

DUKE ENERGY KENTUCKY, INC  
GAS COST ADJUSTMENT CLAUSE

QUARTERLY REPORT

GAS COST RECOVERY RATES EFFECTIVE FROM August 30, 2016 THROUGH September 28, 2016

DESCRIPTION	UNIT	AMOUNT
EXPECTED GAS COST (EGC)	\$/MCF	4.065
SUPPLIER REFUND ADJUSTMENT (RA)	\$/MCF	0.000
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.388
BALANCE ADJUSTMENT (BA)	\$/MCF	0.078
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA +BA	\$/MCF	4.531

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	4.065

SUPPLIER REFUND ADJUSTMENT CALCULATION

DESCRIPTION	UNIT	AMOUNT
CURRENT QUARTER SUPPLIER REFUND ADJ.	\$/MCF	0.000
PREVIOUS QUARTER REPORTED SUPPLIER REFUND ADJ.	\$/MCF	0.000
SECOND PREVIOUS QUARTER REPORTED SUPPLIER REFUND ADJ.	\$/MCF	0.000
THIRD PREVIOUS QUARTER REPORTED SUPPLIER REFUND ADJ.	\$/MCF	0.000
SUPPLIER REFUND ADJUSTMENT (RA)	\$/MCF	0.000

ACTUAL ADJUSTMENT CALCULATION

DESCRIPTION	UNIT	AMOUNT
CURRENT QUARTER ACTUAL ADJUSTMENT	\$/MCF	(0.055)
PREVIOUS QUARTER REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.201
SECOND PREVIOUS QUARTER REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.202
THIRD PREVIOUS QUARTER REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.040
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.388

BALANCE ADJUSTMENT CALCULATION

DESCRIPTION	UNIT	AMOUNT
CURRENT QUARTER BALANCE ADJUSTMENT	\$/MCF	(0.006)
PREVIOUS QUARTER REPORTED BALANCE ADJUSTMENT	\$/MCF	0.056
SECOND PREVIOUS QUARTER REPORTED BALANCE ADJUSTMENT	\$/MCF	0.000
THIRD PREVIOUS QUARTER REPORTED BALANCE ADJUSTMENT	\$/MCF	0.028
BALANCE ADJUSTMENT (BA)	\$/MCF	0.078

THIS QUARTERLY REPORT FILED PURSUANT TO ORDER NO. 8373 OF THE KENTUCKY PUBLIC SERVICE COMMISSION DATED APRIL 16, 1982.

DATE FILED: August 9, 2016

BY: DON WATHEN

TITLE: DIRECTOR,  
Rates & Regulatory Strategy - OH/KY

**GAS COST ADJUSTMENT  
DUKE ENERGY KENTUCKY  
EXPECTED GAS COST RATE CALCULATION (EGC)**

**"SUMMARY" FOR THE EGC RATE IN EFFECT AS OF August 30, 2016**

		\$
<b><u>DEMAND (FIXED) COSTS:</u></b>		
Columbia Gas Transmission Corp.		3,147,310
Columbia Gulf Transmission Corp.		1,223,775
KO Transmission Company		307,584
Texas Gas Transmission		684,090
Gas Marketers		108,239
TOTAL DEMAND COST:		5,470,998
PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:	9,875,306	MCF
DEMAND (FIXED) COMPONENT OF EGC RATE:	\$5,470,998 /	9,875,306 MCF <b>\$0.554 /MCF</b>
<b><u>COMMODITY COSTS:</u></b>		
Gas Marketers		\$3.428 /MCF
Gas Storage		
Columbia Gas Transmission		\$0.000 /MCF
Propane		\$0.000 /MCF
COMMODITY COMPONENT OF EGC RATE:		<b>\$3.428 /MCF</b>
Other Costs:		
Net Charge Off <sup>(1)</sup>	\$17,952 /	215,337 <b>\$0.083 /MCF</b>
TOTAL EXPECTED GAS COST:		<b>\$4.065 /MCF</b>

<sup>(1)</sup> Net Charge Off amount from Case No. 2009-00202 WPD-2.15a.

**GAS COST ADJUSTMENT  
DUKE ENERGY KENTUCKY**

DETAILS FOR THE EGC RATE IN EFFECT AS OF : August 30, 2016

	RATE (\$ DTH)	CONTRACT VOLUME (DTH)	NUMBER OF DAYS/MTHS	EXPECTED GAS COST (\$)
INTERSTATE PIPELINE : <b>COLUMBIA GAS TRANSMISSION, LLC</b>				
TARIFF RATE EFFECTIVE DATE : FSS: 2/1/2015				
SST: 2/1/2016				
<u>BILLING DEMAND - TARIFF RATE - FSS</u>				
Max. Daily Withdrawl Quan.	1.5010	39,656	12	714,284
Seasonal Contract Quantity	0.0288	1,365,276	12	471,839
<u>BILLING DEMAND - TARIFF RATE - SST</u>				
Maximum Daily Quantity	5.4950	19,828	6	653,729
Maximum Daily Quantity	5.4950	39,656	6	1,307,458
CAPACITY RELEASE CREDIT				0
<b>TOTAL COLUMBIA GAS TRANSMISSION, LLC - DEMAND CHARGES</b>				<b>3,147,310</b>

INTERSTATE PIPELINE : **COLUMBIA GULF TRANSMISSION CORP.**  
TARIFF RATE EFFECTIVE DATE : FTS-1: 10/1/2013

<u>BILLING DEMAND - TARIFF RATE - FTS-1</u>				
Maximum Daily Quantity	3.3300	21,000	5	349,650
Maximum Daily Quantity	3.3300	13,500	7	314,685
Maximum Daily Quantity	3.3300	12,000	5	199,800
Maximum Daily Quantity	3.3300	9,000	12	359,640
CAPACITY RELEASE CREDIT FOR FTS-1				0
<b>TOTAL COLUMBIA GULF TRANSMISSION CORP. DEMAND CHARGES</b>				<b>1,223,775</b>

Currently Effective Rates  
 Applicable to Rate Schedule FSS  
 Rate Per Dth

	Base Tariff Rate	Transportation Cost		Electric Power		Annual Charge Adjustment	Total Effective Rate	Daily Rate
		Rate Adjustment	Surcharge	Costs Adjustment	Surcharge			
Rate Schedule FSS								
Reservation Charge 3/	\$ 1.501	-	-	-	-	-	1.501	0.0493
Capacity 3/	¢ 2.88	-	-	-	-	-	2.88	2.88
Injection	¢ 1.53	-	-	-	-	-	1.53	1.53
Withdrawal	¢ 1.53	-	-	-	-	-	1.53	1.53
Overrun 3/	¢ 10.87	-	-	-	-	-	10.87	10.87

1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.

2/ ACA assessed where applicable pursuant to Section 154.402 of the Commission's Regulations.

3/ Shippers utilizing the Eastern Market Expansion (EME) facilities for FSS service will pay a total FSS MDSQ reservation charge of \$4.130 and a total FSS SCQ capacity rate of 6.80 cents. If EME customers incur an overrun for FSS services that is provided under their EME Project service agreements, they will pay a total FSS overrun rate of 23.44 cents. The additional EME demand charges and EME overrun charges can be added to the applicable surcharges above to develop the EME Total Effective Rate.

Currently Effective Rates  
 Applicable to Rate Schedule SST  
 Rate Per Dth

*4,451 + 1.044 = 5,495*

	Base Tariff Rate 1/2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule SST							
Reservation Charge 3/4/	\$ 4.601	0.232	0.070	0.073	1.044	<u>6.020</u>	0.1979
Commodity	<i>.0102 + (.0007)</i>	<i>+ .0084</i>		<i>+ 0 = .0179</i>			
Maximum	¢ 1.02	-0.07	0.84	0.00	0.00	1.79	1.79
Minimum	¢ 1.02	-0.07	0.84	0.00	0.00	1.79	1.79
Overrun 4/							
Maximum	¢ 16.15	0.69	1.07	0.24	3.43	21.58	21.58
Minimum	¢ 1.02	-0.07	0.84	0.00	0.00	1.79	1.79

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation charge of \$17.625. If EME customers incur an overrun for SST services that is provided under their EME Project service agreements, they will pay a total overrun rate of 58.97 cents. The applicable EME demand charge and EME overrun charge can be added to the applicable surcharges above to calculate the EME Total Effective Rates.

