



Duke Energy
139 E. Fourth Street
Cincinnati, OH 45202

November 9, 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 December 2021. This filing is based on supplier tariff rates expected to be in effect on December 1, 2021 and the NYMEX close of November 5, 2021 for the month of December 2021.

Duke's GCR rate effective December 2021 is \$ 6.817 per MCF, which represents a decrease of \$1.082 per MCF from the current GCR rate in effect for November 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

PARTICULARS	UNIT	AMOUNT
EXPECTED GAS COST (EGC)	\$/MCF	5.762
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	0.000
ACTUAL ADJUSTMENT (AA)	\$/MCF	1.055
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA + BA	\$/MCF	<u>6.817</u>

GAS COST RECOVERY RATE EFFECTIVE DATES: December 1, 2021 THROUGH January 3, 2022

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	5.762

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	0.152
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.353)
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT (1)	\$/MCF	1.153
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.103
ACTUAL ADJUSTMENT (AA)	\$/MCF	<u>1.055</u>

THIS QUARTERLY REPORT FILED PURSUANT TO ORDER NO. 76-515-GA-ORD
OF THE PUBLIC UTILITIES COMMISSION OF OHIO, DATED OCTOBER 18, 1979.DATE FILED: November 9, 2021BY: SARAH LAWLERTITLE: VICE PRESIDENT
Rates & Regulatory Strategy-OH/KY

PURCHASED GAS ADJUSTMENT

SCHEDULE I

COMPANY NAME: DUKE ENERGY OHIO

EXPECTED GAS COST RATE CALCULATION

DETAILS FOR THE EGC RATE IN EFFECT AS OF December 1, 2021
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022

<u>DEMAND COSTS</u>	<u>DEMAND EXPECTED GAS COST AMT (\$)</u>	<u>MISC EXPECTED GAS COST AMT (\$)</u>	<u>TOTAL DEMAND EXPECTED GAS COST AMT (\$)</u>
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)			
SPECIAL PURCHASES (SCH. I - B)		(26,698,403)	(26,698,403)
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	\$2.757 /MCF
GAS STORAGE	
COLUMBIA GAS TRANSMISSION	\$1.476 /MCF
TEXAS GAS TRANSMISSION	\$0.496 /MCF
PROPANE	\$0.081 /MCF
STORAGE CARRYING COSTS	\$0.022 /MCF
COMMODITY COMPONENT OF EGC RATE:	<u>\$4.832 /MCF</u>

TOTAL EXPECTED GAS COST:

\$5.762 /MCF

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 1 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022

SUPPLIER OR TRANSPORTER NAME Columbia Gas Transmission, LLC
 TARIFF SHEET REFERENCE Fourth Revised Volume No. 1 V.9./V.8
 EFFECTIVE DATE OF TARIFF 12/1/2021 RATE SCHEDULE NUMBER FSS/SST

TYPE GAS PURCHASED X NATURAL LIQUIFIED SYNTHETIC
 UNIT OR VOLUME TYPE MCF CCF X OTHER DTH
 PURCHASE SOURCE X INTERSTATE INTRASTATE

INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
CONTRACT DEMAND - FSS MDSQ	2.4810	2,598,168	6,446,055
CONTRACT DEMAND - FSS SCQ	0.0447	110,928,948	4,958,524
CONTRACT DEMAND - SST (Apr - Sept) *	9.4730	649,542	6,153,111
CONTRACT DEMAND - SST (Dec - Mar)	6.4280	866,056	5,567,008
CONTRACT DEMAND - SST (Oct - Nov) *	9.4730	433,028	4,102,074
TOTAL DEMAND			27,226,772
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			27,226,772

NOTE: IF ANY RATE SHOWN ABOVE IS DIFFERENT THAN THE UNIT RATE REPORTED IN PREVIOUS QUARTERLY REPORT,
 INDICATE WITH AN ASTERISK (*) AND ATTACH COPY OF SUPPLIER TARIFF SHEET. IF TARIFF SHEET IS NOT
 AVAILABLE, THEN PROVIDE A DETAILED EXPLANATION.

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

Rate Schedule SST	Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM-T Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Reservation Charge 3/ Commodity	\$ 8.927	0.277	0.103	0.166	0.00	9.473	0.3115
Maximum	¢ 0.62	0.10	0.66	0.00	0.00	1.38	1.38
Minimum	¢ 0.62	0.10	0.66	0.00	0.00	1.38	1.38
Overrun 4/							
Maximum	¢ 29.97	1.01	1.00	0.55	0.00	32.53	32.53
Minimum	¢ 0.62	0.10	0.66	0.00	0.00	1.38	1.38

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Transportation quantities received from TCO Pool that are delivered to any point on Transporter's system shall be assessed the applicable commodity charges, commodity surcharges, and Retainage, as provided for in this Tariff. Transportation quantities received from any point that are delivered to TCO Pool shall not be assessed commodity charges, commodity surcharges, or Retainage. Service agreements with TCO Pool as a firm primary receipt point or firm primary delivery point will be assessed applicable reservation charges and reservation surcharges.

Currently Effective Rates
Applicable to Rate Schedule FSS
Rate Per Dth

	Base Tariff Rate 1/2/	Transportation Cost Rate Adjustment Current	Electric Power Costs Adjustment Current	CCRM-S Rate	Total Effective Rate	Daily Rate
Rate Schedule FSS						
Reservation Charge	\$ 2.481	-	-	0.00	2.481	0.0816
Capacity	¢ 4.47	-	-	0.00	4.47	4.47
Injection	¢ 1.53	-	-	0.00	1.53	1.53
Withdrawal	¢ 1.53	-	-	0.00	1.53	1.53
Overrun	¢ 15.69	-	-	0.00	15.69	15.69

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.

RETAINAGE PERCENTAGES

Transportation Retainage	1.608%
Transportation Retainage – FT-C 1/	0.282%
Gathering Retainage	6.000%
Storage Gas Loss Retainage	0.622%
Ohio Storage Gas Loss Retainage	0.037%
Columbia Processing Retainage 2/	0.000%

1/ Retainage percentage applicable to service under Rate Schedule FT-C (Firm Transportation Service – Commonwealth).

2/ The Columbia Processing Retainage shall be assessed separately from the processing retainage applicable to third party processing plants set forth in Section 25.3 (f) of the General Terms and Conditions.

Columbia Gas Transmission, LLC
1700 MacCorkle Avenue SE, Charleston, WV 25314



March 28, 2018

Mr. Jeff Kern
Duke Energy Ohio, Inc.
139 East Fourth Street
Cincinnati, OH 45202

RE: SST Service Agreement No. 79971
Discount Letter Amendment

Dear Mr. Kern:

This letter will serve as an amendment to the SST Service Agreement No. 79971 between Columbia Gas Transmission, LLC (Transporter) and Duke Energy Ohio, Inc. (Shipper) and supersedes and replaces all prior Discount Letter Amendments. Transporter and Shipper hereby agree that Section 3 of the above-referenced service agreement is amended to provide the following:

1. The rate for service, for the period from 3/01/2018 to 1/31/2019, will include a discounted demand rate of \$4.198, inclusive of all surcharges, for any receipts into Transporter's pipeline system for delivery to the primary delivery points 14 (CINC Gas & Electric OP-7), 13-11 (CINC Gas & Electric-11) and 834696 (KOT DEK MLI) and for delivery to the secondary delivery point STOR (RP Storage Point TCO).
2. The rate for service, for the period from 2/01/2019 to 1/31/2020, will include a discounted demand rate of \$5.653, inclusive of all surcharges, for any receipts into Transporter's pipeline system for delivery to the primary delivery points 14 (CINC Gas & Electric OP-7), 13-11 (CINC Gas & Electric-11) and 834696 (KOT DEK MLI) and for delivery to the secondary delivery point STOR (RP Storage Point TCO).
3. The rate for service, for the period from 2/01/2020 to 1/31/2021, will include a discounted demand rate of \$6.045, inclusive of all surcharges, for any receipts into Transporter's pipeline system for delivery to the primary delivery points 14 (CINC Gas & Electric OP-7), 13-11 (CINC Gas & Electric-11) and 834696 (KOT DEK MLI) and for delivery to the secondary delivery point STOR (RP Storage Point TCO).
4. The rate for service, for the period from 2/01/2021 to 3/31/2022, will include a discounted demand rate of \$6.428, inclusive of all surcharges, for any receipts into Transporter's pipeline system for delivery to the primary delivery points 14 (CINC Gas & Electric OP-7), 13-11 (CINC Gas & Electric-11) and 834696 (KOT DEK MLI) and for delivery to the secondary delivery point STOR (RP Storage Point TCO).

