



DIANNE M. TRIPLETT  
ASSOCIATE GENERAL COUNSEL

May 19, 2016

**VIA ELECTRONIC FILING**

Carlotta Stauffer, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: Docket No. 160001-EI

Dear Ms. Stauffer:

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 April 2016, along with revised A9 schedules for the reporting months of January 2016 and February 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  
Enclosures

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 April 2016, and revised A9 schedules for the months of January and February 2016 have been furnished to the following individuals via e-mail on this 19th day of May, 2016.

/s/ Dianne M. Triplett

Attorney

<p>Danijela Janjic John Villafrate Suzanne Brownless Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 <a href="mailto:sbrownle@psc.state.fl.us">sbrownle@psc.state.fl.us</a> <a href="mailto:djanjic@psc.state.fl.us">djanjic@psc.state.fl.us</a> <a href="mailto:jvillafr@psc.state.fl.us">jvillafr@psc.state.fl.us</a></p> <p>James D. Beasley J. Jeffry Wahlen Ashley M. Daniels Ausley McMullen Law Firm P.O. Box 391 Tallahassee, FL 32302 <a href="mailto:jbeasley@ausley.com">jbeasley@ausley.com</a> <a href="mailto:jwahlen@ausley.com">jwahlen@ausley.com</a> <a href="mailto:adaniels@ausley.com">adaniels@ausley.com</a></p> <p>Jeffrey A. Stone Russell A. Badders Steven R. Griffin Beggs &amp; Lane P.O. Box 12950 Pensacola, FL 32591 <a href="mailto:jas@beggslane.com">jas@beggslane.com</a> <a href="mailto:rab@beggslane.com">rab@beggslane.com</a> <a href="mailto:srg@beggslane.com">srg@beggslane.com</a></p> <p>James W. Brew Laura A. Wynn Stone Matheis Xenopoulos &amp; Brew 1025 Thomas Jefferson Street NW 8<sup>th</sup> Floor, West Tower Washington, DC 20007 <a href="mailto:jbrew@smxblaw.com">jbrew@smxblaw.com</a> <a href="mailto:law@smxblaw.com">law@smxblaw.com</a></p>	<p>Mike Cassel, Director Regulatory Affairs Florida Public Utilities Company 1750 S 14<sup>th</sup> Street, Suite 200 Fernandina Beach, FL 32034 <a href="mailto:mcassel@fpuc.com">mcassel@fpuc.com</a></p> <p>Robert L. McGee, Jr. Gulf Power Company One Energy Place Pensacola, FL 32520-0780 <a href="mailto:rlmcgee@southernco.com">rlmcgee@southernco.com</a></p> <p>Beth Keating Gunster, Yoakley &amp; Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 <a href="mailto:bkeating@gunster.com">bkeating@gunster.com</a></p> <p>Charles J. Rehwinkel / Erik Saylor J.R. Kelly Patty Christensen / Tarik Noriega Office of Public Counsel c/o The Florida Legislature 111 W. Madison Street, Room 812 Tallahassee, FL 32399-1400 <a href="mailto:rehwinkel.charles@leg.state.fl.us">rehwinkel.charles@leg.state.fl.us</a> <a href="mailto:sayler.erik@leg.state.fl.us">sayler.erik@leg.state.fl.us</a> <a href="mailto:kelly.jr@leg.state.fl.us">kelly.jr@leg.state.fl.us</a> <a href="mailto:christensen.patty@leg.state.fl.us">christensen.patty@leg.state.fl.us</a> <a href="mailto:noriega.tarik@leg.state.fl.us">noriega.tarik@leg.state.fl.us</a></p> <p>Robert Scheffel Wright John T. LaVia, III c/o Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 <a href="mailto:schef@gbwlegal.com">schef@gbwlegal.com</a> <a href="mailto:jlavia@gbwlegal.com">jlavia@gbwlegal.com</a></p>	<p>Ms. Paula K. Brown Manager, Regulatory Coordination Tampa Electric Company P.O. Box 111 Tampa, FL 33601 <a href="mailto:regdept@tecoenergy.com">regdept@tecoenergy.com</a></p> <p>John Butler Maria Moncada Florida Power &amp; Light Company 700 Universe Boulevard (LAW/JB) Juno Beach, FL 33408-0420 <a href="mailto:john.butler@fpl.com">john.butler@fpl.com</a> <a href="mailto:maria.moncada@fpl.com">maria.moncada@fpl.com</a></p> <p>Kenneth Hoffman Florida Power &amp; Light Company 215 S. Monroe Street, Suite 810 Tallahassee, FL 32301-1858 <a href="mailto:ken.hoffman@fpl.com">ken.hoffman@fpl.com</a></p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 <a href="mailto:jmoyle@moylelaw.com">jmoyle@moylelaw.com</a></p> <p>Raoul G. Cantero, III White &amp; Case, LLP Southeast Financial Center, Suite 4900 200 South Biscayne Boulevard Miami, FL 33131-2352 <a href="mailto:rcantero@whitecase.com">rcantero@whitecase.com</a></p>
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DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER

APRIL 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)	82,817,723	84,395,719	(1,577,996)	(1.9)	2,424,213	2,498,414	(74,201)	(3.0)	3.4163	3.3780	0.0383	1.1
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 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	(30,128)	(10,408)	(19,721)	189.5	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	82,787,594	84,385,311	(1,597,717)	(1.9)	2,424,213	2,498,414	(74,201)	(3.0)	3.4150	3.3776	0.0374	1.1
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	20,084,233	12,706,534	7,377,699	58.1	554,585	333,589	220,996	66.3	3.6215	3.8090	(0.1875)	(4.9)
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)	390,715	339,384	51,331	15.1	8,394	7,083	1,311	18.5	4.6547	4.7916	(0.1369)	(2.9)
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)	7,658,173	11,207,968	(3,549,795)	(31.7)	199,894	269,609	(69,715)	(25.9)	3.8311	4.1571	(0.3260)	(7.8)
12 TOTAL COST OF PURCHASED POWER	28,133,121	24,253,886	3,879,235	16.0	762,873	610,282	152,592	25.0	3.6878	3.9742	(0.2864)	(7.2)
13 TOTAL AVAILABLE MWH					3,187,086	3,108,696	78,391	2.5				
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)	(444,871)	(292,473)	(152,398)	52.1	(19,501)	(10,070)	(9,431)	93.7	2.2813	2.9044	(0.6231)	(21.5)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(159,385)	(67,304)	(92,081)	136.8	(19,501)	(10,070)	(9,431)	93.7	0.8173	0.6684	0.1489	22.3
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	(1,528,531)	(1,603,605)	75,074	(4.7)	(71,084)	(62,657)	(8,427)	13.5	2.1503	2.5593	(0.4090)	(16.0)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(2,132,787)	(1,963,382)	(169,405)	8.6	(90,585)	(72,727)	(17,858)	24.6	2.3545	2.6997	(0.3452)	(12.8)
19 NET INADVERTENT AND WHEELED INTERCHANGE					19,260	0	19,260					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	108,787,928	106,675,815	2,112,113	2.0	3,115,761	3,035,969	79,793	2.6	3.4915	3.5137	(0.0222)	(0.6)
21 NET UNBILLED	6,994,141	4,121,310	2,872,831	69.7	(200,317)	(117,292)	(83,026)	70.8	0.2511	0.1496	0.1015	67.9
22 COMPANY USE	340,864	421,648	(80,784)	(19.2)	(9,763)	(12,000)	2,237	(18.7)	0.0122	0.0153	(0.0031)	(20.3)
23 T & D LOSSES	4,208,802	5,322,040	(1,113,238)	(20.9)	(120,543)	(151,464)	30,921	(20.4)	0.1511	0.1932	(0.0421)	(21.8)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	108,787,928	106,675,815	2,112,113	2.0	2,785,139	2,755,213	29,926	1.1	3.9060	3.8718	0.0342	0.9
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(2,915,516)	(629,387)	(2,286,129)	363.2	(74,556)	(16,163)	(58,393)	361.3	3.9105	3.8940	0.0165	0.4
26 JURISDICTIONAL KWH SALES	105,872,412	106,046,428	(174,016)	(0.2)	2,710,583	2,739,050	(28,467)	(1.0)	3.9059	3.8716	0.0343	0.9
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	105,914,761	106,101,572	(186,812)	(0.2)	2,710,583	2,739,050	(28,467)	(1.0)	3.9075	3.8737	0.0338	0.9
28 PRIOR PERIOD TRUE-UP	(10,764,480)	(6,560,919)	(4,203,561)	64.1	2,710,583	2,739,050	(28,467)	(1.0)	(0.3971)	(0.2395)	(0.1576)	65.8
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,710,583	2,739,050	(28,467)	(1.0)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,710,583	2,739,050	(28,467)	(1.0)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	95,150,280	99,540,653	(4,390,373)	(4.4)	2,710,583	2,739,050	(28,467)	(1.0)	3.5104	3.6342	(0.1238)	(3.4)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.5129	3.6368	(0.1239)	(3.4)
32 GPIF	(717,816)	(717,816)			2,710,583	2,739,050			(0.0265)	(0.0262)	(0.0003)	1.2
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.486	3.611	(0.124)	(3.4)