*.0179 withdrawl rate*  
*+ .0014 aca*  


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*.0193 injection rate*



1700 MacCorkle Avenue SE  
Charleston, WV 25314  
Phone: 304-357-2514  
Fax: 304-357-2654  
jsydnor@nisource.com

June 10, 2013

Mr. Jeff Kern  
Duke Energy Kentucky, Inc.  
139 East Fourth Street  
Cincinnati, OH 45202

RE: SST Service Agreement No. 79977  
Discount Letter Amendment

Dear Mr. Kern:

This letter will serve as an amendment to the SST Service Agreement No. 79977 between Columbia Gas Transmission, LLC (Transporter) and Duke Energy Kentucky, Inc. (Shipper). Transporter and Shipper hereby agree that Section 3 of the above-referenced service agreement is amended to provide the following:

1. The rate for service, for the period from 7/01/2013 to 3/31/2020, will include a discounted demand rate, inclusive of demand surcharges, of \$4.451 for deliveries to the primary delivery point 834696 (KOT DEK MLI); for deliveries to the secondary delivery point STOR (RP Storage Point TCO); and for any receipts into Columbia's pipeline system.
2. Except to the extent Federal Energy Regulatory Commission ("FERC") policies, rules and/or regulations, and/or Transporter's FERC Gas Tariff provide otherwise, for service under the above-referenced Service Agreement to secondary delivery points other than STOR, in lieu of the rate set forth above, Transporter will charge and Shipper will pay the then existing maximum Recourse Rate set forth in Transporter's FERC Gas Tariff from time to time.
3. Notwithstanding the foregoing, the charge to be paid by Shipper to Transporter will be no lower than the applicable total effective minimum charges or higher than the applicable total effective maximum charges as set forth in Transporter's FERC Gas Tariff from time to time.

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4. The discounted reservation rate will be apportioned in accordance with Section 20 of the General Terms and Conditions of Transporter's FERC Gas Tariff.
5. In addition to the reservation charges set forth above, Shipper must provide all applicable commodity charges, surcharges, overrun charges and retainage charges set forth in Transporter's FERC Gas Tariff from time to time.
6. In addition to the reservation charges set forth above, commencing on 4/1/2015, Shipper will pay all applicable Capital Cost Recovery Mechanism ("CCRM") charges.

If you are in agreement with the above amendment, please execute both originals of this letter and return one to Transporter at the above address, Attention: Jackie Sydnor, 8<sup>th</sup> floor North.

Executed and agreed to this 10 day of June, 2013.

**DUKE ENERGY KENTUCKY, INC.**

**COLUMBIA GAS TRANSMISSION, LLC**

By: *[Signature]*

By: *[Signature]*

Its: EVPA and COO, REGULATED UTILITIES

Its: VP, Customer Services & Navigates

*[Handwritten initials]*  
 DOR  
 JEM

RETAINAGE PERCENTAGES

Transportation Retainage	2.042%	<i>Sst fuel %</i>
Gathering Retainage	3.500%	
Storage Gas Loss Retainage	0.150%	<i>fss fuel %</i>
Ohio Storage Gas Lost Retainage	0.250%	
Columbia Processing Retainage 1/	0.000%	

1/ The Columbia Processing Retainage shall be assessed separately from the processing retainage applicable to third party processing plants set forth in Section 25.3 (f) of the General Terms and Conditions.



Currently Effective Rates  
 Applicable to Rate Schedule FTS-1  
 Rates in Dollars per Dth

Rate Schedule FTS-1	Base Rate (1) 1/	Total Effective Rate (2) 1/	Daily Rate (3) 1/
<b>Market Zone</b>			
Reservation Charge			
Maximum	4.2917	4.2917	0.1411
Minimum	0.000	0.000	0.000
Commodity			
Maximum	0.0109	0.0109 + 0.0014 = 0.0123	0.0109
Minimum	0.0109	0.0109	0.0109
Overrun			
Maximum	0.1520	0.1520	0.1520
Minimum	0.0109	0.0109	0.0109

*discount*  
 3.33  
 4.2917  
 0.000

1/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 31 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.

**GAS COST ADJUSTMENT  
DUKE ENERGY KENTUCKY**

**DETAILS FOR THE EGC RATE IN EFFECT AS OF : August 30, 2016**

	RATE (\$ DTH)	CONTRACT VOLUME (DTH)	NUMBER OF DAYS/MTHS	EXPECTED GAS COST (\$)
<b>INTERSTATE PIPELINE : KO TRANSMISSION COMPANY</b>				
TARIFF RATE EFFECTIVE DATE : 4/1/2015				
<u>BILLING DEMAND - TARIFF RATE - FT</u>				
Maximum Daily Quantity	0.3560	72,000	12	307,584
CAPACITY RELEASE CREDIT				0
<b>TOTAL KO TRANSMISSION CO. DEMAND CHARGES</b>				<b>307,584</b>
<b>INTERSTATE PIPELINE : Texas Gas Transmission</b>				
TARIFF RATE EFFECTIVE DATE : 1/15/2014				
<u>BILLING DEMAND - TARIFF RATE - STE</u>				
Maximum Daily Quantity	0.1950	18,000	151	530,010
Maximum Daily Quantity	0.1200	6,000	214	154,080
CAPACITY RELEASE CREDIT				0
<b>TOTAL TEXAS GAS TRANSMISSION CO. DEMAND CHARGES</b>				<b>684,090</b>
<b>GAS MARKETERS FIXED CHARGES</b>				
November - March	0.0057	10,441,792		59,099
December - February	0.1092	450,000		49,140
<b>TOTAL GAS MARKETERS FIXED CHARGES</b>				<b>108,239</b>

KO Transmission Company

Effective Date: 04/01/2016

Status: Effective

FERC Docket: RP16-00695-000

FERC Order: Delegated Letter Order

Order Date: 03/30/2016

Part 3, Currently Effective Rates, 10.0.0

**CURRENTLY EFFECTIVE RATES  
APPLICABLE TO RATE SCHEDULES FTS AND ITS**

**RATE LEVELS - RATE PER DTH**

	<b>Base Tariff Rate<sup>1/</sup></b>
<b>RATE SCHEDULE FTS</b>	
Reservation Charge <sup>2/</sup>	
Maximum 1	\$0.3560
Maximum 2	\$0.3560
Daily Rate - Maximum 1	\$0.0117
Daily Rate - Maximum 2	\$0.0117
Commodity	
Maximum	\$0.0000
Minimum	\$0.0000
Overrun	\$0.0117
<b>RATE SCHEDULE ITS</b>	
Commodity	
Maximum	\$0.0117
Minimum	\$0.0000

<sup>1/</sup> ACA assessed where applicable pursuant to Section 154.402 of the Commission's regulations and will be charged pursuant to Section 23 of the General Terms and Conditions at such time that initial and successive annual ACA assessments applicable to Transporter are made and posted on the Commission's website (<http://www.ferc.gov>).

<sup>2/</sup> Minimum reservation charge is \$0.00.

Transportation Retainage Adjustment 0.882%

NOTE: Utilizing GISB standards 5.3.22 and 5.3.23, Transporter's Rate Schedule FTS Reservation Charge can be converted to an applicable daily rate by dividing the above monthly rate by 30.4 days.



3800 Frederica Street  
P.O. Box 20008  
Owensboro, KY 42304-0008  
270/926-8686

January 15, 2014

Mr. Jeff Kern  
Duke Energy Kentucky, Inc.  
139 E 4<sup>th</sup> St EX460  
Cincinnati, OH 45202-4003

Re: Discounted Rates Letter Agreement to  
STF Service Agreement No. 33502  
between TEXAS GAS TRANSMISSION, LLC and  
DUKE ENERGY KENTUCKY, INC.  
dated January 15, 2014

Dear Jeff:

This Discounted Rates Letter Agreement ("Agreement") specifies additional terms and conditions applicable to the referenced Firm Service Agreement ("Contract") between Texas Gas Transmission, LLC ("Texas Gas") and Duke Energy Kentucky, Inc. ("Customer"). This Agreement is subject to all applicable Federal Energy Regulatory Commission ("FERC") regulations. In the event the language of this Agreement conflicts with the Contract, the language of this Agreement will control. In the event the language of this Agreement conflicts with Texas Gas' FERC Gas Tariff currently in effect or any superseding tariff ("Tariff"), the language of the Tariff will control.

