



Duke Energy
139 E. Fourth Street
Cincinnati, OH 45202

December 14, 2021

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 January 2022. This filing is based on supplier tariff rates expected to be in effect on January 4, 2022 and the NYMEX close of December 10, 2021 for the month of January 2022.

Duke's GCR rate effective January 2022 is \$5.985 per MCF, which represents a decrease of \$0.832 per MCF from the current GCR rate in effect for December 2021.

Very truly yours,

/s/ Dana R. Patten

Dana R. Patten

Enclosure

cc: Mr. Robert Clark

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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	4.930
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	0.000
ACTUAL ADJUSTMENT (AA)	\$/MCF	1.055
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	5.985

GAS COST RECOVERY RATE EFFECTIVE DATES: January 4, 2022 THROUGH February 4, 2022

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	4.930

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	0.000
THIRD PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	0.000

ACTUAL ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.152
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.353)
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	1.153
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.103
ACTUAL ADJUSTMENT (AA)	\$/MCF	1.055

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: December 14, 2022

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 January 4, 2022
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022

<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.	27,226,772	0	27,226,772
Duke Energy Kentucky	603,504	0	603,504
Columbia Gulf Transmission Co.	2,389,275	0	2,389,275
Texas Gas Transmission Corp.	9,303,555	0	9,303,555
K O Transmission Company	4,852,963	0	4,852,963
Tennessee Gas	1,182,116	0	1,182,116
PRODUCER/MARKETER (SCH. I - A)	0	0	0
SYNTHETIC (SCH. I - A)			
OTHER GAS COMPANIES (SCH. I - B)			
OHIO PRODUCERS (SCH. I - B)			
SELF-HELP ARRANGEMENTS (SCH. I - B)		(26,698,403)	(26,698,403)
SPECIAL PURCHASES (SCH. I - B)			
TOTAL DEMAND COSTS:	45,558,185	(26,698,403)	18,859,782

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:

20,273,713 MCF

DEMAND (FIXED) COMPONENT OF EGC RATE:

\$0.930 /MCF

COMMODITY COSTS:

GAS MARKETERS	\$1.152 /MCF
GAS STORAGE	
COLUMBIA GAS TRANSMISSION	\$2.131 /MCF
TEXAS GAS TRANSMISSION	\$0.544 /MCF
PROPANE	\$0.167 /MCF
STORAGE CARRYING COSTS	\$0.006 /MCF
COMMODITY COMPONENT OF EGC RATE:	\$4.000 /MCF

TOTAL EXPECTED GAS COST:

\$4.930 /MCF

PURCHASED GAS ADJUSTMENT
COMPANY NAME: DUKE ENERGY OHIO

SUPPLEMENTAL MONTHLY REPORT

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF January 4, 2022 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022

SUPPLIER OR TRANSPORTER NAME	<u>Commodity Costs</u>		
TARIFF SHEET REFERENCE	<u></u>		
EFFECTIVE DATE OF TARIFF	<u></u>	RATE SCHEDULE NUMBER	<u></u>
TYPE GAS PURCHASED	<u>X</u> NATURAL	<u></u> LIQUIFIED	<u></u> SYNTHETIC
UNIT OR VOLUME TYPE	<u></u> MCF	<u></u> CCF	<u></u> OTHER
PURCHASE SOURCE	<u>X</u> INTERSTATE	<u></u> INTRASTATE	

GAS COMMODITY RATE FOR JANUARY 2022:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$3.8135	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0534	\$3.8669	\$/Dth
DTH TO MCF CONVERSION	1.0728	\$0.2815	\$4.1484	\$/Mcf
ESTIMATED WEIGHTING FACTOR	27.78%		\$1.1524	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$1.152	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE (Not applicable during injection months)			\$3.3183	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$3.3336	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.608%	\$0.0536	\$3.3872	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0138	\$3.4010	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0012	\$3.4022	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0476	\$3.4498	\$/Dth
DTH TO MCF CONVERSION	1.0728	\$0.2511	\$3.7009	\$/Mcf
ESTIMATED WEIGHTING FACTOR	57.58%		\$2.1309	\$/Mcf
GAS STORAGE COMMODITY RATE - COLUMBIA GAS			\$2.131	\$/Mcf
TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE (Not applicable during payback months)			\$3.6681	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0626	\$3.7307	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0522	\$3.7829	\$/Dth
DTH TO MCF CONVERSION	1.0728	\$0.2754	\$4.0583	\$/Mcf
ESTIMATED WEIGHTING FACTOR	13.412%		\$0.5443	\$/Mcf
GAS STORAGE COMMODITY RATE - TEXAS GAS			\$0.544	\$/Mcf

PROPANE :

WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.880	
GALLON TO MCF CONVERSION	15.38	\$12.6544	\$13.534	\$/Mcf
ESTIMATED WEIGHTING FACTOR	1.232%		\$0.167	\$/Mcf
PROPANE COMMODITY RATE			\$0.167	\$/Mcf

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 12/10/2021 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 January 4, 2022

Month	Beginning Storage Inventory	Monthly Storage Activity			EFBS Balance	Ending Storage Inventory less EFBS
		Injected	Withdrawn	Ending Storage Inventory		
Nov 2021	\$29,331,486	\$0.00	\$2,939,620	\$26,391,866	\$13,862,195	\$12,529,671
Dec 2021	\$26,391,866	\$0.00	\$9,163,104	\$17,228,762	\$13,809,487	\$3,419,275
Jan-22	\$17,228,762	\$0.00	\$6,974,100	\$10,254,662	\$7,778,875	\$2,475,787

**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 January 4, 2022

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	Nov 2021	\$12,529,671		0.8333%			
2	Dec 2021	\$3,419,275	\$7,974,473				
3	Jan-22	\$2,475,787	\$2,947,531	\$24,562		4,091,741	\$0.006

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). 21-0218-GA-GCR, 89-8002-GA-TRF

Summary: Tariff Duke Energy Ohio GCR January 2022 (2) electronically filed by
Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Patten, Dana and Lee, Julie
Ann Mrs.