



DIANNE M. TRIPLETT
ASSOCIATE GENERAL COUNSEL

September 20, 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 August 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 August 2016 have been furnished to the following individuals via e-mail on this 20th day of September, 2016.

/s/ Dianne M. Triplett

Attorney

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

AUGUST 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)	124,357,000	109,080,926	15,276,074	14.0	3,491,381	3,370,193	121,188	3.6	3.5618	3.2366	0.3252	10.1
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	(22,903)	(10,408)	(12,495)	120.1	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	123,986,139	109,070,518	14,915,621	13.7	3,491,381	3,370,193	121,188	3.6	3.5512	3.2363	0.3149	9.7
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	26,161,198	19,727,170	6,434,028	32.6	653,667	539,002	114,666	21.3	4.0022	3.6599	0.3423	9.4
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	1,888	0	1,888	0.0	74	0	74	0.0	2.5513	0.0000	2.5513	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	231,268	343,895	(112,627)	(32.8)	2,634	6,730	(4,096)	(60.9)	8.7801	5.1096	3.6705	71.8
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)	12,684,291	12,164,930	519,361	4.3	283,787	288,563	(4,776)	(1.7)	4.4697	4.2157	0.2540	6.0
12 TOTAL COST OF PURCHASED POWER	39,078,645	32,235,995	6,842,650	21.2	940,162	834,295	105,867	12.7	4.1566	3.8639	0.2927	7.6
13 TOTAL AVAILABLE MWH					4,431,542	4,204,488	227,055	5.4				
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)	(285,974)	(384,802)	98,828	(25.7)	(6,420)	(12,350)	5,930	(48.0)	4.4544	3.1158	1.3386	43.0
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(48,885)	(88,550)	39,665	(44.8)	(6,420)	(12,350)	5,930	(48.0)	0.7615	0.7170	0.0445	6.2
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	(5,851,596)	(2,426,240)	(3,425,356)	141.2	(196,650)	(108,179)	(88,471)	81.8	2.9756	2.2428	0.7328	32.7
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(6,186,455)	(2,899,592)	(3,286,863)	113.4	(203,070)	(120,529)	(82,541)	68.5	3.0465	2.4057	0.6408	26.6
19 NET INADVERTENT AND WHEELED INTERCHANGE					21,632	0	21,632					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	156,878,329	138,406,921	18,471,408	13.4	4,250,104	4,083,959	166,146	4.1	3.6912	3.3890	0.3022	8.9
21 NET UNBILLED	(9,284,127)	1,557,487	(10,841,614)	(696.1)	251,523	(45,957)	297,480	(647.3)	(0.2256)	0.0408	(0.2664)	(652.9)
22 COMPANY USE	624,704	406,685	218,019	53.6	(16,924)	(12,000)	(4,924)	41.0	0.0152	0.0106	0.0046	43.4
23 T & D LOSSES	13,619,214	6,979,114	6,640,100	95.1	(368,968)	(205,932)	(163,036)	79.2	0.3309	0.1827	0.1482	81.1
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	156,878,329	138,406,921	18,471,408	13.4	4,115,735	3,820,070	295,665	7.7	3.8117	3.6232	0.1885	5.2
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,333,466)	(830,442)	(503,024)	60.6	(34,839)	(22,815)	(12,024)	52.7	3.8275	3.6399	0.1876	5.2
26 JURISDICTIONAL KWH SALES	155,544,863	137,576,479	17,968,384	13.1	4,080,896	3,797,255	283,641	7.5	3.8115	3.6231	0.1884	5.2
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	155,607,081	137,648,019	17,959,062	13.1	4,080,896	3,797,255	283,641	7.5	3.8131	3.6249	0.1882	5.2
28 PRIOR PERIOD TRUE-UP	(10,764,480)	(10,764,480)	(0)	0.0	4,080,896	3,797,255	283,641	7.5	(0.2638)	(0.2835)	0.0197	(7.0)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	4,080,896	3,797,255	283,641	7.5	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	4,080,896	3,797,255	283,641	7.5	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	144,842,601	126,883,539	17,959,062	14.2	4,080,896	3,797,255	283,641	7.5	3.5493	3.3414	0.2079	6.2
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.5519	3.3438	0.2081	6.2
32 GPIF	(717,816)	(717,816)			4,080,896	3,797,255			(0.0176)	(0.0189)	0.0013	(6.9)
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.534	3.325	0.209	6.3