Columbia Gas Transmission, LLC
1700 MacCorkle Avenue SE, Charleston, WV 25314



5. The above discounted demand rates will be inclusive of demand surcharges at the rates specified in the currently effective Part V.8. (Currently Effective Rates Applicable to Rate Schedule SST) of Transporter's FERC Gas Tariff as amended from time to time.
6. Except to the extent Federal Energy Regulatory Commission ("FERC") policies, rules and/or regulations, and/or Transporter's FERC Gas Tariff provide otherwise, for service under the above-referenced Service Agreement to secondary delivery points other than STOR, in lieu of the rate set forth above, Transporter will charge and Shipper will pay the then existing maximum Recourse Rate set forth in Transporter's FERC Gas Tariff from time to time.
7. Notwithstanding the foregoing, the charge to be paid by Shipper to Transporter will be no lower than the applicable total effective minimum charges or higher than the applicable total effective maximum charges as set forth in Transporter's FERC Gas Tariff from time to time.
8. The discounted reservation rate will be apportioned in accordance with Section 20 of the General Terms and Conditions of Transporter's FERC Gas Tariff.
9. In addition to the demand charges set forth above, Shipper must pay Transporter all applicable commodity charges, commodity surcharges, overrun charges, gathering charges, and retainage charges set forth in Transporter's FERC Gas Tariff as amended from time to time.
10. In addition to the reservation charges set forth above, for the period from 3/01/2018 through 1/31/2019, Shipper will pay all applicable Capital Cost Recovery Mechanism ("CCRM") charges.
11. Shipper will have a contractual right of first refusal ("ROFR") under the referenced agreement if it does not qualify for the regulatory ROFR set forth in Section 4 of the General Terms and Conditions of Transporter's FERC Gas Tariff.

If you are in agreement with the above amendment, please execute both originals of this letter and return one to Transporter at the above address, Attention: Jackie Sydnor, 2nd floor.

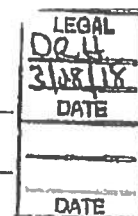
Executed and agreed to this 9th day of April, 2018.

DUKE ENERGY OHIO, INC.

By: [Signature]
Its: Sr VP and Chief Commercial Officer

COLUMBIA GAS TRANSMISSION, LLC

By: [Signature]
Its: James R. Eckert
Vice President



PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 2 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022SUPPLIER OR TRANSPORTER NAME Duke Energy Kentucky

TARIFF SHEET REFERENCE _____

EFFECTIVE DATE OF TARIFF 8/1/2018

RATE SCHEDULE NUMBER _____

TYPE GAS PURCHASED ☒ NATURAL☐ LIQUIFIED☐ SYNTHETICUNIT OR VOLUME TYPE ☐ MCF☐ CCF☒ OTHER

DTH

PURCHASE SOURCE ☒ INTERSTATE☐ INTRASTATE

INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
CONTRACT DEMAND	0.2794	2,160,000	603,504
TOTAL DEMAND			603,504
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			603,504

NOTE: IF ANY RATE SHOWN ABOVE IS DIFFERENT THAN THE UNIT RATE REPORTED IN PREVIOUS QUARTERLY REPORT, INDICATE WITH AN ASTERISK (*) AND ATTACH COPY OF SUPPLIER TARIFF SHEET. IF TARIFF SHEET IS NOT AVAILABLE, THEN PROVIDE A DETAILED EXPLANATION.

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, DC 20426

OFFICE OF ENERGY MARKET REGULATION

In Reply Refer To:
Letter Order Pursuant to § 375.307
Duke Energy Kentucky, Inc.
Docket No. PR18-70-000

Issued: September 13, 2018

Duke Energy Kentucky, Inc.
555 South Tryon Street, DEC45A
Charlotte, NC 28202

Attention: Brian Heslin
Deputy General Counsel

Reference: Petition for Rate Approval

Dear Mr. Heslin:

On July 24, 2018, Duke Energy Kentucky, Inc. (DE-Kentucky) filed an application pursuant to section 284.123(b)(2)(i) of the Commission's regulations¹ for approval of a section 311 no-notice interstate transportation rate.² DE-Kentucky proposes to increase its maximum reservation charge for no-notice transportation from \$0.2417 per Dth per month to \$0.2794 per Dth per month. DE-Kentucky's commodity charge will remain at the present rate of \$0.0 per Dth. DE-Kentucky requests that the rates become effective August 1, 2018. DE-Kentucky also agrees to file, on or before July 25, 2023, a rate petition, pursuant to section 284.123(b) of the regulations or to propose a new rate applicable to NGPA section 311 service. Noting DE-Kentucky's commitment to file a new rate petition by July 25, 2023, the referenced tariff record is accepted effective August 1, 2018, as proposed.

Public notice of the filing was issued on July 30, 2018, with interventions and protests due on or before August 14, 2018. Pursuant to Rule 214 (18 C.F.R. § 385.214 (2018)), all timely filed motions to intervene and any unopposed motion to intervene out-

¹ 18 C.F.R. § 284.123(b)(2)(i) (2018).

² Duke Energy Kentucky, Inc., FERC NGPA Gas Tariff, Gas Tariffs, [Operating Statement, Section 284.224 Service, 2.0.0.](#)

Docket No. PR18-70-000

- 2 -

of-time filed before the issuance of this order are granted. Granting late intervention at this stage of the proceeding will not disrupt the proceeding or place additional burdens on existing parties. No protests or adverse comments were filed.

This acceptance for filing shall not be construed as constituting approval of the referenced filing or of any rate, charge, classification, or any rule, regulation, or practice affecting such rate or service contained in your SOC; nor shall such acceptance be deemed as recognition of any claimed contractual right or obligation associated therewith; and such acceptance is without prejudice to any findings or orders which have been or may hereafter be made by the Commission in any proceeding now pending or hereafter instituted by or against your company.

This order constitutes final agency action. Requests for rehearing by the Commission may be filed within 30 days of the date of issuance of this order, pursuant to 18 C.F.R. § 385.713 (2018).

Sincerely,



Marsha K. Palazzi, Director
Division of Pipeline Regulation

SERVICE AGREEMENT

No. 001

THIS AGREEMENT, made and entered into this 31st day of March, 2010, by and between DUKE ENERGY KENTUCKY, INC., a Kentucky corporation, (hereinafter referred to as "Transporter"), and DUKE ENERGY OHIO, INC (hereinafter referred to as "Shipper").

WITNESSETH:

That in consideration of the mutual covenants herein contained, the parties hereto agree as follows:

Section 1

Service to be Rendered. Transporter shall perform and Shipper shall receive service in accordance with the provisions of the applicable General Terms and Conditions of Transporter's Operating Statement on file with the Federal Energy Regulatory Commission (Commission), as the same may be amended or superseded in accordance with the rules and regulations of the Commission. The maximum obligation of Transporter to deliver gas hereunder to or for Shipper, the designation of the points of delivery at which Transporter shall deliver or cause gas to be delivered to or for Shipper, and the points of receipt at which Shipper shall deliver or cause gas to be delivered, are specified in Appendix A, as the same may be amended from time to time by agreement between Shipper and Transporter, or in accordance with the rules and regulations of the Commission. Service hereunder shall be provided subject to the provisions of Part 284.224 of the Commission's regulations. Shipper warrants that service hereunder is being provided on behalf of the shipper.

Section 2

Term. Service under this Agreement shall commence as of April 1, 2010 and shall continue in full force and effect until March 31, 2011 and from year-to-year thereafter unless terminated by either party upon thirty days written notice to the other party.