1. Texas Gas shall provide primary firm service under the Agreement from Primary Receipt Point(s) to the Primary Delivery Point(s) listed in the attached Exhibit A. The rates charged for this service also shall be set forth in Exhibit A.

(a) The Contract Demand(s) for this Agreement shall be: 18,000 MMBtu per day each November – March  
6,000 MMBtu per day each April - October

2. The rates in Exhibit A are applicable only for transportation service utilizing the Primary Point(s) specifically listed on Exhibit A, up to Customer's Contract Demand. The rates in Exhibit B are applicable only for transportation service utilizing the eligible secondary point(s) specifically listed on Exhibit B. If Customer utilizes any other receipt or delivery point, then the applicable maximum rate(s), including all other applicable charges Texas Gas is authorized to charge pursuant to its Tariff, shall apply unless the parties amend Exhibits A and/or B in writing, pursuant to the requirements of the Tariff and prior to nomination, to include such transportation service. If Customer or its Replacement Shipper(s) deliver gas to a point not listed on Exhibit A or B, Customer shall pay the maximum applicable rate for the quantity delivered to such point(s), up to Customer's Contract Demand.

3. This Agreement shall be effective beginning April 1, 2014 and shall continue in full force and effect through October 31, 2017.

4. All rates and services described in this Agreement are subject to the terms and conditions of Texas Gas' Tariff. Texas Gas shall have no obligation to make refunds to Customer unless the maximum rate ultimately established by the FERC for any service described herein is less than the rate paid by Customer under this Agreement. Texas Gas shall have the unilateral right to file with the appropriate regulatory authority and make

changes effective in the filed rates, charges, and services in Texas Gas' Tariff, including both the level and design of such rates, charges and services and the general terms and conditions therein.

5. Except as otherwise provided in the FERC's regulations, this Agreement may not be assigned without the express written consent of the other party. Any assignment shall be in accordance with the Tariff and FERC regulations. Such consent shall not be unreasonably withheld. Any assignment made in contravention of this paragraph shall be void at the option of the other party. If such consent is given, this Agreement shall be binding upon and inure to the benefit of the parties and their successors and assigns.

6. In the event any provision of this Agreement is held to be invalid, illegal or unenforceable by any court, regulatory agency, or tribunal of competent jurisdiction, the validity, legality, and enforceability of the remaining provisions, terms or conditions shall not in any way be affected or impaired thereby, and the term, condition, or provision which is held illegal or invalid shall be deemed modified to conform to such rule of law, but only for the period of time such order, rule, regulation, or law is in effect.

7. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED UNDER THE LAWS OF THE COMMONWEALTH OF KENTUCKY, EXCLUDING ANY PROVISION WHICH WOULD DIRECT THE APPLICATION OF THE LAWS OF ANOTHER JURISDICTION.

If Customer agrees with the terms and conditions, please so indicate by signing the duplicate originals in the appropriate spaces provided below and returning the originals to Texas Gas.

Very Truly Yours,

TEXAS GAS TRANSMISSION, LLC

By: *David W Maselcy*

Name: DAVID W MASELCY

Title: V.P., Southern/Midwest Markets

Date: 1/27/14

ACCEPTED AND AGREED TO this 30<sup>th</sup> day of January, 2014.

DUKE ENERGY KENTUCKY, INC.

By: *Keith Trent*

Name: Keith Trent

Title: EVP & COO-Reg. Utilities

As To Form

*DKK*

Signature page to Discounted Rates Letter Agreement, Agreement No. 33502, dated January 15, 2014.

*PJK  
JEM*

Rate Schedule STF  
Agreement No.: 33502  
Discounted Rates Letter Agreement dated January 15, 2014

EXHIBIT A

Primary Receipt Point(s)

All effective primary receipt point(s) listed under the Contract.

Primary Delivery Point(s)

<u>Meter Name</u>	<u>Meter No.</u>	<u>Zone</u>
Duke Energy KY Shipper DE	1872	4

Rate(s)

The following rates shall be applicable to any transaction utilizing (i) a Primary Receipt Point(s) or Eligible Secondary Receipt Point(s); and (ii) a Primary Delivery Point(s) or Eligible Secondary Delivery Point(s).

Demand:	\$0.1950 per MMBtu/day each November - March \$0.1200 per MMBtu/day each April - October
Commodity:	Texas Gas' minimum tariff rate per MMBtu plus applicable surcharges and fuel retention
Discount Qualification:	Customer may select Primary Receipt Point capacity up to 120% of Daily Contract Demand in the Winter Season and in the Summer Season with no impact on the discounted demand rates. If Customer selects Primary Receipt Point capacity greater than 120% of Daily Demand in the Winter Season or the Summer Season, then the maximum applicable rate shall apply to all of the Contract Demand.

The discounted demand and commodity rates are applicable for deliveries to the Primary and Eligible Secondary Delivery Points. To the extent Customer or its replacement shipper delivers gas to any other delivery point, or delivers more than the daily contract demand on any day and such volumes are not daily overrun, then Customer shall pay both the maximum demand and commodity rates for all gas quantities on that day.

Rate Schedule STF  
Agreement No.: 33502  
Discounted Rates Letter Agreement dated January 15, 2014

EXHIBIT B

Eligible Secondary Receipt Point(s)

All secondary receipt points located in Texas Gas Rate Zone(s) 1, 2, 3 and 4

Eligible Secondary Delivery Point(s)

<u>Meter Name</u>	<u>Meter No.</u>	<u>Zone</u>
Lebanon-Dominion	1247	4
Lebanon-Columbia Gas	1715	4
Lebanon-Texas Eastern	1859	4
Duke Energy OH Shipper DE	1229	4

Rate(s)

The rates identified on Exhibit A shall be applicable to any transaction utilizing (i) a Primary Receipt Point(s) or Eligible Secondary Receipt Point(s); and (ii) a Primary Delivery Point(s) or Eligible Secondary Delivery Point(s).

**Duke Energy Kentucky  
Gas Resources  
Supply Portfolio - November 2015 - March 2016  
Reservation Fees**

			Dth per Day					Total Volume	Reserv. Fee	Total Cost
			Nov	Dec	Jan	Feb	Mar			
<b>Evron</b>										
Columbia (Mainline)	Base	Fixed								
Columbia (Mainline)	Swing	GD	1,500	1,500	1,500	1,500	1,500	228,000	\$0.0000	\$0.00
Texas Gas Zone 1	Swing	GD	9,733	8,000	6,466	6,666	9,733	1,235,473	\$0.0050	\$6,177.37
			6,157	5,491	5,491	5,491	6,157	<u>875,258</u>	\$0.0050	<u>\$4,376.29</u>
								<u>2,338,731</u>		<u>\$10,553.66</u>
<b>Loco</b>										
Columbia (Mainline)	Base	Fixed								
			5,500	5,500	5,500	5,500	5,500	<u>836,000</u>	\$0.0000	<u>\$0.00</u>
								<u>836,000</u>		<u>\$0.00</u>
<b>tEra</b>										
Columbia (Mainline)	Base	FOMI								
			0	2,600	4,900	4,600	0	<u>365,900</u>	\$0.0000	<u>\$0.00</u>
								<u>365,900</u>		<u>\$0.00</u>
<b>uent</b>										
Columbia (Mainline)	Swing	GD								
Texas Gas	Swing	GD	9,733	7,999	6,467	6,667	9,733	1,235,502	\$0.0050	\$6,177.51
			6,157	5,490	5,490	5,490	6,157	<u>875,167</u>	\$0.0050	<u>\$4,375.84</u>
								<u>2,110,669</u>		<u>\$10,553.35</u>
<b>l</b>										
Columbia (Mainline)	Base	Fixed								
			5,000	5,000	5,000	5,000	5,000	<u>760,000</u>	\$0.0000	<u>\$0.00</u>
								<u>760,000</u>		<u>\$0.00</u>
<b>Eagle</b>										
Columbia Backhaul (Leach)	Swing	GD								
			9,026	9,026	9,026	9,026	9,026	<u>1,371,952</u>	\$0.0200	<u>\$27,439.04</u>
								<u>1,371,952</u>		<u>\$27,439.04</u>
<b>nergy</b>										
Columbia (Mainline)	Base	Fixed								
Columbia (Mainline)	Base	FOMI	1,300	1,300	1,300	1,300	1,300	197,600	\$0.0000	\$0.00
Texas Gas	Base	FOMI	0	2,600	4,900	4,600	0	365,900	\$0.0000	\$0.00
	Base	FOMI	0	2,000	2,000	2,000	0	<u>182,000</u>	\$0.0000	<u>\$0.00</u>
								<u>547,900</u>		<u>\$0.00</u>
<b>nergy</b>										
Columbia (Mainline)	Swing	GD								
Texas Gas	Swing	GD	9,733	8,000	6,466	6,666	9,733	1,235,473	\$0.0050	\$6,177.37
			6,157	5,490	5,490	5,490	6,157	<u>875,167</u>	\$0.0050	<u>\$4,375.84</u>
								<u>2,110,640</u>		<u>\$10,553.20</u>
<b>Firm Supply</b>								<b>10,441,792</b>		<b>\$59,099.24</b>
<b>Peaking Service (South)</b>										
Columbia Backhaul (Lebanon)		GD+\$0.1500		18,000	18,000	18,000		<u>1,638,000</u>	\$0.0300	<u>\$49,140.00</u>
								<u>1,638,000</u>		<u>\$49,140.00</u>
<b>Duke Energy Kentucky</b>								<b>12,079,792</b>		<b>\$108,239.24</b>