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - AUGUST 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)	795,917,131	787,362,007	8,555,124	1.1	22,599,282	23,117,506	(518,224)	(2.2)	3.5219	3.4059	0.1160	3.4
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR 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	(147,029)	(10,143,965)	9,996,936	(98.6)	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	795,422,144	777,218,042	18,204,102	2.3	22,599,282	23,117,506	(518,224)	(2.2)	3.5197	3.3620	0.1577	4.7
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	168,930,349	103,592,385	65,337,964	63.1	4,549,862	2,786,918	1,762,944	63.3	3.7129	3.7171	(0.0042)	(0.1)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	10,750	0	10,750	0.0	464	0	464	0.0	2.3169	0.0000	2.3169	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	3,403,155	2,545,327	857,828	33.7	69,274	50,002	19,272	38.5	4.9126	5.0905	(0.1779)	(3.5)
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)	81,612,550	96,867,313	(15,254,763)	(15.8)	2,019,708	2,273,760	(254,053)	(11.2)	4.0408	4.2602	(0.2194)	(5.2)
12 TOTAL COST OF PURCHASED POWER	253,956,805	203,005,025	50,951,779	25.1	6,639,308	5,110,680	1,528,628	29.9	3.8250	3.9722	(0.1472)	(3.7)
13 TOTAL AVAILABLE MWH					29,238,589	28,228,186	1,010,404	3.6				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,320,447)	(3,555,637)	2,235,190	(62.9)	(48,088)	(129,575)	81,487	(62.9)	2.7459	2.7441	0.0018	0.1
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(318,632)	(811,361)	492,729	(60.7)	(48,088)	(129,575)	81,487	(62.9)	0.6626	0.6262	0.0364	5.8
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	(23,808,904)	(14,843,069)	(8,965,835)	60.4	(922,428)	(598,268)	(324,160)	54.2	2.5811	2.4810	0.1001	4.0
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(25,447,983)	(19,210,067)	(6,237,916)	32.5	(970,516)	(727,843)	(242,673)	33.3	2.6221	2.6393	(0.0172)	(0.7)
19 NET INADVERTENT AND WHEELED INTERCHANGE					132,815	0	132,815					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	1,023,930,965	961,013,001	62,917,965	6.6	28,400,888	27,500,343	900,546	3.3	3.6053	3.4945	0.1108	3.2
21 NET UNBILLED	20,730,024	31,525,318	(10,795,294)	(34.2)	(574,991)	(905,024)	330,033	(36.5)	0.0798	0.1256	(0.0458)	(36.5)
22 COMPANY USE	3,683,179	3,366,576	316,603	9.4	(102,161)	(96,000)	(6,161)	6.4	0.0142	0.0134	0.0008	6.0
23 T & D LOSSES	63,525,502	49,045,464	14,480,038	29.5	(1,762,014)	(1,402,237)	(359,777)	25.7	0.2447	0.1954	0.0493	25.2
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,023,930,965	961,013,001	62,917,965	6.6	25,961,723	25,097,081	864,641	3.5	3.9440	3.8292	0.1148	3.0
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(10,646,198)	(5,881,461)	(4,764,737)	81.0	(270,385)	(152,997)	(117,388)	76.7	3.9374	3.8442	0.0932	2.4
26 JURISDICTIONAL KWH SALES	1,013,284,767	955,131,539	58,153,228	6.1	25,691,337	24,944,084	747,253	3.0	3.9441	3.8291	0.1150	3.0
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	1,013,714,253	955,628,208	58,086,045	6.1	25,691,337	24,944,084	747,253	3.0	3.9457	3.8311	0.1146	3.0
28 PRIOR PERIOD TRUE-UP	(73,505,160)	(73,505,157)	(3)	0.0	25,691,337	24,944,084	747,253	3.0	(0.2861)	(0.2947)	0.0086	(2.9)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	25,691,337	24,944,084	747,253	3.0	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	25,691,337	24,944,084	747,253	3.0	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	940,209,093	882,123,051	58,086,042	6.6	25,691,337	24,944,084	747,253	3.0	3.6596	3.5364	0.1232	3.5
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.6622	3.5389	0.1233	3.5
32 GPIF	(5,742,531)	(5,742,528)			25,691,337	24,944,084			(0.0224)	(0.0230)	0.0006	102.7
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.640	3.516	0.124	3.5

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
AUGUST 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	\$124,357,000	109,080,926	\$15,276,074	14.0	\$795,917,131	\$787,362,007	\$8,555,124	1.1
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	(347,958)	0	(347,958)	0.0	(347,958)	0	(347,958)	0.0
2 . FUEL COST OF POWER SOLD	(285,974)	(384,802)	98,828	(25.7)	(1,320,447)	(3,555,637)	2,235,190	(62.9)
2a. GAIN ON POWER SALES	(48,885)	(88,550)	39,665	(44.8)	(318,632)	(811,361)	492,729	(60.7)
3 . FUEL COST OF PURCHASED POWER	26,161,198	19,727,170	6,434,028	32.6	168,930,349	103,592,385	65,337,964	63.1
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	12,684,291	12,164,930	519,361	4.3	81,612,550	96,867,313	(15,254,763)	(15.8)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	233,156	343,895	(110,739)	(32.2)	3,413,906	2,545,327	868,579	34.1
5 . TOTAL FUEL & NET POWER TRANSACTIONS	162,752,828	140,843,569	21,909,259	15.6	1,047,886,899	986,000,034	61,886,864	6.3
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(5,851,596)	(2,426,240)	(3,425,356)	141.2	(23,808,904)	(14,843,069)	(8,965,835)	60.4
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(22,903)	(10,408)	(12,495)	120.1	(147,029)	(10,143,965)	9,996,936	(98.6)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$156,878,329	\$138,406,921	\$18,471,408	13.4	\$1,023,930,965	\$961,013,001	\$62,917,965	6.6

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}	850	0	850	8,600	0	8,600	
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	(23,755)	(10,408)	(13,347)	(164,581)	(83,263)	(81,318)	
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	2	0	2	8,951	0	8,951	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	(\$22,903)	(\$10,408)	(\$12,495)	(\$147,029)	(\$10,143,965)	\$9,996,936	

