



MATTHEW R. BERNIER
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January 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:

Enclosed for electronic filing in the subject docket on behalf of Duke Energy Florida, LLC, are the Schedules A1 through A9 and A12 for the reporting month of December 2015.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Sincerely,

/s/ Matthew R. Bernier

Matthew R. Bernier
Senior Counsel

MRB/db
Enclosures

cc: Parties of record

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

DECEMBER 2015

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
	AMOUNT		%		AMOUNT		%		AMOUNT		%	
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	87,562,430	108,082,070	(20,519,640)	(19.0)	2,609,742	2,732,958	(123,216)	(4.5)	3.3552	3.9548	(0.5996)	(15.2)
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR INVESTMENT	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(18,543)	(3,360,069)	3,341,526	(99.5)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	87,543,887	104,722,001	(17,178,114)	(16.4)	2,609,742	2,732,958	(123,216)	(4.5)	3.3545	3.8318	(0.4773)	(12.5)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	7,720,621	3,736,315	3,984,306	106.6	260,791	77,721	183,070	235.6	2.9605	4.8073	(1.8468)	(38.4)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	5,423	0	5,423	0.0	317	0	317	0.0	1.7108	0.0000	1.7108	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	96,354	644,380	(548,026)	(85.1)	3,255	14,739	(11,484)	(77.9)	2.9602	4.3719	(1.4117)	(32.3)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	10,642,495	12,643,543	(2,001,048)	(15.8)	259,740	276,983	(17,243)	(6.2)	4.0974	4.5647	(0.4673)	(10.2)
12 TOTAL COST OF PURCHASED POWER	18,464,893	17,024,238	1,440,655	8.5	524,103	369,443	154,660	41.9	3.5231	4.6081	(1.0850)	(23.6)
13 TOTAL AVAILABLE MWH					3,133,845	3,102,401	31,444	1.0				
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)	(90,419)	(136,796)	46,377	(33.9)	(4,502)	(4,380)	(122)	2.8	2.0084	3.1232	(1.1148)	(35.7)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(21,160)	(30,095)	8,935	(29.7)	(4,502)	(4,380)	(122)	2.8	0.4700	0.6871	(0.2171)	(31.6)
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	4,232	0	4,232	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	(413,873)	(1,089,118)	675,245	(62.0)	(25,621)	(28,207)	2,586	(9.2)	1.6154	3.8612	(2.2458)	(58.2)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(521,220)	(1,256,009)	734,789	(58.5)	(30,123)	(32,587)	2,464	(7.6)	1.7303	3.8543	(2.1240)	(55.1)
19 NET INADVERTENT AND WHEELED INTERCHANGE					10,908	0	10,908					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	105,487,560	120,490,230	(15,002,670)	(12.5)	3,114,630	3,069,814	44,816	1.5	3.3868	3.9250	(0.5382)	(13.7)
21 NET UNBILLED	3,548,054	4,110,607	(562,553)	(13.7)	(104,760)	(104,729)	(31)	0.0	0.1234	0.1477	(0.0243)	(16.5)
22 COMPANY USE	577,350	471,000	106,350	22.6	(17,047)	(12,000)	(5,047)	42.1	0.0201	0.0169	0.0032	18.9
23 T & D LOSSES	3,997,488	6,660,933	(2,663,445)	(40.0)	(118,030)	(169,705)	51,675	(30.5)	0.1391	0.2393	(0.1002)	(41.9)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	105,487,560	120,490,230	(15,002,670)	(12.5)	2,874,793	2,783,380	91,413	3.3	3.6694	4.3289	(0.6595)	(15.2)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(685,669)	(650,647)	(35,022)	5.4	(18,555)	(15,140)	(3,415)	22.6	3.6952	4.2975	(0.6023)	(14.0)
26 JURISDICTIONAL KWH SALES	104,801,891	119,839,583	(15,037,692)	(12.6)	2,856,237,802	2,768,240	87,998	3.2	3.6692	4.3291	(0.6599)	(15.2)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00052	104,856,388	120,016,945	(15,160,557)	(12.6)	2,856,238	2,768,240	87,998	3.2	3.6711	4.3355	(0.6644)	(15.3)
28 PRIOR PERIOD TRUE-UP	6,139,350	6,139,353	(3)	0.0	2,856,238	2,768,240	87,998	3.2	0.2149	0.2218	(0.0069)	(3.1)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,856,238	2,768,240	87,998	3.2	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,856,238	2,768,240	87,998	3.2	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	110,995,738	126,156,298	(15,160,560)	(12.0)	2,856,238	2,768,240	87,998	3.2	3.8860	4.5573	(0.6713)	(14.7)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.8888	4.5606	(0.6718)	(14.7)
32 GPIF	185,988	185,985			2,856,238	2,768,240			0.0065	0.0067	(0.0002)	(3.0)
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.895	4.567	(0.672)	(14.7)