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

DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
YEAR TO DATE - APRIL 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)	339,559,087	364,236,423	(24,677,336)	(6.8)	9,997,725	10,227,396	(229,671)	(2.3)	3.3964	3.5614	(0.1650)	(4.6)
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	(112,912)	(10,102,334)	9,989,421	(98.9)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	339,446,175	354,134,089	(14,687,914)	(4.2)	9,997,725	10,227,396	(229,671)	(2.3)	3.3952	3.4626	(0.0674)	(2.0)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	45,660,180	34,590,379	11,069,801	32.0	1,293,470	895,893	397,577	44.4	3.5301	3.8610	(0.3309)	(8.6)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	4,114	0	4,114	0.0	192	0	192	0.0	2.1429	0.0000	2.1429	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	812,464	1,237,008	(424,544)	(34.3)	20,291	24,411	(4,120)	(16.9)	4.0041	5.0674	(1.0633)	(21.0)
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)	35,105,590	48,689,628	(13,584,038)	(27.9)	958,084	1,128,402	(170,318)	(15.1)	3.6641	4.3149	(0.6508)	(15.1)
12 TOTAL COST OF PURCHASED POWER	81,582,348	84,517,015	(2,934,667)	(3.5)	2,272,037	2,048,706	223,331	10.9	3.5907	4.1254	(0.5347)	(13.0)
13 TOTAL AVAILABLE MWH					12,269,762	12,276,102	(6,340)	(0.1)				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(1,016,145)	(1,822,141)	805,996	(44.2)	(40,934)	(73,345)	32,411	(44.2)	2.4824	2.4843	(0.0019)	(0.1)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(281,750)	(412,449)	130,699	(31.7)	(40,934)	(73,345)	32,411	(44.2)	0.6883	0.5623	0.1260	22.4
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	(6,295,993)	(5,734,716)	(561,277)	9.8	(271,156)	(201,109)	(70,047)	34.8	2.3219	2.8515	(0.5296)	(18.6)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(7,593,889)	(7,969,306)	375,417	(4.7)	(312,090)	(274,454)	(37,636)	13.7	2.4332	2.9037	(0.4705)	(16.2)
19 NET INADVERTENT AND WHEELED INTERCHANGE					63,104	0	63,104					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	413,434,634	430,681,798	(17,247,164)	(4.0)	12,020,776	12,001,648	19,128	0.2	3.4393	3.5885	(0.1492)	(4.2)
21 NET UNBILLED	6,500,857	8,773,960	(2,273,103)	(25.9)	(189,015)	(248,367)	59,352	(23.9)	0.0589	0.0792	(0.0203)	(25.6)
22 COMPANY USE	1,739,662	1,722,459	17,203	1.0	(50,581)	(48,000)	(2,581)	5.4	0.0158	0.0155	0.0003	1.9
23 T & D LOSSES	25,811,927	22,467,079	3,344,848	14.9	(750,492)	(625,516)	(124,976)	20.0	0.2340	0.2028	0.0312	15.4
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	413,434,634	430,681,798	(17,247,164)	(4.0)	11,030,688	11,079,764	(49,077)	(0.4)	3.7480	3.8871	(0.1391)	(3.6)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(5,630,744)	(2,598,674)	(3,032,070)	116.7	(147,816)	(66,623)	(81,193)	121.9	3.8093	3.9006	(0.0913)	(2.3)
26 JURISDICTIONAL KWH SALES	407,803,891	428,083,124	(20,279,234)	(4.7)	10,882,872	11,013,141	(130,270)	(1.2)	3.7472	3.8870	(0.1398)	(3.6)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	407,991,184	428,305,728	(20,314,543)	(4.7)	10,882,872	11,013,141	(130,270)	(1.2)	3.7489	3.8890	(0.1401)	(3.6)
28 PRIOR PERIOD TRUE-UP	(30,447,238)	(26,243,676)	(4,203,562)	16.0	10,882,872	11,013,141	(130,270)	(1.2)	(0.2798)	(0.2383)	(0.0415)	17.4
28a MARKET PRICE TRUE-UP	0	0	0	0.0	10,882,872	11,013,141	(130,270)	(1.2)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	10,882,872	11,013,141	(130,270)	(1.2)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	377,543,946	402,062,052	(24,518,106)	(6.1)	10,882,872	11,013,141	(130,270)	(1.2)	3.4691	3.6507	(0.1816)	(5.0)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.4716	3.6533	(0.1817)	(5.0)
32 GPIF	(2,871,266)	(2,871,264)			10,882,872	11,013,141			(0.0264)	(0.0261)	(0.0003)	98.9
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.445	3.627	(0.182)	(5.0)

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

DUKE ENERGY FLORIDA  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
APRIL 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	\$82,817,723	84,395,719	(\$1,577,996)	(1.9)	\$339,559,087	\$364,236,423	(\$24,677,336)	(6.8)
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	(444,871)	(292,473)	(152,398)	52.1	(1,016,145)	(1,822,141)	805,996	(44.2)
2a. GAIN ON POWER SALES	(159,385)	(67,304)	(92,081)	136.8	(281,750)	(412,449)	130,699	(31.7)
3 . FUEL COST OF PURCHASED POWER	20,084,233	12,706,534	7,377,699	58.1	45,660,180	34,590,379	11,069,801	32.0
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	7,658,173	11,207,968	(3,549,795)	(31.7)	35,105,590	48,689,628	(13,584,038)	(27.9)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	390,715	339,384	51,331	15.1	816,578	1,237,008	(420,430)	(34.0)
5 . TOTAL FUEL & NET POWER TRANSACTIONS	110,346,587	108,289,828	2,056,759	1.9	419,843,540	446,518,848	(26,675,308)	(6.0)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,528,531)	(1,603,605)	75,074	(4.7)	(6,295,993)	(5,734,716)	(561,277)	9.8
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(30,128)	(10,408)	(19,721)	189.5	(112,912)	(10,102,334)	9,989,421	(98.9)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$108,787,928	\$106,675,815	\$2,112,113	2.0	\$413,434,634	\$430,681,798	(\$17,247,164)	(4.0)

FOOTNOTE: DETAIL OF LINE 6b ABOVE

INSPECTION & FUEL ANALYSIS REPORTS {Wholesale Portion}	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION {Wholesale Portion}	2,680	0	2,680	5,340	0	5,340	
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	(20,839)	(10,408)	(10,431)	(73,908)	(41,631)	(32,277)	
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	(11,970)	0	(11,970)	(44,344)	0	(44,344)	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	(\$30,128)	(\$10,408)	(\$19,721)	(\$112,912)	(\$10,102,334)	\$9,989,421	