B. KWH SALES								
1 . JURISDICTIONAL SALES	4,080,895,469	3,797,255,000	283,640,469	7.5	25,691,337,816	24,944,084,316	747,253,500	3.0
2 . NON JURISDICTIONAL (WHOLESALE) SALES	34,839,231	22,815,000	12,024,231	52.7	270,385,382	152,997,000	117,388,382	76.7
3 . TOTAL SALES	4,115,734,700	3,820,070,000	295,664,700	7.7	25,961,723,198	25,097,081,316	864,641,882	3.5
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.15	99.40	(0.25)	(0.3)	98.96	99.39	(0.43)	(0.4)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$123,728,503	\$113,123,375	\$10,605,128	9.4	\$814,952,158	\$860,922,690	(\$45,970,532)	(5.3)
2. ADJUSTMENTS:	5,000,000	5,000,000	0	0.0	40,000,000	40,000,000	0	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	833,333	(0)	0.0	6,666,667	6,666,667	(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	73,505,160	73,505,157	3	0.0
2d. INCENTIVE PROVISION	717,816	717,816	0	0.0	5,742,531	5,742,528	3	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	141,044,133	130,439,005	10,605,128	8.1	940,866,515	986,837,041	(45,970,526)	(4.7)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	156,878,329	138,406,921	18,471,408	13.4	1,023,930,965	961,013,001	62,917,965	6.6
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.15	99.40	(0.25)	(0.3)	98.96	99.39	(0.43)	(0.4)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.0004 LOSS MULTIPLIER)	155,607,081	137,648,019	17,959,062	13.1	1,013,714,253	955,628,208	58,086,045	6.1
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(14,562,948)	(7,209,014)	(7,353,934)	102.0	(72,847,737)	31,208,833	(104,056,571)	(333.4)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(5,920)	45,007	(50,927)	(113.2)	206,142	269,926	(63,784)	(23.6)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(4,250,327)	54,633,122	(58,883,449)	(107.8)	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	(73,505,160)	(73,505,157)	(3)	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(29,583,676)	36,704,634	(66,288,310)	(180.6)	(29,583,676)	36,704,634	(66,288,310)	(180.6)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$29,583,676)	36,704,634	(66,288,310)	(180.6)	(\$29,583,676)	36,704,634	(66,288,310)	(180.6)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$4,250,327)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(29,577,756)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(33,828,083)	N/A	--	--			NOT	
4. AVERAGE TRUE UP (50% OF LINE D3)	(16,914,041)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.430	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.420	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.850	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.425	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.035	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$5,920)	N/A	--	--				

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 8/1/2016 to 8/1/2016
Run Date: 9/6/2016 12:52:26PM

<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	1,928,988	314,738	1,614,250	512.9%
3 - COAL	38,905,288	30,862,274	8,043,014	26.1%
4 - GAS	83,522,724	77,903,914	5,618,810	7.2%
5 - NUCLEAR	0	0	0	0.0%
6 SOLAR	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	124,357,000	109,080,926	15,276,074	14.0%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	8,727	148	8,579	5,796.6%
11 - COAL	985,965	869,226	116,739	13.4%
12 - GAS	2,496,119	2,499,205	(3,086)	(0.1%)
13 - NUCLEAR	0	0	0	0.0%
14 SOLAR	570	1,614	(1,044)	(64.7%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	3,491,381	3,370,193	121,188	3.6%
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	19,550	2,035	17,515	860.7%
19 - COAL (TON)	469,698	404,646	65,052	16.1%
20 - GAS (MCF)	19,959,083	19,375,563	583,520	3.0%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	113,162	11,860	101,302	854.1%
26 - COAL	10,433,841	9,272,208	1,161,633	12.5%
27 - GAS	20,504,178	19,375,563	1,128,615	5.8%
28 - NUCLEAR	0	0	0	0.0%
29 SOLAR	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	31,051,180	28,659,631	2,391,549	8.3%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 8/1/2016 to 8/1/2016
Run Date: 9/6/2016 12:52:26PM

<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	5591.9%
34 - COAL	28.2	25.79	2.4	9.5%
35 - GAS	71.5	74.16	(2.7)	(3.6%)
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 SOLAR	0.02	0.05	(0.03)	(65.9%)
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)	98.67	154.66	(55.99)	(36.2%)
42 - COAL (\$/TON)	82.83	76.27	6.56	8.6%
43 - GAS (\$/MCF)	4.18	4.02	0.16	4.1%
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	17.05	26.54	(9.49)	(35.8%)
49 - COAL	3.73	3.33	0.40	12.0%
50 - GAS	4.07	4.02	0.05	1.3%
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)	4.00	3.81	0.20	5.2%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,967	80,135	(67,168)	(83.8%)
57 - COAL	10,582	10,667	(85)	(0.8%)
58 - GAS	8,214	7,753	462	6.0%
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	8,508	387	4.6%

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 8/1/2016 to 8/1/2016

Run Date: 9/6/2016 12:52:26PM

<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	22.10	212.66	(190.56)	(89.6%)
65 - COAL	3.95	3.55	0.40	11.1%
66 - GAS	3.35	3.12	0.23	7.3%
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>3.56</u>	<u>3.24</u>	<u>0.32</u>	<u>10.0%</u>

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 8/1/2016 to 8/1/2016
Run Date: 9/6/2016 12:52:54PM

(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		201,318.00					Gas	2,156,833	1.024	2,208,597	9,099,247	4.520	4.219
	521	201,318.00	52			10,971				2,208,597	9,099,247	4.520	
TOTAL UNIT 2		190,315.00					Gas	2,024,627	1.024	2,073,218	8,541,496	4.488	4.219
	520	190,315.00	49			10,894				2,073,218	8,541,496	4.488	
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		55,604.00					Coal	29,247	22.098	646,300	2,679,070	4.818	91.602
		0.00					No 2	2,545	5.739	14,605	261,005	0.000	102.556
	330	55,604.00	23			11,886				660,905	2,940,074	5.288	
TOTAL UNIT 2		89,549.00					Coal	51,493	22.098	1,137,892	4,716,837	5.267	91.602
		0.00					No 2	1,594	5.796	9,239	163,474	0.000	102.556
	445	89,549.00	27			12,810				1,147,131	4,880,311	5.450	
Crystal River 4 & 5													
TOTAL UNIT 4		432,186.00					Coal	198,357	22.238	4,411,063	16,068,846	3.718	81.010
		0.00					No 2	1,943	5.796	11,262	199,262	0.000	102.554
	712	432,186.00	82			10,232				4,422,325	16,268,109	3.764	
TOTAL UNIT 5		412,581.00					Coal	190,601	22.238	4,238,585	15,440,535	3.742	81.010
		0.00					No 2	1,622	5.744	9,316	166,343	0.000	102.554
	710	412,581.00	78			10,296				4,247,901	15,606,877	3.783	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 8/1/2016 to 8/1/2016

