



DUKE ENERGY CORPORATION  
139 East Fourth St.  
P.O. Box 960  
Cincinnati, OH 45201-0960

**RECEIVED**

**SEP 10 2009**

**PUBLIC SERVICE  
COMMISSION**

September 10, 2009

Kentucky Public Service Commission  
Attn: Mr. Jeff Derouen, Executive Director  
211 Sower Boulevard  
Frankfort, Kentucky 40602

2009-00366

Dear Mr. Derouen:

Enclosed for filing are an original and four (4) conformed copies of Duke Energy Kentucky's ("Duke") "Monthly Report of Gas Cost Calculations and Tariff Schedules," for the month commencing with the October 2009 revenue month in accordance with KPSC order dated November 6, 2003 in Case No. 2003-00386. This filing is based on supplier tariff rates expected to be in effect on September 30, 2009 and the NYMEX on September 8, 2009 for the month of October 2009.

The above described schedules and GCA are effective with the final meter readings of District 1, October 2009 revenue month (i.e., final meter readings on and after September 30, 2009).

Duke's proposed GCA is \$5.402 per Mcf. This rate represents a decrease of \$1.274 per Mcf from the rate currently in effect for September 2009.

Please stamp "FILED" on the additional enclosed copy and return for our file. Thank you.

Very truly yours,

Dana Patten

Enclosure

COMPANY NAME: DUKE ENERGY KENTUCKY, INC.  
GAS COST ADJUSTMENT CLAUSE RATE CALCULATIONS  
SUPPLEMENTAL MONTHLY REPORT

PARTICULARS	UNIT	AMOUNT
EXPECTED GAS COST (EGC)	\$/MCF	5.200
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.005)
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.331
BALANCE ADJUSTMENT (BA)	\$/MCF	(0.124)
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA +BA	\$/MCF	<u>5.402</u>

GAS COST RECOVERY RATE EFFECTIVE DATES: September 30, 2009 THROUGH October 28, 2009

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	5.200

SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000
PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000
SECOND PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	(0.005)
THIRD PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	<u>0.000</u>
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.005)

ACTUAL ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	(0.298)
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.034)
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.723
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	<u>(0.060)</u>
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.331

BALANCE ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.004
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.032)
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.001
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	<u>(0.097)</u>
BALANCE ADJUSTMENT (BA)	\$/MCF	(0.124)

THIS MONTHLY REPORT FILED PURSUANT TO CASE NO. 2003-00386  
OF THE KENTUCKY PUBLIC SERVICE COMMISSION DATED November 6, 2003

DATE FILED: September 10, 2009

BY: DON WATHEN  
TITLE: DIRECTOR, RATES

**PURCHASED GAS ADJUSTMENT**  
**COMPANY NAME: DUKE ENERGY KENTUCKY, INC.**

**SUPPLEMENTAL MONTHLY REPORT**

**EXPECTED GAS COST RATE CALCULATION**

DETAILS FOR THE EGC RATE IN EFFECT AS OF  
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED

September 30, 2009  
August 31, 2010

**DEMAND (FIXED) COSTS:**

	\$
Columbia Gas Transmission Corp.	2,604,075
Texas Gas Transmission	490,750
Tennessee Gas Pipeline	1,059,993
Columbia Gulf Transmission Corp.	925,578
K O Transmission Company	307,584
Gas Marketers	34,019
<b>TOTAL DEMAND COST:</b>	<u>5,421,999</u>

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES: 10,231,708 MCF

DEMAND (FIXED) COMPONENT OF EGC RATE \$5,421,999 / 10,231,708 MCF **\$0.530 /MCF**

**COMMODITY COSTS:**

Gas Marketers	\$4.670 /MCF
Gas Storage	/MCF
Columbia Gas Transmission	\$0.000 /MCF
Propane	<u>\$0.000 /MCF</u>
<b>COMMODITY COMPONENT OF EGC RATE:</b>	<u><b>\$4.670</b></u>

**TOTAL EXPECTED GAS COST: \$5.200 /MCF**

**GAS COST ADJUSTMENT  
DUKE ENERGY KENTUCKY, INC.**

**DETAILS FOR THE EGC RATE IN EFFECT AS OF : September 30, 2009**



**GAS COMMODITY RATE FOR OCTOBER, 2009:**

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$4.4164	\$/Dth
DUKE ENERGY KENTUCKY FUEL	2.900%	\$0.1281	\$4.5445	\$/Dth
DTH TO MCF CONVERSION	1.0277	\$0.1259	\$4.6704	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100%		\$4.6704	\$/Mcf
<b>GAS MARKETERS COMMODITY RATE</b>			<b>\$4.670</b>	<b>\$/Mcf</b>