B. KWH SALES								
1 . JURISDICTIONAL SALES	2,710,582,638	2,739,050,000	(28,467,362)	(1.0)	10,882,872,432	11,013,141,316	(130,268,884)	(1.2)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	74,555,886	16,163,000	58,392,886	361.3	147,815,698	66,623,000	81,192,698	121.9
3 . TOTAL SALES	2,785,138,524	2,755,213,000	29,925,524	1.1	11,030,688,130	11,079,764,316	(49,076,186)	(0.4)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	97.32	99.41	(2.09)	(2.1)	98.66	99.40	(0.74)	(0.7)

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

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
<b>C. TRUE UP CALCULATION</b>								
1. JURISDICTIONAL FUEL REVENUE	\$78,832,246	\$99,814,422	(\$20,982,176)	(21.0)	\$369,661,736	\$403,015,481	(\$33,353,745)	(8.3)
2. ADJUSTMENTS:	5,000,000	5,000,000	0	0.0	20,000,000	10,000,000	10,000,000	100.0
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	833,333	(0)	0.0	3,333,333	1,666,667	1,666,667	100.0
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	6,560,919	4,203,561	64.1	30,447,238	26,243,676	4,203,562	16.0
2d. INCENTIVE PROVISION	717,816	717,816	0	0.0	2,871,266	2,871,264	2	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	96,147,876	112,926,490	(16,778,614)	(14.9)	426,313,573	443,797,087	(17,483,514)	(3.9)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	108,787,928	106,675,815	2,112,113	2.0	413,434,634	430,681,798	(17,247,164)	(4.0)
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	97.32	99.41	(2.09)	(2.1)	98.66	99.40	(0.74)	(0.7)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.0004 LOSS MULTIPLIER)	105,914,761	106,101,572	(186,812)	(0.2)	407,991,184	428,305,728	(20,314,543)	(4.7)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(9,766,884)	6,824,918	(16,591,802)	(243.1)	18,322,389	15,491,360	2,831,029	18.3
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	37,893	43,699	(5,806)	(13.3)	162,485	98,346	64,139	65.2
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	125,094,187	67,769,364	57,324,823	84.6	116,563,080	78,731,032	37,832,048	48.1
10. TRUE UP COLLECTED (REFUNDED)	(10,764,480)	(6,560,919)	(4,203,561)	64.1	(30,447,238)	(26,243,676)	(4,203,562)	16.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	104,600,716	68,077,062	36,523,653	53.7	104,600,716	68,077,062	36,523,653	53.7
12. OTHER:	0				0		0	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	\$104,600,716	68,077,062	36,523,653	53.7	\$104,600,716	68,077,062	36,523,653	53.7
<b>D. INTEREST PROVISION</b>								
1. BEGINNING TRUE UP (LINE C9)	\$125,094,187	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	104,562,822	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	229,657,009	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	114,828,504	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.440	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.340	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.780	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.390	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.033	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	\$37,893	N/A	--	--				

# A-3 Generating System Comparative Data Report

FINAL

## Duke Energy Florida, LLC

Report Period: 4/1/2016 to 4/1/2016

Run Date: 5/4/2016 9:18:35AM

<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	906,310	360,707	545,603	151.3%
3 - COAL	25,215,560	25,146,457	69,103	0.3%
4 - GAS	56,695,852	58,888,555	(2,192,703)	(3.7%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
<b>8 - TOTAL (\$)</b>	<b>82,817,723</b>	<b>84,395,719</b>	<b>(1,577,996)</b>	<b>(1.9%)</b>
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	3,609	31	3,578	11,543.5%
11 - COAL	686,155	709,800	(23,645)	(3.3%)
12 - GAS	1,734,448	1,786,700	(52,252)	(2.9%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	0	1,883	(1,883)	(100.0%)
15	0	0	0	0.0%
<b>16 - TOTAL (MWH)</b>	<b>2,424,213</b>	<b>2,498,414</b>	<b>(74,201)</b>	<b>(3.0%)</b>
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	7,501	2,968	4,533	152.7%
19 - COAL (TON)	321,898	328,019	(6,121)	(1.9%)
20 - GAS (MCF)	14,358,141	13,906,308	451,833	3.2%
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	43,254	17,299	25,955	150.0%
26 - COAL	7,236,086	7,494,145	(258,059)	(3.4%)
27 - GAS	14,678,467	13,906,308	772,159	5.6%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
<b>31 - TOTAL (MILLION BTU)</b>	<b>21,957,807</b>	<b>21,417,752</b>	<b>540,055</b>	<b>2.5%</b>

# A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 4/1/2016 to 4/1/2016

Run Date: 5/4/2016 9:18:35AM

<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	0.1	0.00	0.1	11899.9%
34 - COAL	28.3	28.41	(0.1)	(0.4%)
35 - GAS	71.5	71.51	0.0	0.0%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.0	0.08	(0.08)	(100.0%)
38	0.0	0.00	0.0	0.0%
<hr/> 39 - TOTAL (% MWH)	<hr/> 100.0	<hr/> 100	<hr/> 0	<hr/> 0%
<b>FUEL COST PER UNIT (\$)</b>				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	120.83	121.53	(0.71)	(0.6%)
42 - COAL (\$/TON)	78.33	76.66	1.67	2.2%
43 - GAS (\$/MCF)	3.95	4.23	(0.29)	(6.8%)
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	20.95	20.85	0.10	0.5%
49 - COAL	3.48	3.36	0.13	3.9%
50 - GAS	3.86	4.23	(0.37)	(8.8%)
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%
<hr/> 54 - SYSTEM (\$/MBTU)	<hr/> 3.77	<hr/> 3.94	<hr/> (0.17)	<hr/> (4.3%)
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	11,983	558,032	(546,049)	(97.9%)
57 - COAL	10,546	10,558	(12)	(0.1%)
58 - GAS	8,463	7,783	680	8.7%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/> 62 - SYSTEM (BTU/KWH)	<hr/> 9,058	<hr/> 8,573	<hr/> 485	<hr/> 5.7%



# A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 4/1/2016 to 4/1/2016

Run Date: 5/4/2016 9:18:35AM

<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	25.11	1,163.57	(1,138.46)	(97.8%)
65 - COAL	3.67	3.54	0.13	3.7%
66 - GAS	3.27	3.30	(0.03)	(0.8%)
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>3.42</u>	<u>3.38</u>	<u>0.04</u>	<u>1.1%</u>

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report 4/1/2016 to 4/1/2016  
Run Date: 5/4/2016 9:20:32AM

(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 (\$)
<b>Nuclear</b>													
<b>Crystal River 3</b>													
TOTAL UNIT 3			0.00			0				0	0	0.000	
<b>TOTAL Nuclear:</b>	0	0.00				0				0	0	0.000	
<b>Steam</b>													
<b>Anclote</b>													
TOTAL UNIT 1		130,044.00					Gas	1,281,805	1.023	1,311,287	4,907,655	3.774	3.829
	521	130,044.00	35			10,083				1,311,287	4,907,655	3.774	
TOTAL UNIT 2		205,266.00					Gas	2,069,584	1.023	2,117,184	7,923,830	3.860	3.829
	520	205,266.00	55			10,314				2,117,184	7,923,830	3.860	
<b>Bartow</b>													
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	
<b>Crystal River 1 &amp; 2</b>													
TOTAL UNIT 1		54,376.00					Coal	29,836	24.970	745,005	2,688,906	4.945	90.123
		0.00					No 2	1,425	5.757	8,203	182,678	0.000	128.195
	330	54,376.00	23			13,852				753,208	2,871,584	5.281	
TOTAL UNIT 2		449.00					Coal	320	24.970	7,990	28,839	6.423	90.123
		0.00					No 2	12	5.760	69	1,538	0.000	128.195
	445	449.00	0			17,950				8,060	30,378	6.766	
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4		319,988.00					Coal	147,868	22.222	3,285,923	11,402,907	3.564	77.115
		0.00					No 2	1,375	5.749	7,905	176,256	0.000	128.186
	712	319,988.00	62			10,294				3,293,827	11,579,163	3.619	
TOTAL UNIT 5		313,678.00					Coal	143,874	22.222	3,197,168	11,094,908	3.537	77.115
		0.00					No 2	1,729	5.749	9,940	221,634	0.000	128.186
	710	313,678.00	61			10,224				3,207,108	11,316,542	3.608	