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 3 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022SUPPLIER OR TRANSPORTER NAME Columbia Gulf Transmission Corp.
TARIFF SHEET REFERENCE Third Revised Volume No. 1 V.1. Version 14.0.0
EFFECTIVE DATE OF TARIFF 8/1/2020 RATE SCHEDULE NUMBER FTS-1TYPE GAS PURCHASED ☒ NATURAL ☐ LIQUIFIED ☐ SYNTHETIC
UNIT OR VOLUME TYPE ☐ MCF ☐ CCF ☒ OTHER DTH
PURCHASE SOURCE ☒ INTERSTATE ☐ INTRASTATE

INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
FTS-1 DEMAND (NOV-MAR)	3.3300	245,000	815,850
FTS-1 DEMAND (APR-OCT)	3.3300	220,500	734,265
FTS-1 DEMAND (NOV-OCT)	3.3300	252,000	839,160
TOTAL DEMAND			2,389,275
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			2,389,275

NOTE: IF ANY RATE SHOWN ABOVE IS DIFFERENT THAN THE UNIT RATE REPORTED IN PREVIOUS QUARTERLY REPORT,
INDICATE WITH AN ASTERISK (*) AND ATTACH COPY OF SUPPLIER TARIFF SHEET. IF TARIFF SHEET IS NOT
AVAILABLE, THEN PROVIDE A DETAILED EXPLANATION.

Section 3

Rates. Shipper shall pay Transporter those charges as approved by the Commission, unless otherwise agreed to by the parties in writing and specified as an amendment to the Service Agreement.

Section 4

Notices. Notices to Transporter under this Agreement shall be addressed to it at 139 East Fourth Street, Cincinnati, Ohio 45202, Attention: Patricia Walker, Senior Vice President. Notices to Shipper under this Agreement shall be addressed to it at 139 East Fourth Street, Cincinnati, Ohio 45202, Attention: Julie Janson, President.

Shipper: Duke Energy Ohio, Inc.

By Julie Janson

SHM

Title President

Duke Energy Kentucky, Inc.

By Patricia K. Walker

Title Senior Vice President, Gas Operations

Revision 001

Appendix A to Service Agreement No. 001

Between Duke Energy Kentucky, Inc. (Transporter)
and Duke Energy Ohio, Inc. (Shipper)

Transportation Quantity: 180,000 Dth/day

Primary Receipt Point: Cold Spring Station

Primary Delivery Point: Front & Rose Station
Eastern Avenue Station
Anderson Ferry Station

Shipper: Duke Energy Ohio, Inc.

SHM

By Julia S. Jones
Its President
Date March 26, 2010

Duke Energy Kentucky, Inc.

By Patricia K. Walker
Its Senior Vice President, Gas Operations
Date March 26, 2010



700 Louisiana Street, Suite 700
Houston, TX 77002

August 7, 2019

Duke Energy Ohio, Inc.
139 East Fourth Street
Cincinnati, OH 45202

RE: FTS-1 Service Agreement No. 34688 Revision 2
Discount Letter Amendment

Dear Joanna:

This letter will serve as an amendment to the FTS-1 Service Agreement No. 34688 Revision 2 between Columbia Gulf Transmission, LLC (Transporter) and Duke Energy Ohio, Inc. (Shipper). Transporter and Shipper hereby agree that Section 3 of the above-referenced Service Agreement is amended to provide the following:

Terms. Shipper agrees to pay the discounted reservation rate(s), inclusive of reservation surcharges, for the term(s) and point(s) specified below.

Effective from November 1, 2019 through **October 31, 2024** for a Transportation Demand of 49,000 (11/1 to 3/31) and a Transportation Demand of 31,500 (4/1 to 10/31):

Receipt Point	Receipt Point Name	Receipt Point Type	Delivery Point	Delivery Point Name	Delivery Point Type	Maximum Daily Discounted Quantity 1/	Monthly Reservation Charge
2700010	RAYNE	Primary	MEANS	MEANS	Primary		\$ 3.33
MRMNLP	MAINLINE POOL	Secondary	MEANS	MEANS	Primary		\$ 3.33

1/ Maximum Daily Discounted Quantity shall receive the discounted reservation rate up to the indicated volume only. Any quantity transported above the Maximum Daily Discounted Quantity shall be charged the currently effective maximum reservation rate as set forth in Transporter's FERC Gas Tariff.

Service from any other secondary receipt points to any other secondary delivery points will be charged the then-existing maximum reservation rate set forth in Transporter's FERC Gas Tariff.

Apportionment of Discounts. The discounted reservation rate will be apportioned in accordance with Section 20 of the General Terms and Conditions of Transporter's FERC Gas Tariff.

Other Charges. In addition to the reservation charge(s) set forth above, Shipper must pay Transporter all applicable charges and surcharges in the Transporter's FERC Gas Tariff, as amended from time to time, including, but not limited to, commodity charges, overrun charges and retainage charges.

Compliance with Tariff. Notwithstanding the foregoing, the charge to be paid by Shipper to Transporter will be no lower than the applicable total effective minimum charges or higher than the applicable total effective maximum charges as set forth in Transporter's FERC Gas Tariff from time to time.

Executed and agreed to this 17 day of October, 2019.

COLUMBIA GULF TRANSMISSION,
LLC

DUKE ENERGY OHIO, INC. 

By Carol Weheman

By Bruce Burdy 

Its Manager, Transportation Contracts Its

VP Regulatory & Community Relations

Date: 10-17-19

Date: 10/16/2019

Currently Effective Rates
Applicable to Rate Schedule FTS-1
Rates in Dollars per Dth

Rate Schedule FTS-1	Base Rate (1) 1/	Total Effective Rate (2) 1/	Daily Rate (3) 1/
<u>Market Zone</u>			
Reservation Charge			
Maximum	5.049	5.049	Discounted to \$3.33
Minimum	0.000	0.000	0.1660
Commodity			
Maximum	0.0109	0.0109	0.0109
Minimum	0.0109	0.0109	0.0109
Overrun			
Maximum	0.1769	0.1769	0.1769
Minimum	0.0109	0.0109	0.0109

1/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 31 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.

Service Agreement No. 34688

Revision No. 2

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 17 day of October, 2019, by and between COLUMBIA GULF TRANSMISSION, LLC ("Transporter") and DUKE ENERGY OHIO, INC. ("Shipper")

WITNESSETH: That in consideration of the mutual covenants herein contained, the parties hereto agree as follows:

Section 1. Service to be Rendered. Transporter shall perform and Shipper shall receive the service in accordance with the provisions of the effective FTS-1 Rate Schedule and applicable General Terms and Conditions of Transporter's FERC Gas Tariff, Third Revised Volume No. 1 ("Tariff"), on file with the Federal Energy Regulatory Commission ("Commission"), as the same may be amended or superseded in accordance with the rules and regulations of the Commission herein contained. The maximum obligations of Transporter to deliver gas hereunder to or for Shipper, the designation of the points of delivery at which Transporter shall deliver or cause gas to be delivered to or for Shipper, and the points of receipt at which the Shipper shall deliver or cause gas to be delivered, are specified in Appendix A, as the same may be amended from time to time by agreement between Shipper and Transporter, or in accordance with the rules and regulations of the Commission.

Section 2. Term. Service under this Agreement shall commence as of November 1, 2019, and shall continue in full force and effect until October 31, 2024. Shipper and Transporter agree to avail themselves of the Commission's pre-granted abandonment authority upon termination of this Agreement, subject to any right of first refusal Shipper may have under the Commission's Regulations and Transporter's Tariff.

Section 3. Rates. Shipper shall pay the charges and furnish the Retainage as described in the above-referenced Rate Schedule, unless otherwise agreed to by the parties in writing and specified as an amendment to this Service Agreement. Transporter may agree to discount its rate to Shipper below Transporter's maximum rate, but not less than Transporter's minimum rate. Such discounted rate may apply to: (a) specified quantities (contract demand or commodity quantities); (b) specified quantities above or below a certain level or all quantities if quantities exceed a certain level; (c) quantities during specified time periods; (d) quantities at specified points, locations, or other defined geographical areas; (e) that a specified discounted rate will apply in a specified relationship to the quantities actually transported (i.e., that the reservation charge will be adjusted in a specified relationship to quantities actually transported); and (f) production and/or reserves committed by the Shipper.

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at Duke Energy Ohio, Inc., 4720 Piedmont Row Dr., Charlotte, NC 28210, Attention: Gennifer Raney, until changed by either party by written notice.

Section 5. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): FTS-1 No. 34688, Revision No. 1.

QBR AH

DUKE ENERGY OHIO, INC.

