



**Duke Energy**  
139 E. Fourth Street  
Cincinnati, OH 45202

April 11, 2022

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 2022. This filing is based on supplier tariff rates expected to be in effect on May 2, 2022 and the NYMEX close of April 7, 2022 for the month of May 2022.

Duke's GCR rate effective May 2022 is \$9.798 per MCF, which represents an increase of \$1.656 per MCF from the current GCR rate in effect for April 2022.

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	8.365
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	0.000
ACTUAL ADJUSTMENT (AA)	\$/MCF	1.433
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	9.798

**GAS COST RECOVERY RATE EFFECTIVE DATES:** [May 2, 2022](#) THROUGH [May 31, 2022](#)

**EXPECTED GAS COST CALCULATION**

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	8.365

**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	0.481
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.152
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.353)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	1.153
ACTUAL ADJUSTMENT (AA)	\$/MCF	1.433

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, 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 May 3, 2022  
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 28, 2023

<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.	29,204,628	0	29,204,628
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	1,357,341	0	1,357,341
Rockies Express Pipeline LLC	9,576,000		9,576,000
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)		(24,162,959)	(24,162,959)
SPECIAL PURCHASES (SCH. I - B)			
TOTAL DEMAND COSTS:	57,287,266	(24,162,959)	33,124,307

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES: 20,403,397 MCF

DEMAND (FIXED) COMPONENT OF EGC RATE: \$1.623 /MCF

**COMMODITY COSTS:**

GAS MARKETERS	\$6.665 /MCF
GAS STORAGE	
COLUMBIA GAS TRANSMISSION	\$0.000 /MCF
TEXAS GAS TRANSMISSION	\$0.000 /MCF
PROPANE	\$0.000 /MCF
STORAGE CARRYING COSTS	\$0.077 /MCF
COMMODITY COMPONENT OF EGC RATE:	<b>\$6.742 /MCF</b>

TOTAL EXPECTED GAS COST: **\$8.365 /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 3, 2022 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 28, 2023

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

**GAS COMMODITY RATE FOR MAY 2022:**

**GAS MARKETERS :**

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			<b>\$6.1365</b>	\$/Dth
DUKE ENERGY OHIO FUEL	1.100%	\$0.0675	\$6.2040	\$/Dth
DTH TO MCF CONVERSION	1.0743	\$0.4610	\$6.6650	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100.00%		\$6.6650	\$/Mcf
<b>GAS MARKETERS COMMODITY RATE</b>			<b>\$6.665</b>	<b>\$/Mcf</b>

**GAS STORAGE :**

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE (Not applicable during injection months)			<b>\$4.0425</b>	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$4.0578	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.831%	\$0.0743	\$4.1321	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0114	\$4.1435	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0012	\$4.1447	\$/Dth
DUKE ENERGY OHIO FUEL	1.100%	\$0.0456	\$4.1903	\$/Dth
DTH TO MCF CONVERSION	1.0743	\$0.3113	\$4.5016	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.00%		\$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)			<b>\$6.2605</b>	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0626	\$6.3231	\$/Dth
DUKE ENERGY OHIO FUEL	1.100%	\$0.0696	\$6.3927	\$/Dth
DTH TO MCF CONVERSION	1.0743	\$0.4750	\$6.8677	\$/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			<b>\$0.853</b>	
GALLON TO MCF CONVERSION	15.38	\$12.2711	\$13.124	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.000	\$/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 4/7/2022 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 3, 2022

Month	Beginning Storage Inventory	Monthly Storage Activity			EFBS Balance	Ending Storage Inventory less EFBS
		Injected	Withdrawn	Ending Storage Inventory		
Mar 2022	\$4,525,230	\$0.00	\$200,176	\$4,325,054	\$2,036,473	\$2,288,581
Apr 2022	\$4,325,054	\$2,552,818.00	\$0	\$6,877,872	\$3,230,674	\$3,647,198
May 2022	\$6,877,872	\$6,177,722.00	\$0	\$13,055,594	\$5,679,517	\$7,376,077

**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 3, 2022

		Estimated	Avg. Storage			
Line No.	Ending Storage Balance Month	Ending Storage Inventory (Schedule I - C)	Average Monthly Storage Inventory Balance	Balance times Monthly Cost of Capital (1)	Estimated Monthly MCF	\$/MCF
				0.8333%		
1	Mar 2022	\$2,288,581				
2	Apr 2022	\$3,647,198	\$2,967,890			
3	May 2022	\$7,376,077	\$5,511,638	\$45,928	594,361	\$0.077

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**

**4/11/2022 2:15:04 PM**

**in**

**Case No(s). 89-8002-GA-TRF, 22-0218-GA-GCR**

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