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report 4/1/2016 to 4/1/2016  
Run Date: 5/4/2016 9:20:32AM

(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 (\$)
<b>Steam</b>													
<b>Suwannee Plant</b>													
TOTAL UNIT 1		4,751.00					Gas	63,648	1.023	65,112	243,453	5.124	3.825
	28	4,751.00	24			13,705				65,112	243,453	5.124	
TOTAL UNIT 2		8,446.00					Gas	125,445	1.023	128,330	479,826	5.681	3.825
	29	8,446.00	40			15,194				128,330	479,826	5.681	
TOTAL UNIT 3		29,200.00					Gas	326,094	1.023	333,594	1,247,308	4.272	3.825
	71	29,200.00	57			11,424				333,594	1,247,308	4.272	
<b>TOTAL Steam:</b>	3,366	1,066,198.00				10,521				11,217,710	40,599,739	3.808	

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report 4/1/2016 to 4/1/2016  
Run Date: 5/4/2016 9:20:32AM

(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 (\$)
<b>Gas Turbine</b>													
<b>Avon Park Peaker</b>													
		23.59					No 2	71	5.816	413	6,733	28.543	94.835
TOTAL APP		318.31					Gas	5,447	1.023	5,572	20,854	6.552	3.829
	50	341.90	1			17,506				5,985	27,588	8.069	
<b>Bartow Combined Cycle</b>													
TOTAL BCC		306,456.00					Gas	2,718,205	1.022	2,778,006	11,011,378	3.593	4.051
	1,105	306,456.00	39			9,065				2,778,006	11,011,378	3.593	
<b>Bartow Peaker</b>													
TOTAL BAP		4,926.00					Gas	75,990	1.023	77,738	291,016	5.908	3.830
	89	4,926.00	8			15,781				77,738	291,016	5.908	
<b>Bayboro Peaker</b>													
TOTAL BYP		(0.30)					No 2	33	5.712	188	4,883	(1,627.707)	147.973
	130	(0.30)	0			(628,320)				188	4,883	(1,627.707)	
<b>Debary Peaker</b>													
TOTAL DEP		458.06					No 2	1,105	5.771	6,377	126,532	27.623	114.509
		14,552.94					Gas	198,030	1.023	202,585	758,385	5.211	3.830
	483	15,011.00	4			13,921				208,961	884,917	5.895	
<b>Higgins Peaker</b>													
TOTAL HGP		2,448.50					Gas	43,066	1.023	44,057	164,932	6.736	3.830
	114	2,448.50	3			17,993				44,057	164,932	6.736	
<b>Hines Energy</b>													
TOTAL HEP		984,157.00					Gas	6,925,185	1.022	7,077,539	27,767,362	2.821	4.010
	1,912	984,157.00	71			7,191				7,077,539	27,767,362	2.821	
<b>Intercession City Peaker</b>													
TOTAL ICP		758.28					No 2	1,751	5.802	10,159	186,056	24.537	106.257
		20,420.41					Gas	267,682	1.022	273,571	1,085,426	5.315	4.055
	772	21,178.69	4			13,397				283,730	1,271,482	6.004	
<b>Suwannee Peaker</b>													
TOTAL SRP		3,164.80					Gas	42,755	1.023	43,738	163,256	5.159	3.818
	104	3,164.80	4			13,820				43,738	163,256	5.159	
<b>Univ of Florida Cogen</b>													
TOTAL UFP		0.00					No 2	0	0.000	0	0	0.000	0.000
		20,331.20					Gas	215,205	1.023	220,155	631,169	3.104	2.933
	46	20,331.20	61			10,828				220,155	631,169	3.104	

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report 4/1/2016 to 4/1/2016  
Run Date: 5/4/2016 9:20:32AM

(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 (\$)
<b>TOTAL Gas Turbine:</b>	4,805	1,358,014.79				7,909			10,740,097	42,217,984		3.109	
<b>SYSTEM TOTAL:</b>	8,171	2,424,212.79				9,058			21,957,807	82,817,723		3.416	

# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 4/1/2016 to 4/1/2016  
Run Date: 5/4/2016 9:21:18AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	27,678	2,968	24,710	832.5%
20 - UNIT COST (\$/BBL)	69.73	121.53	(51.80)	(42.6%)
21 - AMOUNT (\$)	1,930,068	360,707	1,569,361	435.1%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	7,501	2,968	4,533	152.7%
24 - UNIT COST (\$/BBL)	120.83	121.53	(0.71)	(0.6%)
25 - AMOUNT (\$)	906,310	360,707	545,603	151.3%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	950,476	955,960	(5,484)	(0.6%)
31 - UNIT COST (\$/BBL)	112.46	121.53	(9.07)	(7.5%)
32 - AMOUNT (\$)	106,888,629	116,177,819	(9,289,190)	(8.0%)
33 -				
34 - DAYS SUPPLY	3,801	9,663	(5,861)	(60.7%)

# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 4/1/2016 to 4/1/2016

Run Date: 5/4/2016 9:21:18AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	260,133	328,019	(67,886)	(20.7%)
37 - UNIT COST (\$/TON)	72.94	76.66	(3.73)	(4.9%)
38 - AMOUNT (\$)	18,973,048	25,146,457	(6,173,409)	(24.5%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	321,898	328,019	(6,121)	(1.9%)
41 - UNIT COST (\$/TON)	78.33	76.66	1.67	2.2%
42 - AMOUNT (\$)	25,215,560	25,146,457	69,103	0.3%
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	817,794	965,095	(147,301)	(15.3%)
48 - UNIT COST (\$/TON)	81.04	76.66	4.38	5.7%
49 - AMOUNT (\$)	66,276,461	73,984,183	(7,707,722)	(10.4%)
50 -				
51 - DAYS SUPPLY	76	88	(12)	(13.7%)
<b>OTHER</b>				
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: 4/1/2016 to 4/1/2016

Run Date: 5/4/2016 9:21:18AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GAS</b>				
<b>66 - BURNED</b>				
67 - UNITS (MCF)	14,358,141	13,906,308	451,833	3.2%
68 - UNIT COST (\$/MCF)	3.95	4.23	(0.29)	(6.8%)
69 - AMOUNT (\$)	56,695,852	58,888,555	(2,192,703)	(3.7%)
<b>NUCLEAR</b>				
<b>70 - BURNED</b>				
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  
APRIL 2016**