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE			\$6.5899	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$6.6052	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	2.129%	\$0.1406	\$6.7458	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0195	\$6.7653	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0017	\$6.7670	\$/Dth
DUKE ENERGY KENTUCKY FUEL	2.900%	\$0.1962	\$6.9632	\$/Dth
DTH TO MCF CONVERSION	1.0277	\$0.1929	\$7.1561	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.0000		\$0.0000	\$/Mcf
<b>GAS STORAGE COMMODITY RATE - COLUMBIA GAS</b>			<b>\$0.000</b>	<b>\$/Mcf</b>

PROPANE :

ERLANGER PROPANE INVENTORY RATE			\$0.42913	\$/Gallon
GALLON TO MCF CONVERSION	14.84	\$5.9392	\$6.3683	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.0000		\$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 9/08/2009 and contracted hedging prices.

**INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED**

	<u>Sheet No.</u>	<u>Billing Effective Date</u>	<u>Effective Date per Order</u>	
<b><u>SERVICE REGULATIONS</u></b>				
Service Agreements.....	20	10/01/06	10/01/06	
Supplying and Taking of Service.....	21	10/01/06	10/01/06	
Customer's Installation.....	22	10/01/06	10/01/06	
Company's Installation.....	23	10/01/06	10/01/06	
Metering.....	24	10/01/06	10/01/06	
Billing and Payment.....	25	10/01/06	10/01/06	
Deposits.....	26	10/01/06	10/01/06	
Application.....	27	10/01/06	10/01/06	
Gas Space Heating Regulations.....	28	10/01/06	10/01/06	
Availability of Gas Service.....	29	10/01/06	10/01/06	
<b><u>FIRM SERVICE TARIFF SCHEDULES</u></b>				
Rate RS, Residential Service.....	30	09/30/09	09/30/09	(T)
Rate GS, General Service.....	31	09/30/09	09/30/09	(T)
Reserved for Future Use.....	32			
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Rate FRAS, Full Requirements Aggregation Service.....	44	10/01/06	10/01/06	
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<b><u>TRANSPORTATION TARIFF SCHEDULE</u></b>				
Rate IT, Interruptible Transportation Service.....	50	10/01/06	10/01/06	
Purchased Service.....	50	10/01/06	10/01/06	
Summer Minimum Service.....	50	10/01/06	10/01/06	
Unauthorized Delivery.....	50	10/01/06	10/01/06	
Rate FT-L, Firm Transportation Service.....	51	10/01/06	10/01/06	
FT Bills – No GCRT.....	51	10/01/06	10/01/06	
FT Bills – With GCRT.....	51	10/01/06	10/01/06	
FT - Interruptible Bills – No GCRT on FT over 1 Year.....	51	10/01/06	10/01/06	
FT - Interruptible Bills – GCRT on FT Under 1 Year.....	51	10/01/06	10/01/06	
Reserved for Future Use.....	52			

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. \_\_\_\_\_.

Issued:

Issued by Julie Janson, President

Effective: September 30, 2009

**INDEX TO APPLICABLE GAS TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)**

	<u>Sheet No.</u>	<u>Billing Effective Date</u>	<u>Effective Date per Order</u>
<b><u>TRANSPORTATION TARIFF SCHEDULES (Contd.)</u></b>			
Rate SSIT, Spark Spread Interruptible Transportation Rate.....	53	10/01/06	10/01/06
Reserved for Future Use.....	54		
Rate AS, Pooling Service for Interruptible Transportation.....	55	10/01/06	10/01/06
Reserved for Future Use.....	56		
Rate GTS, Gas Trading Service.....	57	10/01/06	10/01/06
Rate IMBS, Interruptible Monthly Balancing Service.....	58	10/01/06	10/01/06
Imbalance Trades.....	58	10/01/06	10/01/06
Cash Out – Sell to Pool.....	58	10/01/06	10/01/06
Cash Out – Buy from Pool.....	58	10/01/06	10/01/06
Pipeline Penalty.....	58	10/01/06	10/01/06
Rate DGS, Distributed Generation Service.....	59	10/01/06	10/01/06
<b><u>RIDERS</u></b>			
Rider X, Main Extension Policy.....	60	10/01/06	10/01/06
Rider DSM, Demand Side Management Cost Recovery Program	61	10/01/06	10/01/06
Rider DSMR, Demand Side Management Rate.....	62	05/14/09	05/14/09
Rider AMRP, Accelerated Main Replacement Program Rider.....	63	10/01/06	10/01/06
Rider MSR-G.....	64	10/01/06	10/01/06
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Rider GCAT, Gas Cost Adjustment Transition Rider.....	77	08/31/09	08/31/09
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Effective: September 30, 2009

