



Duke Energy
139 E. Fourth Street
Cincinnati, OH 45202

April 12, 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 May 2021. This filing is based on supplier tariff rates expected to be in effect on May 3, 2021 and the NYMEX close of April 8, 2021 for the month of May 2021.

Duke's GCR rate effective May 2021 is \$3.748 per MCF, which represents a decrease of \$0.196 per MCF from the current GCR rate in effect for April 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 | 4.072 |
| SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA) | \$/MCF | 0.000 |
| ACTUAL ADJUSTMENT (AA) | \$/MCF | <u>(0.324)</u> |
| GAS COST RECOVERY RATE (GCR) = EGC + RA + AA | \$/MCF | <u><u>3.748</u></u> |

GAS COST RECOVERY RATE EFFECTIVE DATES: May 3, 2021 THROUGH June 1, 2021

EXPECTED GAS COST CALCULATION

| DESCRIPTION | UNIT | AMOUNT |
|---|--------|--------|
| TOTAL EXPECTED GAS COST COMPONENT (EGC) | \$/MCF | 4.072 |

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 | <u>0.000</u> |

ACTUAL ADJUSTMENT SUMMARY CALCULATION

| PARTICULARS | UNIT | AMOUNT |
|--|--------|----------------|
| CURRENT QUARTERLY ACTUAL ADJUSTMENT | \$/MCF | 0.103 |
| PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT | \$/MCF | (0.081) |
| SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT | \$/MCF | (0.233) |
| THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT | \$/MCF | (0.113) |
| ACTUAL ADJUSTMENT (AA) | \$/MCF | <u>(0.324)</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: April 12, 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 May 3, 2021
 PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 28, 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. | 31,063,112 | 0 | 31,063,112 |
| Duke Energy Kentucky | 603,504 | 0 | 603,504 |
| Columbia Gulf Transmission Co. | 2,389,275 | 0 | 2,389,275 |
| | | | |
| Texas Gas Transmission Corp. | 7,130,055 | 0 | 7,130,055 |
| K O Transmission Company | 4,852,963 | 0 | 4,852,963 |
| Tennessee Gas | 712,685 | 0 | 712,685 |
| 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) | | (19,183,217) | (19,183,217) |
| SPECIAL PURCHASES (SCH. I - B) | | | |
| | | | |
| TOTAL DEMAND COSTS: | 46,751,594 | (19,183,217) | 27,568,377 |

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES: 19,936,646 MCF

DEMAND (FIXED) COMPONENT OF EGC RATE: **\$1.383 /MCF**

COMMODITY COSTS:

| | |
|----------------------------------|---------------------|
| GAS MARKETERS | \$2.602 /MCF |
| GAS STORAGE | |
| COLUMBIA GAS TRANSMISSION | \$0.000 /MCF |
| TEXAS GAS TRANSMISSION | \$0.000 /MCF |
| PROPANE | \$0.000 /MCF |
| STORAGE CARRYING COSTS | \$0.087 /MCF |
| COMMODITY COMPONENT OF EGC RATE: | \$2.689 /MCF |

TOTAL EXPECTED GAS COST: **\$4.072 /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, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 28, 2022

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 MAY 2021:

GAS MARKETERS :

| | | | | |
|---|----------|----------|-----------------|---------------|
| WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1): | | | \$2.3908 | \$/Dth |
| DUKE ENERGY OHIO FUEL | 1.400% | \$0.0335 | \$2.4243 | \$/Dth |
| DTH TO MCF CONVERSION | 1.0732 | \$0.1775 | \$2.6018 | \$/Mcf |
| ESTIMATED WEIGHTING FACTOR | 100.000% | | \$2.6018 | \$/Mcf |
| GAS MARKETERS COMMODITY RATE | | | \$2.602 | \$/Mcf |

GAS STORAGE :

| | | | | |
|---|--------|----------|-----------------|---------------|
| COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE (Not applicable during injection months) | | | \$2.1792 | \$/Dth |
| COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE | | \$0.0150 | \$2.1942 | \$/Dth |
| COLUMBIA GAS TRANS. SST FUEL | 1.608% | \$0.0353 | \$2.2295 | \$/Dth |
| COLUMBIA GAS TRANS SST COMMODITY RATE | | \$0.0158 | \$2.2453 | \$/Dth |
| KO TRANS, COMMODITY RATE | | \$0.0011 | \$2.2464 | \$/Dth |
| DUKE ENERGY OHIO FUEL | 1.400% | \$0.0314 | \$2.2778 | \$/Dth |
| DTH TO MCF CONVERSION | 1.0732 | \$0.1667 | \$2.4445 | \$/Mcf |
| ESTIMATED WEIGHTING FACTOR | 0.000% | | \$0.0000 | \$/Mcf |
| GAS STORAGE COMMODITY RATE - COLUMBIA GAS | | | \$0.000 | \$/Mcf |

| | | | | |
|--|--------|----------|-----------------|---------------|
| TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE (Not applicable during payback months) | | | \$2.5041 | \$/Dth |
| TEXAS GAS COMMODITY RATE | | \$0.0625 | \$2.5666 | \$/Dth |
| DUKE ENERGY OHIO FUEL | 1.400% | \$0.0359 | \$2.6025 | \$/Dth |
| DTH TO MCF CONVERSION | 1.0732 | \$0.1905 | \$2.7930 | \$/Mcf |
| ESTIMATED WEIGHTING FACTOR | 0.000% | | \$0.0000 | \$/Mcf |
| GAS STORAGE COMMODITY RATE - TEXAS GAS | | | \$0.000 | \$/Mcf |

PROPANE :

| | | | | |
|---|--------|-----------|------------------|---------------|
| WEIGHTED AVERAGE PROPANE INVENTORY RATE | | | \$0.85108 | \$/Gal |
| GALLON TO MCF CONVERSION | 15.38 | \$12.2386 | \$13.090 | \$/Mcf |
| ESTIMATED WEIGHTING FACTOR | 0.000% | | \$0.0000 | \$/Mcf |
| PROPANE COMMODITY RATE | | | \$0.000 | \$/Mcf |

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 04/08/2021 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 May 3, 2021

| Month | Beginning Storage Inventory | Monthly Storage Activity | | Ending Storage Inventory | EFBS Balance | Ending Storage Inventory less EFBS |
|------------|-----------------------------|--------------------------|-------------|--------------------------|--------------|------------------------------------|
| | | Injected | Withdrawn | | | |
| March 2021 | \$8,215,492 | \$0 | \$2,823,855 | \$5,391,637 | \$2,450,393 | \$2,941,243 |
| April 2021 | \$5,391,637 | \$1,809,640 | \$0 | \$7,201,277 | \$2,522,315 | \$4,678,961 |
| May 2021 | \$7,201,277 | \$4,542,488 | \$0 | \$11,743,765 | \$4,313,372 | \$7,430,393 |

**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, 2021

| 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 | March 2021 | \$2,941,243 | | 0.8333% | | | |
| 2 | April 2021 | \$4,678,961 | \$3,810,102 | | | | |
| 3 | May 2021 | \$7,430,393 | \$6,054,677 | \$50,454 | 582,344 | \$0.087 | |

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 May 2021 (2) electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Patten, Dana and Lee, Julie Ann Mrs.