<b>HEAVY OIL</b>		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

<b>LIGHT OIL</b>		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

<b>COAL</b>		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$ -	TOTAL

# A-3 Generating System Comparative Data Report

## Duke Energy Florida, LLC

Report Period: 1/1/2016 to 4/1/2016

Run Date: 5/5/2016 12:48:28PM

<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	4,189,753	1,349,890	2,839,863	210.4%
3 - COAL	83,004,187	104,072,983	(21,068,796)	(20.2%)
4 - GAS	252,365,147	258,813,550	(6,448,403)	(2.5%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
<b>8 - TOTAL (\$)</b>	<b>339,559,087</b>	<b>364,236,423</b>	<b>(24,677,336)</b>	<b>(6.8%)</b>
<b>SYSTEM NET GENERATION (MWH)</b>				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	15,532	771	14,761	1,914.5%
11 - COAL	2,136,871	2,825,763	(688,892)	(24.4%)
12 - GAS	7,845,322	7,397,106	448,216	6.1%
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	0	3,758	(3,758)	(100.0%)
15	0	0	0	0.0%
<b>16 - TOTAL (MWH)</b>	<b>9,997,725</b>	<b>10,227,398</b>	<b>(229,673)</b>	<b>(2.2%)</b>
<b>UNITS OF FUEL BURNED</b>				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	32,981	12,732	20,249	159.0%
19 - COAL (TON)	1,037,451	1,285,798	(248,347)	(19.3%)
20 - GAS (MCF)	61,108,797	55,823,066	5,285,731	9.5%
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	190,166	74,014	116,152	156.9%
26 - COAL	23,410,531	29,614,767	(6,204,236)	(20.9%)
27 - GAS	62,518,093	55,823,066	6,695,027	12.0%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
<b>31 - TOTAL (MILLION BTU)</b>	<b>86,118,790</b>	<b>85,511,847</b>	<b>606,943</b>	<b>0.7%</b>

# A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 4/1/2016

Run Date: 5/5/2016 12:48:28PM

<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	0.1	1960.7%
34 - COAL	21.4	27.63	(6.3)	(22.6%)
35 - GAS	78.5	72.33	6.1	8.5%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.0	0.00	(0.0)	(100.0%)
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)	127.04	106.02	21.01	19.8%
42 - COAL (\$/TON)	80.01	80.94	(0.93)	(1.2%)
43 - GAS (\$/MCF)	4.13	4.64	(0.51)	(10.9%)
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%
<b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b>				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	22.03	18.24	3.79	20.8%
49 - COAL	3.55	3.51	0.03	0.9%
50 - GAS	4.04	4.64	(0.60)	(12.9%)
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>3.94</b>	<b>4.26</b>	<b>(0.32)</b>	<b>(7.4%)</b>
<b>BTU BURNED PER KWH (BTU/KWH)</b>				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,244	95,997	(83,754)	(87.2%)
57 - COAL	10,956	10,480	475	4.5%
58 - GAS	7,969	7,547	422	5.6%
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>8,614</b>	<b>8,361</b>	<b>253</b>	<b>3.0%</b>

# A-3 Generating System Comparative Data Report

## Duke Energy Florida, LLC

Report Period: 1/1/2016 to 4/1/2016

Run Date: 5/5/2016 12:48:28PM

<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	26.98	175.08	(148.11)	(84.6%)
65 - COAL	3.88	3.68	0.20	5.5%
66 - GAS	3.22	3.50	(0.28)	(8.1%)
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%
<hr/> 70 - SYSTEM	<hr/> 3.40	<hr/> 3.56	<hr/> (0.17)	<hr/> (4.6%)

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report 1/1/2016 to 4/1/2016  
Run Date: 5/5/2016 12:49:25PM

(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 (\$)
<b>Nuclear</b>													
<b>Crystal River 3</b>													
TOTAL UNIT 3			0.00			0				0	0	0.000	
<b>TOTAL Nuclear:</b>	0	0.00				0				0	0	0.000	
<b>Steam</b>													
<b>Anclote</b>													
TOTAL UNIT 1		495,414.00					Gas	4,965,304	1.025	5,089,054	20,417,355	4.121	4.112
	524	495,414.00	33			10,272				5,089,054	20,417,355	4.121	
TOTAL UNIT 2		527,051.00					Gas	5,502,388	1.025	5,637,491	22,704,317	4.308	4.126
	524	527,051.00	35			10,696				5,637,491	22,704,317	4.308	
<b>Bartow</b>													
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	
<b>Crystal River 1 &amp; 2</b>													
TOTAL UNIT 1		89,782.00					Coal	47,706	24.145	1,151,869	4,288,128	4.776	89.887
		0.00					No 2	4,357	5.762	25,105	579,322	0.000	132.964
TOTAL UNIT 1	372	89,782.00	8			13,109				1,176,975	4,867,450	5.421	
		135,975.00					Coal	71,378	22.778	1,625,839	6,350,735	4.671	88.973
TOTAL UNIT 2		0.00					No 2	2,885	5.767	16,638	391,722	0.000	135.779
TOTAL UNIT 2	503	135,975.00	9			12,079				1,642,477	6,742,457	4.959	
<b>Crystal River 4 &amp; 5</b>													
TOTAL UNIT 4		841,195.00					Coal	406,594	22.496	9,146,745	32,011,820	3.806	78.732
		0.00					No 2	6,595	5.757	37,970	877,326	0.000	133.029
TOTAL UNIT 4	721	841,195.00	40			10,919				9,184,715	32,889,146	3.910	
		1,080,735.00					Coal	511,773	22.444	11,486,078	40,353,505	3.734	78.850
TOTAL UNIT 5		0.00					No 2	7,957	5.757	45,810	1,058,494	0.000	133.027
TOTAL UNIT 5	721	1,080,735.00	52			10,670				11,531,887	41,411,999	3.832	

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report 1/1/2016 to 4/1/2016  
Run Date: 5/5/2016 12:49:25PM

(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 (\$)
<b>Steam</b>													
<b>Suwannee Plant</b>													
TOTAL UNIT 1		34,223.00					Gas	471,154	1.025	482,995	2,002,333	5.851	4.250
	28	34,223.00	42			14,113				482,995	2,002,333	5.851	
TOTAL UNIT 2		15,473.00					Gas	232,562	1.024	238,125	986,957	6.379	4.244
	29	15,473.00	18			15,390				238,125	986,957	6.379	
TOTAL UNIT 3		113,494.00					Gas	1,333,492	1.025	1,366,522	5,710,610	5.032	4.282
	73	113,494.00	54			12,040				1,366,522	5,710,610	5.032	
<b>TOTAL Steam:</b>	3,366	3,333,342.00				10,905				36,350,241	137,732,622	4.132	

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report 1/1/2016 to 4/1/2016  
Run Date: 5/5/2016 12:49:25PM

(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 (\$)
<b>Gas Turbine</b>													
<b>Avon Park Peaker</b>													
		45.87					No 2	139	5.816	808	13,182	28.737	94.835
		831.43					Gas	14,301	1.025	14,654	58,109	6.989	4.063
TOTAL APP										15,462	71,291	8.126	
	65	877.30	0			17,625							
<b>Bartow Combined Cycle</b>													
		2,079,591.00					Gas	15,388,969	1.022	15,728,677	63,018,518	3.030	4.095
TOTAL BCC										15,728,677	63,018,518	3.030	
	1,165	2,079,591.00	61			7,563							
<b>Bartow Peaker</b>													
		79.59					No 2	204	5.712	1,165	21,859	27.465	107.151
		10,778.41					Gas	154,058	1.024	157,806	623,161	5.782	4.045
TOTAL BAP										158,971	645,019	5.940	
	164	10,858.00	2			14,641							
<b>Bayboro Peaker</b>													
		657.10					No 2	1,647	5.712	9,408	243,730	37.092	147.984
TOTAL BYP										9,408	243,730	37.092	
	205	657.10	0			14,317							
<b>Debary Peaker</b>													
		1,050.72					No 2	2,532	5.773	14,617	289,936	27.594	114.509
		30,119.28					Gas	409,047	1.024	419,004	1,648,965	5.475	4.031
TOTAL DEP										433,621	1,938,901	6.220	
	535	31,170.00	2			13,911							
<b>Higgins Peaker</b>													
		6,076.00					Gas	105,113	1.024	107,681	441,503	7.266	4.200
TOTAL HGP										107,681	441,503	7.266	
	117	6,076.00	2			17,722							
<b>Hines Energy</b>													
		4,343,856.00					Gas	30,466,962	1.023	31,161,567	127,129,763	2.927	4.173
TOTAL HEP										31,161,567	127,129,763	2.927	
	2,127	4,343,856.00	70			7,174							
<b>Intercession City Peaker</b>													
		2,776.02					No 2	6,333	5.798	36,718	672,689	24.232	106.220
		57,668.49					Gas	746,507	1.022	762,764	2,996,093	5.195	4.013
TOTAL ICP										799,481	3,668,781	6.070	
	1,047	60,444.51	2			13,227							
<b>Rio Pinar Peaker</b>													
		0.00					No 2	11	5.823	64	1,241	0.000	112.830
TOTAL RPP										64	1,241	0.000	
	15	0.00	0			0							
<b>Suwannee Peaker</b>													
		18.29					No 2	35	5.817	204	3,219	17.596	91.968
		11,912.51					Gas	129,362	1.025	132,581	364,989	3.064	2.821
TOTAL SRP										132,785	368,208	3.086	
	193	11,930.80	2			11,130							