Run Date: 9/6/2016 12:52:54PM

(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	
		11,947.00					Gas	183,768	1.024	188,178	775,812	6.494	4.222
TOTAL UNIT 2	29	11,947.00	55			15,751				188,178	775,812	6.494	
		32,296.00					Gas	365,647	1.024	374,423	1,543,650	4.780	4.222
TOTAL UNIT 3	71	32,296.00	61			11,593				374,423	1,543,650	4.780	
TOTAL Steam:	3,338	1,425,796.00				10,747				15,322,678	59,655,577	4.184	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 8/1/2016 to 8/1/2016
Run Date: 9/6/2016 12:52:54PM

(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													
		7.72					No 2	24	5.816	140	2,276	29.468	94.835
TOTAL APP		319.28					Gas	5,635	1.024	5,770	24,574	7.697	4.361
	50	327.00	1			18,073				5,910	26,850	8.211	
Bartow Combined Cycle													
TOTAL BCC		738,912.00					Gas	5,250,664	1.030	5,408,184	21,878,330	2.961	4.167
	1,105	738,912.00	90			7,319				5,408,184	21,878,330	2.961	
Bartow Peaker													
TOTAL BAP		1,672.00					Gas	25,951	1.024	26,574	112,608	6.735	4.339
	89	1,672.00	3			15,893				26,574	112,608	6.735	
Bayboro Peaker													
TOTAL BYP		45.70					No 2	102	5.712	583	14,836	32.463	145.449
	44	45.70	0			12,749				583	14,836	32.463	
Debary Peaker													
TOTAL DEP		626.29					No 2	1,495	5.759	8,610	165,271	26.389	110.549
		20,915.71					Gas	279,974	1.027	287,533	1,186,021	5.670	4.236
	505	21,542.00	6			13,747				296,143	1,351,293	6.273	
Higgins Peaker													
TOTAL HGP		2,829.90					Gas	50,965	1.024	52,188	217,651	7.691	4.271
	114	2,829.90	3			18,442				52,188	217,651	7.691	
Hines Energy													
TOTAL HEP		1,046,976.00					Gas	7,310,400	1.027	7,507,781	30,630,136	2.926	4.190
	1,912	1,046,976.00	74			7,171				7,507,781	30,630,136	2.926	
Intercession City Peaker													
TOTAL ICP		2,012.36					No 2	4,641	5.802	26,926	442,973	22.013	95.448
		62,394.58					Gas	810,535	1.030	834,851	3,385,381	5.426	4.177
	793	64,406.94	11			13,380				861,777	3,828,354	5.944	
Suwannee Peaker													
TOTAL SRP		2,249.03					No 2	5,584	5.817	32,482	513,547	22.834	91.968
		7,959.17					Gas	112,258	1.024	114,952	475,854	5.979	4.239
	155	10,208.20	9			14,443				147,434	989,401	9.692	
Tiger Bay Cogen													
TOTAL TBP		150,675.00					Gas	1,111,381	1.030	1,144,722	4,631,073	3.074	4.167
	205	150,675.00	99			7,597				1,144,722	4,631,073	3.074	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 8/1/2016 to 8/1/2016

Run Date: 9/6/2016 12:52:54PM

(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
		27,420.10					Gas	270,445	1.025	277,206	1,020,890	3.723	3.775
TOTAL UFP													
	46	27,420.10	80			10,110				277,206	1,020,890	3.723	
TOTAL Gas Turbine:													
	5,018	2,065,014.84				7,617				15,728,502	64,701,422	3.133	
SOLAR													
Osceola													
	4	570.00				0	Solar			0	0	0.000	
TOTAL UFP													
TOTAL Solar:													
	4	570.00				0				0	0	0.000	
SYSTEM TOTAL:													
	8,356	3,491,380.84				8,895				31,051,180	124,357,000	3.562	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 8/1/2016 to 8/1/2016
Run Date: 9/6/2016 12:51:50PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	-
4 - AMOUNT (\$)	0	0	0	0.0%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	(2,206)	0	(2,206)	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	1,759	2,035	(276)	(13.6%)
20 - UNIT COST (\$/BBL)	160.47	154.66	5.81	3.8%
21 - AMOUNT (\$)	282,270	314,738	(32,468)	(10.3%)
22 - BURNED				
23 - UNITS (BBL)	19,550	2,035	17,515	860.7%
24 - UNIT COST (\$/BBL)	98.67	154.66	(55.99)	(36.2%)
25 - AMOUNT (\$)	1,928,988	314,738	1,614,250	512.9%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	946,555	955,960	(9,405)	(1.0%)
31 - UNIT COST (\$/BBL)	109.25	154.66	(45.41)	(29.4%)
32 - AMOUNT (\$)	103,410,061	147,848,774	(44,438,713)	(30.1%)
33 -				
34 - DAYS SUPPLY	1,501	14,093	(12,592)	(89.3%)

