			3,183,308	3.696	3.696	117,661,097.00	117,661,097.00
DIFFERENCE		1,856,718.00			1,856,718.00	0.04	0.04	70,880,460.02	70,880,460.02
DIFFERENCE %		58			58	1.209	1.209	60.24	60.24

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
SEPTEMBER, 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		279,254	-	-	279,254	4	12.376	11,779,156.00
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	37,633 (2)			37,633 (2)	8	7.526	2,832,259.58 (12.30)
Citrus World (CITRUS) ADJ	CO-GEN	11 (2)			11 (2)	3	2.85	304.10 (75.49)
Lake County (LAKCOUNT) ADJ	CO-GEN	438			438	3	3.11	13,621.80 (4,234.05)
Lake Cogen Limited (LAKORDER) ADJ	CO-GEN	-			-	-	0	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	-			-	-	0	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	11,859			11,859	3	2.97	352,212.30 (68,628.99)
Orange Cogen (ORANGEAS) ADJ	CO-GEN	604			604	3	2.753	16,628.12 (4,124.17)
Ornage Cogen (ORANGECO) ADJ	CO-GEN	22,850			22,850	4	4.021	918,798.50 (4,129.86)
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	85,551			85,551	5	5.121	4,381,066.71 144,273.99
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-			-	-	0	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	16,834			16,834	3	2.94	494,919.60 (31,459.84)
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	2			2	4	3.674	62.83 73.38
PCS Phosphate (OCWHSPRS) ADJ	CO-GEN	-			-	-	0	-
Perpetual Energy (PRPETUAL) ADJ	CO-GEN	-			-	-	0	-
Pinellas County Resource Recovery ADJ	CO-GEN	28,514			28,514	3	2.931	835,745.34 (68,338.99)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	39,339			39,339	3	3.261	1,282,844.79 5,715.26
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	20,296			20,296	5	5.232	1,061,886.72 50,458.71
Auburndale Power Partners, L.P. (AUBEST) ADJ	CO-GEN	-			-	-	0	-
Florida Power Development (FCRUSHAS) ADJ	CO-GEN	-			-	2	2.175	-
Orange Cogen (ORANCECO) ADJ	CO-GEN	2			2			43.51
Orange Cogen (ORNAGECO) ADJ	CO-GEN	-			-	-	0	-
Auburndale Power Partners, L.P. (AUBRDLFC) ADJ	CO-GEN	-			-	-	0	-
CURRENT MONTH TOTAL		263,938			263,938	4.626	4.626	12,209,911.55
DIFFERENCE		(15,316)			(15,316)	0.408	(7.750)	430,755.55
DIFFERENCE %		(5)			(5)	9.674	(183.735)	3.66
CUMULATIVE ACTUAL		2,283,646			2,283,646	4.108	4.108	93,822,461.76
CUMULATIVE ESTIMATED		2,553,014			2,553,014	4.256	4.256	108,646,470.00
CUMULATIVE DIFFERENCE		(269,368)			(269,368)	(0.147)	(0.147)	(14,824,008.24)
CUMULATIVE DIFFERENCE %		(11)			(11)	(3.458)	(3.458)	(13.64)

