



Duke Energy
139 E. Fourth Street
Cincinnati, OH 45202

March 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 April 2017. This filing is based on supplier tariff rates expected to be in effect on March 31, 2017 and the NYMEX close of March 7, 2017 for the month of April 2017.

Duke's GCR rate effective April 2017 is \$4.709 per MCF, which represents a decrease of \$0.354 per MCF from the current GCR rate in effect for March 2017.

Very truly yours,

A handwritten signature in cursive script that reads 'Dana Patten'.

Dana Patten

Enclosure

cc: Mr. Robert Clark
L. Schmidt

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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	4.346000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	0.000000
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.363000
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	4.709000

GAS COST RECOVERY RATE EFFECTIVE DATES: March 31, 2017 THROUGH May 1, 2017

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	4.346000

SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000000
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	0.000000

ACTUAL ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.438000
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.105000
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.191000)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.011000
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.363000

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: March 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 March 31, 2017
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 28, 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	5,777,894	0	5,777,894
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)		(12,648,195)	(12,648,195)
SPECIAL PURCHASES (SCH. I - B)			
TOTAL DEMAND COSTS:	32,932,613	(12,648,195)	20,284,418

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES: 18,923,522 MCF
DEMAND (FIXED) COMPONENT OF EGC RATE: \$1.072 /MCF

COMMODITY COSTS:

GAS MARKETERS \$3.214 /MCF
GAS STORAGE /MCF
 COLUMBIA GAS TRANSMISSION \$0.000 /MCF
 TEXAS GAS TRANSMISSION \$0.000 /MCF
PROPANE \$0.000 /MCF
STORAGE CARRYING COSTS \$0.060 /MCF
COMMODITY COMPONENT OF EGC RATE: \$3.274

TOTAL EXPECTED GAS COST: \$4.346 /MCF

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

SUPPLEMENTAL MONTHLY REPORT

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF March 31, 2017 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 28, 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 APRIL 2016:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$2.9502	\$/Dth
DUKE ENERGY OHIO FUEL	1.300%	\$0.0384	\$2.9886	\$/Dth
DTH TO MCF CONVERSION	1.0753	\$0.2250	\$3.2136	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100.000%		\$3.2136	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$3.214	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE (Not applicable during injection months)			\$3.4311	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$3.4464	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.432%	\$0.0494	\$3.4958	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0179	\$3.5137	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0013	\$3.5150	\$/Dth
DUKE ENERGY OHIO FUEL	1.300%	\$0.0457	\$3.5607	\$/Dth
DTH TO MCF CONVERSION	1.0753	\$0.2681	\$3.8288	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
GAS STORAGE COMMODITY RATE - COLUMBIA GAS			\$0.000	\$/Mcf
TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE (Not applicable during payback months)			\$2.9719	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0627	\$3.0346	\$/Dth
DUKE ENERGY OHIO FUEL	1.300%	\$0.0394	\$3.0740	\$/Dth
DTH TO MCF CONVERSION	1.0753	\$0.2315	\$3.3055	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
GAS STORAGE COMMODITY RATE - TEXAS GAS			\$0.000	\$/Mcf

PROPANE :

WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.68664	\$/Gal
GALLON TO MCF CONVERSION	15.38	\$9.8739	\$10.5605	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
PROPANE COMMODITY RATE			\$0.000	\$/Mcf

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 3/7/2017 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

March 31, 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>	
February 2017	\$14,621,559	\$0	\$3,578,240	\$0	\$11,043,319
March 2017	\$11,043,319	\$0	\$3,491,460	\$0	\$7,551,859
April 2017	\$7,551,859	\$1,747,478		\$0	\$9,299,337

**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 March 31, 2017

Line No.	Ending Storage Balance Month	Estimated	Avg. Storage			
		Ending Storage Inventory (Schedule I - C)	Average Monthly Storage Inventory Balance	Balance times Monthly Cost of Capital (1)	Estimated Monthly MCF	\$/MCF
1	February 2017	\$11,043,319		0.8333%		
2	March 2017	\$7,551,859	\$9,297,589			
3	April 2017	\$9,299,337	\$8,425,598	\$70,211	1,177,733	\$0.060

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

3/9/2017 10:46:53 AM

in

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

Summary: Tariff Duke Energy Ohio GCR April 2017 electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Patten, Dana and Lee, Julie Ann Mrs.