By

Title

Date

Rene Parley
VP Regulatory & Community Relations
10/16/2019

COLUMBIA GULF TRANSMISSION, LLC

By

Title

Date

Carol Wehman
Manager Transmission Contracts
10-17-19

Appendix A to Service Agreement No. 34688
Under Rate Schedule FTS-1
between Columbia Gulf Transmission, LLC ("Transporter")
and Duke Energy Ohio, Inc. ("Shipper").

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	49,000	11/1 - 3/31
11/01/2019	10/31/2024	31,500	4/1 - 10/31

Primary Receipt Points

<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	2700010	CGT-RAYNE	49,000	11/1 - 3/31
11/01/2019	10/31/2024	2700010	CGT-RAYNE	31,500	4/1 - 10/31

Primary Delivery Points

<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	MEANS	MEANS	49,000	11/1 - 3/31
11/01/2019	10/31/2024	MEANS	MEANS	31,500	4/1 - 10/31

The Master List of Interconnects ("MLI") as defined in Section 1 of the General Terms and Conditions of Transporter's Tariff is incorporated herein by reference for purposes of listing valid secondary interruptible receipt points and delivery points.

Transporter and Shipper have mutually agreed to the following maximum or minimum pressure commitments:

____ Yes X No (Check applicable blank) Transporter and Shipper have mutually agreed to a Regulatory Restructuring Reduction Option pursuant to Section 33 of the General Terms and Conditions of Transporter's FERC Gas Tariff.

X Yes ____ No (Check applicable blank) Shipper has a contractual right of first refusal equivalent to the right of first refusal set forth from time to time in Section 4 of the General Terms and Conditions of Transporter's FERC Gas Tariff.

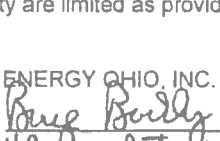
____ Yes X No (Check applicable blank) This Service Agreement covers interim capacity sold pursuant to the provisions of General Terms and Conditions Section 4. Right of first refusal rights, if any, applicable to this interim capacity are limited as provided for in General Terms and Conditions Section 4.

DUKE ENERGY OHIO, INC.

By

Title

Date

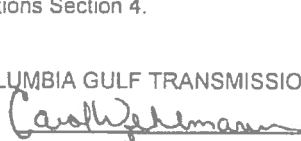

VP Regulatory & Community Relations
10/16/2019

COLUMBIA GULF TRANSMISSION, LLC

By

Title

Date


Manager Transportation Contracts
10-17-19



700 Louisiana Street, Suite 700
Houston, TX 77002

August 7, 2019

Duke Energy Ohio, Inc.
139 East Fourth Street
Cincinnati, OH 45202

RE: FTS-1 Service Agreement No. 154403 Revision 1
Discount Letter Amendment

Dear Joanna:

This letter will serve as an amendment to the FTS-1 Service Agreement No. 154403 Revision 1 between Columbia Gulf Transmission, LLC (Transporter) and Duke Energy Ohio, Inc. (Shipper). Transporter and Shipper hereby agree that Section 3 of the above-referenced Service Agreement is amended to provide the following:

Terms. Shipper agrees to pay the discounted reservation rate(s), inclusive of reservation surcharges, for the term(s) and point(s) specified below.

Effective from November 1, 2019 through October 31, 2024 for a Transportation Demand of 21,000:

Receipt Point	Receipt Point Name	Receipt Point Type	Delivery Point	Delivery Point Name	Delivery Point Type	Maximum Daily Discounted Quantity 1/	Monthly Reservation Charge
801	LEACH	Primary	MEANS	MEANS	Primary		\$ 3.33
MRMNLP	MAINLINE POOL	Secondary	MEANS	MEANS	Primary		\$ 3.33

1/ Maximum Daily Discounted Quantity shall receive the discounted reservation rate up to the indicated volume only. Any quantity transported above the Maximum Daily Discounted Quantity shall be charged the currently effective maximum reservation rate as set forth in Transporter's FERC Gas Tariff.

Service from any other secondary receipt points to any other secondary delivery points will be charged the then-existing maximum reservation rate set forth in Transporter's FERC Gas Tariff.

Apportionment of Discounts. The discounted reservation rate will be apportioned in accordance with Section 20 of the General Terms and Conditions of Transporter's FERC Gas Tariff.

Other Charges. In addition to the reservation charge(s) set forth above, Shipper must pay Transporter all applicable charges and surcharges in the Transporter's FERC Gas Tariff, as amended from time to time, including, but not limited to, commodity charges, overrun charges and retainage charges.

Compliance with Tariff. Notwithstanding the foregoing, the charge to be paid by Shipper to Transporter will be no lower than the applicable total effective minimum charges or higher than the applicable total effective maximum charges as set forth in Transporter's FERC Gas Tariff from time to time.

Executed and agreed to this 17 day of October, 2019.

COLUMBIA GULF TRANSMISSION,
LLC

By Cassidy Wehman

Its Manager

Date: 10-17-19

DUKE ENERGY OHIO, INC.

By Rene Burley

Its VP Regulatory + Community Relations

Date: 10/16/2019

Service Agreement No. 154403

Revision No. 1

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 17 day of October, 2019, by and between COLUMBIA GULF TRANSMISSION, LLC ("Transporter") and DUKE ENERGY OHIO, INC. ("Shipper").

WITNESSETH: That in consideration of the mutual covenants herein contained, the parties hereto agree as follows:

Section 1. Service to be Rendered. Transporter shall perform and Shipper shall receive the service in accordance with the provisions of the effective FTS-1 Rate Schedule and applicable General Terms and Conditions of Transporter's FERC Gas Tariff, Third Revised Volume No. 1 ("Tariff"), on file with the Federal Energy Regulatory Commission ("Commission"), as the same may be amended or superseded in accordance with the rules and regulations of the Commission herein contained. The maximum obligations of Transporter to deliver gas hereunder to or for Shipper, the designation of the points of delivery at which Transporter shall deliver or cause gas to be delivered to or for Shipper, and the points of receipt at which the Shipper shall deliver or cause gas to be delivered, are specified in Appendix A, as the same may be amended from time to time by agreement between Shipper and Transporter, or in accordance with the rules and regulations of the Commission.

Section 2. Term. Service under this Agreement shall commence as of November 1, 2019, and shall continue in full force and effect until October 31, 2024. Shipper and Transporter agree to avail themselves of the Commission's pre-granted abandonment authority upon termination of this Agreement, subject to any right of first refusal Shipper may have under the Commission's Regulations and Transporter's Tariff.

Section 3. Rates. Shipper shall pay the charges and furnish the Retainage as described in the above-referenced Rate Schedule, unless otherwise agreed to by the parties in writing and specified as an amendment to this Service Agreement. Transporter may agree to discount its rate to Shipper below Transporter's maximum rate, but not less than Transporter's minimum rate. Such discounted rate may apply to: (a) specified quantities (contract demand or commodity quantities); (b) specified quantities above or below a certain level or all quantities if quantities exceed a certain level; (c) quantities during specified time periods; (d) quantities at specified points, locations, or other defined geographical areas; (e) that a specified discounted rate will apply in a specified relationship to the quantities actually transported (i.e., that the reservation charge will be adjusted in a specified relationship to quantities actually transported); and (f) production and/or reserves committed by the Shipper.

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at Duke Energy Ohio, Inc., 4720 Piedmont Row Dr., Charlotte, NC 28210, Attention: Gennifer Raney, until changed by either party by written notice.

Section 5. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): FTS-1 No. 154403, Revision No. 0.

DUKE ENERGY OHIO, INC.

By

Title

Date

Brian Bullock

VP Regulatory & Community Relations

10/16/2019

COLUMBIA GULF TRANSMISSION, LLC

By

Title

Date

Carol Wehner

Manager, Transmission Contracts

10-17-19

Appendix A to Service Agreement No 154403
Under Rate Schedule FTS-1
between Columbia Gulf Transmission, LLC ("Transporter")
and Duke Energy Ohio, Inc. ("Shipper").

<u>Transportation Demand</u>					
<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>		<u>Recurrence Interval</u>	
11/01/2019	10/31/2024	21,000		1/1 - 12/31	
<u>Primary Receipt Points</u>					
<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	801	GULF-LEACH	21,000	1/1 - 12/31
<u>Primary Delivery Points</u>					
<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	MEANS	MEANS	21,000	1/1 - 12/31

The Master List of Interconnects ("MLI") as defined in Section 1 of the General Terms and Conditions of Transporter's Tariff is incorporated herein by reference for purposes of listing valid secondary interruptible receipt points and delivery points.