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
SEPTEMBER, 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		6,504	4.823	313,737.00	5.904	383,999.00	70,262.00
ACTUAL:							
Florida Municipal Power Agency	Schedule C	25	2.727	681.75	3.147	786.75	105.00
Florida Power & Light Company	Schedule C	49	2.431	1,191.19	3.115	1,526.35	335.16
Orlando Utilities Commission	Schedule C	25	2.571	642.75	3.178	794.50	151.75
SubTotal - Energy Purchases (Broker)		99	2.541	2,515.69	3.139	3,107.60	591.91
SEPA	Hydro	-	0.000	-	0.000	-	-
Duke Electric Transmission	Transmission Purchase	-	0	-	0	-	-
Exelon Generation Company, LLC	InternationalSwapsDerivativesAssoc	2,523	3.568	90,014.00	4.721	119,121.18	29,107.18
Florida Power & Light Company	Transmission Purchase	-	0.000	124.50	0.000	-	(124.50)
Florida Power & Light Company		4,750	3.555	168,850.00	4.670	221,822.09	52,972.09
Orlando Utilities Commission	Schedule OS	100	2.900	2,900.00	3.067	3,067.00	167.00
Orlando Utilities Commission	Transmission Purchase	-	0.000	50.00	0.000	-	(50.00)
Southern Company Services, Inc	EEI	548	5.031	27,568.00	5.393	29,552.76	1,984.76
Southern Company Services, Inc	Transmission Purchase	-	0.000	16,019.22	0.000	-	(16,019.22)
Tampa Electric Company	EEI2	5,190	2.106	109,290.00	3.326	172,622.40	63,332.40
Tampa Electric Company	Transmission Purchase	-	0.000	69,752.03	0.000	-	(69,752.03)
The Energy Authority, Inc.	EEI	217	1.721	3,735.00	2.303	4,996.87	1,261.87
ADJUSTMENTS							
Southern Company Services	Transmission Purchase	-	0.000	(439.49)	0.000	-	439.49
Tampa Electric Company	Transmission Purchase	-	0.000	4.10	0.000	-	(4.10)
Tampa Electric Company		-	0.000	31,743.36	0.000	-	(31,743.36)
Florida Power & Light		-	0.000	461.76	0.000	-	(461.76)
Jacksonville Electric		-	0.000	935.76	0.000	-	(935.76)
PJM Settlements		-	0.000	(1,217.64)	0.000	-	1,217.64
SubTotal - Energy Purchases (Non-Broker)		13,328	3.900	519,790.60	4.136	551,182.30	31,391.70
CURRENT MONTH TOTAL		13,427	3.890	522,306.29	4.128	554,289.90	31,983.61
DIFFERENCE		6,923	-0.933029865	208,569.29	-1.775826171	170,290.90	(38,278.39)
DIFFERENCE %		106	-19.34542536	66.48	-30.07835656	44.35	(54.48)
CUMULATIVE ACTUAL		83,165	4.733	3,936,211.83	6.404	5,325,567.67	1,389,356.17
CUMULATIVE ESTIMATED		56,506	5.060	2,859,064.00	5.801	3,277,749.00	418,685.00
DIFFERENCE		26,659	(0.327)	1,077,147.83	0.603	2,047,818.67	970,671.17
DIFFERENCE %		47	(6.458)	37.67	10.394	62.48	231.84

DUKE ENERGY FLORIDA, LLC
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2016

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD	
1	Auburndale Power Partners, L.P. (AUBRDLFC)	QF	17.00	1/1/95 - 12/31/13	0	0	0	0	0	0	0	0	0	0	0	0	
2	Auburndale Power Partners, L.P. (AUBSET)	QF	114.18	8/1/94 - 12/31/13	0	0	0	0	0	0	0	0	0	0	0	0	
3	Lake County (LAKCOUNT)	QF	12.75	1/1/95 - 6/30/14	0	0	0	0	0	0	0	0	0	0	0	0	
4	Lake Cogen Limited (LAKORDER)	QF	110.00	7/1/93 - 7/31/13	0	0	0	0	0	0	0	0	0	0	0	0	
5	Metro-Dade County (METRDADE)	QF	43.00	11/1/91 - 11/30/13	0	0	0	0	0	0	0	0	0	0	0	0	
6	Orange Cogen (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	4,826,219	4,826,219	4,826,219	4,826,219	0	0	41,876,297	
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	4,854,074	4,854,074	4,854,074	4,854,074	0	0	52,242,195	
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	1,677,850	1,677,850	0	0	15,000,370	
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	3,994,013	3,994,013	0	0	35,707,403	
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	6,261,481	6,273,652	0	0	0	58,607,597	
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	562,274	564,062	0	0	4,825,945	
12	UPS Purchase (414 total mw) - Southern	Other	414	7/19/88 - 5/31/10	0	0	0	0	0	0	0	0	0	0	0	0	
13	Southern purchase - Scherer	Other	74	6/1/10 - 5/31/16	2,149,228	1,826,729	1,773,417	1,774,164	1,775,120	276,573	(144,661)	0	0	0	0	9,430,571	
			350	6/1/10 - 5/31/16													
14	Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	3,201,566	3,298,621	3,206,417	3,469,625	3,102,253	5,095,516	5,416,928	6,112,437	4,498,362	0	0	37,401,725	
15	TECO Power Purchase (70 mw)	Other	70	3/30/93 - 2/28/11	0	0	0	0	0	0	0	0	0	0	0	0	
16	Other: NEIL insurance proceeds				0	0	0	0	0	0	0	0	0	0	0	0	
17	Retail Wheeling				(33,737)	(1,790)	(6,527)	(149,519)	(1,545)	0	(510)	(7,979)	(58,345)	0	0	(259,952)	
18	Levy Projected Expense				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	0	0	42,733,910	
SUBTOTAL					39,096,466	32,521,204	32,333,896	32,405,930	32,136,457	32,569,984	32,293,312	32,943,780	31,265,031	0	0	0	297,566,061
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	11,246,418	6,018,837	0	0	69,174,216	
TOTAL					45,069,211	38,759,077	37,449,992	37,392,959	38,497,137	43,883,234	43,582,685	44,190,198	37,283,868	0	0	0	366,740,277

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