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report 1/1/2016 to 4/1/2016  
Run Date: 5/5/2016 12:49:25PM

(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 (\$)
<b>Gas Turbine</b>													
<b>Tiger Bay Cogen</b>													
TOTAL TBP		0.00					Gas	0	0.000	0	(10,811)	0.000	0.000
	0	1.00	0			0				0	(10,811)	(1,081.065)	
<b>Turner Peaker</b>													
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	
<b>Univ of Florida Cogen</b>													
TOTAL UFP		0.00					No 2	0	0.000	0	0	0.000	0.000
		118,820.90					Gas	1,189,578	1.025	1,219,173	4,273,286	3.596	3.592
	48	118,820.90	86			10,261				1,219,173	4,273,286	3.596	
<b>TOTAL Gas Turbine:</b>													
	5,758	6,664,383.61				7,468				49,768,549	201,826,465	3.028	
<b>SYSTEM TOTAL:</b>													
	9,124	9,997,725.61				8,614				86,118,790	339,559,087	3.396	



# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 4/1/2016  
Run Date: 5/5/2016 12:50:06PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>HEAVY OIL</b>				
<b>1 - PURCHASES</b>				
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%
<b>5 - BURNED</b>				
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%
<b>9 - ADJUSTMENTS</b>				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
<b>12 - ENDING INVENTORY</b>				
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%
<b>LIGHT OIL</b>				
<b>18 - PURCHASES</b>				
19 - UNITS (BBL)	27,498	12,732	14,766	116.0%
20 - UNIT COST (\$/BBL)	89.41	106.02	(16.61)	(15.7%)
21 - AMOUNT (\$)	2,458,706	1,349,890	1,108,816	82.1%
<b>22 - BURNED</b>				
23 - UNITS (BBL)	32,981	12,732	20,249	159.0%
24 - UNIT COST (\$/BBL)	127.04	106.02	21.01	19.8%
25 - AMOUNT (\$)	4,189,753	1,349,890	2,839,863	210.4%
<b>26 - ADJUSTMENTS</b>				
27 - UNITS (BBL)	0			
28 - AMOUNT (\$)	0			
<b>29 - ENDING INVENTORY</b>				
30 - UNITS (BBL)	950,476	955,960	(5,484)	(0.6%)
31 - UNIT COST (\$/BBL)	112.46	121.53	(9.07)	(7.5%)
32 - AMOUNT (\$)	106,888,629	116,177,819	(9,289,190)	(8.0%)
33 -				
34 - DAYS SUPPLY	0	0	0	0.0%

# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 4/1/2016

Run Date: 5/5/2016 12:50:06PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>COAL</b>				
<b>35 - PURCHASES</b>				
36 - UNITS (TON)	890,149	1,285,798	(395,649)	(30.8%)
37 - UNIT COST (\$/TON)	77.61	80.94	(3.33)	(4.1%)
38 - AMOUNT (\$)	69,086,036	104,072,983	(34,986,947)	(33.6%)
<b>39 - BURNED</b>				
40 - UNITS (TON)	1,037,451	1,285,798	(248,347)	(19.3%)
41 - UNIT COST (\$/TON)	80.01	80.94	(0.93)	(1.2%)
42 - AMOUNT (\$)	83,004,187	104,072,983	(21,068,796)	(20.2%)
<b>43 - ADJUSTMENTS</b>				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
<b>46 - ENDING INVENTORY</b>				
47 - UNITS (TON)	817,794	965,095	(147,301)	(15.3%)
48 - UNIT COST (\$/TON)	81.04	76.66	4.38	5.7%
49 - AMOUNT (\$)	66,276,461	73,984,183	(7,707,722)	(10.4%)
50 -				
51 - DAYS SUPPLY	0	0	0	0.0%
<b>OTHER</b>				
52				
53				
54				
55				
56				
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61				
62				
63				
64				
65				

# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 4/1/2016

Run Date: 5/5/2016 12:50:06PM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<b>GAS</b>				
<b>66 - BURNED</b>				
67 - UNITS (MCF)	61,108,797	55,823,066	5,285,731	9.5%
68 - UNIT COST (\$/MCF)	4.13	4.64	(0.51)	(10.9%)
69 - AMOUNT (\$)	252,365,147	258,813,550	(6,448,403)	(2.5%)
<b>NUCLEAR</b>				
<b>70 - BURNED</b>				
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  
April 2016

Last refreshed 5/18/16 4:22 PM

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
<b>ESTIMATED</b>		10,070		10,070	2.904	3.573	292,472.00	359,776.00	67,304.00
<b>ACTUAL</b>									
Florida Municipal Power Agency	CR-1	1,800		1,800.00	2.82	4.571	50,684.50	82,279.00	31,594.50
New Smyrna Beach	CR-1	4		4.00	2.00	2.935	79.84	117.40	37.56
PJM Settlements, Inc	MR1	17,625		17,625.00	2.23	2.947	392,640.55	519,423.34	126,782.79
Reedy Creek Improvement District	CR-1	50		50.00	2.06	3.735	1,030.50	1,867.50	837.00
Reedy Creek Improvement District	Schedule C	22		22.00	1.98	2.588	435.80	569.28	133.48
<b>Subtotal - Gain on Other Power Sales</b>		19,501	-	19,501	2.281	3.099	444,871.19	604,256.52	159,385.33
CURRENT MONTH TOTAL		19,501		19,501	2.281	3.099	444,871.19	604,256.52	159,385.33
DIFFERENCE		9,431		9,431	(0.623)	(0.474)	152,399.19	244,480.52	92,081.33
DIFFERENCE %		93.65		93.65	(21.44)	(13.28)	52.11	67.95	136.81
CUMULATIVE ACTUAL		40,934		40,934	2.482	3.171	1,016,145.12	1,297,895.60	281,750.48
CUMULATIVE ESTIMATED		73,345		73,345	2.484	3.047	1,822,140.00	2,234,589.00	412,449.00
DIFFERENCE		(32,411)		(32,411)	-0.002	0.124	(805,994.88)	(936,693.40)	(130,698.52)
DIFFERENCE %		(44.19)		(44.19)	(0.08)	4.07	(44.23)	(41.92)	(31.69)

