



Duke Energy  
139 E. Fourth Street  
Cincinnati, OH 45202

March 12, 2018

Public Utilities Commission of Ohio  
ATTN: Docketing Division  
11<sup>th</sup> 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 2018. This filing is based on supplier tariff rates expected to be in effect on April 2, 2018 and the NYMEX close of March 8, 2018 for the month of April 2018.

Duke's GCR rate effective April 2018 is \$4.267 per MCF, which represents a decrease of \$0.118 per MCF from the current GCR rate in effect for March 2018.

Very truly yours,

A handwritten signature in black ink, appearing to read "Douglas J. Heitkamp".

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	3.795000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.016000)
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.488000
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	4.267000

GAS COST RECOVERY RATE EFFECTIVE DATES: April 2, 2018 THROUGH April 30, 2018

**EXPECTED GAS COST CALCULATION**

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	3.795000

**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	(0.016000)

**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	0.488000

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 12, 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 April 2, 2018  
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.	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)			
<b>TOTAL DEMAND COSTS:</b>	<b>33,599,928</b>	<b>(18,777,757)</b>	<b>14,822,171</b>

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES: 18,385,930 /MCF  
DEMAND (FIXED) COMPONENT OF EGC RATE: **\$0.806**

**COMMODITY COSTS:**

GAS MARKETERS \$2.907 /MCF  
GAS STORAGE /MCF  
    COLUMBIA GAS TRANSMISSION \$0.000 /MCF  
    TEXAS GAS TRANSMISSION \$0.000 /MCF  
PROPANE \$0.000 /MCF  
STORAGE CARRYING COSTS \$0.082 /MCF  
COMMODITY COMPONENT OF EGC RATE: **\$2.989**

TOTAL EXPECTED GAS COST: **\$3.795** /MCF

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

**SUPPLEMENTAL MONTHLY REPORT**

**PRIMARY GAS SUPPLIER / TRANSPORTER**

DETAILS FOR THE EGC IN EFFECT AS OF April 2, 2018 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 2017:**

**GAS MARKETERS :**

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1)			\$2.6881	\$/Dth
DUKE ENERGY OHIO FUEL	1.000%	\$0.0269	\$2.7150	\$/Dth
DTH TO MCF CONVERSION	1.0707	\$0.1920	\$2.9070	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100.000%		\$2.9070	\$/Mcf
<b>GAS MARKETERS COMMODITY RATE</b>			<b>\$2.907</b>	<b>\$/Mcf</b>

**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		\$0.0209	\$3.4487	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0013	\$3.4500	\$/Dth
DUKE ENERGY OHIO FUEL	1.000%	\$0.0345	\$3.4845	\$/Dth
DTH TO MCF CONVERSION	1.0707	\$0.2464	\$3.7309	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
<b>GAS STORAGE COMMODITY RATE - COLUMBIA GAS</b>			<b>\$0.000</b>	<b>\$/Mcf</b>
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	1.0707	\$0.2085	\$3.1581	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
<b>GAS STORAGE COMMODITY RATE - TEXAS GAS</b>			<b>\$0.000</b>	<b>\$/Mcf</b>

**PROPANE :**

WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.86845	\$/Gal
GALLON TO MCF CONVERSION	15.38	\$12.4883	\$13.3567	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
<b>PROPANE COMMODITY RATE</b>			<b>\$0.000</b>	<b>\$/Mcf</b>

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 3/8/2018 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 April 2, 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	\$16,057,098	\$0	\$3,167,529	\$0	\$12,889,569
March 2018	\$12,889,569	\$0	\$3,524,500	\$0	\$9,365,069
April 2018	\$9,365,069	\$1,505,164		\$0	\$10,870,233

**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 April 2, 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)			
				0.8333%			
1	February 2018	\$12,889,569					
2	March 2018	\$9,365,069	\$11,127,319				
3	April 2018	\$10,870,233	\$10,117,651	\$84,310	1,031,884	\$0.082	

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**

**3/12/2018 2:46:25 PM**

**in**

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

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