

DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

DECEMBER 2016

Docket No. 170001-EI  
Witness: Menendez  
Exhibit No. (CAM-3T)  
Schedule A1-1  
Sheet 1 of 9

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	92,738,520	87,603,182	5,135,338	5.9	2,593,252	2,687,704	(94,452)	(3.5)	3.5761	3.2594	0.3167	9.7
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	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	(8,346,867)	(10,408)	(8,336,459)	80,098.0	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	84,391,653	87,592,774	(3,201,121)	(3.7)	2,593,252	2,687,704	(94,452)	(3.5)	3.2543	3.2590	(0.0047)	(0.1)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	5,168,690	5,642,790	(474,100)	(8.4)	119,928	155,410	(35,482)	(22.8)	4.3098	3.6309	0.6789	18.7
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	236,459	311,303	(74,844)	(24.0)	6,476	7,167	(691)	(9.6)	3.6513	4.3439	(0.6926)	(15.9)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	11,063,256	12,289,466	(1,226,210)	(10.0)	271,948	297,353	(25,405)	(8.5)	4.0682	4.1330	(0.0648)	(1.6)
12 TOTAL COST OF PURCHASED POWER	16,468,406	18,243,559	(1,775,154)	(9.7)	398,352	459,929	(61,578)	(13.4)	4.1341	3.9666	0.1675	4.2
13 TOTAL AVAILABLE MWH					2,991,603	3,147,633	(156,030)	(5.0)				
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)	(227,428)	(218,578)	(8,850)	4.1	(10,100)	(8,590)	(1,510)	17.6	2.2518	2.5446	(0.2928)	(11.5)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(32,437)	(50,299)	17,862	(35.5)	(10,100)	(8,590)	(1,510)	17.6	0.3212	0.5856	(0.2644)	(45.2)
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	(1,654,971)	(1,436,981)	(217,990)	15.2	(64,700)	(60,171)	(4,529)	7.5	2.5579	2.3882	0.1697	7.1
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,914,837)	(1,705,858)	(208,979)	12.3	(74,800)	(68,761)	(6,039)	8.8	2.5599	2.4809	0.0790	3.2
19 NET INADVERTENT AND WHEELED INTERCHANGE					12,790	0	12,790					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	98,945,222	104,130,475	(5,185,254)	(5.0)	2,929,593	3,078,872	(149,279)	(4.9)	3.3774	3.3821	(0.0047)	(0.1)
21 NET UNBILLED	651,139	4,263,480	(3,612,341)	(84.7)	(19,279)	(126,060)	106,781	(84.7)	0.0241	0.1530	(0.1289)	(84.3)
22 COMPANY USE	364,545	405,852	(41,307)	(10.2)	(10,794)	(12,000)	1,206	(10.1)	0.0135	0.0146	(0.0011)	(7.5)
23 T & D LOSSES	6,507,714	5,228,216	1,279,498	24.5	(192,682)	(154,585)	(38,097)	24.6	0.2404	0.1876	0.0528	28.1
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	98,945,222	104,130,475	(5,185,254)	(5.0)	2,706,839	2,786,227	(79,388)	(2.9)	3.6554	3.7373	(0.0819)	(2.2)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(702,511)	(635,196)	(67,315)	10.6	(19,178)	(17,078)	(2,100)	12.3	3.6631	3.7194	(0.0563)	(1.5)
26 JURISDICTIONAL KWH SALES	98,242,710	103,495,279	(5,252,569)	(5.1)	2,687,661	2,769,149	(81,488)	(2.9)	3.6553	3.7374	(0.0821)	(2.2)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00052	98,282,008	103,549,097	(5,267,089)	(5.1)	2,687,661	2,769,149	(81,488)	(2.9)	3.6568	3.7394	(0.0826)	(2.2)
28 PRIOR PERIOD TRUE-UP	(10,790,297)	(10,764,480)	(25,817)	0.2	2,687,661	2,769,149	(81,488)	(2.9)	(0.4015)	(0.3887)	(0.0128)	3.3
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,687,661	2,769,149	(81,488)	(2.9)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,687,661	2,769,149	(81,488)	(2.9)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	87,491,711	92,784,617	(5,292,906)	(5.7)	2,687,661	2,769,149	(81,488)	(2.9)	3.2553	3.3507	(0.0954)	(2.9)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.2576	3.3531	(0.0955)	(2.9)
32 GPIF	(717,816)	(717,821)			2,687,661	2,769,149			(0.0267)	(0.0259)	(0.0008)	3.1
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.231	3.327	(0.096)	(2.9)