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: 8/1/2016 to 8/1/2016
Run Date: 9/6/2016 12:51:50PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	487,100	404,646	82,454	20.4%
37 - UNIT COST (\$/TON)	85.03	76.27	8.76	11.5%
38 - AMOUNT (\$)	41,417,013	30,862,274	10,554,739	34.2%
39 - BURNED				
40 - UNITS (TON)	469,698	404,646	65,052	16.1%
41 - UNIT COST (\$/TON)	82.83	76.27	6.56	8.6%
42 - AMOUNT (\$)	38,905,288	30,862,274	8,043,014	26.1%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	596,488	965,095	(368,607)	(38.2%)
48 - UNIT COST (\$/TON)	83.99	76.27	7.72	10.1%
49 - AMOUNT (\$)	50,097,731	73,607,603	(23,509,872)	(31.9%)
50 -				
51 - DAYS SUPPLY	39	72	(32)	(45.0%)
OTHER				
52				
53				
54				
55				
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57				
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59				
60				
61				
62				
63				
64				
65				

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

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 8/1/2016 to 8/1/2016

Run Date: 9/6/2016 12:51:50PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	19,959,083	19,375,563	583,520	3.0%
68 - UNIT COST (\$/MCF)	4.18	4.02	0.16	4.1%
69 - AMOUNT (\$)	83,522,724	77,903,914	5,618,810	7.2%
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
AUGUST 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 8/1/2016
Run Date: 9/7/2016 10:06:00AM

<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	15,223,104	2,762,881	12,460,223	451.0%
3 - COAL	227,059,784	224,264,528	2,795,256	1.2%
4 - GAS	553,634,243	560,334,598	(6,700,355)	(1.2%)
5 - NUCLEAR	0	0	0	0.0%
6 SOLAR	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	795,917,131	787,362,007	8,555,124	1.1%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	60,853	1,766	59,087	3,345.8%
11 - COAL	5,841,254	6,163,516	(322,262)	(5.2%)
12 - GAS	16,695,760	16,941,638	(245,878)	(1.5%)
13 - NUCLEAR	0	0	0	0.0%
14 SOLAR	1,415	10,588	(9,173)	(86.6%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	22,599,282	23,117,508	(518,226)	(2.2%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	139,351	23,666	115,685	488.8%
19 - COAL (TON)	2,789,766	2,839,665	(49,899)	(1.8%)
20 - GAS (MCF)	135,801,344	129,828,360	5,972,984	4.6%
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	803,770	137,710	666,060	483.7%
26 - COAL	62,616,118	65,338,742	(2,722,624)	(4.2%)
27 - GAS	138,817,936	129,828,360	8,989,576	6.9%
28 - NUCLEAR	0	0	0	0.0%
29 SOLAR	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	202,237,824	195,304,812	6,933,012	3.5%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 8/1/2016
Run Date: 9/7/2016 10:06:00AM

<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	3424.8%
34 - COAL	25.8	26.66	(0.8)	(3.1%)
35 - GAS	73.9	73.28	0.6	0.8%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 SOLAR	0.0	0.05	(0.0)	(86.3%)
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)	109.24	116.74	(7.50)	(6.4%)
42 - COAL (\$/TON)	81.39	78.98	2.41	3.1%
43 - GAS (\$/MCF)	4.08	4.32	(0.24)	(5.5%)
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	18.94	20.06	(1.12)	(5.6%)
49 - COAL	3.63	3.43	0.19	5.6%
50 - GAS	3.99	4.32	(0.33)	(7.6%)
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)	3.94	4.03	(0.10)	(2.4%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	13,208	77,978	(64,770)	(83.1%)
57 - COAL	10,720	10,601	119	1.1%
58 - GAS	8,315	7,663	651	8.5%
59 - NUCLEAR	0	0	0	0.0%
60 SOLAR	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,949	8,450	500	5.9%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 8/1/2016

Run Date: 9/7/2016 10:06:00AM

<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	25.02	156.45	(131.43)	(84.0%)
65 - COAL	3.89	3.64	0.25	6.8%
66 - GAS	3.32	3.31	0.01	0.3%
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>3.52</u>	<u>3.41</u>	<u>0.12</u>	<u>3.4%</u>

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 8/1/2016

Run Date: 9/7/2016 10:06:05AM

(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		1,292,204.00					Gas	13,431,220	1.022	13,731,523	54,498,063	4.217	4.058
	524	1,292,204.00	42			10,626				13,731,523	54,498,063	4.217	
TOTAL UNIT 2		1,277,484.00					Gas	13,528,611	1.022	13,830,537	54,992,262	4.305	4.065
	524	1,277,484.00	42			10,826				13,830,537	54,992,262	4.305	
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		415,756.00					Coal	213,850	22.788	4,873,317	19,624,505	4.720	91.768
		0.00					No 2	11,466	5.756	66,003	1,231,326	0.000	107.389
	372	415,756.00	19			11,880				4,939,319	20,855,831	5.016	
TOTAL UNIT 2		512,187.00					Coal	280,278	22.462	6,295,714	25,614,249	5.001	91.389
		0.00					No 2	9,958	5.769	57,448	1,020,796	0.000	102.510
	503	512,187.00	17			12,404				6,353,162	26,635,044	5.200	
Crystal River 4 & 5													
TOTAL UNIT 4		2,306,571.00					Coal	1,078,238	22.414	24,167,530	85,423,230	3.703	79.225
		0.00					No 2	12,949	5.765	74,647	1,480,910	0.000	114.365
	721	2,306,571.00	55			10,510				24,242,177	86,904,140	3.768	
TOTAL UNIT 5		2,631,157.00					Coal	1,217,400	22.408	27,279,558	96,397,801	3.664	79.183
		0.00					No 2	13,772	5.751	79,196	1,607,065	0.000	116.691
	721	2,631,157.00	62			10,398				27,358,754	98,004,865	3.725	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 8/1/2016

