



Duke Energy
139 E. Fourth Street
Cincinnati, OH 45202

October 9, 2017

Public Utilities Commission of Ohio
ATTN: Docketing Division
11th Floor
180 East Broad Street
Columbus, Ohio 43215-3793

Docketing Division:

Enclosed for filing is the Duke Energy Ohio ("Duke") gas cost recovery (GCR) report, as required by Section 4901:1-14, O.A.C., for the month commencing November 2017. This filing is based on supplier tariff rates expected to be in effect on October 30, 2017 and the NYMEX close of October 5, 2017 for the month of November 2017.

Duke's GCR rate effective November 2017 is \$4.415 per MCF, which represents a decrease of \$0.365 per MCF from the current GCR rate in effect for October 2017.

Very truly yours,

A handwritten signature in black ink that reads "Douglas J. Heitkamp". The signature is written in a cursive, flowing style.

Douglas J. Heitkamp

Enclosure

cc: Mr. Robert Clark
J. Kern

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COMPANY NAME: DUKE ENERGY OHIO
GAS COST RECOVERY RATE CALCULATIONS
SUPPLEMENTAL MONTHLY REPORT

PARTICULARS	UNIT	AMOUNT
EXPECTED GAS COST (EGC)	\$/MCF	4.048000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.007000)
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.374000
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	4.415000

GAS COST RECOVERY RATE EFFECTIVE DATES: October 30, 2017 THROUGH November 29, 2017

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	4.048000

SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	(0.007000)
PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000000
SECOND PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000000
THIRD PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.007000)

ACTUAL ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	(0.060000)
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.109000)
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.438000
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.105000
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.374000

THIS MONTHLY REPORT FILED PURSUANT TO ORDER NO. 76-515-GA-ORD
OF THE PUBLIC UTILITIES COMMISSION OF OHIO, DATED OCTOBER 18, 1979.

DATE FILED October 9, 2017

BY: DON WATHEN

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

PURCHASED GAS ADJUSTMENT
COMPANY NAME: DUKE ENERGY OHIO

SUPPLEMENTAL MONTHLY REPORT

EXPECTED GAS COST RATE CALCULATION

DETAILS FOR THE EGC RATE IN EFFECT AS OF October 30, 2017
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED August 31, 2018

<u>DEMAND COSTS</u>	DEMAND EXPECTED GAS COST AMT (\$)	MISC EXPECTED GAS COST AMT (\$)	TOTAL DEMAND EXPECTED GAS COST AMT (\$)
INTERSTATE PIPELINE SUPPLIERS (SCH. I-A)			
Columbia Gas Transmission Corp.	18,371,303	0	18,371,303
Duke Energy Kentucky	522,072	0	522,072
Columbia Gulf Transmission Co.	2,389,275	0	2,389,275
Texas Gas Transmission Corp.	5,017,745	0	5,017,745
K O Transmission Company	4,698,624	0	4,698,624
Tennessee Gas	706,867	0	706,867
PRODUCER/MARKETER (SCH. I - A)	147,457	0	147,457
SYNTHETIC (SCH. I - A)			
OTHER GAS COMPANIES (SCH. I - B)			
OHIO PRODUCERS (SCH. I - B)			
SELF-HELP ARRANGEMENTS (SCH. I - B)		(17,778,203)	(17,778,203)
SPECIAL PURCHASES (SCH. I - B)			
TOTAL DEMAND COSTS:	31,853,343	(17,778,203)	14,075,140
PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:			18,990,475
DEMAND (FIXED) COMPONENT OF EGC RATE:			\$0.741
<u>COMMODITY COSTS:</u>			
GAS MARKETERS			\$2.581
GAS STORAGE			\$0.434
COLUMBIA GAS TRANSMISSION			\$0.150
TEXAS GAS TRANSMISSION			\$0.013
PROPANE			\$0.129
STORAGE CARRYING COSTS			\$3.307
COMMODITY COMPONENT OF EGC RATE:			\$4.048
TOTAL EXPECTED GAS COST:			\$4.048

**PURCHASED GAS ADJUSTMENT
COMPANY NAME: DUKE ENERGY OHIO**

SUPPLEMENTAL MONTHLY REPORT

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF October 30, 2017 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED August 31, 2018