Transporter and Shipper have mutually agreed to the following maximum or minimum pressure commitments:

☐ Yes ☒ No (Check applicable blank) Transporter and Shipper have mutually agreed to a Regulatory Restructuring Reduction Option pursuant to Section 33 of the General Terms and Conditions of Transporter's FERC Gas Tariff.

☒ Yes ☐ No (Check applicable blank) Shipper has a contractual right of first refusal equivalent to the right of first refusal set forth from time to time in Section 4 of the General Terms and Conditions of Transporter's FERC Gas Tariff.

☐ Yes ☒ No (Check applicable blank) This Service Agreement covers interim capacity sold pursuant to the provisions of General Terms and Conditions Section 4. Right of first refusal rights, if any, applicable to this interim capacity are limited as provided for in General Terms and Conditions Section 4.

DUKE ENERGY OHIO, INC.

By

Title

Date

Bone Barry
VP Regulatory & Community Relations
10/16/2019

COLUMBIA GULF TRANSMISSION, LLC

By

Title

Date

Carol Wehman
Manager, Transportation Contracts
10-17-19

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 4 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022

SUPPLIER OR TRANSPORTER NAME Texas Gas Transmission, LLC
TARIFF SHEET REFERENCE Fourth Revised Volume No. 1 Section 4.4 Version 6.0.0
EFFECTIVE DATE OF TARIFF 4/1/2015 RATE SCHEDULE NUMBER NNS-4

TYPE GAS PURCHASED ☒ NATURAL ☐ LIQUIFIED ☐ SYNTHETIC
UNIT OR VOLUME TYPE ☐ MCF ☐ CCF ☒ OTHER DTH
PURCHASE SOURCE ☒ INTERSTATE ☐ INTRASTATE

INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
CONTRACT DEMAND Nom&Unnom (Nov-Mar)	0.4190	4,718,750	1,977,156
CONTRACT DEMAND Nom&Unnom (April)	0.4190	798,210	334,450
CONTRACT DEMAND Nom (May-Sep)	0.4190	1,680,246	704,023
CONTRACT DEMAND Nom&Unnom (October)	0.4190	968,750	405,906
TOTAL DEMAND			3,421,535
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			3,421,535

NOTE: IF ANY RATE SHOWN ABOVE IS DIFFERENT THAN THE UNIT RATE REPORTED IN PREVIOUS QUARTERLY REPORT,
INDICATE WITH AN ASTERISK (*) AND ATTACH COPY OF SUPPLIER TARIFF SHEET. IF TARIFF SHEET IS NOT
AVAILABLE, THEN PROVIDE A DETAILED EXPLANATION.



Duke Energy
139 East Fourth Street
Cincinnati, OH 45202

October 27, 2017

Ms. Kathy Kirk
Sr. Vice President, Marketing and Origination
Texas Gas Transmission, LLC
9 Greenway Plaza, Suite 2800
Houston, TX 77046

Re: Contract No. 29907 (Rate Schedule NNS)

Dear Ms. Kirk,

Reference is made to the Firm Transportation Agreement Rate Schedule NNS ("Agreement") dated November 18, 2009, between Texas Gas Transmission, LLC ("Texas Gas") and Duke Energy Ohio, Inc. ("Duke") providing for no-notice transportation of natural gas by Texas Gas for Duke. The primary term of the Agreement expired on October 31, 2013. The Agreement was automatically extended for a rollover term of five years at the end of such primary term and the current term will expire October 31, 2018. In accordance with Article 6.2 of the Agreement, the Agreement will automatically extend for an additional rollover term of five years, unless Duke terminates the Agreement by giving 365 days advance written notice prior to expiration. This letter is being sent as a courtesy to notify Texas Gas that Duke intends to allow the Agreement to rollover to a new five year term of November 1, 2018 through **October 31, 2023.**

Please call Jeff Kern at 513-287-2837 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Newlin'.

Karl Newlin
SVP & Chief Commercial Officer Natural Gas

cc: Chuck Hoffman
Jeff Bittel

FORM OF FIRM TRANSPORTATION AGREEMENT
RATE SCHEDULE NNS

Texas Gas Contract Number 29907

THIS AGREEMENT, dated November 18, 2009 made and entered into by and between Texas Gas Transmission, LLC, a Delaware limited liability company, hereinafter referred to as "Texas Gas," and Duke Energy Ohio, Inc., an Ohio corporation, hereinafter referred to as "Customer,"

WITNESSETH:

WHEREAS, Texas Gas desires to provide and Customer desires to receive no-notice service under its NNS Rate Schedule on the terms and conditions set forth herein;

WHEREAS, Texas Gas and Customer desire that effective January 1, 2010, this Agreement supersede and replace the previously effective NNS Agreement No. 405 between Duke Energy Ohio, Inc. and Texas Gas Transmission, LLC dated November 1, 1993;

NOW THEREFORE, Texas Gas and Customer agree as follows:

1 Service: Pursuant to the terms and conditions of this Agreement and Texas Gas' Rate Schedule NNS, Customer agrees to deliver or cause to be delivered to Texas Gas at the Point(s) of Receipt in Exhibit "A" hereunder, gas for transportation and Texas Gas agrees to receive, transport, and redeliver to Customer at the Point(s) of Delivery in Exhibit "B" hereunder, the daily and seasonal quantities of gas set forth herein. The parties agree that the transportation service provided hereunder shall be a firm service provided by combining pipeline capacity (the "Nominated" portion of the service) and storage capacity (the "Unnominated" portion of the service) into a single transportation service as defined in Section 2 of the NNS Rate Schedule.

2. Quantities: Customer's applicable Contract Quantities shall be as set forth below:

Daily Contract Demand			Time Periods
Winter	31,250	MMBtu/D	Each November 1 through March 31
Summer	10,982	MMBtu/D	Each May 1 through September 30
Shoulder Month (April)	26,607	MMBtu/D	Each April 1 through April 30
Shoulder Month (October)	31,250	MMBtu/D	Each October 1 through October 31

Nominated Daily Quantity

Winter	6,250	MMBtu/D	Each November 1 through March 31
Summer	10,982	MMBtu/D	Each April 1 through October 31

Unnominated Daily Quantity

Winter	25,000	MMBtu/D
Shoulder Month (April)	12,500	MMBtu/D
Shoulder Month (October)	17,500	MMBtu/D

Excess Unnominated Daily Quantity 3,125 MMBtu/D

Seasonal Quantity Entitlement

Winter	3,293,750	MMBtu	Each November 1 through March 31
Summer	148	MMBtu	Each April 1 through October 31

Unnominated Seasonal Quantity 2,350,000 MMBtu

3. Points of Receipt: Customer's Primary Point(s) of Receipt shall be as set forth in Exhibit "A". Customer shall have access to available Secondary Points of Receipt, as listed on Texas Gas' Internet Website, in accordance with Section 6.3 of the General Terms and Conditions of Texas Gas' FERC Gas Tariff.

4. Points of Delivery: Customer's Primary Point(s) of Delivery shall be as set forth in Exhibit "B". Customer shall have access to available Secondary Points of Delivery, as listed on Texas Gas' Internet Website, in accordance with Section 6.3 of the General Terms and Conditions of Texas Gas' FERC Gas Tariff.

5. Supply Lateral Capacity: Customer's Supply Lateral Capacity Rights shall be as set forth in Exhibit "C".

6.1 Primary Term: This Agreement shall become effective January 1, 2010 and remain in full force and effect for a primary term beginning January 1, 2010 (with the rates and charges described in Paragraph 7 becoming effective on that date) and extending through October 31, 2013.

6.2 Evergreen/Rollover Term: At the end of such primary term, or any subsequent rollover term, this Agreement shall automatically be extended for an additional rollover term of five (5) years, unless Customer terminates this agreement at the end of such primary or rollover term by giving Texas Gas at least three hundred sixty-five (365) days advance written notice prior to the expiration of such primary or rollover term.

7. Contribution in Aid of Construction: To the extent this agreement is extended pursuant to Section 10.2(c) of the General Terms and Conditions of Texas Gas' FERC Gas Tariff, the terms and conditions related to the modification or construction of any associated delivery point facilities shall be set forth as Exhibit "D".