Run Date: 9/7/2016 10:06:05AM

(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	21			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	41			15,046				1,035,405	4,133,981	6.007	
TOTAL UNIT 3		236,562.00					Gas	2,753,414	1.023	2,815,886	11,435,992	4.834	4.153
	73	236,562.00	55			11,903				2,815,886	11,435,992	4.834	
TOTAL Steam:	3,338	8,774,958.00				10,802				94,789,759	359,462,512	4.096	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 8/1/2016
Run Date: 9/7/2016 10:06:05AM

(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													
		143.26					No 2	436	5.816	2,536	41,348	28.862	94.835
TOTAL APP		4,398.94					Gas	76,298	1.021	77,867	313,388	7.124	4.107
	58	4,542.20	1			17,701				80,403	354,736	7.810	
Bartow Combined Cycle													
TOTAL BCC		4,551,076.00					Gas	35,208,033	1.022	35,984,314	142,998,243	3.142	4.062
	1,132	4,551,076.00	69			7,907				35,984,314	142,998,243	3.142	
Bartow Peaker													
TOTAL BAP		644.99					No 2	1,655	5.712	9,453	177,336	27.494	107.151
		31,748.01					Gas	455,672	1.021	465,317	1,848,518	5.822	4.057
	189	32,393.00	3			14,657				474,770	2,025,853	6.254	
Bayboro Peaker													
TOTAL BYP		2,252.10					No 2	5,574	5.712	31,839	824,092	36.592	147.846
	189	2,252.10	0			14,137				31,839	824,092	36.592	
Debary Peaker													
TOTAL DEP		19,343.21					No 2	47,175	5.756	271,525	5,298,535	27.392	112.317
		112,192.79					Gas	1,539,291	1.023	1,574,874	6,239,058	5.561	4.053
	660	131,536.00	3			14,037				1,846,399	11,537,593	8.771	
Higgins Peaker													
TOTAL HGP		21,327.10					Gas	380,995	1.021	389,146	1,578,654	7.402	4.144
	116	21,327.10	3			18,247				389,146	1,578,654	7.402	
Hines Energy													
TOTAL HEP		8,047,875.70					Gas	56,647,894	1.022	57,900,714	233,071,079	2.896	4.114
	2,028	8,047,875.70	68			7,195				57,900,714	233,071,079	2.896	
Intercession City Peaker													
TOTAL ICP		11,438.25					No 2	26,326	5.801	152,719	2,607,311	22.795	99.039
		323,118.44					Gas	4,221,659	1.022	4,314,141	17,082,200	5.287	4.046
	1,031	334,556.69	6			13,352				4,466,860	19,689,511	5.885	
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		4,309.38					No 2	9,744	5.817	56,681	896,111	20.794	91.965
		50,796.82					Gas	654,216	1.021	668,126	2,504,420	4.930	3.828
	169	55,106.20	6			13,153				724,806	3,400,531	6.171	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 8/1/2016

Run Date: 9/7/2016 10:06:05AM

(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		410,254.00					Gas	3,128,861	1.024	3,203,415	12,837,300	3.129	4.103
	164	410,254.00	43			7,808				3,203,415	12,837,300	3.129	
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
		231,889.60					Gas	2,290,298	1.023	2,343,675	8,098,752	3.493	3.536
	47	231,889.60	85			10,107				2,343,675	8,098,752	3.493	
TOTAL Gas Turbine:													
	5,875	13,822,909.59				7,773				107,448,064	436,454,618	3.157	
SOLAR													
Osceola Solar Facility 1													
TOTAL OSF 1	4	1,415.00				0	Solar			0	0	0.000	
TOTAL Solar:													
	4	1,415.00				0				0	0	0.000	
SYSTEM TOTAL:													
	9,213	22,599,282.59				8,949				202,237,824	795,917,131	3.522	

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 8/1/2016
Run Date: 9/7/2016 10:06:08AM

	<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)	130,427	23,666	106,761	451.1%
20 - UNIT COST (\$/BBL)	77.14	116.74	(39.61)	(33.2%)
21 - AMOUNT (\$)	10,060,591	2,762,881	7,297,710	264.1%
22 - BURNED				
23 - UNITS (BBL)	139,351	23,666	115,685	488.8%
24 - UNIT COST (\$/BBL)	109.24	116.74	(7.50)	(6.4%)
25 - AMOUNT (\$)	15,223,104	2,762,881	12,460,223	451.0%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	(482)			
28 - AMOUNT (\$)	(47,103)			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	946,555	955,960	(9,405)	(1.0%)
31 - UNIT COST (\$/BBL)	109.25	154.66	(45.41)	(29.4%)
32 - AMOUNT (\$)	103,410,061	147,848,774	(44,438,713)	(30.1%)
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 8/1/2016
Run Date: 9/7/2016 10:06:08AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	2,421,158	2,839,665	(418,507)	(14.7%)
37 - UNIT COST (\$/TON)	81.35	78.98	2.38	3.0%
38 - AMOUNT (\$)	196,962,903	224,264,528	(27,301,625)	(12.2%)
39 - BURNED				
40 - UNITS (TON)	2,789,766	2,839,665	(49,899)	(1.8%)
41 - UNIT COST (\$/TON)	81.39	78.98	2.41	3.1%
42 - AMOUNT (\$)	227,059,784	224,264,528	2,795,256	1.2%
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	596,488	965,095	(368,607)	(38.2%)
48 - UNIT COST (\$/TON)	83.99	76.27	7.72	10.1%
49 - AMOUNT (\$)	50,097,731	73,607,603	(23,509,872)	(31.9%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
OTHER				
52				
53				
54				
55				
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64				
65				