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - DECEMBER 2015

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	1,348,576,285	1,450,550,393	(101,974,108)	(7.0)	35,018,627	35,719,602	(700,975)	(2.0)	3.8510	4.0609	(0.2099)	(5.2)
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR INVESTMENT	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,852,721	(40,353,675)	42,206,396	(104.6)	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	1,350,429,005	1,410,196,718	(59,767,713)	(4.2)	35,018,627	35,719,602	(700,975)	(2.0)	3.8563	3.9480	(0.0917)	(2.3)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	173,229,452	101,841,738	71,387,714	70.1	4,384,597	2,017,470	2,367,127	117.3	3.9509	5.0480	(1.0971)	(21.7)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	20,278	0	20,278	0.0	838	0	838	0.0	2.4198	0.0000	2.4198	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	5,358,735	16,351,874	(10,993,139)	(67.2)	82,422	356,500	(274,078)	(76.9)	6.5016	4.5868	1.9148	41.8
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)	117,723,823	145,142,688	(27,418,865)	(18.9)	2,749,552	3,087,667	(338,115)	(11.0)	4.2816	4.7007	(0.4191)	(8.9)
12 TOTAL COST OF PURCHASED POWER	296,332,288	263,336,300	32,995,988	12.5	7,217,409	5,461,637	1,755,772	32.2	4.1058	4.8216	(0.7158)	(14.9)
13 TOTAL AVAILABLE MWH					42,236,036	41,181,239	1,054,797	2.6				
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)	(5,814,591)	(4,199,152)	(1,615,439)	38.5	(193,138)	(126,300)	(66,838)	52.9	3.0106	3.3247	(0.3141)	(9.5)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(3,720,655)	(923,813)	(2,796,842)	302.8	(193,138)	(126,300)	(66,838)	52.9	1.9264	0.7314	1.1950	163.4
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	396,162	0	396,162	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	(29,549,697)	(21,800,391)	(7,749,306)	35.6	(885,489)	(550,476)	(335,013)	60.9	3.3371	3.9603	(0.6232)	(15.7)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(38,688,780)	(26,923,356)	(11,765,424)	43.7	(1,078,627)	(676,776)	(401,851)	59.4	3.5869	3.9782	(0.3913)	(9.8)
19 NET INADVERTENT AND WHEELED INTERCHANGE					236,840	0	236,840					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	1,608,072,513	1,646,609,662	(38,537,149)	(2.3)	41,394,248	40,504,463	889,785	2.2	3.8848	4.0653	(0.1805)	(4.4)
21 NET UNBILLED	2,489,751	4,642,743	(2,152,992)	(46.4)	(64,090)	(93,029)	28,939	(31.1)	0.0064	0.0122	(0.0058)	(47.5)
22 COMPANY USE	6,803,244	5,850,324	952,920	16.3	(175,126)	(144,000)	(31,126)	21.6	0.0175	0.0154	0.0021	13.6
23 T & D LOSSES	87,163,542	91,158,972	(3,995,430)	(4.4)	(2,243,723)	(2,242,422)	(1,301)	0.1	0.2240	0.2397	(0.0157)	(6.6)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,608,072,513	1,646,609,662	(38,537,149)	(2.3)	38,911,309	38,025,012	886,297	2.3	4.1327	4.3303	(0.1976)	(4.6)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(15,005,212)	(10,295,986)	(4,709,227)	45.7	(358,128)	(239,422)	(118,706)	49.6	4.1899	4.3004	(0.1105)	(2.6)
26 JURISDICTIONAL KWH SALES	1,593,067,301	1,636,313,677	(43,246,376)	(2.6)	38,553,181.659	37,785,590	767,591	2.0	4.1321	4.3305	(0.1984)	(4.6)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00052	1,594,108,572	1,638,735,421	(44,626,849)	(2.7)	38,553,182	37,785,590	767,591	2.0	4.1348	4.3369	(0.2021)	(4.7)
28 PRIOR PERIOD TRUE-UP	73,672,203	73,672,203	0	0.0	38,553,182	37,785,590	767,591	2.0	0.1911	0.1950	(0.0039)	(2.0)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	38,553,182	37,785,590	767,591	2.0	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	38,553,182	37,785,590	767,591	2.0	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	1,667,780,775	1,712,407,624	(44,626,849)	(2.6)	38,553,182	37,785,590	767,591	2.0	4.3259	4.5319	(0.2060)	(4.6)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									4.3290	4.5352	(0.2061)	(4.6)
32 GPIF	2,231,853	2,231,853			38,553,182	37,785,590			0.0058	0.0059	(0.0001)	101.7
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.335	4.541	(0.206)	(4.5)

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
DECEMBER 2015

	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	\$87,562,430	108,082,070	(\$20,519,640)	(19.0)	\$1,348,576,285	\$1,450,550,393	(\$101,974,108)	(7.0)
1a. NUCLEAR FUEL DISPOSAL COST	-	0	0	0.0	0	0	0	0.0
1b. NUCLEAR DECOMMISSIONING AND DECONTAMINATION	-	0	0	0.0	0	0	0	0.0
1c. COAL CAR INVESTMENT	-	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(90,419)	(136,796)	46,377	(33.9)	(5,814,591)	(4,199,152)	(1,615,439)	38.5
2a. GAIN ON POWER SALES	(16,928)	(30,095)	13,167	(43.8)	(3,324,492)	(923,813)	(2,400,679)	259.9
3 . FUEL COST OF PURCHASED POWER	7,720,621	3,736,315	3,984,306	106.6	173,229,452	101,841,738	71,387,714	70.1
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	10,642,495	12,643,543	(2,001,048)	(15.8)	117,723,823	145,142,688	(27,418,865)	(18.9)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	101,778	644,380	(542,602)	(84.2)	5,379,013	16,351,874	(10,972,861)	(67.1)
5 . TOTAL FUEL & NET POWER TRANSACTIONS	105,919,976	124,939,417	(19,019,441)	(15.2)	1,635,769,489	1,708,763,728	(72,994,239)	(4.3)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(413,873)	(1,089,118)	675,245	(62.0)	(29,549,697)	(21,800,391)	(7,749,306)	35.6
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(18,543)	(3,360,069)	3,341,526	(99.5)	1,852,721	(40,353,675)	42,206,396	(104.6)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$105,487,560	\$120,490,230	(\$15,002,670)	(12.5)	\$1,608,072,513	\$1,646,609,662	(\$38,537,149)	(2.3)

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}	650	0	650	10,980	0	10,980	
N/A - Not used	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0	6,981	0	6,981	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	2,182,992	0	2,182,992	
RRSSA Refund	0	(3,346,478)	3,346,478	0	(40,190,452)	40,190,452	
Interest Amortized for Fuel Refund	(15,576)	(13,591)	(1,986)	(187,418)	(163,223)	(24,195)	
Gain/Loss on Disposition of Oil	0	0	0	(125,114)	0	(125,114)	
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	(3,616)	0	(3,616)	(35,701)	0	(35,701)	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	(\$18,543)	(\$3,360,069)	\$3,341,526	\$1,852,721	(\$40,353,675)	\$42,206,396	

B. KWH SALES								
1 . JURISDICTIONAL SALES	2,856,240,057	2,768,239,922	88,000,135	3.2	38,553,183,288	37,785,590,394	767,592,894	2.0
2 . NON JURISDICTIONAL (WHOLESALE) SALES	18,555,478	15,140,000	3,415,478	22.6	358,127,542	239,422,000	118,705,542	49.6
3 . TOTAL SALES	2,874,795,535	2,783,379,922	91,415,613	3.3	38,911,310,830	38,025,012,394	886,298,436	2.3
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.35	99.46	(0.11)	(0.1)	99.08	99.37	(0.29)	(0.3)