\*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
YEAR TO DATE - DECEMBER 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)	1,192,400,492	1,152,054,571	40,345,921	3.5	33,756,279	34,276,249	(519,970)	(1.5)	3.5324	3.3611	0.1713	5.1
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	(8,450,370)	(10,185,596)	1,735,227	(17.0)	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	1,183,602,165	1,141,868,975	41,733,190	3.7	33,756,279	34,276,249	(519,970)	(1.5)	3.5063	3.3314	0.1749	5.3
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	221,111,191	141,610,425	79,500,766	56.1	5,837,422	3,828,691	2,008,731	52.5	3.7878	3.6987	0.0891	2.4
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	16,258	0	16,258	0.0	676	0	676	0.0	2.4051	0.0000	2.4051	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	4,724,231	4,089,987	634,244	15.5	101,066	84,024	17,042	20.3	4.6744	4.8677	(0.1933)	(4.0)
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)	127,934,626	142,909,292	(14,974,666)	(10.5)	3,058,541	3,381,986	(323,445)	(9.6)	4.1829	4.2256	(0.0427)	(1.0)
12 TOTAL COST OF PURCHASED POWER	353,786,307	288,609,704	65,176,602	22.6	8,997,704	7,294,700	1,703,004	23.4	3.9320	3.9564	(0.0244)	(0.6)
13 TOTAL AVAILABLE MWH					42,753,984	41,570,949	1,183,034	2.9				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,601,347)	(4,337,325)	1,735,978	(40.0)	(83,577)	(159,415)	75,838	(47.6)	3.1125	2.7208	0.3917	14.4
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(843,842)	(991,243)	147,401	(14.9)	(83,577)	(159,415)	75,838	(47.6)	1.0097	0.6218	0.3879	62.4
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	(33,089,865)	(21,161,845)	(11,928,020)	56.4	(1,353,951)	(873,772)	(480,179)	55.0	2.4439	2.4219	0.0220	0.9
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(36,535,054)	(26,490,413)	(10,044,641)	37.9	(1,437,528)	(1,033,187)	(404,341)	39.1	2.5415	2.5640	(0.0225)	(0.9)
19 NET INADVERTENT AND WHEELED INTERCHANGE					209,798	0	209,798					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	1,500,853,418	1,403,988,266	96,865,152	6.9	41,526,254	40,537,762	988,492	2.4	3.6142	3.4634	0.1508	4.4
21 NET UNBILLED	(9,285,310)	7,067,788	(16,353,098)	(231.4)	256,910	(187,193)	444,103	(237.2)	(0.0237)	0.0185	(0.0422)	(228.1)
22 COMPANY USE	5,607,798	4,997,224	610,574	12.2	(155,159)	(144,000)	(11,159)	7.8	0.0143	0.0131	0.0012	9.2
23 T & D LOSSES	86,904,611	71,225,391	15,679,220	22.0	(2,404,514)	(2,055,016)	(349,498)	17.0	0.2216	0.1867	0.0349	18.7
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,500,853,418	1,403,988,266	96,865,152	6.9	39,223,491	38,151,553	1,071,938	2.8	3.8264	3.6800	0.1464	4.0
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(17,141,208)	(8,279,077)	(8,862,130)	107.0	(449,531)	(223,356)	(226,175)	101.3	3.8131	3.7067	0.1064	2.9
26 JURISDICTIONAL KWH SALES	1,483,712,210	1,395,709,188	88,003,022	6.3	38,773,960	37,928,197	845,762	2.2	3.8266	3.6799	0.1467	4.0
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00052	1,484,329,867	1,396,434,957	87,894,910	6.3	38,773,960	37,928,197	845,762	2.2	3.8282	3.6818	0.1464	4.0
28 PRIOR PERIOD TRUE-UP	(116,588,898)	(116,563,077)	(25,821)	0.0	38,773,960	37,928,197	845,762	2.2	(0.3007)	(0.3073)	0.0066	(2.2)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	38,773,960	37,928,197	845,762	2.2	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	38,773,960	37,928,197	845,762	2.2	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	1,367,740,969	1,279,871,880	87,869,089	6.9	38,773,960	37,928,197	845,762	2.2	3.5275	3.3745	0.1530	4.5
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.5300	3.3769	0.1531	4.5
32 GPIF	(8,613,797)	(8,613,797)			38,773,960	37,928,197			(0.0222)	(0.0227)	0.0005	102.3
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.508	3.354	0.154	4.6