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

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 8/1/2016

Run Date: 9/7/2016 10:06:08AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	135,801,344	129,828,360	5,972,984	4.6%
68 - UNIT COST (\$/MCF)	4.08	4.32	(0.24)	(5.5%)
69 - AMOUNT (\$)	553,634,243	560,334,598	(6,700,355)	(1.2%)
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%

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

(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		12,350		12,350	3.116	3.833	384,802.00	473,352.00	88,550.00
ACTUAL									
Florida Municipal Power Agency	CR-1	400		400	3.735	5.427	14,940.00	21,706.00	6,766.00
Florida Power & Light Company	CR-1	1,800		1,800	4.270	4.921	76,863.36	88,584.96	11,721.60
Tampa Electric Company	CR-1	1,120		1,120	4.269	5.445	47,810.42	60,987.27	13,176.85
Seminole Electric Cooperative Inc.	CR-1	3,100		3,100	4.594	5.280	142,409.00	163,673.00	21,264.00
PJM Settlements	MR-1	0		0	0.000	0.000	0.00	(92.05)	(92.05)
City of Tallahassee		0				4.640	3,951.27	0.00	(3,951.27)
Subtotal - Gain on Other Power Sales		6,420		6,420	4.454	5.216	285,974.05	334,859.18	48,885.13
CURRENT MONTH TOTAL		6,420		6,420	4.454	5.216	285,974.05	334,859.18	48,885.13
DIFFERENCE		(5,930)		(5,930)	1.338	1.383	(98,827.95)	(138,492.82)	(39,664.87)
DIFFERENCE %		(48)		(48)	42.953	36.078	(25.68)	(29.26)	(44.79)
CUMULATIVE ACTUAL		48,088		48,088	2.746	3.408	1,320,447.38	1,639,079.05	318,631.67
CUMULATIVE ESTIMATED		129,575		129,575	2.744	3.370	3,555,636.00	4,366,997.00	811,361.00
DIFFERENCE		(81,487.00)		(81,487.00)	0.00	0.04	(2,235,188.62)	(2,727,917.95)	(492,729.33)
DIFFERENCE %		-62.8879028		-62.88790276	0.066407	1.135007	-62.86325766	-62.4666779	-60.7287422

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
AUGUST, 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		539,002			539,002	3.660	3.660	19,727,170.00	19,727,170.00
ACTUAL									
Osprey Energy Center	TOLL	188,716			188,716	3.383	3.383	6383423.18	6,383,423.18
Shady Hills Power Company, L.L.C.	TOLL	69,086			69,086	5.918	5.918	4088427.11	4,088,427.11
Southern Company Services, Inc.	Scherer	-			-	-	-	0.00	-
Southern Power Company	Franklin	203,248			203,248	2.880	2.880	5843496.61	5,843,496.61
Vandolah Power Company L.L.C.	TOLL	185,894			185,894	5.141	5.141	9556277.34	9,556,277.34
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
ADJUSTMENTS									
Calpine Energy Services, L.P.	TOLL	-			-	-	-	30566.00	30,566.00
Osprey Energy Center	TOLL	-			-	-	-	21899.87	21,899.87
Shady Hills Power Company, L.L.C.	TOLL	162			162	63.240	63.240	102456.81	102,456.81
Southern Company Services, Inc.	Scherer	-			-	-	-	0.00	-
Southern Power Company	Franklin	-			-	-	-	-11443.57	(11,443.57)
Vandolah Power Company L.L.C.	TOLL	6,561			6,561	2.230	2.230	146094.98	146,094.98
CURRENT MONTH TOTAL		653,667			653,667	4.002	4.002	26,161,198.33	26,161,198.33
DIFFERENCE		114,665			114,665.00	0.342	0.342	6,434,028.33	6,434,028.33
DIFFERENCE %		21.27			21.27	9.35	9.35	32.62	32.62
CUMULATIVE ACTUAL		4,549,862			4,549,862	3.713	3.713	168,930,348.84	168,930,348.84
CUMULATIVE ESTIMATED		2,786,919			2,786,919	3.717	3.717	103,592,385.00	103,592,385.00
DIFFERENCE		1,762,943.00			1,762,943.00	(0.00)	(0.00)	65,337,963.84	65,337,963.84
DIFFERENCE %		63			63	(0.114)	(0.114)	63.07	63.07