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
DECEMBER 2015

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$125,316,286	\$125,617,437	(\$301,151)	(0.2)	\$1,763,506,241	\$1,714,637,871	\$48,868,370	2.9
2. ADJUSTMENTS:	3,333,333	0	3,333,333	0.0	40,000,000	0	40,000,000	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	0	833,333	0.0	10,000,000	0	10,000,000	0.0
2b. INCREASE IN RETAIL FUEL RATE PER RRSSA	(2,856,240)	0	(2,856,240)	0.0	(38,553,183)	0	(38,553,183)	0.0
2c. TRUE UP PROVISION	(6,139,350)	(6,139,353)	3	0.0	(73,672,203)	(73,672,203)	0	0.0
2d. INCENTIVE PROVISION	(185,988)	(185,985)	(3)	0.0	(2,231,853)	(2,231,853)	0	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	120,301,375	119,292,099	1,009,276	0.9	1,699,049,002	1,638,733,815	60,315,187	3.7
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	105,487,560	120,490,230	(15,002,670)	(12.5)	1,608,072,513	1,646,609,662	(38,537,149)	(2.3)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.35	99.46	(0.11)	(0.1)	99.08	99.37	(0.29)	(0.3)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00052 LOSS MULTIPLIER)	104,856,388	120,016,945	(15,160,557)	(12.6)	1,594,108,572	1,638,735,421	(44,626,849)	(2.7)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	15,444,986	(724,847)	16,169,833	(2,230.8)	104,940,430	(1,606)	104,942,036	(6,535,276.7)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	24,322	(135)	24,456	(18,155.7)	17,682	(30,576)	48,258	(157.8)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	94,954,422	(5,446,554)	100,400,975	(1,843.4)	(62,067,235)	(73,672,203)	11,604,968	(15.8)
10. TRUE UP COLLECTED (REFUNDED)	6,139,350	6,139,353	(3)	0.0	73,672,203	73,672,203	0	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	116,563,080	(32,182)	116,595,262	(362,298.7)	116,563,080	(32,182)	116,595,262	(362,298.7)
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$116,563,080	(32,182)	116,595,262	(362,298.7)	\$116,563,080	(32,182)	116,595,262	(362,298.7)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	\$94,954,422	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	116,538,758	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	211,493,180	N/A	--	--		NOT		
4. AVERAGE TRUE UP (50% OF LINE D3)	105,746,590	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.150	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.400	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.550	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.275	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.023	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$24,322	N/A	--	--				

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

FINAL

Report Period:

12/1/2015 to 12/1/2015

Run Date:

1/7/2016 6:30:35PM

<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	979,882	353,243	626,639	177.4%
3 - COAL	14,330,069	35,316,613	(20,986,544)	(59.4%)
4 - GAS	72,252,479	72,412,214	(159,735)	(0.2%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	87,562,430	108,082,070	(20,519,640)	(19.0%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	3,494	53	3,441	6,491.5%
11 - COAL	364,166	994,938	(630,772)	(63.4%)
12 - GAS	2,242,083	1,737,967	504,116	29.0%
13 - NUCLEAR	0	0	0	0.0%
14	0	0	0	0.0%
15	0	0	0	0.0%
16 - TOTAL (MWH)	2,609,742	2,732,958	(123,216)	(4.5%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	7,366	2,818	4,548	161.4%
19 - COAL (TON)	174,907	442,445	(267,538)	(60.5%)
20 - GAS (MCF)	17,434,113	12,948,283	4,485,830	34.6%
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	42,512	16,334	26,178	160.3%
26 - COAL	4,090,931	10,242,473	(6,151,542)	(60.1%)
27 - GAS	17,759,779	12,948,283	4,811,496	37.2%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	21,893,221	23,207,090	(1,313,869)	(5.7%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

FINAL

Report Period:
Run Date:

12/1/2015 to 12/1/2015
1/7/2016 6:30:35PM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.1	0.00	0.1	6802.7%
34 - COAL	14.0	36.41	(22.5)	(61.7%)
35 - GAS	85.9	63.59	22.3	35.1%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37	0.0	0.00	0.0	0.0%
38	0.0	0.00	0.0	0.0%
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	133.03	125.35	7.68	6.1%
42 - COAL (\$/TON)	81.93	79.82	2.11	2.6%
43 - GAS (\$/MCF)	4.14	5.59	(1.45)	(25.9%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	23.05	21.63	1.42	6.6%
49 - COAL	3.50	3.45	0.05	1.6%
50 - GAS	4.07	5.59	(1.52)	(27.3%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
54 - SYSTEM (\$/MBTU)	4.00	4.66	(0.66)	(14.1%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,169	308,189	(296,020)	(96.1%)
57 - COAL	11,234	10,295	939	9.1%
58 - GAS	7,921	7,450	471	6.3%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,389	8,492	(103)	(1.2%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

FINAL

Report Period:
Run Date:

12/1/2015 to 12/1/2015
1/7/2016 6:30:35PM

<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	28.05	666.50	(638.45)	(95.8%)
	3.94	3.55	0.39	10.9%
65 - COAL	3.22	4.17	(0.94)	(20.6%)
66 - GAS	0.00	0.00	0.00	0.0%
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</u>	<u>3.36</u>	<u>3.95</u>	<u>(0.60)</u>	<u>(15.2%)</u>

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 12/1/2015 to 12/1/2015
Run Date: 1/8/2016 8:58:31AM

(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 TYP E	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	0	0.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		220,138.00					Gas	2,396,087	1.023	2,451,197	10,894,904	4.949	4.547
	524	220,138.00	56			11,135				2,451,197	10,894,904	4.949	
TOTAL UNIT 2		54,564.00					Gas	612,447	1.023	626,533	2,784,770	5.104	4.547
	524	54,564.00	14			11,483				626,533	2,784,770	5.104	
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		46,119.00					Coal	20,269	25.644	519,778	1,789,585	3.880	88.292
		0.00					No 2	1,009	5.760	5,812	138,600	0.000	137.364
	372	46,119.00	17			11,396				525,590	1,928,185	4.181	
TOTAL UNIT 2		35,765.00					Coal	16,645	25.644	426,844	1,469,615	4.109	88.292
		0.00					No 2	1,347	5.760	7,759	185,029	0.000	137.364
	503	35,765.00	10			12,152				434,603	1,654,644	4.626	
Crystal River 4 & 5													
TOTAL UNIT 4		253,060.00					Coal	122,030	22.786	2,780,576	9,790,193	3.869	80.228
		0.00					No 2	1,145	5.771	6,608	157,273	0.000	137.356
	721	253,060.00	47			11,014				2,787,183	9,947,465	3.931	
TOTAL UNIT 5		32,371.00					Coal	15,963	22.786	363,733	1,280,676	3.956	80.228
		0.00					No 2	2,851	5.771	16,452	391,602	0.000	137.356
	721	32,371.00	6			11,745				380,185	1,672,277	5.166	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 12/1/2015 to 12/1/2015
Run Date: 1/8/2016 8:58:31AM