8. Rates: Unless otherwise agreed to in writing by Texas Gas and Customer, Customer shall pay the applicable maximum rates, charges and fees as prescribed by Rate Schedule NNS for service under this Agreement. Any negotiated or discount rate agreement, as may be agreed to from time to time, shall be set forth separately in writing.

9. Fuel, Use and Unaccounted for Retention: Customer shall reimburse Texas Gas for the quantity of gas required for fuel, company use, and unaccounted for associated with the transportation service hereunder in accordance with Section 9.2 of the General Terms and Conditions of Texas Gas' FERC Gas Tariff.

10. Changes in Rates and Charges: It is further agreed that Texas Gas may, from time to time, seek authorization from the Federal Energy Regulatory Commission and/or other appropriate body for changes to any rate and/or term set forth herein or in Texas Gas' FERC Gas Tariff, as may be found necessary to assure Texas Gas just and reasonable rates. Nothing herein contained shall be construed to deny Customer any rights it may have under the Natural Gas Act, as amended, including the right to participate fully in rate proceedings by intervention or otherwise to contest increased rates in whole or in part.

11. Nominations and Scheduling: As respects the nominated portion of the no-notice service, periodic scheduling of the quantities of service requested shall be provided by Customer to Texas Gas at times and in accordance with the procedures specified in the General Terms and Conditions of Texas Gas' FERC Gas Tariff.

12. Incorporation by Reference: The General Terms and Conditions of Texas Gas' FERC Gas Tariff and the provisions of Rate Schedule NNS, as either or both may change from time to time, are incorporated by reference.

13. Notices: Except as may be otherwise provided, any notice, request, demand, statement, or bill provided for herein or any notice which either party may desire to give the other shall be in writing and shall be given in accordance with Section 25.4 of the General Terms and Conditions of Texas Gas' FERC Gas Tariff to the address or addresses set forth below:

Texas Gas

Texas Gas Transmission, LLC
3800 Frederica Street
Post Office Box 20008
Owensboro, Kentucky 42304
Attention: Gas Accounting (Billings and Statements)
Marketing Services (Other Matters)
Scheduling Services (Nominations)
Fax: (270) 688-6817
Internet Website Address: www.gasquest.txgt.com
Other:

Customer

Duke Energy Ohio, Inc.
139 E 4th St EM025
Cincinnati, OH 45202-4003
Attention: Contract Administration
Fax:
Other:

The address of either party may, from time to time, be changed by a party mailing appropriate notice thereof to the other party or by posting such address change to Texas Gas' Internet Website.

14. Exhibits: As indicated below, the following Exhibits are attached hereto and made a part hereof:
Exhibit "A", Primary Point(s) of Receipt
Exhibit "B", Primary Point(s) of Delivery
Exhibit "C", Supply Lateral Capacity

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by their respective representatives thereunto duly authorized.

DUKE ENERGY OHIO, INC.

TEXAS GAS TRANSMISSION, LLC

By: 

By: 

Title: Pres & COO, VSFERG

Title: SR VP Marketing & Origination

Date of Execution by Customer: 12.3.09

Date of Execution by Texas Gas: 12/31/09

As To Form

EXHIBIT "A"
TO
NNS FIRM TRANSPORTATION AGREEMENT
BETWEEN
TEXAS GAS TRANSMISSION, LLC
AND
DUKE ENERGY OHIO, INC.

CONTRACT NUMBER: 29907

EXHIBIT "A" EFFECTIVE DATE: JANUARY 1, 2010

PRIMARY POINT(S) OF RECEIPT

CONTRACT DEMAND (MMBTU/D): 31,250 WINTER
26,607 APRIL
10,982 SUMMER
31,250 OCTOBER

Lateral	Segment	Zone	Location or Meter No.*	Location or Meter Name	Daily Firm Capacity	
					Winter	Summer
	Eunice					
		SL	9880	ANR - Eunice	2,778	10,982

*Available DRN numbers are posted on Texas Gas' internet website.

EXHIBIT "B"
TO
NNS FIRM TRANSPORTATION AGREEMENT
BETWEEN
TEXAS GAS TRANSMISSION, LLC
AND
DUKE ENERGY OHIO, INC.

CONTRACT NUMBER: 29907

EXHIBIT "B" EFFECTIVE DATE: JANUARY 1, 2010

PRIMARY POINT(S) OF DELIVERY

ZONE 4

CONTRACT QUANTITY(IES)/LOCATION(S)

LOCATION NO. 1229 CONTRACT DEMAND (MMBTU/D): 31,250 WINTER
26,607 APRIL
10,982 SUMMER
31,250 OCTOBER

Location or Meter No.*	Location or Meter Name	Facilities	MDP (psig)**
1229	Duke Energy OH Shipper DE, Butler, OH		
	Butler, Butler, OH		500
	Cinergy-Mason Road, Butler, OH		0
	Dry Fork Road, Hamilton, OH		200
	Duke Energy KY Shipper DE, Butler, OH		
	Fernald-North, Hamilton, OH		500
	Fernald-South, Hamilton, OH		500
	Harrison, Hamilton, OH		400
	Monroe, Butler, OH		0
	Venice, Hamilton, OH		500
	Woodsdale #2, Butler, OH		500

*Available DRN numbers are posted on Texas Gas' internet website.

** Minimum Delivery Pressure

Note: See Facilities Reference report on Texas Gas' Internet website for explanation of facilities

EXHIBIT "C"
TO
NNS FIRM TRANSPORTATION AGREEMENT
BETWEEN
TEXAS GAS TRANSMISSION, LLC
AND
DUKE ENERGY OHIO, INC.
CONTRACT NUMBER 29907

EXHIBIT "C" EFFECTIVE DATE JANUARY 1, 2010

SUPPLY LATERAL CAPACITY

FIRM CONTRACT PATH: Order Sequence Number 1 on Mainline Pipeline
through
Order Sequence Number 41500 on Mainline Pipeline

Supply Lateral	Capacity Rights (MMBtu/D)	
	Winter	Summer
<i><u>Zone 1 Supply Lateral(s)</u></i>		
North Louisiana Leg:	3,557	6,733
Total Zone 1:	3,557	6,733
<i><u>Zone SL Supply Lateral(s)</u></i>		
East Leg:	62	0
Southeast Leg:	2,445	3,407
South Leg:	673	20
Southwest Leg:	627	0
West Leg:	92	0
Total Zone SL:	3,899	3,427
Grand Total:	7,456	10,160

	Base Tariff Rates	
Zone SL		
Daily Demand	0.1800	
Commodity	0.0253	
Overrun	0.2053	
Zone 1		
Daily Demand	0.2782	
Commodity	0.0431	
Overrun	0.3213	
Zone 2		
Daily Demand	0.3088	
Commodity	0.0460	
Overrun	0.3548	
Zone 3		
Daily Demand	0.3543	
Commodity	0.0490	
Overrun	0.4033	
Zone 4		
Daily Demand	0.4190	
Commodity	0.0614	+0.0012 = 0.0626
Overrun	0.4804	

Minimum Rate: Demand \$0-; Commodity - Zone SL	0.0163
Zone 1	0.0186
Zone 2	0.0223
Zone 3	0.0262
Zone 4	0.0308

- The maximum reservation charge component of the maximum firm volumetric capacity release rate shall be the applicable maximum daily demand rate herein pursuant to Section 6.16 of the General Terms and Conditions.

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 5 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022

SUPPLIER OR TRANSPORTER NAME Texas Gas Transmission, LLC
 TARIFF SHEET REFERENCE N/A
 EFFECTIVE DATE OF TARIFF 11/1/2021 RATE SCHEDULE NUMBER STF

TYPE GAS PURCHASED ☒ NATURAL ☐ LIQUIFIED ☐ SYNTHETIC
 UNIT OR VOLUME TYPE ☐ MCF ☐ CCF ☒ OTHER DTH
 PURCHASE SOURCE ☒ INTERSTATE ☐ INTRASTATE

INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
STF - DEMAND (Nov - Mar)	0.2250	13,892,000	3,125,700
STF - DEMAND (Apr - Oct)	0.1400	19,688,000	2,756,320
TOTAL DEMAND			5,882,020
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			5,882,020

NOTE: IF ANY RATE SHOWN ABOVE IS DIFFERENT THAN THE UNIT RATE REPORTED IN PREVIOUS QUARTERLY REPORT,
 INDICATE WITH AN ASTERISK (*) AND ATTACH COPY OF SUPPLIER TARIFF SHEET. IF TARIFF SHEET IS NOT
 AVAILABLE, THEN PROVIDE A DETAILED EXPLANATION.