18,000 x 25 days = 450,000



**DUKE ENERGY KENTUCKY  
TOTAL RESERVATION COSTS FROM FIRM SUPPLIERS  
ESTIMATED FOR EGC EFFECTIVE 6/1/2016**

**TOTAL ANNUAL RESERVATION COST:**

TOTAL DOLLARS \$ 59,099 (1)

**TOTAL ANNUAL COVERAGE:**

CITY GATE VOLUMES 10,441,792 Dth (2)

**CALCULATED RATE:** \$ 0.0057 per Dth

(1) Reservation charges billed by firm suppliers for 2015 - 2016.

(2) Contracted volumes for the 2015 - 2016 winter season.

**DUKE ENERGY KENTUCKY  
TOTAL RESERVATION COSTS FROM NEEDLE PEAKING SUPPLIERS  
ESTIMATED FOR EGC EFFECTIVE 6/1/2016**

**TOTAL ANNUAL RESERVATION COST:**

TOTAL DOLLARS \$ \$49,140.00 (1)

**TOTAL ANNUAL COVERAGE:**

CITY GATE VOLUMES 450,000 Dth (2)

**CALCULATED RATE:** \$ 0.1092 per Dth

(1) Reservation charges billed by needle peaking suppliers for 2015 - 2016

(2) Contracted volumes for the 2015 - 2016 winter season.

**GAS COST ADJUSTMENT  
DUKE ENERGY KENTUCKY**

DETAILS FOR THE EGC RATE IN EFFECT AS OF : August 30, 2016

**GAS COMMODITY RATE FOR SEPTEMBER, 2016:**

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$3.1035	\$/Dth
DUKE ENERGY KENTUCKY FUEL	1.400%	\$0.0434	\$3.1469	\$/Dth
DTH TO MCF CONVERSION	1.0894	\$0.2813	\$3.4282	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100.000%		\$3.4282	\$/Mcf
<b>GAS MARKETERS COMMODITY RATE</b>			<b>\$3.428</b>	<b>\$/Mcf</b>

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE			\$3.0591	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$3.0744	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	2.042%	\$0.0628	\$3.1372	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0179	\$3.1551	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0014	\$3.1565	\$/Dth
DUKE ENERGY KENTUCKY FUEL	1.400%	\$0.0442	\$3.2007	\$/Dth
DTH TO MCF CONVERSION	1.0894	\$0.2861	\$3.4868	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
<b>GAS STORAGE COMMODITY RATE - COLUMBIA GAS</b>			<b>\$0.000</b>	<b>\$/Mcf</b>

PROPANE :

ERLANGER PROPANE INVENTORY RATE			\$0.87023	\$/Gallon
GALLON TO MCF CONVERSION	15.38	\$12.5139	\$13.3841	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
<b>PROPANE COMMODITY RATE</b>			<b>\$0.000</b>	<b>\$/Mcf</b>

(1) Weighted average cost of gas based on NYMEX prices on 8/5/16 and contracted hedging prices.

**GAS COST ADJUSTMENT CLAUSE  
DUKE ENERGY KENTUCKY, INC  
SUPPLIER REFUND ADJUSTMENT  
DETAILS FOR THE THREE MONTH PERIOD ENDED**

May 31, 2016

DESCRIPTION	UNIT	AMOUNT
SUPPLIER REFUNDS RECEIVED DURING THREE MONTH PERIOD March 1, 2015 THROUGH May 31, 2016	\$	0.00
INTEREST FACTOR (REFLECTING 90 DAY COMMERCIAL PAPER RATE)		0.9996
REFUNDS INCLUDING INTEREST ( \$0.00 x 0.9996 )	\$	0.00
DIVIDED BY TWELVE MONTH SALES ENDED August 31, 2017	MCF	9,946,727
CURRENT SUPPLIER REFUND ADJUSTMENT	\$/MCF	<u><u>0.000</u></u>

DETAILS OF SUPPLIER REFUNDS RECEIVED DURING THE THREE MONTHS ENDED

May 31, 2016

DESCRIPTION	UNIT	AMOUNT
-------------	------	--------

SUPPLIER

TOTAL REFUNDS APPLICABLE TO THE CURRENT GCA

\$

0.00

RAU

**GAS COST ADJUSTMENT CLAUSE**  
**DUKE ENERGY KENTUCKY, INC**  
**ACTUAL ADJUSTMENT**  
**DETAILS FOR THE THREE MONTH PERIOD ENDED**

May 31, 2016

DESCRIPTION	UNIT	MARCH	APRIL	MAY
<b><u>SUPPLY VOLUME PER BOOKS</u></b>				
PRIMARY GAS SUPPLIERS	MCF	926,277	635,931	354,054
UTILITY PRODUCTION	MCF	0	0	0
INCLUDABLE PROPANE	MCF	0	0	1,296
OTHER VOLUMES (SPECIFY) ADJUSTMENT	MCF	8,562	6,856	(3,211)
TOTAL SUPPLY VOLUMES	MCF	<u>934,839</u>	<u>642,787</u>	<u>352,139</u>
<b><u>SUPPLY COST PER BOOKS</u></b>				
PRIMARY GAS SUPPLIERS	\$	4,029,225	1,889,045	1,221,624
SPECIAL PURCHASES CREDIT	\$	0	0	0
INCLUDABLE PROPANE	\$	0	0	16,643
OTHER COSTS (SPECIFY):				
GAS COST UNCOLLECTIBLE	\$	(34,205)	(9,917)	(5,307)
MANAGEMENT FEE	\$	(68,900)	(68,900)	(68,900)
X-5 TARIFF	\$	0	0	0
TRANSPORTATION SERVICE "UNACCOUNTED FOR"	\$	0	0	0
GAS COST CREDIT	\$	0	0	0
LOSSES - DAMAGED LINES	\$	0	(688)	0
TRANSPORTATION TAKE-OR-PAY RECOVERY	\$	0	0	0
SALES TO REMARKETERS	\$	0	0	0
TOTAL SUPPLY COSTS	\$	<u>3,926,120</u>	<u>1,809,540</u>	<u>1,164,060</u>
<b><u>SALES VOLUMES</u></b>				
JURISDICTIONAL	MCF	1,171,210.0	714,924.6	355,749.5
NON-JURISDICTIONAL	MCF	0.0	0.0	0.0
OTHER VOLUMES (SPECIFY):	MCF	0.0	0.0	0.0
TOTAL SALES VOLUMES	MCF	<u>1,171,210.0</u>	<u>714,924.6</u>	<u>355,749.5</u>
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF	3.352	2.531	3.272
LESS: EGC IN EFFECT FOR THE MONTH	\$/MCF	<u>3.602</u>	<u>2.799</u>	<u>3.451</u>
DIFFERENCE	\$/MCF	(0.250)	(0.268)	(0.179)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF	<u>1,171,210.0</u>	<u>714,924.6</u>	<u>355,749.5</u>
EQUALS MONTHLY COST DIFFERENCE	\$	<u>(292,802.50)</u>	<u>(191,599.79)</u>	<u>(63,679.16)</u>
NET COST DIFFERENCE FOR THE THREE MONTH PERIOD	\$			<u>(548,081.45)</u>
PRIOR PERIOD ADJUSTMENT - GAS COST UNCOLLECTIBLE REVISION	\$			0.00
TOTAL COST USED IN THE CURRENT AA CALCULATION	\$			<u>(548,081.45)</u>
DIVIDED BY: 12 MONTH PROJECTED SALES ENDED <u>August 31, 2017</u>	MCF			9,946,727
EQUALS CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF			<u>(0.055)</u>
AAU				