(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 TYP E	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	
		9,188.00					Gas	134,606	1.023	137,702	614,577	6.689	4.566
TOTAL UNIT 2	28	9,188.00	44			14,987				137,702	614,577	6.689	
		28,976.00					Gas	324,617	1.023	332,083	1,482,120	5.115	4.566
TOTAL UNIT 3	73	28,976.00	53			11,461				332,083	1,482,120	5.115	
TOTAL Steam:	3,466	680,181.00				11,284				7,675,078	30,978,944	4.555	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 12/1/2015 to 12/1/2015
Run Date: 1/8/2016 8:58:31AM

(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 TYP E	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													
		23.90					No 2	74	5.816	430	7,046	29.482	95.219
		0.00					Gas	1	0.000	0	1,316	0.000	1,315.910
TOTAL APP										430	8,362	34.988	
	70	23.90	0			18,009							
Bartow Combined Cycle													
		713,488.00					Gas	5,069,296	1.021	5,175,751	20,713,445	2.903	4.086
TOTAL BCC										5,175,751	20,713,445	2.903	
	1,185	713,488.00	81			7,254							
Bartow Peaker													
		4.55					No 2	17	5.712	97	1,822	40.036	107.151
		90.45					Gas	1,887	1.023	1,930	13,914	15.383	7.374
TOTAL BAP													
	118	95.00	0			21,342				2,028	15,735	16.564	
Bayboro Peaker													
		0.00					No 2	29	5.712	166	4,238	0.000	146.147
TOTAL BYP													
	58	0.00	0			0				166	4,238	0.000	
Debary Peaker													
		6,358.00					Gas	88,182	1.023	90,210	409,021	6.433	4.638
TOTAL DEP													
	290	6,358.00	3			14,188				90,210	409,021	6.433	
Higgins Peaker													
		35.30					Gas	810	1.023	829	9,322	26.408	11.509
TOTAL HGP													
	96	35.30	0			23,474				829	9,322	26.408	
Hines Energy													
		1,170,678.00					Gas	8,370,316	1.021	8,546,093	35,189,335	3.006	4.204
TOTAL HEP													
	2,199	1,170,678.00	72			7,300				8,546,093	35,189,335	3.006	
Intercession City Peaker													
		357.55					No 2	844	5.802	4,897	89,674	25.080	106.249
		1,719.30					Gas	23,061	1.021	23,545	121,526	7.068	5.270
TOTAL ICP													
	713	2,076.85	0			13,695				28,442	211,201	10.169	
Suwannee Peaker													
		6.93					No 2	50	5.817	291	4,598	66.307	91.968
		1,397.77					Gas	57,304	1.023	58,622	261,816	18.731	4.569
TOTAL SRP													
	200	1,404.70	1			41,940				58,913	266,414	18.966	
Tiger Bay Cogen													
		0.00					Gas	1	0.000	0	(1,667,207)	0.000	(1,667,207.230)
TOTAL TBP													
	231	0.00	0			0				0	(1,667,207)	0.000	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report 12/1/2015 to 12/1/2015
Run Date: 1/8/2016 8:58:31AM

(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 TYP E	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
		35,401.30					Gas	355,500	0.887	315,283	1,423,618	4.021	4.005
TOTAL UFP										315,283	1,423,618	4.021	
	47	35,401.30	101			8,906							
TOTAL Gas Turbine:													
	5,207	1,929,561.05				7,369				14,218,144	56,583,486	2.932	
					1,929,561.05								
SYSTEM TOTAL:													
	8,673	2,609,742.05			2,609,742.05	8,389				21,893,221	87,562,430	3.355	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2015 to 12/1/2015
Run Date: 1/8/2016 8:58:33AM

	<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)	29,267	2,818	26,449	938.6%
20 - UNIT COST (\$/BBL)	62.96	125.35	(62.39)	(49.8%)
21 - AMOUNT (\$)	1,842,636	353,243	1,489,393	421.6%
22 - BURNED				
23 - UNITS (BBL)	7,366	2,818	4,548	161.4%
24 - UNIT COST (\$/BBL)	133.03	125.35	7.68	6.1%
25 - AMOUNT (\$)	979,882	353,243	626,639	177.4%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	955,960	1,062,688	(106,728)	(10.0%)
31 - UNIT COST (\$/BBL)	113.62	125.35	(11.73)	(9.4%)
32 - AMOUNT (\$)	108,619,676	133,210,491	(24,590,815)	(18.5%)
33 -				
34 - DAYS SUPPLY	4,023	11,313	(7,290)	(64.4%)

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2015 to 12/1/2015

Run Date: 1/8/2016 8:58:33AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	232,373	442,445	(210,072)	(47.5%)
37 - UNIT COST (\$/TON)	83.09	79.82	3.27	4.1%
38 - AMOUNT (\$)	19,308,813	35,316,613	(16,007,800)	(45.3%)
39 - BURNED				
40 - UNITS (TON)	174,907	442,445	(267,538)	(60.5%)
41 - UNIT COST (\$/TON)	81.93	79.82	2.11	2.6%
42 - AMOUNT (\$)	14,330,069	35,316,613	(20,986,544)	(59.4%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	965,095	954,458	10,637	1.1%
48 - UNIT COST (\$/TON)	83.10	79.82	3.27	4.1%
49 - AMOUNT (\$)	80,194,612	76,186,269	4,008,343	5.3%
50 -				
51 - DAYS SUPPLY	171	65	106	164.3%
OTHER				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 12/1/2015 to 12/1/2015

Run Date: 1/8/2016 8:58:33AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	17,434,115	12,948,283	4,485,832	34.6%
68 - UNIT COST (\$/MCF)	4.14	5.59	(1.45)	(25.9%)
69 - AMOUNT (\$)	72,252,479	72,412,214	(159,735)	(0.2%)
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

