



Duke Energy
139 E. Fourth Street
Cincinnati, OH 45202

January 9, 2020

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 February 2020. This filing is based on supplier tariff rates expected to be in effect on January 31, 2020 and the NYMEX close of January 7, 2020 for the month of February 2020.

Duke's GCR rate effective February 2020 is \$3.381 per MCF, which represents a decrease of \$0.206 per MCF from the current GCR rate in effect for January 2020.

Very truly yours,

A handwritten signature in dark ink that reads "Dana R. Patten". The signature is written in a cursive, flowing style.

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	3.443000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	0.000000
ACTUAL ADJUSTMENT (AA)	\$/MCF	(0.062000)
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA	\$/MCF	<u>3.381000</u>

GAS COST RECOVERY RATE EFFECTIVE DATES: January 31, 2020 THROUGH March 1, 2020

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	3.443000

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	0.026000
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.250000)
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.199000)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.361000
ACTUAL ADJUSTMENT (AA)	\$/MCF	<u>(0.062000)</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: January 9, 2020

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 January 31, 2020
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2020

<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.	18,704,300	0	18,704,300
Duke Energy Kentucky	603,504	0	603,504
Columbia Gulf Transmission Co.	2,389,275	0	2,389,275
 Texas Gas Transmission Corp.	 6,941,209	 0	 6,941,209
K O Transmission Company	4,862,476	0	4,862,476
Tennessee Gas	706,003	0	706,003
PRODUCER/MARKETER (SCH. I - A)	103,058	0	103,058
SYNTHETIC (SCH. I - A)			
OTHER GAS COMPANIES (SCH. I - B)			
OHIO PRODUCERS (SCH. I - B)			
SELF-HELP ARRANGEMENTS (SCH. I - B)		(16,637,076)	(16,637,076)
SPECIAL PURCHASES (SCH. I - B)			
TOTAL DEMAND COSTS:	34,309,825	(16,637,076)	17,672,749

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES

20,662,897 MCF

DEMAND (FIXED) COMPONENT OF EGC RATE:

\$0.855 /MCF

COMMODITY COSTS:

GAS MARKETERS	\$1.043 /MCF
GAS STORAGE	
COLUMBIA GAS TRANSMISSION	\$1.239 /MCF
TEXAS GAS TRANSMISSION	\$0.239 /MCF
PROPANE	\$0.058 /MCF
STORAGE CARRYING COSTS	\$0.009 /MCF
COMMODITY COMPONENT OF EGC RATE:	\$2.588 /MCF

TOTAL EXPECTED GAS COST:

\$3.443 /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 31, 2020 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2020

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 FEBRUARY 2020:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$2.1569	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0302	\$2.1871	\$/Dth
DTH TO MCF CONVERSION	1.0677	\$0.1481	\$2.3352	\$/Mcf
ESTIMATED WEIGHTING FACTOR	44.645%		\$1.0426	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$1.043	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE (Not applicable during injection months)			\$2.5070	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$2.5223	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.492%	\$0.0376	\$2.5599	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0162	\$2.5761	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0013	\$2.5774	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0361	\$2.6135	\$/Dth
DTH TO MCF CONVERSION	1.0677	\$0.1769	\$2.7904	\$/Mcf
ESTIMATED WEIGHTING FACTOR	44.396%		\$1.2388	\$/Mcf
GAS STORAGE COMMODITY RATE - COLUMBIA GAS			\$1.239	\$/Mcf
TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE (Not applicable during payback months)			\$2.0417	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0627	\$2.1044	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0295	\$2.1339	\$/Dth
DTH TO MCF CONVERSION	1.0677	\$0.1445	\$2.2784	\$/Mcf
ESTIMATED WEIGHTING FACTOR	10.494%		\$0.2391	\$/Mcf
GAS STORAGE COMMODITY RATE - TEXAS GAS			\$0.239	\$/Mcf

PROPANE :

WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.81072	\$/Gal
GALLON TO MCF CONVERSION	15.38	\$11.6582	\$12.4689	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.465%		\$0.0580	\$/Mcf
PROPANE COMMODITY RATE			\$0.058	\$/Mcf

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 1/7/2020 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 31, 2020

<u>Month</u>	<u>Beginning Storage Inventory</u>	<u>Monthly Storage Activity</u>		<u>Ending Storage Inventory</u>	<u>EFBS Balance</u>	<u>Ending Storage Inventory less EFBS</u>
		<u>Injected</u>	<u>Withdrawn</u>			
December, 2019	\$20,363,069	\$0	\$2,051,977	\$18,311,092	\$11,976,938	\$6,334,154
January, 2020	\$18,311,092	\$0	\$6,171,000	\$12,140,092	\$9,223,081	\$2,917,011
February, 2020	\$12,140,092	\$0	\$4,457,750	\$7,682,342	\$4,622,998	\$3,059,344

**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 31, 2020

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	December, 2019	\$6,334,154		0.8333%		
2	January, 2020	\$2,917,011	\$4,625,583			
3	February, 2020	\$3,059,344	\$2,988,178	\$24,900	2,879,446	\$0.009

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). 89-8002-GA-TRF, 19-0218-GA-GCR

Summary: Tariff Duke Energy Ohio GCR February 2020 (2) electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Patten, Dana and Lee, Julie Ann Mrs.