610 West 2nd Street
P.O. Box 20008
Owensboro, KY 42304-0008
270/926-8686

November 20, 2020

Jeff Patton
Duke Energy Ohio, Inc.
139 E 4th St EX 460
Cincinnati, OH 45022

Re: Discounted Rates Letter Agreement to
STF Service Agreement No. 37259
between TEXAS GAS TRANSMISSION, LLC and
DUKE ENERGY OHIO, INC.
dated July 19, 2018

Dear Jeff:

This Discounted Rates Letter Agreement ("Agreement") specifies additional terms and conditions applicable to the referenced Firm Service Agreement ("Contract") between Texas Gas Transmission, LLC ("Texas Gas") and Duke Energy Ohio, Inc. ("Customer"). This Agreement is subject to all applicable Federal Energy Regulatory Commission ("FERC") regulations. In the event the language of this Agreement conflicts with the Contract, the language of this Agreement will control. In the event the language of this Agreement conflicts with Texas Gas' FERC Gas Tariff currently in effect or any superseding tariff ("Tariff"), the language of the Tariff will control.

1. Texas Gas shall provide primary firm service under the Agreement from Primary Receipt Point(s) to the Primary Delivery Point(s) listed in the attached Exhibit A. The rates charged for this service also shall be set forth in Exhibit A.

(a) The Maximum Contract Quantity(ies) for this Agreement shall be: 92,000 MMBtu per day each winter
23,000 MMBtu per day each summer

(b) In addition to the rate(s) set forth in Exhibit A, Texas Gas shall charge and Customer shall pay all other applicable charges, including but not limited to surcharges, Texas Gas is authorized to charge pursuant to its Tariff.

2. The rates in Exhibit A are applicable only for primary firm transportation service utilizing the Eligible Primary Point(s) specifically listed on Exhibit A, up to Customer's Maximum Contract Quantity. The rates in Exhibit B are applicable only for transportation service utilizing the eligible secondary point(s) specifically listed on Exhibit B. If Customer utilizes any other receipt or delivery point, then the applicable maximum rate(s), including all other applicable charges Texas Gas is authorized to charge pursuant to its Tariff, shall apply unless the parties amend Exhibits A and/or B in writing or execute a separate rate agreement, pursuant to the requirements of the Tariff and prior to nomination, to include such transportation service. If Customer or its Replacement Shipper(s) deliver gas to a point not listed on Exhibit A or B, Customer or its Replacement Shipper(s) shall pay the maximum applicable rate for the quantity delivered to such point(s), up to Customer's or its Replacement Shipper's(s') Maximum Contract Quantity.

3. This Agreement shall be effective beginning November 1, 2021 and shall continue in full force and effect through October 31, 2026.

4. All rates and services described in this Agreement are subject to the terms and conditions of Texas Gas' Tariff. Texas Gas shall have no obligation to make refunds to Customer unless the maximum rate ultimately established by the FERC for any service described herein is less than the rate paid by Customer under this Agreement. Texas Gas shall have the unilateral right to file with the appropriate regulatory authority and make changes effective

in the filed rates, charges, and services in Texas Gas' Tariff, including both the level and design of such rates, charges and services and the general terms and conditions therein.

5. Except as otherwise provided in the FERC's regulations, this Agreement may not be assigned without the express written consent of the other party. Any assignment shall be in accordance with the Tariff and FERC regulations. Such consent shall not be unreasonably withheld. Any assignment made in contravention of this paragraph shall be void at the option of the other party. If such consent is given, this Agreement shall be binding upon and inure to the benefit of the parties and their successors and assigns.

6. In the event any provision of this Agreement is held to be invalid, illegal or unenforceable by any court, regulatory agency, or tribunal of competent jurisdiction, the validity, legality, and enforceability of the remaining provisions, terms or conditions shall not in any way be affected or impaired thereby, and the term, condition, or provision which is held illegal or invalid shall be deemed modified to conform to such rule of law, but only for the period of time such order, rule, regulation, or law is in effect.

7. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED UNDER THE LAWS OF THE COMMONWEALTH OF KENTUCKY, EXCLUDING ANY PROVISION WHICH WOULD DIRECT THE APPLICATION OF THE LAWS OF ANOTHER JURISDICTION.

If Customer agrees with the terms and conditions, please so indicate by signing in the appropriate spaces provided below and returning to Texas Gas.

Very truly yours,

TEXAS GAS TRANSMISSION, LLC

DS
Signature: John Haynes Date: 12/1/2020 | 10:51:43 AM CST
E3B6BF22BE3C465
Name: John Haynes Title: Chief Commercial Officer

DS
Duke Energy Ohio, Inc.
Signature: Bruce P. Barkley Date: 11/24/2020 | 11:54:24 AM CST
D9C47B7CCB0A410
Name: Bruce P. Barkley Title: VP-Rates and Gas Supply

DS
pk

Rate Schedule STF
Agreement/Contract No. 37259
Dated: July 19, 2018

Discounted Rates Letter Agreement dated November 20, 2020
Effective: November 1, 2021

EXHIBIT A

Eligible Primary Receipt Point(s)

All effective primary receipt point(s) listed under the Contract

Eligible Primary Delivery Point(s)

<u>Meter Name</u>	<u>Meter No.</u>	<u>Zone</u>
Duke Energy Ohio Shipper DE	1229	4

Rate(s)

The following rates shall be applicable to any transaction utilizing (i) an Eligible Primary Receipt Point(s) or Eligible Secondary Receipt Point(s); and (ii) an Eligible Primary Delivery Point(s) or Eligible Secondary Delivery Point(s).

Demand: \$0.2250 per MMBtu/day – each winter
\$0.1400 per MMBtu/day – each summer

Commodity: \$0.03 per MMBtu plus applicable surcharges and fuel retention

Any discounted rates listed on this Exhibit A shall apply only to transactions transporting from a receipt point listed above to a delivery point listed above. To the extent Customer and/or its replacement customer delivers gas quantities greater than the contract demand on any day and such deliveries are not daily overrun quantities, then Customer shall pay (i) the applicable maximum demand rate on the entire contract demand for that day; and (ii) for all other charges, the maximum applicable rate on all allocated volumes for that day.

Rate Schedule STF
Agreement/Contract No. 37259
Dated: July 19, 2018

Discounted Rates Letter Agreement dated November 20, 2020
Effective: November 1, 2021

EXHIBIT B

Eligible Secondary Receipt Point(s)

All secondary receipt points located in Texas Gas Rate Zone(s) 1, 2, 3 and 4

Eligible Secondary Delivery Point(s)

<u>Meter Name</u>	<u>Meter No.</u>	<u>Zone</u>
Lebanon-Dominion	1247	4
Lebanon-Columbia Gas	1715	4
Texas Eastern-Lebanon	9959	4
Duke Energy-KY Shipper DE	1872	4

Rate(s)

The rates identified on Exhibit A shall be applicable to any transaction utilizing (i) an eligible Primary Receipt Point(s) or Eligible Secondary Receipt Point(s); and (ii) an Eligible Primary Delivery Point(s) or Eligible Secondary Delivery Point(s).

Any discounted rates listed on this Exhibit B shall only apply to transactions transporting from a receipt point listed above or on Exhibit A to a delivery point listed above or on Exhibit A. All rates listed here or on Exhibit A shall be additive. To the extent Customer and/or its replacement customer delivers gas quantities greater than the contract demand on any day and such deliveries are not daily overrun quantities, then Customer shall pay (i) the applicable maximum demand rate on the entire contract demand for that day; and (ii) for all other charges, the maximum applicable rate on all allocated volumes for that day.

**Currently Effective Minimum Transportation Rates (\$ per MMBtu)
 For Service Under Rate Schedules FT, STF, and IT**

Receipt-Delivery Zone	Minimum Base Rate
SL-SL	0.0028
SL-1	0.0110
SL-2	0.0162
SL-3	0.0218
SL-4	0.0226
1-1	0.0087
1-2	0.0145
1-3	0.0190
1-4	0.0200 + 0.0012 = 0.0212
2-2	0.0071
2-3	0.0116
2-4	0.0126
3-3	0.0058
3-4	0.0068
4-4	0.0023

Backhaul rates equal forward haul rates from Zone SL to zone of delivery; provided, however, that intra-zone rates shall apply to intra-zone transportation, whether such intra-zone transportation is forward haul or backhaul.