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

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPTIBLE (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		288,563	-	-	288,563	4	12.11	12,164,930.00
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	30,635 (60)			30,635 (60)	8	7.526	2,305,590.10 (4,395.08)
Citrus World (CITRUS) ADJ	CO-GEN	13 9			13 9	3	3.113	415.27 251.64
Lake County (LAKCOUNT) ADJ	CO-GEN	529 -			529 -	4	3.934	20,810.86 4,476.65
Lake Cogen Limited (LAKORDER) ADJ	CO-GEN	- -			- -	-	0	- -
Metro-Dade County (METRDADE) ADJ	CO-GEN	- -			- -	-	0	- -
Metro-Dade County (METRDDAS) ADJ	CO-GEN	12,548 -			12,548 -	4	3.55	445,454.00 99,697.77
Orange Cogen (ORANGEAS) ADJ	CO-GEN	996 -			996 -	3	3.242	32,290.32 3,381.91
Orange Cogen (ORANGECO) ADJ	CO-GEN	38,884 -			38,884 -	4	4.047	1,573,635.48 35,672.16
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	88,425 1,084			88,425 1,084	5	4.968	4,392,954.00 144,902.40
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	- -			- -	-	0	- -
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,377 -			17,377 -	3	3.146	546,680.42 31,753.18
PCS Phosphate (OCSWF CRK) ADJ	CO-GEN	0 (18)			0 (18)	4	4.216	2.53 (549.62)
PCS Phosphate (OCWHSPRS) ADJ	CO-GEN	- -			- -	-	0	- -
Perpetual Energy (PRPETUAL) ADJ	CO-GEN	- -			- -	-	0	- -
Pinellas County Resource Recovery ADJ	CO-GEN	36,465 -			36,465 -	3	3.142	1,145,730.30 61,121.71
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	40,174 -			40,174 -	3	3.316	1,332,169.84 (346,819.96)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	16,725 -			16,725 -	5	5.082	849,964.50 9,100.46
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. (AUBRDLFC) ADJ	CO-GEN	- -			- -	-	0	- -
CURRENT MONTH TOTAL		283,787			283,787	4.470	4.46965876	12,684,290.84
DIFFERENCE		(4,776)			(4,776)	0.254	-7.64034124	519,360.84
DIFFERENCE %		(2)			(2)	6.017	-181.222515	4.27
CUMULATIVE ACTUAL		2,019,708			2,019,708	4.0	4.0	81,612,550.21
CUMULATIVE ESTIMATED		2,273,760			2,273,760	4	4.26022597	96,867,314.00
CUMULATIVE DIFFERENCE		(254,052)			(254,052)	(0)	-0.21941599	(15,254,763.79)
CUMULATIVE DIFFERENCE %		(11)			(11)	(5)	-5.150337	(15.75)

(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		6,730	5.110	343,895.00	6.177	415,717.00	71,822.00
ACTUAL:							
Florida Power & Light Company	Schedule C	49	2.322	1,137.78	3.22	1,577.80	440.02
Reedy Creek Improvement District	Schedule C	25	3.001	750.15	3.399	849.85	99.70
SubTotal - Energy Purchases (Broker)		74	2.551	1,887.93	3.281	2,427.65	539.72
SEPA	Hydro	-	0.000	-	0.000	-	-
EDF Trading North America, LLC		714	5.300	37,842.00	12.618	90,091.95	52,249.95
Exelon Generation Company, LLC	InternationalSwapsDerivativesAssoc	670	4.823	32,311.00	7.515	50,351.44	18,040.44
Florida Power & Light Company		100	4	4,000.00	3.678	3,678.00	(322.00)
Florida Power & Light Company	Transmission Purchase	-	0.000	1,092.70	0.000	-	(1,092.70)
Jacksonville Electric Authority	Transmission Purchase	-	0.000	4,277.76	0.000	-	(4,277.76)
Reedy Creek Improvement District	Schedule OS	105	4.800	5,040.00	12.891	13,535.55	8,495.55
Seminole Electric Cooperative, Inc.	Transmission Purchase	-	0.000	1,060.40	0.000	-	(1,060.40)
Southern Company Services, Inc	EEI	250	5.563	13,908.00	10.280	25,699.71	11,791.71
Southern Company Services, Inc	Transmission Purchase	-	0.000	439.68	0.000	-	(439.68)
Tampa Electric Company	EEI2	795	3.848	30,595.00	5.788	46,014.45	15,419.45
Tampa Electric Company	Transmission Purchase	-	0.000	99,782.09	0.000	-	(99,782.09)
ADJUSTMENTS							
Pennsylvania-New Jersey-Maryland Int.	MR1	-	0.000	1,604.20	0.000	-	(1,604.20)
Tampa Electric Company	Transmission Purchase	-	0.000	5,362.49	0.000	-	(5,362.49)
Duke Electric Transmission (prior period adj)	Transmission Purchase	0	0.000	-\$4,683.54	0.000	-	4,683.54
Jacksonville Electric Authority		0	0.000	\$1,852.20	0.000	-	(1,852.20)
Tallahassee, FL (City of)		0	0.000	-\$3,216.00	0.000	-	3,216.00
SubTotal - Energy Purchases (Non-Broker)		2,634	8.780	231,267.98	8.708	229,371.10	(1,896.88)
CURRENT MONTH TOTAL		2,708	8.610	233,155.91	8.560	231,798.75	(1,357.16)
DIFFERENCE		(4,022)	3.500	(110,739.09)	2.383	(183,918.25)	(73,179.16)
DIFFERENCE %		(60)	68.491	(32.20)	38.575	(44.24)	(101.89)
CUMULATIVE ACTUAL		69,738	4.895	3,413,905.54	6.842	4,771,277.77	1,357,372.56
CUMULATIVE ESTIMATED		50,002	5.090	2,545,327.00	5.787	2,893,750.00	348,423.00
DIFFERENCE		19,736	(0.195)	868,578.54	1.054	1,877,527.77	1,008,949.56
DIFFERENCE %		39	(3.833)	34.12	18.220	64.88	289.58

PROGRESS ENERGY FLORIDA, INC.
 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 (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	0	0	0	0	37,050,078
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	0	0	0	0	47,388,121
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	0	0	0	0	13,322,520
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	0	0	0	0	31,713,390
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	6,261,481	0	0	0	0	52,333,945
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	0	0	0	0	4,261,883
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
Southern purchase - Franklin	Other	350	6/1/10 - 5/31/16													
	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	0	0	0	0	32,903,363
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)	(7,979)	0	0	0	0	(201,607)
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	0	0	0	0	38,098,765
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	0	0	0	0	266,301,030
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	0	0	0	0	62,523,464
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	0	0	0	0	328,824,494

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