\*Line 15a. MWH Data for Infomational Purposes Only

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>A . FUEL COSTS AND NET POWER TRANSACTIONS</b>								
1 . FUEL COST OF SYSTEM NET GENERATION	\$92,738,520	87,603,182	\$5,135,338	5.9	\$1,192,400,492	1,152,054,571	\$40,345,921	3.5
1a. NUCLEAR FUEL DISPOSAL COST	0	0	-	0.0	0	0	-	0.0
1b. NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	-	0.0	0	0	-	0.0
1c. COAL CAR SALE	0	0	-	0.0	(347,958)	0	(347,958)	0.0
2 . FUEL COST OF POWER SOLD	(227,428)	(218,578)	(8,850)	4.1	(2,601,347)	(4,337,325)	1,735,978	(40.0)
2a. GAIN ON POWER SALES	(32,437)	(50,299)	17,862	(35.5)	(843,842)	(991,243)	147,401	(14.9)
3 . FUEL COST OF PURCHASED POWER	5,168,690	5,642,790	(474,100)	(8.4)	221,111,191	141,610,425	79,500,766	56.1
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	11,063,256	12,289,466	(1,226,210)	(10.0)	127,934,626	142,909,292	(14,974,666)	(10.5)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	-	0.0	0	0	-	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	236,459	311,303	(74,844)	(24.0)	4,740,489	4,089,987	650,502	15.9
5 . TOTAL FUEL & NET POWER TRANSACTIONS	108,947,060	105,577,864	3,369,195	3.2	1,542,393,652	1,435,335,707	107,057,945	7.5
<b>6 . ADJUSTMENTS TO FUEL COST:</b>								
6a. FUEL COST OF STRATIFIED SALES	(1,654,971)	(1,436,981)	(217,990)	15.2	(33,089,865)	(21,161,845)	(11,928,020)	56.4
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(8,346,867)	(10,408)	(8,336,459)	80,098.0	(8,450,370)	(10,185,596)	1,735,227	(17.0)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$98,945,222	\$104,130,475	(\$5,185,254)	(5.0)	\$1,500,853,418	\$1,403,988,266	\$96,865,152	6.9

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)	710	0	710	13,630	0	13,630	0
N/A - Not used	0	0	0	0	0	0	0
TANK BOTTOM ADJUSTMENT	(883,417)	0	(883,417)	(889,635)	0	(889,635)	0
AERIAL SURVEY ADJUSTMENT (Coal Pile)	951,639	0	951,639	951,639	0	951,639	0
RRSSA Refund	0	0	0	0	(10,060,702)	10,060,702	0
Interest Amortized for Fuel Refund	(13,605)	(10,408)	(3,197)	(250,741)	(124,894)	(125,848)	0
Gain/Loss on Disposition of Oil	0	0	0	0	0	0	0
N/A - Not used	0	0	0	0	0	0	0
NET METER SETTLEMENT	0	0	0	117,983	0	117,983	0
Hines Outage Replacement Power	(8,402,194)	0	(8,402,194)	(8,402,194)	0	(8,402,194)	0
Derivative Collateral Interest	0	0	0	8,949	0	8,949	0
N/A - Not used	0	0	0	0	0	0	0
<b>SUBTOTAL LINE 6b SHOWN ABOVE</b>	<b>(\$8,346,867)</b>	<b>(\$10,408)</b>	<b>(\$8,336,459)</b>	<b>(\$8,450,370)</b>	<b>(\$10,185,596)</b>	<b>\$1,735,227</b>	

