



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

September 9, 2021

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 October 2021. This filing is based on supplier tariff rates expected to be in effect on September 30, 2021 and the NYMEX close of September 7, 2021 for the month of October 2021.

Duke's GCR rate effective October 2021 is \$7.130 per MCF, which represents an increase of \$0.486 per MCF from the current GCR rate in effect for September 2021.

Very truly yours,

/s/ Dana R. Patten

Dana R. Patten

Enclosure

cc: Mr. Robert Clark

rate\Tariffs\GCR\Ohio

**COMPANY NAME: DUKE ENERGY OHIO**  
**GAS COST RECOVERY RATE CALCULATIONS**  
**SUPPLEMENTAL MONTHLY REPORT**

PARTICULARS	UNIT	AMOUNT
EXPECTED GAS COST (EGC)	\$/MCF	6.308
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	0.000
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.822
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	7.130

**GAS COST RECOVERY RATE EFFECTIVE DATES:** September 30, 2021 THROUGH October 28, 2021

**EXPECTED GAS COST CALCULATION**

DESCRIPTION	UNIT	AMOUNT
-------------	------	--------

TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	6.308
-----------------------------------------	--------	-------

**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	(0.353)
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	1.153
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.103
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.081)
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.822

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: September 9, 2021

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 September 30, 2021  
 PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED August 31, 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.	29,671,360	0	29,671,360
Duke Energy Kentucky	603,504	0	603,504
Columbia Gulf Transmission Co.	2,389,275	0	2,389,275
Texas Gas Transmission Corp.	8,700,265	0	8,700,265
K O Transmission Company	4,852,963	0	4,852,963
Tennessee Gas	1,004,729	0	1,004,729
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)		(18,292,859)	(18,292,859)
SPECIAL PURCHASES (SCH. I - B)			
TOTAL DEMAND COSTS:	47,222,096	(18,292,859)	28,929,237

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES: 20,066,695 MCF

DEMAND (FIXED) COMPONENT OF EGC RATE: \$1.442 /MCF

**COMMODITY COSTS:**

GAS MARKETERS	\$4.729 /MCF
GAS STORAGE	
COLUMBIA GAS TRANSMISSION	\$0.000 /MCF
TEXAS GAS TRANSMISSION	\$0.000 /MCF
PROPANE	\$0.000 /MCF
STORAGE CARRYING COSTS	\$0.137 /MCF
COMMODITY COMPONENT OF EGC RATE:	<b>\$4.866 /MCF</b>

TOTAL EXPECTED GAS COST: **\$6.308 /MCF**

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

**SUPPLEMENTAL MONTHLY REPORT**

**PRIMARY GAS SUPPLIER / TRANSPORTER**

DETAILS FOR THE EGC IN EFFECT AS OF September 30, 2021 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED August 31, 2022

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 OCTOBER 2021:**

**GAS MARKETERS :**

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			<b>\$4.3454</b>	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0608	\$4.4062	\$/Dth
DTH TO MCF CONVERSION	1.0732	\$0.3225	\$4.7287	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100.000%		\$4.7287	\$/Mcf
<b>GAS MARKETERS COMMODITY RATE</b>			<b>\$4.729</b>	<b>\$/Mcf</b>

**GAS STORAGE :**

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE (Not applicable during injection months)			<b>\$3.0197</b>	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0150	\$3.0347	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.608%	\$0.0488	\$3.0835	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0156	\$3.0991	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0012	\$3.1003	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0434	\$3.1437	\$/Dth
DTH TO MCF CONVERSION	1.0732	\$0.2301	\$3.3738	\$/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)			<b>\$4.3265</b>	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0626	\$4.3891	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0614	\$4.4505	\$/Dth
DTH TO MCF CONVERSION	1.0732	\$0.3258	\$4.7763	\$/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>\$0.851</b>	
GALLON TO MCF CONVERSION	15.38	\$12.2386	\$13.090	\$/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 09/07/2021 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 September 30, 2021

Month	Beginning Storage Inventory	Monthly Storage Activity			EFBS Balance	Ending Storage Inventory less EFBS
		Injected	Withdrawn	Ending Storage Inventory		
Aug 2021	\$17,302,423	\$4,979,461.05	\$0	\$22,281,884	\$10,033,938	\$12,247,946
Sept 2021	\$22,281,884	\$2,895,191.00	\$0	\$25,177,075	\$10,284,108	\$14,892,967
Oct 2021	\$25,177,075	\$854,448.00	\$0	\$26,031,523	\$12,999,119	\$13,032,403

**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 September 30, 2021

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	Aug 2021	\$12,247,946				
2	Sept 2021	\$14,892,967	\$13,570,456			
3	Oct 2021	\$13,032,403	\$13,962,685	\$116,351	848,467	\$0.137

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**

**9/9/2021 11:48:04 AM**

**in**

**Case No(s). 21-0218-GA-GCR, 89-8002-GA-TRF**

Summary: Tariff Duke Energy Ohio GCR October 2021 (2) electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Patten, Dana and Lee, Julie Ann Mrs.