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
APRIL, 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		333,589			333,589	3.809	3.809	12,706,534.00	12,706,534.00
ACTUAL									
Osprey Energy Center	TOLL	39,747			39,747	3.464	3.464	1,376,955.59	1,376,955.59
Shady Hills Power Company, L.L.C.	TOLL	95,800			95,800	4.679	4.679	4,482,531.61	4,482,531.61
Southern Company Services, Inc.	Scherer	3,081			3,081	3.535	3.535	108,909.99	108,909.99
Southern Power Company	Franklin	158,163			158,163	2.213	2.213	3,499,746.77	3,499,746.77
Vandolah Power Company L.L.C.	TOLL	248,077			248,077	4.299	4.299	10,665,333.41	10,665,333.41
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
ADJUSTMENTS									
Calpine Energy Services, L.P.	TOLL	-			-	-	-	27,608.00	27,608.00
Osprey Energy Center	TOLL	360			360	(7.035)	(7.035)	(25,326.61)	(25,326.61)
Shady Hills Power Company, L.L.C.	TOLL	3,220			3,220	0.432	0.432	13,900.38	13,900.38
Southern Company Services, Inc.	Scherer	-			-	-	-	-	-
Southern Power Company	Franklin	-			-	-	-	(85,902.40)	(85,902.40)
Vandolah Power Company L.L.C.	TOLL	6,137			6,137	0.334	0.334	20,476.54	20,476.54
CURRENT MONTH TOTAL		554,585			554,585	3.621	3.621	20,084,233.28	20,084,233.28
DIFFERENCE		220,996			220,996	(0.188)	(0.188)	7,377,699.28	7,377,699.28
DIFFERENCE %		66.25			66.25	(4.92)	(4.92)	58.06	58.06
CUMULATIVE ACTUAL		1,293,470			1,293,470	3.530	3.53	45,660,179.62	45,660,179.62
CUMULATIVE ESTIMATED		895,893			895,893	3.861	3.861	34,590,379.00	34,590,379.00
DIFFERENCE		397,577			397,577	(0.331)	(0.331)	11,069,800.62	11,069,800.62
DIFFERENCE %		44.38			44.38	(8.571)	(8.571)	32.00	32.00

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A8

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

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPT (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		269,609	-	-	269,609	4	12.607	11,207,968.00
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	27,183	-	-	27,183	6	5.642	1,533,664.86 149.72
Citrus World (CITRUS) ADJ	CO-GEN	5 (12)	-	-	5 (12)	2	1.55	77.35 (202.01)
Lake County (LAKCOUNT) ADJ	CO-GEN	633	-	-	633	2	1.968	12,457.44 543.06
Lake Cogen Limited (LAKORDER) ADJ	CO-GEN	-	-	-	-	-	0	-
Metro-Dade County (METRDADE) ADJ	CO-GEN	-	-	-	-	-	0	-
Metro-Dade County (METRDDAS) ADJ	CO-GEN	12,092	-	-	12,092	2	1.982	239,663.44 13,514.24
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,179	-	-	1,179	2	1.891	22,294.89 (2,376.20)
Ornage Cogen (ORANGECO) ADJ	CO-GEN	37,491	-	-	37,491	4	3.803	1,425,782.73 2,293.90
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	69,183	-	-	69,183	5	4.768	3,298,645.44 26,201.68
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-	-	-	-	-	0	-
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,230	-	-	17,230	2	2.012	346,667.60 13,351.39
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	15 14	-	-	15 14	2	1.774	259.18 254.89
PCS Phosphate (OCWHSPRS) ADJ	CO-GEN	-	-	-	-	-	0	-
Perpetual Energy (PRPETUAL) ADJ	CO-GEN	-	-	-	-	-	0	-
Pinellas County Resource Recovery ADJ	CO-GEN	31,012	-	-	31,012	2	1.94	601,632.80 6,841.24
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	3,869	-	-	3,869	2	2.373	91,811.37 (48,293.28)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	-	-	-	-	5	4.922	- 72,937.30
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		199,894			199,894	3.831	3.83110992	7,658,173.03
DIFFERENCE		(69,715)			(69,715)	(0.326)	-8.7758901	(3,549,794.97)
DIFFERENCE %		(25.86)			(25.86)	(7.840)	-211.111	(31.67)
CUMULATIVE ACTUAL		958,084			958,084	3.7	3.664	35,105,590.01
CUMULATIVE ESTIMATED		1,128,401			1,128,401	4	4.315	48,689,627.00
CUMULATIVE DIFFERENCE		(170,317)			(170,317)	(1)	-0.651	(13,584,036.99)
CUMULATIVE DIFFERENCE %		(15.09)			(15.09)	(15)	-15.082	(27.90)

DUKE ENERGY FLORIDA, LLC  
SCHEDULE A9

ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
FOR THE MONTH OF:  
APRIL, 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
ESTIMATED		7083	4.792	339384	5.72	405166	65782
<b>ACTUAL:</b>							
SEPA	Hydro	338	3.531	11,934.77	0	11,934.77	-
Duke Electric Transmission	Transmission Purchase	-	0.000	-	0.000	-	-
Exelon Generation Company, LLC	InternationalSwapsDe	223	1.637	\$3,650.00	2.002	\$4,465.40	\$815.40
Florida Power & Light Company	Transmission Purchase	-	0.000	\$126.99	0.000	\$0.00	-\$126.99
Florida Power & Light Company		4,215	3.365	\$141,831.00	4.261	\$179,587.27	\$37,756.27
Morgan Stanley Capital Group Inc.	EEl	540	3.800	\$20,520.00	9.379	\$50,646.60	\$30,126.60
Orlando Utilities Commission	Schedule OS	30	2.400	\$720.00	2.652	\$795.60	\$75.60
Southern Company Services, Inc.	EEl	564	4.200	\$23,688.00	3.273	\$18,459.72	-\$5,228.28
Southern Company Services, Inc. Transmission	Transmission Purchase	-	0.000	\$99,461.61	0.000	\$0.00	-\$99,461.61
Tallahassee, FL (City of)	Transmission Purchase	-	0.000	\$5,333.20	0.000	\$0.00	-\$5,333.20
Tampa Electric Company	EEl2	25	2.800	\$700.00	3.742	\$935.50	\$235.50
Tampa Electric Company	Transmission Purchase	-	0.000	-\$1,307.97	0.000	\$0.00	\$1,307.97
Tennessee Valley Authority Transmission	Transmission Purchase	-	0.000	\$221.19	0.000	\$0.00	-\$221.19
The Energy Authority	EEl	2,317	3.372	\$78,123.00	4.431	\$102,670.65	\$24,547.65
<b>ADJUSTMENTS</b>							
Florida Municipal Power Agency		142	0.000	2,843.33	0.000	-	(2,843.33)
Southern Company Services, Inc	Transmission Purchase	-	0.000	(0.14)	0.000	-	0.14
Tampa Electric Company	Transmission Purchase	-	0.000	423.91	0.000	-	(423.91)
PJM Settlements	MR1			2,445.83			(2,445.83)
SubTotal - Energy Purchases (Non-Broker)		8,394	4.655	390,714.72	4.402	369,495.51	(21,219.21)
CURRENT MONTH TOTAL		8,394	4.655	390,714.72	4.402	369,495.51	(21,219.21)
DIFFERENCE		1,311	(0.137)	51,330.72	(1.318)	(35,670.49)	(87,001.21)
DIFFERENCE %		18.51	(2.865)	15.12	(23.044)	(8.80)	(132.26)
CUMULATIVE ACTUAL		20,483	3.987	816,578.43	4.385	898,198.70	81,620.27
CUMULATIVE ESTIMATED		24,411	5.067	1,237,008.00	5.439	1,327,764.00	90,756.00
DIFFERENCE		(3,928)	(1.081)	(420,429.57)	(1.054)	(429,565.30)	(9,135.73)
DIFFERENCE %		(16.09)	(21.328)	(33.99)	(19.380)	(32.35)	(10.07)