**ATTACHMENT #1
SCHEDULE A-5
DECEMBER 2015**

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

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

COAL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015

Run Date: 1/9/2016 9:54:03AM

<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	20,687,452	4,211,953	16,475,499	391.2%
3 - COAL	379,954,861	437,953,621	(57,998,760)	(13.2%)
4 - GAS	947,933,972	1,008,384,819	(60,450,847)	(6.0%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	1,348,576,284	1,450,550,393	(101,974,109)	(7.0%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	72,848	3,125	69,723	2,231.1%
11 - COAL	9,718,456	11,858,055	(2,139,599)	(18.0%)
12 - GAS	25,227,323	23,858,422	1,368,901	5.7%
13 - NUCLEAR	0	0	0	0.0%
14	0	0	0	0.0%
15	0	0	0	0.0%
16 - TOTAL (MWH)	35,018,627	35,719,602	(700,975)	(2.0%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	162,382	33,179	129,203	389.4%
19 - COAL (TON)	4,425,252	5,325,962	(900,710)	(16.9%)
20 - GAS (MCF)	198,464,799	182,938,293	15,526,506	8.5%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	927,656	192,302	735,354	382.4%
26 - COAL	102,196,707	123,887,171	(21,690,464)	(17.5%)
27 - GAS	203,100,169	182,938,293	20,161,876	11.0%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	306,224,533	307,017,766	(793,233)	(0.3%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015

Run Date: 1/9/2016 9:54:03AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.01	0.2	2280.3%
34 - COAL	27.8	33.20	(5.4)	(16.3%)
35 - GAS	72.0	66.79	5.2	7.8%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37	0.0	0.00	0.0	0.0%
38	0.0	0.00	0.0	0.0%
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	127.40	126.95	0.45	0.4%
42 - COAL (\$/TON)	85.86	82.23	3.63	4.4%
43 - GAS (\$/MCF)	4.78	5.51	(0.74)	(13.3%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	22.30	21.90	0.40	1.8%
49 - COAL	3.72	3.54	0.18	5.2%
50 - GAS	4.67	5.51	(0.84)	(15.3%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
54 - SYSTEM (\$/MBTU)	4.40	4.72	(0.32)	(6.8%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,734	61,537	(48,803)	(79.3%)
57 - COAL	10,516	10,448	68	0.7%
58 - GAS	8,051	7,668	383	5.0%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,745	8,595	149	1.7%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015

Run Date: 1/9/2016 9:54:03AM

<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	28.40	134.78	(106.38)	(78.9%)
65 - COAL	3.91	3.69	0.22	5.9%
66 - GAS	3.76	4.23	(0.47)	(11.1%)
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM</u>	<u>3.85</u>	<u>4.06</u>	<u>(0.21)</u>	<u>(5.2%)</u>

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015
Run Date: 1/18/2016 8:38:20AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL PER UNIT PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL	0	0.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		1,671,276.00					Gas	17,666,113	1.023	18,078,377	90,629,486	5.423	5.130
	524	1,671,276.00	36		10,817					18,078,377	90,629,486	5.423	
TOTAL UNIT 2		1,266,165.00					Gas	14,029,013	1.024	14,371,793	77,023,380	6.083	5.490
	524	1,266,165.00	28		11,351					14,371,793	77,023,380	6.083	
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		703,709.30					Coal	321,233	24.052	7,726,168	32,126,499	4.565	100.010
		0.00					No 2	7,281	5.787	42,135	1,105,830	0.000	151.879
TOTAL UNIT 1	372	703,709.30	22		11,039					7,768,303	33,232,329	4.722	
		1,725,300.00					Coal	780,702	23.996	18,733,422	81,567,706	4.728	104.480
		0.00					No 2	4,678	5.782	27,047	695,967	0.000	148.774
TOTAL UNIT 2	503	1,725,300.00	39		10,874					18,760,469	82,263,673	4.768	
Crystal River 4 & 5													
TOTAL UNIT 4		4,089,065.00					Coal	1,874,676	22.776	42,696,723	150,379,732	3.678	80.216
		0.00					No 2	18,667	5.788	108,053	2,842,118	0.000	152.254
TOTAL UNIT 4	721	4,089,065.00	65		10,468					42,804,776	153,221,850	3.747	
		3,226,798.00					Coal	1,448,641	22.808	33,040,394	115,880,923	3.591	79.993
		0.00					No 2	18,473	5.788	106,925	2,798,053	0.000	151.467
TOTAL UNIT 5	721	3,226,798.00	51		10,273					33,147,320	118,678,977	3.678	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015
Run Date: 1/18/2016 8:38:20AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL PER UNIT (\$)
Steam													
Suwannee Plant													
TOTAL UNIT 1		71,536.00					Gas	962,817	1.024	985,615	4,680,360	6.543	4.861
	28	71,536.00	29			13,778				985,615	4,680,360	6.543	
TOTAL UNIT 2		129,008.00					Gas	1,824,539	1.024	1,868,204	9,423,337	7.304	5.165
	29	129,008.00	51			14,481				1,868,204	9,423,337	7.304	
TOTAL UNIT 3		284,496.00					Gas	3,323,895	1.023	3,401,903	18,162,265	6.384	5.464
	73	284,496.00	44			11,958				3,401,903	18,162,265	6.384	
TOTAL Steam:	3,466	13,167,353.30				10,722				141,186,760	587,315,656	4.460	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015
Run Date: 1/18/2016 8:38:20AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL PER UNIT PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
		1,723.22					No 2	5,080	5.816	29,547	502,758	29.175	98.968
		4,458.38					Gas	74,692	1.023	76,445	369,409	8.286	4.946
TOTAL APP										105,992	872,167	14.109	
	59	6,181.60	1										
Bartow Combined Cycle													
		7,098,619.76					Gas	52,350,064	1.023	53,574,920	237,110,446	3.340	4.529
TOTAL BCC										53,574,920	237,110,446	3.340	
	1,137	7,098,619.76	71										
Bartow Peaker													
		2,883.21					No 2	7,588	5.715	43,369	813,065	28.200	107.151
		15,499.89					Gas	227,906	1.023	233,146	1,122,759	7.244	4.926
TOTAL BAP										276,514	1,935,824	10.530	
	197	18,383.10	1										
Bayboro Peaker													
		13,350.70					No 2	31,184	5.486	171,077	4,340,368	32.510	139.186
TOTAL BYP										171,077	4,340,368	32.510	
	201	13,350.70	1										
Debary Peaker													
		11,949.76					No 2	29,193	5.784	168,850	3,345,111	27.993	114.586
		103,385.24					Gas	1,426,797	1.024	1,460,833	7,396,771	7.155	5.184
TOTAL DEP										1,629,683	10,741,882	9.314	
	688	115,335.00	2										
Higgins Peaker													
		10,863.60					Gas	195,757	1.022	200,072	921,061	8.478	4.705
TOTAL HGP										200,072	921,061	8.478	
	112	10,863.60	1										
Hines Energy													
		12,598,331.00					Gas	88,588,508	1.024	90,678,690	418,277,482	3.320	4.722
TOTAL HEP										90,678,690	418,277,482	3.320	
	2,016	12,598,331.00	71										
Intercession City Peaker													
		13,692.17					No 2	31,618	5.800	183,381	3,353,595	24.493	106.066
		283,435.54					Gas	3,706,435	1.024	3,796,090	17,121,193	6.041	4.619
TOTAL ICP										3,979,471	20,474,788	6.891	
	1,063	297,127.71	3										
Rio Pinar Peaker													
		66.00					No 2	196	5.824	1,141	22,115	33.507	112.830
TOTAL RPP										1,141	22,115	33.507	
	13	66.00	0										
Suwannee Peaker													
		2,208.78					No 2	5,738	5.818	33,384	527,710	23.891	91.968
		36,968.12					Gas	545,855	1.024	558,737	2,926,507	7.916	5.361
TOTAL SRP										592,120	3,454,218	8.817	
	175	39,176.90	3										