<b>B. KWH SALES</b>								
1 . JURISDICTIONAL SALES	2,687,661,472	2,769,149,000	(81,487,528)	(2.9)	38,773,960,911	37,928,197,316	845,763,595	2.2
2 . NON JURISDICTIONAL (WHOLESALE) SALES	19,177,936	17,078,000	2,099,936	12.3	449,531,293	223,356,000	226,175,293	101.3
3 . TOTAL SALES	2,706,839,408	2,786,227,000	(79,387,592)	(2.9)	39,223,492,204	38,151,553,316	1,071,938,888	2.8
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.29	99.39	(0.10)	(0.1)	98.85	99.41	(0.56)	(0.6)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>C. TRUE UP CALCULATION</b>								
1. JURISDICTIONAL FUEL REVENUE	\$79,618,990	\$82,269,782	(\$2,650,793)	(3.2)	\$1,203,940,060	\$1,247,246,649	(\$43,306,589)	(3.5)
2. ADJUSTMENTS:	5,000,000	5,000,000	0	0.0	60,000,000	60,000,000	0	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	833,333	(0)	0.0	10,000,000	10,000,000	(0)	0.0
2b. INCREASE IN RETAIL FUEL RATE PER RRSSA	0	0	0	0.0	0	0	0	0.0
2c. TRUE UP PROVISION	10,790,297	10,764,480	25,817	0.2	116,588,898	116,563,077	25,821	0.0
2d. INCENTIVE PROVISION	717,816	717,821	(5)	0.0	8,613,797	8,613,797	0	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	96,960,436	99,585,417	(2,624,981)	(2.6)	1,399,142,755	1,442,423,523	(43,280,768)	(3.0)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	98,945,222	104,130,475	(5,185,254)	(5.0)	1,500,853,418	1,403,988,266	96,865,152	6.9
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.29	99.39	(0.10)	(0.1)	99	99	(1)	(0.6)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00052 LOSS MULTIPLIER)	98,282,008	103,549,097	(5,267,089)	(5.1)	1,484,329,867	1,396,434,957	87,894,910	6.3
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(1,321,571)	(3,963,680)	2,642,109	(66.7)	(85,187,112)	45,988,566	(131,175,678)	(285)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(39,508)	65,206	(104,714)	(160.6)	101,756	502,114	(400,358)	(80)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(72,959,798)	23,321,589	(96,281,387)	(412.8)	116,563,080	78,731,032	37,832,048	48
10. TRUE UP COLLECTED (REFUNDED)	(10,790,297)	(10,764,480)	(25,817)	0.2	(116,588,898)	(116,563,077)	(25,821)	0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(85,111,174)	8,658,635	(93,769,809)	(1,083.0)	(85,111,174)	8,658,635	(93,769,809)	(1,083)
12. OTHER:	0				-		-	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$85,111,174)	\$8,658,635	(\$93,769,809)	(1,083.0)	(\$85,111,174)	\$8,658,635	(\$93,769,809)	(1,083.0)
<b>D. INTEREST PROVISION</b>								
1. BEGINNING TRUE UP (LINE C9)	(\$72,959,798)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(85,071,666)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(158,031,464)	N/A	--	--			<b>NOT</b>	
4. AVERAGE TRUE UP (50% OF LINE D3)	(79,015,732)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.480	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.720	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	1.200	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.600	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.050	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$39,508)	N/A	--	--				

# A-3 Generating System Comparative Data Report

## Duke Energy Florida

Docket No. 170001-EI

Witness: Menendez

Exhibit No. (CAM-3T)