**GAS COST ADJUSTMENT CLAUSE  
DUKE ENERGY KENTUCKY, INC  
BALANCE ADJUSTMENT  
DETAILS FOR THE TWELVE MONTH PERIOD ENDED May 31, 2016**

DESCRIPTION	UNIT	AMOUNT
<b><u>RECONCILIATION OF A PREVIOUS GAS COST VARIANCE</u></b>		
GAS COST DIFFERENCE TO BE RECOVERED FROM OR (RETURNED TO) CUSTOMERS WHICH WAS USED TO COMPUTE THE "AA" EFFECTIVE JUNE 2, 2015	\$	164,217.57
LESS: AMOUNT RECOVERED (RETURNED) BY THE AA OF \$ 0.016 /MCF APPLIED TO TOTAL SALES OF 8,144,791 MCF (TWELVE MONTHS ENDED May 31, 2016 )	\$	<u>130,316.63</u>
BALANCE ADJUSTMENT FOR THE "AA"	\$	<u>33,900.94</u>
<b><u>RECONCILIATION OF A PREVIOUS SUPPLIER REFUND</u></b>		
SUPPLIER REFUND AMOUNT TO BE DISTRIBUTED TO CUSTOMERS WHICH WAS USED TO COMPUTE THE "RA" EFFECTIVE JUNE 2, 2015	\$	0.00
LESS: AMOUNT DISTRIBUTED BY THE "RA" OF \$ 0.000 /MCF APPLIED TO TOTAL SALES OF 8,144,791 MCF (TWELVE MONTHS ENDED May 31, 2016 )	\$	<u>0.00</u>
BALANCE ADJUSTMENT FOR THE "RA"		<u>0.00</u>
<b><u>RECONCILIATION OF A PREVIOUS BALANCE ADJUSTMENT</u></b>		
AMOUNT TO BE RECOVERED FROM OR (RETURNED TO) CUSTOMERS WHICH WAS USED TO COMPUTE THE "BA" EFFECTIVE JUNE 2, 2015	\$	(443,975.71)
LESS: AMOUNT RECOVERED (RETURNED) BY THE "BA" OF \$ (0.043) /MCF APPLIED TO TOTAL SALES OF 8,144,791 MCF (TWELVE MONTHS ENDED May 31, 2016 )	\$	<u>(350,226.00)</u>
BALANCE ADJUSTMENT FOR THE "BA"	\$	<u>(93,749.71)</u>
TOTAL BALANCE ADJUSTMENT AMOUNT	\$	<u>(59,848.77)</u>
DIVIDED BY: 12 MONTHS PROJECTED SALES ENDED August 31, 2017	MCF	<u>9,946,727</u>
EQUALS: CURRENT QUARTER BALANCE ADJUSTMENT	\$/MCF	<u><u>(0.006)</u></u>

DUKE ENERGY KENTUCKY  
SUPPLEMENTAL INFORMATION  
FOR THE EXPECTED GAS COST (EGC) RATE CALCULATION  
OF THE GAS COST RECOVERY RATE  
IN EFFECT AS OF AUGUST 30, 2016

3rd Quarter

DUKE ENERGY Kentucky, Inc.  
 USED FOR GCA EFFECTIVE August 30, 2016

COMPUTATION OF THE INTEREST FACTOR  
 FOR THE GCA CALCULATION ON SCHEDULE II

TWELVE MONTHS ENDED June 30, 2016  
 BLOOMBERG REPORT (90-DAY COMMERCIAL PAPER RATES)

INTEREST RATE	-0.0008
PAYMENT	0.083297
ANNUAL TOTAL	0.9996
MONTHLY INTEREST AMOUNT	(0.000067)
	1

JUNE	2015	0.21	
JULY	2015	0.22	
AUGUST	2015	0.30	
SEPTEMBER	2015	0.29	
OCTOBER	2015	0.14	
NOVEMBER	2015	0.33	
DECEMBER	2015	0.57	
JANUARY	2016	0.52	
FEBRUARY	2016	0.54	
MARCH	2016	0.49	
APRIL	2016	0.53	
MAY	2016	0.59	4.73
JUNE	2016	0.56	5.08

PRIOR ANNUAL TOTAL	4.73
PLUS CURRENT MONTHLY R	0.56
LESS YEAR AGO RATE	0.21
NEW ANNUAL TOTAL	5.08
AVERAGE ANNUAL RATE	0.42
LESS 0.5% (ADMINISTRATIVE	(0.08)

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DUKE ENERGY KENTUCKY  
GAS SERVICE  
SUMMARY OF GCA and GCR COMPONENTS  
MONTH: March 2016

A:\GCR - GCA\DEKSupport\2016\Accounting 2016 - thru MAY - GCA.xlsx\May 16

Retail BILL CODE	MCF Usage REPORTED SALES	Exp'd Gas Cost EGC \$	RECONCILIATION ADJUSTMENT			ACTUAL ADJUSTMENT			BALANCE ADJUSTMENT			TOTAL BA			
			CURRENT 0.000	PREVIOUS 0.000	THRD.PREV. 0.000	TOTAL RA	CURRENT 0.202	PREVIOUS 0.040	THRD.PREV. 0.016	TOTAL AA	CURRENT 0.000		PREVIOUS 0.028	THRD.PREV. 0.043	TOTAL BA
044	5.678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.55)	
064	1.61	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	
074	5.268	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	
084	5.348	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	
104	5.519	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	
114	5.082	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.83	
124	4.834	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	
144	4.677	(2.98)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	
154	4.967	(145.98)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.57	
164	5.122	(5.27)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	
015	4.793	(379.71)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	
035	4.205	407.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	532.85	
045	4.127	(264.30)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,080.54	
065	3.659	(659.63)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.46	
075	3.796	237.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33,828.77	
085	4.010	(114.79)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	508.17	
105	3.972	(71.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,032.61	
115	3.906	(80.52)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,440.85	
125	3.986	(11.35)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(12.99)	
145	3.782	(4,842.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(51,951.32)	
155	4.267	(42,782.26)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32,833.28	
165	3.613	(62,585.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(52,715.88)	
016	3.439	1,113.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(70,256.09)	
036	3.666	4,349.413.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(72,490.21)	
046	3.600	4,219,235.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(70,256.09)	
TOTAL RETAIL			1,171,210.0	4,219,235.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORTATION: IFT3 Customer Choice Program (GCAT):															
094			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
025			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
065			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
095			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	11,834.6		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
026			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
056			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FT CHOICE			11,834.6												
TOTAL FOR CHOICE															
TOTAL FOR Gas Cost Recovery (GCR)															
Firm Transportation: IFT															
FT			243,139.1												
Interruption Transportation: IT01															
IT			120,921.0												
Grand Total			1,547,104.7												
ADJUSTED EGC			3,802												