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015
Run Date: 1/18/2016 8:38:20AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL PER UNIT PER UNIT (\$)
Gas Turbine													
Tiger Bay Cogen													
TOTAL TBP		1,270,338.00					Gas	9,868,635	1.024	10,103,174	45,944,779	3.617	4.656
	216	1,270,338.00	67							10,103,174	45,944,779	3.617	
Turner Peaker													
TOTAL TUP		646.00					No 2	2,202	5.789	12,747	283,158	43.833	128.591
	141	646.00	0							12,747	283,158	43.833	
Univ of Florida Cogen													
TOTAL UFP		0.00					No 2	484	0.000	0	57,604	0.000	119.017
		382,854.30					Gas	3,673,773	1.010	3,712,171	16,824,738	4.395	4.580
	46	382,854.30	94							3,712,171	16,882,342	4.410	
TOTAL Gas Turbine:													
	6,063	21,851,273.67				7,553				165,037,773	761,260,629	3.484	
SYSTEM TOTAL:													
	9,529	35,018,626.97				8,745				306,224,533	1,348,576,284	3.851	

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015

Run Date: 1/9/2016 9:54:05AM

	<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)	88,242	33,179	55,063	166.0%
20 - UNIT COST (\$/BBL)	106.93	126.95	(20.01)	(15.6%)
21 - AMOUNT (\$)	9,435,942	4,211,953	5,223,989	124.0%
22 - BURNED				
23 - UNITS (BBL)	162,382	33,179	129,203	389.4%
24 - UNIT COST (\$/BBL)	127.40	126.95	0.45	0.4%
25 - AMOUNT (\$)	20,687,452	4,211,953	16,475,499	391.2%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	(72)			
28 - AMOUNT (\$)	(6,981)			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	955,960	1,062,688	(106,728)	(10.0%)
31 - UNIT COST (\$/BBL)	113.62	125.35	(11.73)	(9.4%)
32 - AMOUNT (\$)	108,619,676	133,210,491	(24,590,815)	(18.5%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015

Run Date: 1/9/2016 9:54:05AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	4,198,334	5,325,962	(1,127,628)	(21.2%)
37 - UNIT COST (\$/TON)	82.22	82.23	(0.01)	(0.0%)
38 - AMOUNT (\$)	345,194,238	437,953,621	(92,759,383)	(21.2%)
39 - BURNED				
40 - UNITS (TON)	4,425,252	5,325,962	(900,710)	(16.9%)
41 - UNIT COST (\$/TON)	85.86	82.23	3.63	4.4%
42 - AMOUNT (\$)	379,954,861	437,953,621	(57,998,760)	(13.2%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	(2,182,992)			
46 - ENDING INVENTORY				
47 - UNITS (TON)	965,095	954,458	10,637	1.1%
48 - UNIT COST (\$/TON)	83.10	79.82	3.27	4.1%
49 - AMOUNT (\$)	80,194,612	76,186,269	4,008,343	5.3%
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
OTHER				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2015 to 12/1/2015

Run Date: 1/9/2016 9:54:05AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	198,464,799	182,938,293	15,526,506	8.5%
68 - UNIT COST (\$/MCF)	4.78	5.51	(0.74)	(13.3%)
69 - AMOUNT (\$)	947,933,972	1,008,384,849	(60,450,877)	(6.0%)
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
December 2015

Last refreshed 42375.51325

(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		4,380			3.123	3.810	136,796.00	166,891.00	30,095.00
ACTUAL									
Exelon Generation Company, LLC	International	175		175	2.335	2.584	4,086.70	4,522.15	435.45
Florida Power & Light Company	CR-1	600		600	2.445	2.968	14,670.81	17,806.20	3,135.39
PJM Settlements, Inc	MR1	1,297		1,297	2.001	2.078	25,954.97	26,953.43	998.46
Reedy Creek Improvement District	CR-1	1,750		1,750	1.784	2.491	31,227.45	43,591.05	12,363.60
Reedy Creek Improvement District	Schedule C	45		45	2.093	2.792	941.85	1,256.30	314.45
The Energy Authority	EEI	40		40	1.060	1.349	423.94	539.78	115.84
The Energy Authority	Schedule OS	595		595	2.204	2.842	13,113.59	16,910.10	3,796.51
Subtotal - Gain on Other Power Sales		4,502	0	4,502	2.008	2.478	90,419.31	111,579.01	21,159.70
CURRENT MONTH TOTAL		4,502		4,502	2.01	2.48	90,419.31	111,579.01	21,159.70
DIFFERENCE		122		4,502	(1.11)	(1.33)	(46,376.69)	(55,311.99)	(8,935.30)
DIFFERENCE %		3		-	(35.69)	(34.95)	(33.90)	(33.14)	(29.69)
CUMULATIVE ACTUAL		193,138		193,138	3.01	4.94	5,814,590.94	9,535,245.72	3,720,654.78
CUMULATIVE ESTIMATED		126,300		121,920	3.32	4.06	4,199,152.00	5,122,965.00	923,813.00
DIFFERENCE		66,838		71,218	(0.31)	0.88	1,615,438.94	4,412,280.72	2,796,841.78
DIFFERENCE %		53		58	(9.45)	21.72	38.47	86.13	302.75