Schedule: A3-1

Sheet 5 of 9

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>NET GENERATION (\$)</b>				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	18,516,067	4,020,813	14,495,254	360.5%
3 - COAL	339,340,725	324,911,924	14,428,801	4.4%
4 - GAS	834,543,700	823,121,834	11,421,866	1.4%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	1,192,400,492	1,152,054,571	40,345,921	3.5%
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	76,916	1,926	74,990	3,893.6%
11 - COAL	8,851,647	9,143,645	(291,998)	(3.2%)
12 - GAS	24,822,412	25,114,198	(291,786)	(1.2%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	5,305	16,485	(11,180)	(67.8%)
15	0	0	0	0.0%
16 - TOTAL (MWH)	33,756,279	34,276,254	(519,975)	(1.5%)
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	172,049	31,611	140,438	444.3%
19 - COAL (TON)	4,181,357	4,215,668	(34,311)	(0.8%)
20 - GAS (MCF)	199,365,868	191,441,371	7,924,497	4.1%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
<b>BTUS BURNED (MILLION BTU)</b>				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	992,122	183,998	808,124	439.2%
26 - COAL	93,670,913	96,643,988	(2,973,075)	(3.1%)
27 - GAS	203,963,866	191,441,371	12,522,495	6.5%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	298,626,901	288,269,357	10,357,544	3.6%

# A-3 Generating System Comparative Data Report

## Duke Energy Florida

Docket No. 170001-EI  
 Witness: Menendez  
 Exhibit No. (CAM-3T)  
 Schedule: A3-2  
 Sheet 6 of 9

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GENERATION MIX (% MWH)</b>				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.01	0.2	3,955.1%
34 - COAL	26.2	26.68	(0.4)	(1.7%)
35 - GAS	73.5	73.27	0.3	0.3%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.02	0.05	(0.03)	(67.32%)
38	0.0	0.00	0.0	0.0%
<b>39 - TOTAL (% MWH)</b>	<b>100.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0.0%</b>
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	107.62	127.20	(19.58)	(15.4%)
42 - COAL (\$/TON)	81.16	77.07	4.08	5.3%
43 - GAS (\$/MCF)	4.19	4.30	(0.11)	(2.6%)
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%
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	18.66	21.85	(3.19)	(14.6%)
49 - COAL	3.62	3.36	0.26	7.8%
50 - GAS	4.09	4.30	(0.21)	(4.8%)
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%
<b>54 - SYSTEM (\$/MBTU)</b>	<b>3.99</b>	<b>4.72</b>	<b>(0.00)</b>	<b>(0.1%)</b>
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,899	95,534	(82,635)	(86.5%)
57 - COAL	10,582	10,570	13	0.1%
58 - GAS	8,217	7,623	594	7.9%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<b>62 - SYSTEM (BTU/KWH)</b>	<b>8,847</b>	<b>8,410</b>	<b>436</b>	<b>5.2%</b>

# A-3 Generating System Comparative Data Report

## Duke Energy Florida

Docket No. 170001-EI  
Witness: Menendez  
Exhibit No. (CAM-3T)  
Schedule: A3-3  
Sheet 7 of 9

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b><u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u></b>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	24.07	208.76	(184.69)	(88.5%)
65 - COAL	3.83	3.55	0.28	7.9%
66 - GAS	3.36	3.28	0.09	2.6%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.53</u>	<u>3.36</u>	<u>0.17</u>	<u>5.1%</u>

(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 \$
<b>ESTIMATED</b>		8,590		8,590	2.545	3.130	218,578.00	268,877.00	50,299.00
<b>ACTUAL</b>									
EDF Trading North America, LLC		38		38	2.305	3.340	875.94	1,269.28	393.34
Exelon Generation Company, LLC	InternationalSwapsDe	110		110	2.329	2.873	2,561.98	3,160.21	598.23
Morgan Stanley Capital Group Inc.	EEI	70		70	2.306	2.906	1,614.54	2,034.30	419.76
PJM Settlements, Inc	MR1	1,340		1,340	2.405	2.691	32,227.06	36,059.41	3,832.35
Reedy Creek Improvement District	CR-1	8,090		8,090	2.204	2.516	178,329.60	203,505.05	25,175.45
Tampa Electric Company	CR-1	100		100	3.402	2.732	3,401.68	2,732.42	(669.26)
The Energy Authority	Schedule OS	352		352	2.391	3.155	8,417.65	11,105.04	2,687.39
<b>Subtotal - Gain on Other Power Sales</b>		10,100	0	10,100	2.252	2.573	227,428.45	259,865.71	32,437.26
<b>CURRENT MONTH TOTAL</b>		10,100		10,100	2.252	2.573	227,428.45	259,865.71	32,437.26
<b>DIFFERENCE</b>		1,510		1,510	(0.293)	(0.557)	8,850.45	(9,011.29)	(17,861.74)
<b>DIFFERENCE %</b>		18		18	(11.522)	(17.798)	4.05	(3.35)	(35.51)
<b>CUMULATIVE ACTUAL</b>		83,577		83,577	3.113	4.122	2,601,346.81	3,445,188.89	843,842.08
<b>CUMULATIVE ESTIMATED</b>		159,415		159,415	2.721	3.343	4,337,324.00	5,328,567.00	991,243.00
<b>DIFFERENCE</b>		(75,838.00)		(75,838.00)	0.392	0.780	(1,735,977.19)	(1,883,378.11)	(147,400.92)
<b>DIFFERENCE %</b>		-47.573		-47.573	14.398	23.323	-40.024	-35.345	-14.870