Patben, Dana:  
1,207,409.9 + 55.6 + 677 + 27.8

CONTROL CK  
positive=recovered-cr 253130  
negative=reduce refund=qr253130

CONTROL CK  
positive=recovered-cr 191400  
negative=refund=dr 191400

CONTROL CK  
positive=recovered-cr 191400  
negative=reduce refund=qr253130

JE ID - KUNBIL AMZ



**DUKE ENERGY COMPANY KENTUCKY  
DETERMINATION OF TOTAL SUPPLY COST  
MONTH OF**

**March 2016**

<u>DESCRIPTION</u>	<u>W/P</u>		<u>TOTAL AMOUNT ROUNDED</u>
<b>PRIMARY GAS SUPPLY COST</b>			\$
current month estimate	B1	4,017,139.01	
adjustments from prior month	B2	9,595.79	
Interruptible Transportation monthly charges by Gas Supply - PM	C	2,490.02	4,029,225
<b>LESS: RATE SCHEDULE CF CREDIT</b>			
current month		0.00	
adjustments		0.00	0
<b>PLUS: INCLUDABLE PROPANE</b>			
a/c 728-3 Erlanger	D2	0.00	0
<b>PLUS: GAS COST UNCOLLECTIBLE</b>	E	(34,205.00)	(34,205)
<b>LESS: X-5 TARIFF</b>		0.00	0
<b>LESS Tenaska MANAGEMENT FEE</b>	F	68,900.00	(68,900)
<b>LESS: TOP TRANSP. RECOVERIES</b>		0.00	0
<b>LESS: GAS LOSSES - DAMAGED LINES</b>	G	0.00	0
adjustments		0.00	0
<b>LESS: GAS COST CREDIT</b>		0.00	0
<b>LESS: FIRM TRANSPORTATION ADJUSTMENTS</b>			
current month		0.00	
adjustments		0.00	0
<b>TOTAL SUPPLY COSTS</b>			<b>3,926,120</b>

**ACCOUNTING ENTRY FOR DEFERRAL ONLY**

<u>ACCOUNTING ENTRY FOR DEFERRAL ONLY</u>	<u>AMOUNT</u>
ACCTS: 191990 - Unrecv PG - Asset /191400 - Unrecv PG\$ - Liabl	(292,802.50)
ACCOUNT 0805002 - Unrecv PG Adj - Expense	292,802.50

## PURCHASED GAS ADJUSTMENT

## SCHEDULE III

COMPANY NAME: DUKE ENERGY COMPANY KENTUCKY

## ACTUAL ADJUSTMENT

DETAILS FOR THE MONTH March 2016

<u>PARTICULARS</u>	<u>UNIT</u>	<u>W/P</u>	<u>MONTH</u> <u>March 2016</u>
<u>SUPPLY VOLUME PER BOOKS</u>			
Primary Gas Suppliers	MCF	B1	926,277
Utility Production	MCF		0
Includable Propane	MCF	D1	0
Other Volumes (Specify) - Previous Month Adj.	MCF	B2	8,562
<b>TOTAL SUPPLY VOLUMES</b>	<b>MCF</b>		<b>934,839</b>
<u>SUPPLY COST PER BOOKS</u>			
Primary Gas Suppliers	\$	A1	4,029,225
Includable Propane	\$		0
Gas Cost Uncollectible	\$	A1	(34,205)
Other Cost (Specify) - Gas Cost Credit	\$		0
- Unacct'd for Transp.	\$		0
- CF Credit	\$		0
- X-5 Tariff	\$		0
- CMT Management Fee	\$	A1	(68,900)
- Losses-Damaged Lines	\$	A1	0
- Gas Sold to Remarketers	\$		0
- TOP Transp. Recoveries	\$		0
<b>TOTAL SUPPLY COST</b>	<b>\$</b>	<b>A1</b>	<b>3,926,120</b>
<u>SALES VOLUMES</u>			
Jurisdictional - Retail	MCF	H	1,171,210.00
Non-Jurisdictional	MCF		
Other Volumes (Specify) -	MCF		
<b>TOTAL SALES VOLUME</b>	<b>MCF</b>		<b>1,171,210.0</b>
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF		3.352
LESS: EGC IN EFFECT FOR MONTH	\$/MCF	H	3.602
DIFFERENCE	\$/MCF		(0.250)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF		1,171,210.0
<b>MONTHLY COST DIFFERENCE</b>	<b>\$</b>		<b>(292,802.50)</b>

DUKE ENERGY COMPANY KENTUCKY

March 2016

	<u>Applied</u> <u>MCF Sales</u>	<u>W/P</u>	<u>Amount</u>	<u>\$/MCF</u>
<b><u>GAS FUEL ADJUSTMENT BILLED</u></b>				
EGC - Retail	1,171,210.0	H	4,219,235	3.60245830
RA		H	0	
AA		H	(126,276)	
BA		H	(70,966)	
TOTAL GAS COST RECOVERY(GCR)			<u>4,021,993.18</u>	
TOTAL SALES VOLUME	1,171,210.0			
LESS: NON-JURISDICTIONAL SALES	<u>0.0</u>			
JURISDICTIONAL SALES	<u>1,171,210.0</u>			
<b><u>PROOF OF UNRECOVERED PURCHASED GAS COST ENTRY</u></b>				
SUPPLIER COST - CURRENT MONTH	1,171,210.0		3,926,120.00	3.35219132
UNRECOVERED PURCHASED GAS COST			166,526.67	
ROUNDING(ADD/(DEDUCT))			<u>312.69</u>	
TOTAL GAS COST IN REVENUE			<u>4,092,959.36</u>	
TOTAL GAS COST RECOVERY(GCR)			4,021,993.18	
LESS: RA			0.00	
BA			<u>(70,966.17)</u>	
PLUS: COST OF NON-JURISDICTIONAL SALES			<u>3,951,027.01</u>	
UNRECOVERED PURCHASED GAS COST ENTRY			166,526.67	
LESS: AA			<u>(126,275.83)</u>	
MONTHLY COST DIFFERENCE			292,802.50	
EXTENDED MONTHLY COST DIFFERENCE			<u>293,115.19</u>	
ROUNDING			<u>312.69</u>	

Retail BILL CODE	MCF Usage REPORTED SALES	Expid Gas Cost EGC \$	RECONCILIATION ADJUSTMENT			ACTUAL ADJUSTMENT			BALANCE ADJUSTMENT			TOTAL BA	
			CURRENT PREVIOUS	SEC.PREV. THRD.PREV.	THRD.PREV. TOTAL	CURRENT PREVIOUS	SEC.PREV. THRD.PREV.	THRD.PREV. TOTAL	CURRENT PREVIOUS	SEC.PREV. THRD.PREV.	THRD.PREV. TOTAL		
			0.000 0.000	0.000 0.000	0.000 0.000	0.202 0.640	(0.359) (0.640)	0.016 0.016	0.016 0.016	0.045 0.045	0.000 0.000	0.045 0.045	
124		4.834											
144	1.0	4.677											
154	10.9	4.967											
164	(246.5)	5.122											
015	106.2	4.793											
035	(110.7)	4.205											
045	40.4	4.127											
065	(87.1)	3.859											
075	(5,649.7)	3.796											
085	107.2	4.010											
105	39.7	3.972											
115	63.6	3.906											
125	88.3	3.986											
145	115.7	3.782											
155	41.6	4.287											
165	(6,510.6)	3.613											
016	(7,952.0)	3.439											
036	(19,913.4)	3.686											
046	16,071.6	3.600											
066	738,668.4	2,827											
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	3,246.46	(5,930.42)	257.15	(1,783.95)	292.98	(723.22)	(681.08)	(864.30)
			0.00	0.00	0.00	149,211.02	(272,568.64)	11,818.69	(81,989.19)	(33,240.08)	(31,762.74)	(44,320.10)	
			152,457.48	29,814.56	(265,904.84)	11,533.14	(73,089.76)			(30,995.26)	(43,252.51)		
<b>TOTAL RETAIL</b>		<b>714,924.6</b>											
<b>TRANSPORTATION: IFT3</b>													
Customer Choice Program (GCAT):													
094													
134													
174													
025													
055													
095													
135													
026													
056	8,163.2												
<b>FT CHOICE</b>		<b>8,163.2</b>											
			0.00	0.00	0.00	1,648.97	(3,012.22)	130.61	(906.11)	(367.34)	(351.02)	(489.79)	
			0.00	0.00	0.00	154,106.45	(268,917.16)	11,663.75	(74,005.87)	(31,346.28)	(43,742.30)		
<b>TOTAL FOR CHOICE</b>													
			154,106.45	29,141.09	(268,917.16)	11,663.75	(74,005.87)			(31,346.28)	(43,742.30)		
<b>TOTAL FOR Gas Cost Recovery (GCR)</b>													
			0.00	0.00	0.00	3,246.46	(5,930.42)	257.15	(1,783.95)	292.98	(723.22)	(681.08)	(864.30)
			0.00	0.00	0.00	149,211.02	(272,568.64)	11,818.69	(81,989.19)	(33,240.08)	(31,762.74)	(44,320.10)	
			152,457.48	29,814.56	(265,904.84)	11,533.14	(73,089.76)			(30,995.26)	(43,252.51)		
<b>Firm Transportation: IFT</b>													
<b>FT</b>	199,036.3												
<b>Interruptible Transportation: IT01</b>													
<b>IT</b>	118,002.0												
<b>Grand Total</b>	<b>1,040,126.1</b>												
<b>ADJUSTED EGC</b>	<b>2,799</b>												

