BY: DON WATHEN

Rates & Regulatory Strategy - OH/KY

TITLE: DIRECTOR,

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

	OFFLEMENTAL MONTHLY REPOR	NI		
PARTICULARS			UNIT	AMOUNT
EXPECTED GAS COST (EGC)			\$/MCF	3.433
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)			\$/MCF	0.000
ACTUAL ADJUSTMENT (AA)			\$/MCF	(0.111)
BALANCE ADJUSTMENT (BA)			\$/MCF	(0.060)
GCR) = EGC + RA + AA +BA			\$/MCF	3.262
			ψηνισι	3.202
GAS COST RECOVERY RATE EFFECTIVE DATES:	May 2, 2016	May 31, 2016		
E	XPECTED GAS COST CALCULATI	ON		
DESCRIPTION			UNIT	AMOUNT
FOTAL EXPECTED GAS COST COMPONENT (EGC)	· 17 7		\$/MCF	3.433
SUPPLIER REFUND AND	RECONCILIATION ADJUSTMENT	SUMMARY CALCULATION		
PARTICULARS			UNIT	AMOUNT
CURRENT QUARTERLY SUPPLIER REFUND & RECONCILIATION A	DJUSTMENT	£	\$/MCF	0.000
PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECON	CILIATION ADJUSTMENT		\$/MCF	0.000
SECOND PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT			\$/MCF	0.000
THIRD PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT			\$/MCF	0.000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)			\$/MCF	0.000
ACTUA	L ADJUSTMENT SUMMARY CALC	ULATION		
PARTICULARS			UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT			\$/MCF	0.202
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT			\$/MCF	0.040
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTME	NT		\$/MCF	(0.369)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	•		\$/MCF	0.016
ACTUAL ADJUSTMENT (AA)			\$/MCF	(0.111)
BALANG	CE ADJUSTMENT SUMMARY CALC	CIII ATION		
BALAIN	SE ADJOSTMENT SOMMANT GALV	DOLATION		
PARTICULARS			UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT			\$/MCF	0,000
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT			\$/MCF	0.028
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTME			\$/MCF	(0.045)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	•		\$/MCF	(0.043)
BALANCE ADJUSTMENT (BA)			\$/MCF	(0.060)

2003-00386

November 6, 2003

THIS MONTHLY REPORT FILED PURSUANT TO CASE NO.

DATE FILED:

OF THE KENTUCKY PUBLIC SERVICE COMMISSION DATED

April 11, 2016

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

SUPPLEMENTAL MONTHLY REPORT

EXPECTED GAS COST RATE CALCULATION

DETAILS FOR THE EGG PROJECTED VOLUME FOR THE TWELV DEMAND (FIXED) COSTS: Columbia Gas Transmission Corp. Texas Gas Transmission Corp. K O Transmission Company ANR Pipeline Gas Marketers					May 2, 2016 February 28, 2017 \$ 3,147,310 684,090 1,223,775 307,584 911,370 108,239	-
TOTAL DE	EMAND COST:				6,382,368	-
PROJECTED GAS SALES LESS SPECIAL CONTRAC	CT IT PURCHASES:		10,611,595	MCF		
DEMAND (FIXED) COMPONENT OF EGC RATE	\$6,382,368	1	10,611,595	MCF	\$0.601	/MCF
COMMODITY COSTS: Gas Marketers Gas Storage Columbia Gas Transmission ANR Propane COMMODITY COMPONENT OF EGC RATE:					\$2.787 \$0.000 \$0.000 \$0.000 \$2.787	/MCF /MCF
OTHER COSTS: Net Charge Off (1)	\$17,952	1	396,860		\$0.045	/MCF
TOTAL EXPECTED GAS COST:					\$3.433	_/MCF

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

GAS COST ADJUSTMENT DUKE ENERGY KENTUCKY, INC.

DETAILS FOR THE EGC RATE IN EFFECT AS OF : May 2, 2016

GAS COMMODITY RATE FOR MAY 2016:			•	
GAS MARKETERS: WEIGHTED AVERAGE GAS COST @ CITY GATE (S DUKE ENERGY KENTUCKY FUEL DTH TO MCF CONVERSION ESTIMATED WEIGHTING FACTOR GAS MARKETERS COMMODITY RA	1.400% 1.0787 100.000%	\$0.0357 \$0.2033	\$2.5481 \$2.5838 \$2.7871 \$2.7871 \$2.787	\$/Dth \$/Dth \$/Mcf \$/Mcf
GAS STORAGE: COLUMBIA GAS TRANS STORAGE INVENTORY COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE COLUMBIA GAS TRANS. SST FUEL COLUMBIA GAS TRANS SST COMMODITY RATE KO TRANS, COMMODITY RATE DUKE ENERGY KENTUCKY FUEL DTH TO MCF CONVERSION ESTIMATED WEIGHTING FACTOR GAS STORAGE COMMODITY RATE	2.042% 1.400% 1.0787 0.000%	\$0.0153 \$0.0697 \$0.0179 \$0.0014 \$0.0490 \$0.2796	\$3.3990 \$3.4143 \$3.4840 \$3.5019 \$3.5033 \$3.5523 \$3.8319 \$0.0000 \$0.000	\$/Dth \$/Dth \$/Dth \$/Dth \$/Dth \$/Dth \$/Mcf \$/Mcf
GAS STORAGE ANR - STORAGE INVENTORY RATE ANR FSS WITHDRAWAL FEE ANR FTS FUEL DTH TO MCF CONVERSION ESTIMATED WEIGHTING FACTOR GAS STORAGE COMMODITY RATE	1.130% 1.0787 0.000% - ANR	\$0.0118 \$0.0348 \$0.2452	\$3.0687 \$3.0805 \$3.1153 \$3.3605 \$0.0000	\$/Dth \$/Dth \$/Dth \$/Mcf \$/Mcf
PROPANE: ERLANGER PROPANE INVENTORY RATE GALLON TO MCF CONVERSION ESTIMATED WEIGHTING FACTOR PROPANE COMMODITY RATE	15.38 0.0000%	\$12.5139	\$0.87023 \$13.3841 \$0.0000 \$0.000	\$/Gallon \$/Mcf \$/Mcf \$/Mc f

⁽¹⁾ Weighted average cost of gas based on NYMEX prices on 4/07/2016 and contracted hedging prices.