Duke Energy Florida  
Schedule A12 - Capacity Costs  
For The Period Jan - Dec 2016

Docket No. 170001-EI  
Witness: Menendez  
Exhibit No. (CAM-3T)  
Schedule A12  
Sheet 9 of 9

Counterparty	Type	MW	Start Date - End Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
1 Lake County (LAKCOUNT)	QF	12.75	1/1/95 - 6/30/14	0	0	0	0	0	0	0	0	0	(822,248)	0	0	(822,248)
2 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	3,266,545	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	6,543,951	4,826,219	4,826,219	58,072,687
3 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	13,409,604	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	5,313,070	4,854,074	4,854,074	67,263,413
4 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,577,570	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,872,430	1,677,850	1,677,850	20,228,500
5 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	3,755,303	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	4,457,198	3,994,013	3,994,013	48,152,625
6 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	6,273,652	6,943,340	6,346,862	6,372,670	78,270,469
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.6	8/1/94 - 12/31/23	603,090	584,735	575,947	555,284	532,520	498,053	349,980	562,274	564,062	140,112	620,552	651,857	6,238,466
8 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	5,117	0	0	9,435,688
		350	6/1/10 - 5/31/16													
9 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	3,201,566	3,298,621	3,206,417	3,469,625	3,102,253	5,095,516	5,416,928	6,112,437	4,498,362	2,638,254	2,595,887	3,408,509	46,044,375
10 Retail Wheeling				(33,737)	(1,790)	(6,527)	(149,519)	(1,545)	0	(510)	(7,979)	(58,345)	(27,013)	(4,686)	(18,640)	(310,291)
11 CR-3 Projected Expense				4,861,279	4,833,013	4,804,746	4,776,479	4,748,212	4,719,946	4,691,679	4,663,412	4,635,145	4,606,878	4,578,612	4,550,345	56,469,745
<b>SUBTOTAL</b>				<b>39,096,466</b>	<b>32,521,204</b>	<b>32,333,896</b>	<b>32,405,930</b>	<b>32,136,457</b>	<b>32,569,984</b>	<b>32,293,312</b>	<b>32,943,780</b>	<b>31,265,031</b>	<b>31,671,090</b>	<b>29,489,381</b>	<b>30,316,897</b>	<b>389,043,429</b>

Purchases/Sales (Net)	Other	MW	Contracts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Vandolah Capacity - Northern Star		655	6/1/12-5/31/27	2,888,436	2,892,622	2,035,755	1,947,188	2,800,279	5,784,009	5,760,132	5,717,176	2,702,782	1,921,383	2,012,074	2,943,834	39,405,670
Schedule H Capacity Sales-City of Tallahassee		-1	on-going no term date	0	0	0	0	0	0	0	0	(156,866)	0	0	0	(156,866)
Shady Hills Tolling		517	4/1/07-4/30/24	1,410,667	1,671,610	1,406,700	1,366,200	1,886,760	3,855,600	3,855,600	3,855,600	1,799,280	1,355,400	1,355,400	1,954,260	25,773,077
Calpine Osprey		515	Oct 2014 to Dec 2016													
Batch 19 Projected Nuclear Fuel			2016 - 2017													
		<u>1686</u>														

**TOTAL**