Duke Energy Kentucky, Inc.  
1697-A Monmouth Street  
Newport, Kentucky 41071

KY.P.S.C. Gas No. 2  
Thirty-Sixth Revised Sheet No. 30  
Cancelling and Superseding  
Thirty-Fifth Revised Sheet No. 30  
Page 1 of 1

**RATE RS  
RESIDENTIAL SERVICE**

**APPLICABILITY**

Applicable to firm natural gas service, which is comprised of commodity gas supply and local delivery service, required for all domestic purposes in private residences, single occupancy apartments, and common use areas of multi-occupancy buildings, when supplied at one point of delivery where distribution mains are adjacent to the premises to be served.

**NET MONTHLY BILL**

The Net Monthly Bill is determined as follows:  
All gas is billed in units of 100 cubic feet (CCF).

Customer Charge per month: \$12.00  
Plus the applicable charge per month as set forth on Sheet No. 63,  
Rider AMRP, Accelerated Main Replacement Program

	<u>Delivery Rate</u>		<u>Gas Cost Adjustment</u>		<u>Total Rate</u>
Plus a commodity Charge for all CCF at	\$0.26687	plus	\$0.5402	Equals	\$0.80707

(R)

Plus, all delivered gas shall be subject to an adjustment per CCF as set forth on Sheet No. 62, Rider DSMR, Demand Side Management Rate.

Plus, all gas delivered shall be subject to an adjustment per CCF as set forth on Sheet No. 64, Rider MSR-G, Merger Savings Credit Rider-Gas.

The "Customer Charge" shown above plus Rider AMRP shall be the minimum amount billed each month.

The "Gas Cost Adjustment" as shown above, is an adjustment per 100 cubic feet determined in accordance with the "Gas Cost Adjustment Clause" set forth on Sheet No. 70 of this tariff.

When bills are rendered less frequently than monthly the time related units such as cubic feet blocks, minimum or other charges, will be billed in accordance with the number of billing months in the meter reading interval.

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**SERVICE REGULATIONS**

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. \_\_\_\_\_.

Issued:

Effective: September 30, 2009

Issued by Julie Janson, President

**RATE GS**

**GENERAL SERVICE**

**APPLICABILITY**

Applicable to firm natural gas service, which is comprised of commodity gas supply and local delivery service, required for any purpose by an individual non-residential customer at one location when supplied at one point of delivery where distribution mains are adjacent to the premises to be served. This schedule is also applicable to non-metered natural gas commodity supplies and local delivery service for street lighting to such entities as certificated homeowners associations, businesses, and federal, state, and local governments. The Company may decline requests for service under this tariff due to gas supply limitations.

**NET MONTHLY BILL**

The Net Monthly Bill is determined as follows:  
All gas is billed in units of 100 cubic feet (CCF)

Customer Charge per month: \$30.00  
Plus the applicable charge per month as set forth on Sheet No. 63,  
Rider AMRP, Accelerated Main Replacement Program

	<u>Delivery Rate</u>		<u>Gas Cost Adjustment</u>		<u>Total Rate</u>
Plus a Commodity Charge for all CCF at	\$0.20949	Plus	\$0.5402	Equals	\$0.74969

**(R)**

Plus all delivered gas shall be subject to an adjustment per CCF as set forth on:  
Sheet No. 62, Rider DSMR, Demand Side Management Rate for non-residential service

The "Customer Charge" shown above plus Rider AMRP shall be the minimum amount billed per month.

The "Gas Cost Adjustment," as shown above, is an adjustment per 100 cubic feet determined in accordance with the "Gas Cost Adjustment Clause" set forth on Sheet No. 70 of this tariff.

When bills are rendered less frequently than monthly the time related units such as cubic feet blocks, minimum bills or other charges, will be billed in accordance with the number of billing months in the meter reading interval.

**LATE PAYMENT CHARGE**

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

**TERM OF SERVICE**

One year, terminable thereafter on ten (10) days written notice by either customer or Company.

**SERVICE REGULATIONS**

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission as provided by law.

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