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

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD	
1	Auburndale Power Partners, L.P. (AUBRDLFC)	QF	17.00	1/1/95 - 12/31/13	0	0	0	0	0	0	0	0	0	0	0	0	
2	Auburndale Power Partners, L.P. (AUBSET)	QF	114.18	8/1/94 - 12/31/13	0	0	0	0	0	0	0	0	0	0	0	0	
3	Lake County (LAKCOUNT)	QF	12.75	1/1/95 - 6/30/14	0	0	0	0	0	0	0	0	0	0	0	0	
4	Lake Cogen Limited (LAKORDER)	QF	110.00	7/1/93 - 7/31/13	0	0	0	0	0	0	0	0	0	0	0	0	
5	Metro-Dade County (METRDADE)	QF	43.00	11/1/91 - 11/30/13	0	0	0	0	0	0	0	0	0	0	0	0	
6	Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	3,266,545	4,826,219	4,826,219	4,826,219	0	0	0	0	0	0	0	17,745,202	
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	0	0	0	0	0	0	0	27,971,825	
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	0	0	0	0	0	0	0	6,611,120	
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	0	0	0	0	0	0	0	15,737,340	
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	0	0	0	0	0	0	0	26,189,241	
11	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	603,090	584,735	575,947	555,284	0	0	0	0	0	0	0	2,319,056	
12	UPS Purchase (414 total mw) - Southern	Other	414	7/19/88 - 5/31/10	0	0	0	0	0	0	0	0	0	0	0	0	
13	Southern purchase - Scherer	Other	74	6/1/10 - 5/31/16	2,149,228	1,826,729	1,773,417	1,774,164	0	0	0	0	0	0	0	7,523,539	
14	Southern purchase - Franklin	Other	350	6/1/10 - 5/31/16	3,201,566	3,298,621	3,206,417	3,469,625	0	0	0	0	0	0	0	13,176,229	
15	TECO Power Purchase (70 mw)	Other	70	3/30/93 - 2/28/11	0	0	0	0	0	0	0	0	0	0	0	0	
16	Other: NEIL insurance proceeds				0	0	0	0	0	0	0	0	0	0	0	0	
17	Retail Wheeling				(33,737)	(1,790)	(6,527)	(149,519)	0	0	0	0	0	0	0	(191,573)	
18	Levy Projected Expense				0	0	0	0	0	0	0	0	0	0	0	0	
19	CR-3 Projected Expense				4,861,279	4,833,013	4,804,746	4,776,479	4,748,212	4,719,946	4,691,679	4,663,412	4,635,145	4,606,878	4,578,612	4,550,345	
SUBTOTAL					39,096,466	32,521,204	32,333,896	32,405,930	4,748,212	4,719,946	4,691,679	4,663,412	4,635,145	4,606,878	4,578,612	4,550,345	173,551,726
<b>Confidential Capacity Contracts (Aggregated):</b>																	
<b>Purchases/Sales (Net)</b>		Other	<b>MW</b>	<b>Contracts</b>													
Total			1,176	4	5,972,745	6,237,873	5,116,096	4,987,029	229,991	229,991	229,991	229,991	229,991	229,991	171,933	24,095,614	
<b>TOTAL</b>					45,069,211	38,759,077	37,449,992	37,392,959	4,978,203	4,949,937	4,921,670	4,893,403	4,865,137	4,836,869	4,808,603	4,722,278	197,647,340



ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
FOR THE MONTH OF:  
JANUARY, 2016  
REVISED

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUN' FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
<b>ESTIMATED</b>		4,828	5.896	284,678.00	5.488	264,947.00	(19,731.00)
<b>ACTUAL:</b>							
Tampa Electric Company	Schedule C	50	\$2.542	\$1,271.00	\$2.406	\$1,203.09	-\$67.91
Orlando Utilities Commission	Schedule C	142	\$2.002	\$2,843.33	\$2.119	\$3,009.60	\$166.27
SubTotal - Energy Purchases (Broker)		192	2.143	4,114.33	2.194	4,212.69	98.36
SEPA	Hydro	61	3.977	2,426.00	0.000	2,426.00	-
Florida Power & Light Company	(blank)	600	\$2.817	\$16,900.00	\$2.374	\$14,241.00	-\$2,659.00
Tampa Electric Company	EEI2	1100	\$2.600	\$28,600.00	\$2.289	\$25,179.00	-\$3,421.00
Southern Company Services, Inc.	EEI	500	\$2.640	\$13,200.00	\$3.388	\$16,940.00	\$3,740.00
Exelon Generation Company, LLC	InternationalSwapsDe	1300	\$2.569	\$33,400.00	\$3.536	\$45,968.00	\$12,568.00
The Energy Authority	EEI	149	\$2.000	\$2,980.00	\$2.077	\$3,094.73	\$114.73
<b>Southern Company Services, Inc. Transmission</b>	Transmission Purchase	-	0.000	85,769.82	0.000	-	(85,769.82)
<b>Tampa Electric Company</b>	Transmission Purchase	-	0.000	26,331.52	0.000	-	(26,331.52)
<b>Tennessee Valley Authority Transmission</b>	Transmission Purchase	-	0.000	1,575.00	0.000	-	(1,575.00)
<b>Seminole Electric Cooperative, Inc.</b>	Transmission Purchase	-	0.000	56.10	0.000	-	(56.10)
<b>Duke Electric Transmission</b>	Transmission Purchase	-	0.000	-	0.000	-	-
<b>ADJUSTMENTS</b>							
Pennsylvania-New Jersey-Maryland Int.		-	0.000	661.63	0.000	-	(661.63)
SubTotal - Energy Purchases (Non-Broker)		3,710	5.712	211,900.07	2.907	107,848.73	(104,051.34)
CURRENT MONTH TOTAL		3,902	5.536	216,014.40	2.872	112,061.42	(103,952.98)
DIFFERENCE		(926)	(0.360)	(68,663.60)	(2.616)	(152,885.58)	(84,221.98)
DIFFERENCE %		(19.18)	(6.106)	(24.12)	(47.670)	(57.70)	426.85
CUMULATIVE ACTUAL		3,902	5.536	216,014.40	2.872	112,061.42	(103,952.98)
CUMULATIVE ESTIMATED		4,828	5.896	284,678.00	5.488	264,947.00	(19,731.00)
DIFFERENCE		(926)	(0.360)	(68,663.60)	(2.616)	(152,885.58)	(84,221.98)
DIFFERENCE %		(19.18)	(6.112)	(24.12)	(47.667)	(57.70)	426.85

ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
FOR THE MONTH OF:  
FEBRUARY, 2016  
REVISED

(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		4,237	5.92	250,788.00	5.243	222,167.00	(28,621.00)
SubTotal - Energy Purchases (Broker)		-	-	-	-	-	-
<b>ACTUAL:</b>							
SEPA	Hydro	-	-	-	-	-	-
Seminole Electric Cooperative, Inc.	Transmission Purchase			111.10			(111.10)
Tampa Electric Company	EEI2	150	2.75	4,125.00	2.218	3,327.00	(798.00)
Tampa Electric Company	Transmission Purchase	-	-	12,260.53	-	-	(12,260.53)
The Energy Authority	EEI	130	1.06	1,375.00	2.173	2,824.45	1,449.45
<b>ADJUSTMENTS</b>							
PJM		-	-	193.62	-	-	(193.62)
Tampa Electric Company	Transmission Purchase	-	-	(221.87)	-	-	221.87
Southern Company Transmission		-	-	(73,600.43)	-	-	73,600.43
SubTotal - Energy Purchases (Non-Broker)		280	(19.91)	(55,757.05)	2.197	6,151.45	61,908.50
CURRENT MONTH TOTAL		280	(19.913)	(55,757.05)	2.197	6,151.45	61,908.50
DIFFERENCE		(3,957)	(25.832)	(306,545.05)	(3.046)	(216,015.55)	90,529.50
DIFFERENCE %		(93.39)	(436.429)	(122.23)	(58.098)	(97.23)	(316.30)
CUMULATIVE ACTUAL		4,182	3.832	160,257.35	2.769	115,786.87	(44,470.48)
CUMULATIVE ESTIMATED		9,065	5.907	535,466.00	5.374	487,114.00	(48,352.00)
DIFFERENCE		(4,883)	(2.075)	(375,208.65)	(2.605)	(371,327.13)	3,881.52
DIFFERENCE %		(53.87)	(35.126)	(70.07)	(48.476)	(76.23)	(8.03)

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