



Duke Energy  
139 E. Fourth Street  
Cincinnati, OH 45202

April 11, 2017

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 May 2017. This filing is based on supplier tariff rates expected to be in effect on May 2, 2017 and the NYMEX close of April 7, 2017 for the month of May 2017.

Duke's GCR rate effective May 2017 is \$5.090 per MCF, which represents an increase of \$0.381 per MCF from the current GCR rate in effect for April 2017.

Very truly yours,

A handwritten signature in black ink, appearing to read 'John A. Linton', written over a large, stylized loop.

John Linton

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	4.727000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	0.000000
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.363000
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	<u>5.090000</u>

GAS COST RECOVERY RATE EFFECTIVE DATES: May 2, 2017 THROUGH May 31, 2017

**EXPECTED GAS COST CALCULATION**

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	4.727000

**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	<u>0.000000</u>

**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	<u>0.363000</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 11, 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 May 2, 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)			
<b>TOTAL DEMAND COSTS:</b>	<b>32,932,613</b>	<b>(12,648,195)</b>	<b>20,284,418</b>
PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES			18,923,522
DEMAND (FIXED) COMPONENT OF EGC RATE:			<b>\$1.072</b>
<b>COMMODITY COSTS:</b>			
GAS MARKETERS			\$3.492
GAS STORAGE			
COLUMBIA GAS TRANSMISSION			\$0.000
TEXAS GAS TRANSMISSION			\$0.000
PROPANE			\$0.000
STORAGE CARRYING COSTS			\$0.163
COMMODITY COMPONENT OF EGC RATE:			<b>\$3.655</b>
<b>TOTAL EXPECTED GAS COST:</b>			<b>\$4.727</b>

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 2, 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 MAY 2017:**

**GAS MARKETERS :**

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$3.2211	\$/Dth
DUKE ENERGY OHIO FUEL	0.900%	\$0.0290	\$3.2501	\$/Dth
DTH TO MCF CONVERSION	1.0744	\$0.2418	\$3.4919	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100.000%		\$3.4919	\$/Mcf
<b>GAS MARKETERS COMMODITY RATE</b>			<b>\$3.492</b>	<b>\$/Mcf</b>

**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		\$0.0209	\$3.5167	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0013	\$3.5180	\$/Dth
DUKE ENERGY OHIO FUEL	0.900%	\$0.0317	\$3.5497	\$/Dth
DTH TO MCF CONVERSION	1.0744	\$0.2641	\$3.8138	\$/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)			\$2.9719	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0627	\$3.0346	\$/Dth
DUKE ENERGY OHIO FUEL	0.900%	\$0.0273	\$3.0619	\$/Dth
DTH TO MCF CONVERSION	1.0744	\$0.2278	\$3.2897	\$/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			\$0.68664	\$/Gal
GALLON TO MCF CONVERSION	15.38	\$9.8739	\$10.5605	\$/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 4/7/2017 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 May 2, 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>	
March 2017	\$11,043,319	\$0	\$5,661,043	\$0	\$5,382,276
April 2017	\$5,382,276	\$1,747,478		\$0	\$7,129,754
May 2017	\$7,129,754	\$4,442,658		\$0	\$11,572,412

**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 2, 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	March 2017	\$5,382,276		0.8333%			
2	April 2017	\$7,129,754	\$6,256,015				
3	May 2017	\$11,572,412	\$9,351,083	\$77,923	478,580	\$0.163	

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**

**4/11/2017 11:22:07 AM**

**in**

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

Summary: Tariff Duke Energy GCR May 2017 (2) electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Linton, John and Lee, Julie Ann Mrs.