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
December, 2015

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PURCHASED FROM	&	TOTAL KWH PURCHASED (000)	FOR UTILITIES (000)	FOR INTERRUPTIBLE FIRM (000)	FOR (000)	FUEL COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	FUEL COST \$
	TYPE & SCHEDULE								
ESTIMATED		77721	0	0	77721	4.807342932	4.807342932	3736315	3736315
ACTUAL									
Vandolah Power Co. LLC (Northern Star)	TOLL	40,467			40467	5.79	5.79	2344797.47	2344797.47
Shady Hills Power Company, LLC	TOLL	1,720			1,720.000	5.76	5.76	99147.85	99147.85
Southern Power Company	Franklin	51,450			51,450.000	2.88	2.88	1482050.17	1482050.17
Southern Company Services, Inc	Scherer3	-			0.000	-	-	0	0
Osprey Energy Center	TOLL	124,362			124,362.000	3.41	3.41	4246875.71	4246875.71
Calpine Energy Services, L.P.	TOLL	-			0.000	-	-	0	0
ADJUSTMENTS									
Vandolah Power Co. LLC (Northern Star)	TOLL	42,560			42,560	(0.807)	(0.807)	(343,589.07)	(343,589.07)
Shady Hills Power Company, LLC	TOLL	-			-	-	-	(194,551.61)	(194,551.61)
Southern Power Company	Franklin	-			-	-	-	12,528.72	12,528.72
Southern Company Services, Inc	Scherer3	232			232	(0.032)	(0.032)	(73.39)	(73.39)
Osprey Energy Center	TOLL	-			-	-	-	43,855.28	43,855.28
Calpine Energy Services, L.P.	TOLL	-			-	-	-	29,579.57	29,579.57
CURRENT MONTH TOTAL		260,791			260,791	2.960	2.960	7,720,620.70	7,720,620.70
DIFFERENCE		183,070			183,070	(1.847)	(1.847)	3,984,305.70	3,984,305.70
DIFFERENCE %		235.55			235.55	(38.418)	(38.418)	106.64	106.64
CUMULATIVE ACTUAL		4,384,597			4,384,597.000	3.95	3.95	173229452	173229452
CUMULATIVE ESTIMATED		2,017,470			2,017,470.000	5.05	5.05	101841738	101841738
DIFFERENCE		2,367,127			2,367,127.000	(1.10)	(1.10)	71387714	71387714
DIFFERENCE %		117			117.331	(21.73)	(21.73)	70.09671614	70.09671614

DUKE ENERGY FLORIDA, LLC
SCHEDULE A8

ENERGY PAYMENT TO QUALIFYING FACILITIES
FOR THE MONTH OF:
DECEMBER, 2015

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPT (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		276,983	-	-	276,983	5	11.478	12,643,543.00
ACTUAL								
Auburndale Power Partners, L.P. (AUBRDLAS) ADJ	CO-GEN	-	-	-	-	-	0	-
SI Group Energy, LLC (SIGROUP) ADJ	CO-GEN	-	-	-	-	-	0	-
Auburndale Power Partners, L.P. (AUBSET) ADJ	CO-GEN	-	-	-	-	-	0	-
Florida Power Development (FLACRUSH) ADJ	CO-GEN	23,134	-	-	23,134	6	5.559	1,286,019.06 157.18
Citrus World (CITRUS) ADJ	CO-GEN	12	-	-	12	2	2.023	234.47 92.91
Lake County (LAKCOUNT) ADJ	CO-GEN	576	-	-	576	2	2.307	13,288.32 (434.69)
Lake Cogen Limited (LAKORDER) ADJ	CO-GEN	-	-	-	-	-	0	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	-	-	-	-	-	0	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	11,467	-	-	11,467	2	2.057	235,876.19 (3,874.17)
Orange Cogen (ORANGEAS) ADJ	CO-GEN	8,254	-	-	8,254	2	2.406	198,591.24 (30,231.16)
Ornage Cogen (ORANGECO) ADJ	CO-GEN	28,113	-	-	28,113	4	3.902	1,096,969.26 1,248.02
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	85,171	-	-	85,171	6	5.557	4,732,952.47 343,399.34
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-	-	-	-	-	0	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,051	-	-	17,051	2.212	2.212	377,168.12 (42,325.25)
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	39	-	-	39	2.055	2.055	794.67 (793.58)
PCS Phosphate (OCWHSPRS) ADJ	CO-GEN	-	-	-	-	-	0	-
Perpetual Energy (PRPETUAL) ADJ	CO-GEN	0	-	-	0	0	0	-
Pinellas County Resource Recovery ADJ	CO-GEN	31568	-	-	31568	2.082	2.082	657,245.76 (67,861.60)
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	35701	-	-	35701	2.766	2.766	987,489.66 (62,491.14)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	17576	-	-	17576	5.057	5.057	888,818.32 30,161.65
Auburndale Power Partners, L.P. (AUBEST) ADJ	CO-GEN	0	-	-	0	0	0	-
Orange Cogen (ORANCECO) ADJ	CO-GEN	0	-	-	0	0	0	-
Orange Cogen (ORNAGECO) ADJ	CO-GEN	0	-	-	0	0	0	-
Auburndale Power Partners, L.P. (AUBRDLFC) ADJ	CO-GEN	0	-	-	0	0	0	-
CURRENT MONTH TOTAL		259740.35			259740.35	4.097359132	4.09735913	10,642,495.05
DIFFERENCE		-17242.65			-17242.65	-0.467640868	-7.3806409	(2,001,047.95)
DIFFERENCE %		-6.22516544			-6.2251654	-10.24404968	-161.67888	(15.83)
CUMULATIVE ACTUAL		2749551.63			2749551.63	4.28156437	4.28156437	117,723,823.02
CUMULATIVE ESTIMATED		3087667			3087667	4.700723491	4.70072349	145,142,688.00
CUMULATIVE DIFFERENCE		-338115.37			-338115.37	-0.419159121	-0.4191591	(27,418,864.98)
CUMULATIVE DIFFERENCE %		-10.9505128			-10.950513	-8.916906561	-8.9169066	(18.89)

