



Duke Energy
139 E. Fourth Street
Cincinnati, OH 45202

April 10, 2018

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 May 2018. This filing is based on supplier tariff rates expected to be in effect on May 1, 2018 and the NYMEX close of April 6, 2018 for the month of May 2018.

Duke's GCR rate effective May 2018 is \$4.354 per MCF, which represents an increase of \$0.087 per MCF from the current GCR rate in effect for April 2018.

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	3.882000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.016000)
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.488000
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	<u>4.354000</u>

GAS COST RECOVERY RATE EFFECTIVE DATES: May 1, 2018 THROUGH May 30, 2018

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	3.882000

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	(0.009000)
SECOND PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	(0.007000)
THIRD PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	<u>(0.016000)</u>

ACTUAL ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.280000
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.377000
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.060000)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.109000)
ACTUAL ADJUSTMENT (AA)	\$/MCF	<u>0.488000</u>

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: April 10, 2018

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 May 1, 2018
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 28, 2019

<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.	19,068,911	0	19,068,911
Duke Energy Kentucky	522,072	0	522,072
Columbia Gulf Transmission Co.	2,389,275	0	2,389,275
Texas Gas Transmission Corp.	5,808,400	0	5,808,400
K O Transmission Company	4,967,117	0	4,967,117
Tennessee Gas	707,040	0	707,040
PRODUCER/MARKETER (SCH. I - A)	137,113	0	137,113
SYNTHETIC (SCH. I - A)			
OTHER GAS COMPANIES (SCH. I - B)			
OHIO PRODUCERS (SCH. I - B)			
SELF-HELP ARRANGEMENTS (SCH. I - B)		(18,777,757)	(18,777,757)
SPECIAL PURCHASES (SCH. I - B)			
TOTAL DEMAND COSTS:	33,599,928	(18,777,757)	14,822,171
PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES			18,385,930
DEMAND (FIXED) COMPONENT OF EGC RATE:			\$0.806
<u>COMMODITY COSTS:</u>			
GAS MARKETERS			\$2.840
GAS STORAGE			\$0.000
COLUMBIA GAS TRANSMISSION			\$0.000
TEXAS GAS TRANSMISSION			\$0.000
PROPANE			\$0.000
STORAGE CARRYING COSTS			\$0.236
COMMODITY COMPONENT OF EGC RATE:			\$3.076
TOTAL EXPECTED GAS COST:			\$3.882

MCF

/MCF

/MCF

/MCF

/MCF

/MCF

/MCF

/MCF

/MCF

PURCHASED GAS ADJUSTMENT
COMPANY NAME: DUKE ENERGY OHIO

SUPPLEMENTAL MONTHLY REPORT

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF May 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 28, 2019

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 MAY 2017:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1)			\$2.6234	\$/Dth
DUKE ENERGY OHIO FUEL	1.000%	\$0.0262	\$2.6496	\$/Dth
DTH TO MCF CONVERSION	1.0719	\$0.1905	\$2.8401	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100.000%		\$2.8401	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$2.840	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE (Not applicable during injection months)			\$3.3634	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$3.3787	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.454%	\$0.0491	\$3.4278	\$/Dth
COLUMBIA GAS TRANS. SST COMMODITY RATE		\$0.0187	\$3.4465	\$/Dth
KO TRANS. COMMODITY RATE		\$0.0013	\$3.4478	\$/Dth
DUKE ENERGY OHIO FUEL	1.000%	\$0.0345	\$3.4823	\$/Dth
DTH TO MCF CONVERSION	1.0719	\$0.2504	\$3.7327	\$/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)			\$2.8577	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0627	\$2.9204	\$/Dth
DUKE ENERGY OHIO FUEL	1.000%	\$0.0292	\$2.9496	\$/Dth
DTH TO MCF CONVERSION	1.0719	\$0.2121	\$3.1617	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
GAS STORAGE COMMODITY RATE - TEXAS GAS			\$0.000	\$/Mcf

PROPANE :

WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.88093	\$/Gal
GALLON TO MCF CONVERSION	15.38	\$12.6677	\$13.5486	\$/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 4/6/2018 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 May 1, 2018

<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 2018	\$12,889,569	\$0	\$5,807,428	\$0	\$7,082,141
March 2018	\$7,082,141	\$1,505,164		\$0	\$8,587,305
April 2018	\$8,587,305	\$3,902,240		\$0	\$12,489,545

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 May 1, 2018

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	February 2018	\$7,082,141		0.8333%			
2	March 2018	\$8,587,305	\$7,834,723				
3	April 2018	\$12,489,545	\$10,538,425	\$87,817	372,498	\$0.236	

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

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in

Case No(s). 18-0218-GA-GCR, 89-8002-GA-TRF

Summary: Tariff Duke Energy GCR May 2018 (2) electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Lee, Julie Ann Mrs. and Heitkamp, Douglas J.