



Duke Energy
139 E. Fourth Street
Cincinnati, OH 45202

April 10, 2023

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 2023. This filing is based on supplier tariff rates expected to be in effect on May 1, 2023 and the NYMEX close of April 5, 2023 for the month of May 2023.

Duke's GCR rate effective May 2023 is \$5.332 per MCF, which represents a decrease of \$0.434 per MCF from the current GCR rate in effect for April 2023.

Very truly yours,

/s/ Dana R. Patten

Dana R. Patten

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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	4.111
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.253)
ACTUAL ADJUSTMENT (AA)	\$/MCF	1.474
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	5.332

GAS COST RECOVERY RATE EFFECTIVE DATES: May 1, 2023 THROUGH May 31, 2023

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	4.111

SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000
PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000
SECOND PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	(0.253)
THIRD PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.253)

ACTUAL ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.910
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.008
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.213
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.343
ACTUAL ADJUSTMENT (AA)	\$/MCF	1.474

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, 2023

BY: SARAH LAWLER

TITLE: VICE PRESIDENT
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, 2023
 PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2024

<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.	47,488,210	0	47,488,210
Duke Energy Kentucky	1,795,608	0	1,795,608
Columbia Gulf Transmission Co.	2,389,275	0	2,389,275
Texas Gas Transmission Corp.	9,201,346	0	9,201,346
K O Transmission Company	0	0	0
Tennessee Gas	1,414,858	0	1,414,858
Rockies Express Pipeline LLC	9,576,000		9,576,000
PRODUCER/MARKETER (SCH. I - A)	370,125	0	370,125
SYNTHETIC (SCH. I - A)			
OTHER GAS COMPANIES (SCH. I - B)			
OHIO PRODUCERS (SCH. I - B)			
SELF-HELP ARRANGEMENTS (SCH. I - B)		(38,601,529)	(38,601,529)
SPECIAL PURCHASES (SCH. I - B)			
TOTAL DEMAND COSTS:	72,235,422	(38,601,529)	33,633,893

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:

20,205,307 MCF

DEMAND (FIXED) COMPONENT OF EGC RATE:

\$1.665 /MCF**COMMODITY COSTS:**

GAS MARKETERS	\$2.274 /MCF
GAS STORAGE	
COLUMBIA GAS TRANSMISSION	\$0.000 /MCF
TEXAS GAS TRANSMISSION	\$0.000 /MCF
PROPANE	\$0.000 /MCF
STORAGE CARRYING COSTS	\$0.172 /MCF
COMMODITY COMPONENT OF EGC RATE:	\$2.446 /MCF

TOTAL EXPECTED GAS COST:

\$4.111 /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, 2023 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2024

SUPPLIER OR TRANSPORTER NAME Commodity Costs
TARIFF SHEET REFERENCE _____
EFFECTIVE DATE OF TARIFF _____ RATE SCHEDULE NUMBER _____

TYPE GAS PURCHASED X NATURAL _____ LIQUIFIED _____ SYNTHETIC
UNIT OR VOLUME TYPE _____ MCF _____ CCF _____ OTHER
PURCHASE SOURCE X INTERSTATE _____ INTRASTATE _____

GAS COMMODITY RATE FOR MAY 2023:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$2.1132	\$/Dth
DUKE ENERGY OHIO FUEL	0.800%	\$0.0169	\$2.1301	\$/Dth
DTH TO MCF CONVERSION	1.0675	\$0.1438	\$2.2739	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100.00%		\$2.2739	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$2.274	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE (Not applicable during injection months)			\$6.7026	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$6.7179	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	2.132%	\$0.1432	\$6.8611	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0132	\$6.8743	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0000	\$6.8743	\$/Dth
DUKE ENERGY OHIO FUEL	0.800%	\$0.0550	\$6.9293	\$/Dth
DTH TO MCF CONVERSION	1.0675	\$0.4677	\$7.3970	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.00%		\$0.0000	\$/Mcf
GAS STORAGE COMMODITY RATE - COLUMBIA GAS			\$0.000	\$/Mcf
TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE (Not applicable during payback months)			\$2.3323	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0629	\$2.3952	\$/Dth
DUKE ENERGY OHIO FUEL	0.800%	\$0.0192	\$2.4144	\$/Dth
DTH TO MCF CONVERSION	1.0675	\$0.1630	\$2.5774	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.00%		\$0.0000	\$/Mcf
GAS STORAGE COMMODITY RATE - TEXAS GAS			\$0.000	\$/Mcf

PROPANE :

WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.000	
GALLON TO MCF CONVERSION	15.38	\$0.0000	\$0.000	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.00%		\$0.000	\$/Mcf
PROPANE COMMODITY RATE			\$0.000	\$/Mcf

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 4/05/2023 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, 2023

Month	Beginning Storage Inventory	Monthly Storage Activity			EFBS Balance	Ending Storage Inventory less EFBS
		Injected	Withdrawn	Ending Storage Inventory		
March 2023	\$22,229,977	\$0	\$9,501,878	\$12,728,099	\$4,863,181	\$7,864,918
April 2023	\$12,728,099	\$3,281,931	\$0	\$16,010,030	\$5,356,786	\$10,653,244
May 2023	\$16,010,030	\$7,991,605	\$0	\$24,001,635	\$9,580,637	\$14,420,998

**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, 2023

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	March 2023	\$7,864,918		0.8333%		
2	April 2023	\$10,653,244	\$9,259,081			
3	May 2023	\$14,420,998	\$12,537,121	\$104,472	607,531	\$0.172

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**

4/10/2023 1:10:15 PM

in

Case No(s). 89-8002-GA-TRF, 23-0218-GA-GCR

Summary: Tariff Duke Energy Ohio GCR May 2023 (2) electronically filed by Mrs.
Julie A. Lee on behalf of Duke Energy Ohio and Patten, Dana and Lee, Julie Ann
Mrs..