Patben, Dana:  
738,015.70 + 24.8 + 275 + 352.9

**CONTROL CK**  
positive=recovered-cr 253130  
negative=reduce refund=of253130

01101400 is Unreconc Rurch Gas Cost (Lubbi)  
01101400 is Unreconc Rurch Gas Cost (Lubbi)

JE ID - KUNBIL AMZ

CONTROL CK  
positive=recovered-cr 191400  
negative=refund-dr 191400

CONTROL CK  
positive=recovered-cr 253130  
negative=reduce refund=of253130

**DUKE ENERGY COMPANY KENTUCKY  
DETERMINATION OF TOTAL SUPPLY COST  
MONTH OF April 2016**

<u>DESCRIPTION</u>	<u>W/P</u>	<u>TOTAL AMOUNT ROUNDED</u>
<b>PRIMARY GAS SUPPLY COST</b>		\$
current month estimate	B1	1,893,252.97
adjustments from prior month	B2	16,913.33
Interruptible Transportation monthly charges by Gas Supply - PA	C	<u>(21,121.41)</u>
		<b>1,889,045</b>
 <b>LESS: RATE SCHEDULE CF CREDIT</b>		
current month		0.00
adjustments		<u>0.00</u>
		<b>0</b>
 <b>PLUS: INCLUDABLE PROPANE</b>		
a/c 728-3 Erlanger	D2	<u>0.00</u>
		<b>0</b>
 <b>PLUS: GAS COST UNCOLLECTIBLE</b>		
	E	<u>(9,917.00)</u>
		<b>(9,917)</b>
 <b>LESS: X-5 TARIFF</b>		
		0.00
		<b>0</b>
 <b>LESS Tenaska MANAGEMENT FEE</b>		
	F	<u>68,900.00</u>
		<b>(68,900)</b>
 <b>LESS: TOP TRANSP. RECOVERIES</b>		
		0.00
		<b>0</b>
 <b>LESS: GAS LOSSES - DAMAGED LINES</b>		
	G	<u>(688.05)</u>
		<b>(688)</b>
adjustments		0.00
		<u>0.00</u>
		<b>0</b>
 <b>LESS: GAS COST CREDIT</b>		
		0.00
		<b>0</b>
 <b>LESS: FIRM TRANSPORTATION ADJUSTMENTS</b>		
current month		0.00
adjustments		<u>0.00</u>
		<b>0</b>
 <b>TOTAL SUPPLY COSTS</b>		<u><u><b>1,809,540</b></u></u>

**ACCOUNTING ENTRY FOR DEFERRAL ONLY**

<u>ACCOUNTING ENTRY FOR DEFERRAL ONLY</u>	<u>AMOUNT</u>
ACCTS: 191990 - Unrecv PG - Asset /191400 - Unrecv PG\$ - Liabl	(191,599.79)
ACCOUNT 0805002 - Unrecv PG Adj - Expense	191,599.79

## PURCHASED GAS ADJUSTMENT

## SCHEDULE III

COMPANY NAME: DUKE ENERGY COMPANY KENTUCKY

## ACTUAL ADJUSTMENT

DETAILS FOR THE MONTH April 2016

<u>PARTICULARS</u>	<u>UNIT</u>	<u>W/P</u>	<u>MONTH</u> <u>April 2016</u>
<u>SUPPLY VOLUME PER BOOKS</u>			
Primary Gas Suppliers	MCF	B1	635,931
Utility Production	MCF		0
Includable Propane	MCF	D1	0
Other Volumes (Specify) - Previous Month Adj.	MCF	B2	6,856
TOTAL SUPPLY VOLUMES	MCF		642,787
<u>SUPPLY COST PER BOOKS</u>			
Primary Gas Suppliers	\$	A1	1,889,045
Includable Propane	\$		0
Gas Cost Uncollectible	\$	A1	(9,917)
Other Cost (Specify) - Gas Cost Credit	\$		0
- Unacct'd for Transp.	\$		0
- CF Credit	\$		0
- X-5 Tariff	\$		0
- CMT Management Fee	\$	A1	(68,900)
- Losses-Damaged Lines	\$	A1	(688)
- Gas Sold to Remarketers	\$		0
- TOP Transp. Recoveries	\$		0
TOTAL SUPPLY COST	\$	A1	1,809,540
<u>SALES VOLUMES</u>			
Jurisdictional - Retail	MCF	H	714,924.60
Non-Jurisdictional	MCF		
Other Volumes (Specify) -	MCF		
TOTAL SALES VOLUME	MCF		714,924.6
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF		2.531
LESS: EGC IN EFFECT FOR MONTH	\$/MCF	H	2.799
DIFFERENCE	\$/MCF		(0.268)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF		714,924.6
MONTHLY COST DIFFERENCE	\$		(191,599.79)

**DUKE ENERGY COMPANY KENTUCKY**

April 2016

	<u>Applied</u>		<u>Amount</u>	<u>\$/MCF</u>
	<u>MCF Sales</u>	<u>W/P</u>		
<b><u>GAS FUEL ADJUSTMENT BILLED</u></b>				
EGC - Retail	714,924.6	H	2,000,994.58	2.79888897
RA		H	0	
AA		H	(74,005.87)	
BA		H	<u>(43,742.30)</u>	
TOTAL GAS COST RECOVERY(GCR)			<u>1,883,246.41</u>	
TOTAL SALES VOLUME	714,924.6			
LESS: NON-JURISDICTIONAL SALES	<u>0.0</u>			
JURISDICTIONAL SALES	<u>714,924.6</u>			
<b><u>PROOF OF UNRECOVERED PURCHASED GAS COST ENTRY</u></b>				
SUPPLIER COST - CURRENT MONTH	714,924.6		1,809,540.00	2.53109209
UNRECOVERED PURCHASED GAS COST			117,593.92	
ROUNDING(ADD/(DEDUCT))			<u>(145.21)</u>	
TOTAL GAS COST IN REVENUE			<u>1,926,988.71</u>	
TOTAL GAS COST RECOVERY(GCR)			1,883,246.41	
LESS: RA			0.00	
BA			<u>(43,742.30)</u>	
PLUS: COST OF NON-JURISDICTIONAL SALES			<u>1,839,504.11</u>	
UNRECOVERED PURCHASED GAS COST ENTRY			117,593.92	
LESS: AA			<u>(74,005.87)</u>	
MONTHLY COST DIFFERENCE			191,599.79	
EXTENDED MONTHLY COST DIFFERENCE			<u>191,454.58</u>	
ROUNDING			<u>(145.21)</u>	