SUPPLIER OR TRANSPORTER NAME Commodity Costs
TARIFF SHEET REFERENCE _____
EFFECTIVE DATE OF TARIFF _____ RATE SCHEDULE NUMBER _____
TYPE GAS PURCHASED ☒ NATURAL ☐ LIQUIFIED ☐ SYNTHETIC
UNIT OR VOLUME TYPE ☐ MCF ☐ CCF ☐ OTHER
PURCHASE SOURCE ☒ INTERSTATE ☐ INTRASTATE

GAS COMMODITY RATE FOR NOVEMBER 2017:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$2.8528	\$/Dth
DUKE ENERGY OHIO FUEL	0.900%	\$0.0257	\$2.8785	\$/Dth
DTH TO MCF CONVERSION	1.0743	\$0.2139	\$3.0924	\$/Mcf
ESTIMATED WEIGHTING FACTOR	83.463%		\$2.5810	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$2.581	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS - STORAGE INVENTORY RATE (Not applicable during injection months)			\$3.3556	\$/Dth
COLUMBIA GAS TRANS FSS WITHDRAWAL FEE		\$0.0153	\$3.3709	\$/Dth
COLUMBIA GAS TRANS SST FUEL	1.432%	\$0.0483	\$3.4192	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0222	\$3.4414	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0013	\$3.4427	\$/Dth
DUKE ENERGY OHIO FUEL	0.900%	\$0.0310	\$3.4737	\$/Dth
DTH TO MCF CONVERSION	1.0743	\$0.2581	\$3.7318	\$/Mcf
ESTIMATED WEIGHTING FACTOR	11.633%		\$0.4341	\$/Mcf
GAS STORAGE COMMODITY RATE - COLUMBIA GAS			\$0.434	\$/Mcf
TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE (Not applicable during payback months)			\$2.8313	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0627	\$2.8940	\$/Dth
DUKE ENERGY OHIO FUEL	0.900%	\$0.0260	\$2.9200	\$/Dth
DTH TO MCF CONVERSION	1.0743	\$0.2170	\$3.1370	\$/Mcf
ESTIMATED WEIGHTING FACTOR	4.777%		\$0.1499	\$/Mcf
GAS STORAGE COMMODITY RATE - TEXAS GAS			\$0.150	\$/Mcf

PROPANE :

WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.68675	\$/Gal
GALLON TO MCF CONVERSION	15.38	\$9.8754	\$10.5622	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.127%		\$0.0134	\$/Mcf
PROPANE COMMODITY RATE			\$0.013	\$/Mcf

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 10/5/2017 and contracted hedging prices.

**PURCHASED GAS ADJUSTMENT
COMPANY NAME: DUKE ENERGY OHIO**

SUPPLEMENTAL MONTHLY REPORT

ESTIMATED COST OF GAS INJECTED AND WITHDRAWN FROM STORAGE

Details for the EGC Rate in Effect as of October 30, 2017

<u>Month</u>	<u>Beginning Storage Inventory</u>	<u>Monthly Storage Activity</u>			<u>Ending Storage Inventory</u>
		<u>Injected</u>	<u>Withdrawn</u>	<u>Financial Hedges</u>	
September 2017	\$24,729,633	\$3,669,789		\$0	\$28,399,422
October 2017	\$28,399,422	\$392,334		\$0	\$28,791,756
November 2017	\$28,791,756	\$0	\$1,431,431	\$0	\$27,360,325

**PURCHASED GAS ADJUSTMENT
COMPANY NAME: DUKE ENERGY OHIO**

SUPPLEMENTAL MONTHLY REPORT

ESTIMATED CONTRACT STORAGE CARRYING COSTS

Details for the EGC Rate in Effect as of October 30, 2017

Line No.	Ending Storage Balance Month	Estimated		Avg. Storage		Estimated Monthly MCF	\$/MCF
		Ending Storage Inventory (Schedule I - C)	Average Monthly Storage Inventory Balance	Balance times Monthly Cost of Capital (1)			
1	September 2017	\$28,399,422		0.8333%			
2	October 2017	\$28,791,756	\$28,595,589				
3	November 2017	\$27,360,325	\$28,076,041	\$233,958	1,815,585	\$0.129	

Note (1): 10% divided by 12 months = 0.8333%

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

10/10/2017 10:40:47 AM

in

Case No(s). 17-0218-GA-GCR, 89-8002-GA-TRF

Summary: Tariff Duke Energy Ohio GCR November 2017 (2) electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Heitkamp, Douglas J. and Lee, Julie Ann Mrs.