DUKE ENERGY FLORIDA, LLC
SCHEDULE A9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
DECEMBER, 2015

(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		14739	4.372	644,380	5.226	770,305	125,925
ACTUAL:							
Florida Municipal Power Agency	Schedule C	20	1.807	361.40	2.378	475.60	114.20
Florida Power & Light Company	Schedule C	297	1.704	5,061.80	2.686	7,975.98	2,914.18
SubTotal - Energy Purchases (Broker)		317	1.711	5,423.20	2.666	8,451.58	3,028.38
SEPA	Hydro	924	3.966	36,633.27	3.966	36,633.27	
Exelon Generation Company, LLC	InternationalSwapsDe	1,346	1.986	26,728.00	2.547	34,287.14	7,559.14
Florida Power & Light Company	Transmission Purchase			751.98			(751.98)
Florida Power & Light Company		400	1.775	7,100.00	2.334	9,336.00	2,236.00
Pennsylvania-New Jersey-Maryland Int.	MR1			53.41			(53.41)
Southern Company Services, Inc.	EEl	110	2.200	2,420.00	4.124	4,536.40	2,116.40
Southern Company Services, Inc. Transmis	Transmission Purchase			9,023.10			(9,023.10)
Tampa Electric Company	Transmission Purchase			785.12			(785.12)
Tennessee Valley Authority Transmission	Transmission Purchase			4,616.00			(4,616.00)
The Energy Authority	EEl	475	2.000	9,500.00	2.425	11,518.50	2,018.50
ADJUSTMENTS							
Pennsylvania-New Jersey-Maryland Int.	MR1	-	0.000	452.18	0.000	-	(452.18)
Tampa Electric Company	Transmission Purchase	-	0.000	(1,708.72)	0.000	-	1,708.72
SubTotal - Energy Purchases (Non-Broker)		3,255	2.960	96,354.34	2.959	96,311.31	(43.03)
CURRENT MONTH TOTAL		3,572	2.849	101,777.54	2.933	104,762.89	2,985.35
DIFFERENCE		(11,167)	(1.523)	(542,602.46)	(2.293)	(665,542.11)	(122,939.65)
DIFFERENCE %		(76)	(34.828)	(84.21)	(43.879)	(86.40)	(97.63)
CUMULATIVE ACTUAL		83,260	6.461	5,379,012.94	4.736	3,943,260.12	(1,435,752.82)
CUMULATIVE ESTIMATED		356,500	4.587	16,351,874.00	5.908	21,062,056.00	4,710,182.00
DIFFERENCE		(273,240)	1.874	(10,972,861.06)	(1.172)	(17,118,795.88)	(6,145,934.82)
DIFFERENCE %		(77)	40.851	(67.10)	(19.836)	(81.28)	(130.48)

DUKE ENERGY FLORIDA, LLC																	
SCHEDULE A12 - CAPACITY COSTS																	
FOR THE PERIOD JAN - DEC 2015																	
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	3,108,487	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	39,040,487	
7	Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	4,390,316	4,602,317	4,594,986	4,491,065	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	(4,170,709)	46,244,108
8	Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,483,270	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	18,836,540
9	Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	3,530,828	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	44,839,155
10	Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	5,999,259	6,306,018	6,306,018	6,306,018	6,306,018	6,287,309	6,306,018	6,306,018	6,306,018	6,306,018	6,306,018	6,306,018	75,346,748
11	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	661,873	698,574	715,513	729,448	741,070	754,330	717,450	677,120	665,502	655,232	623,134	622,230	8,261,478
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	1,750,402	1,787,399	1,756,170	1,757,178	1,824,402	3,375,058	1,767,776	1,767,514	1,767,518	1,765,673	1,765,484	1,765,673	22,850,249
14	Southern purchase - Franklin	Other	350	6/1/10 - 5/31/16	3,119,543	3,290,615	3,174,459	3,182,635	3,179,430	2,251,554	3,181,573	3,180,294	3,504,765	3,171,307	3,170,383	3,171,307	37,577,865
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				(44,982)	(109,006)	(31,099)	(4,143)	(42,143)	(19,211)	(10,188)	(49,327)	(24,634)	(9,153)	(30,188)	(20,424)	(394,498)
18	Levy Projected Expense				9,215,650	9,145,040	9,074,430	9,003,820	0	0	0	0	0	0	0	0	36,438,940
19	CR-3 Projected Expense				5,442,716	5,412,634	5,382,366	5,352,099	5,321,833	5,291,141	5,260,871	5,208,780	5,178,331	5,148,065	5,117,797	5,087,530	63,204,163
SUBTOTAL					38,657,362	39,733,009	39,572,261	39,417,539	30,549,476	31,159,046	30,442,366	30,309,265	30,616,365	30,256,007	30,171,494	21,361,044	392,245,234
Confidential Capacity Contracts (Aggregated):																	
Purchases/Sales (Net)		Other	MW	Contracts													
Total			1,176	5	5,733,608	5,993,540	4,722,532	4,816,761	6,141,127	11,101,238	11,112,147	11,045,506	5,973,456	4,729,353	4,826,787	6,332,347	82,528,402
TOTAL					44,390,970	45,726,549	44,294,793	44,234,300	36,690,604	42,260,284	41,554,513	41,354,770	36,589,821	34,985,360	34,998,281	27,693,391	474,773,637
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Duke Energy Florida
2016
A Schedule Acronym Listing

Acronym	Definition
RRSSA	Revised and Restated Stipulation and Settlement Agreement
T &D	Transmission and Distribution
GPIF	Generating Performance Incentive Factor
MWH	Megawatt Hour
KWH	Kilowatt Hour
CAP	Capacity
FAC	Factor
EQUIV	Equivalent
AVAIL	Availability
Adj	Adjusted/Adjustment
C/KWH	Cents per kilowatt Hour
SEPA	Southeastern Power Administration
Cogen / CO-GEN	Cogeneration
TOLL	Tolling
BBL	Barrel
MCF	Thousand Cubic Feet
MMBTU	Million British Thermal Units
BTU	British Thermal Unit

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 December 2015 have been furnished to the following individuals via e-mail on this 20th day of January, 2016.

/s/ Matthew S. Bernier

Attorney

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