DUKE ENERGY KENTUCKY  
GAS SERVICE  
SUMMARY OF GCA and GCR COMPONENTS  
MONTH: May 2016

A:\GCR - GCA\DEKSupport\2016\Accounting 2016 - thru MAY - GCA.xlsx\May 16

Retail BILL CODE	MCF Usage REPORTED SALES		Expid Gas Cost EGC \$	RECONCILIATION ADJUSTMENT			ACTUAL ADJUSTMENT			BALANCE ADJUSTMENT		
	SALES	\$/MCF		CURRENT	PREVIOUS	SEC.PREV.	THRD.PREV.	TOTAL AA	CURRENT	PREVIOUS	SEC.PREV.	THRD.PREV.
124	0.0	4.834	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.0	4.677	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	4.2	4.967	20.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	7.2	5.122	36.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
015	0.7	4.793	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
035	5.4	4.205	22.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
045	23.3	4.127	96.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
065	1.9	3.659	6.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
075	(27.9)	3.796	(105.91)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
085	33.1	4.010	132.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	2.7	3.972	10.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	12.7	3.906	49.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	19.3	3.986	76.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	62.1	3.782	234.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	133.0	4.287	570.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	(3,608.7)	3.613	(13,038.23)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
016	(4,107.4)	3.439	(14,125.35)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
036	(3,918.9)	3.646	(14,445.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
046	5,597.1	3.600	20,149.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
066	(11,440.5)	2.827	(32,342.29)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
076	372,950.2	3.433	1,280,338.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL RETAIL</b>	<b>355,749.5</b>		<b>1,227,692.69</b>									
<b>TRANSPORTATION: IFT3</b>				<b>Customer Choice Program (GCAT):</b>			<b>TRANSPORTATION: IFT</b>			<b>Customer Choice Program (GCAT):</b>		
055				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
026				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
056	6,771.5			1,771.84	350.86	3,236.68	140.34	973.64	1,771.84	350.86	3,236.68	1,403.44
<b>FT CHOICE</b>	<b>6,771.5</b>			<b>1,771.84</b>	<b>350.86</b>	<b>3,236.68</b>	<b>140.34</b>	<b>973.64</b>	<b>1,771.84</b>	<b>350.86</b>	<b>3,236.68</b>	<b>1,403.44</b>
<b>TOTAL FOR CHOICE</b>				<b>TOTAL FOR GAS COST RECOVERY (GCR)</b>			<b>TOTAL FOR CHOICE</b>			<b>TOTAL FOR GAS COST RECOVERY (GCR)</b>		
				75,927.41	14,569.72	134,484.89	5,832.08	38,155.68	75,927.41	14,569.72	134,484.89	5,832.08
<b>CONTROL CK</b>				<b>CONTROL CK</b>			<b>CONTROL CK</b>			<b>CONTROL CK</b>		
positive=recovered-cr 253130				positive=recovered-cr 191400			positive=recovered-cr 191400			positive=recovered-cr 253130		
negative=reduce refund-dr253130				negative=refund-dr 191400			negative=refund-dr 191400			negative=reduce refund-dr253130		

Patten, Dana:  
372,754.5 + 87 + 47 + 61.7

JE ID - KUNBIL AMZ

FT 160,963.6  
Interruptible Transportation: IT01

IT 115,167.0

Grand Total 640,651.6  
ADJUSTED EGC 3,451



**DUKE ENERGY COMPANY KENTUCKY  
DETERMINATION OF TOTAL SUPPLY COST  
MONTH OF MAY 2016**

<u>DESCRIPTION</u>	<u>W/P</u>	<u>TOTAL AMOUNT ROUNDED</u>
<u>PRIMARY GAS SUPPLY COST</u>		\$
current month estimate	B1	1,226,058.46
adjustments from prior month	B2	(4,614.02)
Interruptible Transportation monthly charges by Gas Supply - PA	C	<u>179.66</u>
		1,221,624
 <u>LESS: RATE SCHEDULE CF CREDIT</u>		
current month		0.00
adjustments		<u>0.00</u>
		0
 <u>PLUS: INCLUDABLE PROPANE</u>		
a/c 728-3 Erlanger	D2	16,643.15
		16,643
 <u>PLUS: GAS COST UNCOLLECTIBLE</u>		
	J	(5,307.00)
		(5,307)
 <u>LESS: X-5 TARIFF</u>		0.00
		0
 <u>LESS Tenaska MANAGEMENT FEE</u>		68,900.00
	F	(68,900)
 <u>LESS: TOP TRANSP. RECOVERIES</u>		0.00
		0
 <u>LESS: GAS LOSSES - DAMAGED LINES</u>		0.00
	G	<u>0.00</u>
		0
adjustments		0.00
		<u>0.00</u>
		0
 <u>LESS: GAS COST CREDIT</u>		0.00
		0
 <u>LESS: FIRM TRANSPORTATION ADJUSTMENTS</u>		
current month		0.00
adjustments		<u>0.00</u>
		0
 <b>TOTAL SUPPLY COSTS</b>		 <u><u>1,164,060</u></u>

**ACCOUNTING ENTRY FOR DEFERRAL ONLY**

<u>ACCOUNTING ENTRY FOR DEFERRAL ONLY</u>	<u>AMOUNT</u>
ACCTS: 191990 - Unrecv PG - Asset /191400 - Unrecv PG\$ - Liabl	(63,679.16)
ACCOUNT 0805002 - Unrecv PG Adj - Expense	63,679.16

PURCHASED GAS ADJUSTMENT

SCHEDULE III

COMPANY NAME: DUKE ENERGY COMPANY KENTUCKY

ACTUAL ADJUSTMENT

DETAILS FOR THE MONTH MAY 2016

<u>PARTICULARS</u>	<u>UNIT</u>	<u>W/P</u>	<u>MONTH MAY 2016</u>
<u>SUPPLY VOLUME PER BOOKS</u>			
Primary Gas Suppliers	MCF	B1	354,054
Utility Production	MCF		0
Includable Propane	MCF	D1	1,296
Other Volumes (Specify) - Previous Month Adj.	MCF	B2	(3,211)
<b>TOTAL SUPPLY VOLUMES</b>	<b>MCF</b>		<b>352,139</b>
<u>SUPPLY COST PER BOOKS</u>			
Primary Gas Suppliers	\$	A1	1,221,624
Includable Propane	\$		16,643
Gas Cost Uncollectible	\$	A1	(5,307)
Other Cost (Specify) - Gas Cost Credit	\$		0
- Unacct'd for Transp.	\$		0
- CF Credit	\$		0
- X-5 Tariff	\$		0
- CMT Management Fee	\$	A1	(68,900)
- Losses-Damaged Lines	\$	A1	0
- Gas Sold to Remarketers	\$		0
- TOP Transp. Recoveries	\$		0
<b>TOTAL SUPPLY COST</b>	<b>\$</b>	<b>A1</b>	<b>1,164,060</b>
<u>SALES VOLUMES</u>			
Jurisdictional - Retail	MCF	H	355,749.50
Non-Jurisdictional	MCF		
Other Volumes (Specify) -	MCF		
<b>TOTAL SALES VOLUME</b>	<b>MCF</b>		<b>355,749.5</b>
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF		3.272
LESS: EGC IN EFFECT FOR MONTH	\$/MCF	H	3.451
DIFFERENCE	\$/MCF		(0.179)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF		355,749.5
<b>MONTHLY COST DIFFERENCE</b>	<b>\$</b>		<b>(63,679.16)</b>

DUKE ENERGY COMPANY KENTUCKY

MAY 2016

	<u>Applied</u> <u>MCF Sales</u>	<u>W/P</u>	<u>Amount</u>	<u>\$/MCF</u>
<b><u>GAS FUEL ADJUSTMENT BILLED</u></b>				
EGC - Retail	355,749.5	H	1,227,693	3.45100328
RA		H	0	
AA		H	(38,156)	
BA		H	(21,876)	
TOTAL GAS COST RECOVERY(GCR)			<u>1,167,661.44</u>	
TOTAL SALES VOLUME	355,749.5			
LESS: NON-JURISDICTIONAL SALES	<u>0.0</u>			
JURISDICTIONAL SALES	<u>355,749.5</u>			
<b><u>PROOF OF UNRECOVERED PURCHASED GAS COST ENTRY</u></b>				
SUPPLIER COST - CURRENT MONTH	355,749.5		1,164,060.00	3.27213390
UNRECOVERED PURCHASED GAS COST			25,523.48	
ROUNDING(ADD/(DEDUCT))			<u>(46.47)</u>	
TOTAL GAS COST IN REVENUE			<u>1,189,537.01</u>	
TOTAL GAS COST RECOVERY(GCR)			1,167,661.44	
LESS: RA			0.00	
BA			<u>(21,875.57)</u>	
PLUS: COST OF NON-JURISDICTIONAL SALES			<u>1,145,785.87</u>	
UNRECOVERED PURCHASED GAS COST ENTRY			25,523.48	
LESS: AA			<u>(38,155.68)</u>	
MONTHLY COST DIFFERENCE			63,679.16	
EXTENDED MONTHLY COST DIFFERENCE			<u>63,632.69</u>	
ROUNDING			<u>(46.47)</u>	