**Schedule of Currently Effective Fuel Retention Percentages
 Pursuant to Section 6.9 of the General Terms and Conditions**

NNS/NNL/SGT/SGL/SNS/WNS Rate Schedules

<u>Delivery Fuel Zone</u>	<u>EFRP [1]</u>
South	1.03%
Middle	0.98%
North	1.48%

FT/STF/IT Rate Schedules

<u>Rec/Del Fuel Zone</u>	<u>EFRP</u>
South/South	0.87%
South/Middle	0.82%
South/North	1.30%
Middle/South	0.91%
Middle/Middle	0.10%
Middle/North	0.65%
North/South	1.38%
North/Middle	0.64%
North/North	0.59%

FSS/FSS-M/ISS/ISS-M Rate Schedules

<u>Injection / Withdrawal</u>
0.56%

**Swing Allocation Hybrid Rate
NNS/NNL/SGT/SGL/SNS/WNS**

<u>Delivery Fuel Zone</u>	<u>EFRP</u>
South	0.04%
Middle	0.37%
North	0.52%

[1] Effective Fuel Retention Percentage Schedule of Currently Effective Fuel Retention Percentages Pursuant to Section 6.9 of the General Terms and Conditions

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 6 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022SUPPLIER OR TRANSPORTER NAME K O Transmission Company
TARIFF SHEET REFERENCE Part 4
EFFECTIVE DATE OF TARIFF 4/1/2020 RATE SCHEDULE NUMBER FTSTYPE GAS PURCHASED ☒ NATURAL ☐ LIQUIFIED ☐ SYNTHETIC
UNIT OR VOLUME TYPE ☐ MCF ☐ CCF ☒ OTHER DTH
PURCHASE SOURCE ☒ INTERSTATE ☐ INTRASTATE

INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
FT - DEMAND	2.1979	2,208,000	4,852,963
TOTAL DEMAND			4,852,963
COMMODITY			
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			4,852,963

NOTE: IF ANY RATE SHOWN ABOVE IS DIFFERENT THAN THE UNIT RATE REPORTED IN PREVIOUS QUARTERLY REPORT,
INDICATE WITH AN ASTERISK (*) AND ATTACH COPY OF SUPPLIER TARIFF SHEET. IF TARIFF SHEET IS NOT
AVAILABLE, THEN PROVIDE A DETAILED EXPLANATION.

KO Transmission Company, Tariffs, Rate Schedules and Service Agreements			
Filing Category:	Amendment	Filing Date:	03/06/2020
FERC Docket:	RP20-00635-001	FERC Action:	Accept
FERC Order:	Delegated Letter Order	Order Date:	
	03/25/2020		
Effective Date:	04/01/2020	Status:	Effective
Part 3, Currently Effective Rates, 20.0.0			

**CURRENTLY EFFECTIVE RATES
APPLICABLE TO RATE SCHEDULES FTS AND ITS**

RATE LEVELS - RATE PER DTH

From February 1, 2017 to January 31, 2018 ("Period 1"):

	Base Tariff Rate^{1/}
RATE SCHEDULE FTS	
Reservation Charge ^{2/}	
Maximum	\$2.1280
Daily Rate - Maximum	\$0.0700
Commodity	
Maximum	\$0.0000
Minimum	\$0.0000
Overrun	\$0.0700

From February 1, 2018 to January 31, 2019 ("Period 2"):

	Base Tariff Rate^{1/}
RATE SCHEDULE FTS	
Reservation Charge ^{2/}	
Maximum	\$2.2496
Daily Rate - Maximum	\$0.0740
Commodity	
Maximum	\$0.0000
Minimum	\$0.0000
Overrun	\$0.0740

From February 1, 2019 to January 31, 2019 ("Period 3"):

	Base Tariff Rate^{1/}
RATE SCHEDULE FTS	
Reservation Charge ^{2/}	
Maximum	\$2.2496
Daily Rate - Maximum	\$0.0740

Commodity	
Maximum	\$0.0000
Minimum	\$0.0000
Overrun	\$0.0740

From January 1, 2020 until new generally applicable rates become effective ("Final Daily Recourse Reservation Rate"):

	Base Tariff Rate^{1/}
RATE SCHEDULE FTS	
Reservation Charge ^{2/}	
Maximum	\$2.1979
Daily Rate - Maximum	\$0.0723

Commodity		
Maximum	\$0.0000	$\$0.0000 + \$0.0012 = \$0.0012$
Minimum	\$0.0000	
Overrun	\$0.0723	

RATE SCHEDULE ITS

The daily reservation rates specified above are also applicable to ITS and overrun volumes.

^{1/} ACA assessed where applicable pursuant to Section 154.402 of the Commission's regulations and will be charged pursuant to Section 23 of the General Terms and Conditions at such time that initial and successive annual ACA assessments applicable to Transporter are made and posted on the Commission's website (<<http://www.ferc.gov>>).

^{2/} Minimum reservation charge is \$0.00.

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 7 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022SUPPLIER OR TRANSPORTER NAME Tennessee Gas Pipeline
TARIFF SHEET REFERENCE Sixth Revised Volume No. 1
EFFECTIVE DATE OF TARIFF 11/1/2020 RATE SCHEDULE NUMBER FT-ATYPE GAS PURCHASED ☒ NATURAL ☐ LIQUIFIED ☐ SYNTHETIC
UNIT OR VOLUME TYPE ☐ MCF ☐ CCF ☒ OTHER DTH
PURCHASE SOURCE ☒ INTERSTATE ☐ INTRASTATE

INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
FT-A DEMAND (December thru March)	2.4821 *	96,000	238,282
FT-A DEMAND (April thru November)	4.9158 *	192,000	943,834
TOTAL DEMAND			1,182,116
COMMODITY			
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			1,182,116

NOTE: IF ANY RATE SHOWN ABOVE IS DIFFERENT THAN THE UNIT RATE REPORTED IN PREVIOUS QUARTERLY REPORT,
INDICATE WITH AN ASTERISK (*) AND ATTACH COPY OF SUPPLIER TARIFF SHEET. IF TARIFF SHEET IS NOT
AVAILABLE, THEN PROVIDE A DETAILED EXPLANATION.

Tennessee Gas Pipeline Company, L.L.C.
 FERC NGA Gas Tariff
 Sixth Revised Volume No. 1

Contract is at a discounted rate - see contracts below

Nineteenth Revised Sheet No. 14
 Superseding
 Eighteenth Revised Sheet No. 14

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
RATE SCHEDULE FOR FT-ABase
Reservation Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$4.7485		\$9.92300	\$13.3478	\$13.5840	\$14.9261	\$15.8434	\$19.8779
L		\$4.2156						
1	\$7.1485		\$6.8524	\$9.1192	\$12.9182	\$12.7224	\$14.3480	\$17.6429
2	\$13.3479		\$9.0644	\$4.7144	\$4.4071	\$5.6390	\$7.7558	\$10.0118
3	\$13.5840		\$7.1799	\$4.7525	\$3.4286	\$5.2666	\$9.5251	\$11.0065
4	\$17.2471		\$15.9003	\$6.0594	\$9.2085	\$4.5075	\$4.8747	\$6.9640
5	\$20.5647		\$14.4505	\$6.3563	\$7.6911	\$5.0074	\$4.6970	\$6.1147
6	\$23.7895		\$16.5974	\$11.4230	\$12.5841	\$8.8889	\$4.6763	\$4.0480

Daily Base
Reservation Rate 1/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0								
L	\$0.1561		\$0.3262	\$0.4388	\$0.4466	\$0.4907	\$0.5209	\$0.6535
1	\$0.2350	\$0.1386	\$0.2253	\$0.2998	\$0.4247	\$0.4183	\$0.4717	\$0.5800
2	\$0.4388		\$0.2980	\$0.1550	\$0.1449	\$0.1854	\$0.2550	\$0.3292
3	\$0.4466		\$0.2361	\$0.1562	\$0.1127	\$0.1731	\$0.3132	\$0.3619
4	\$0.5670		\$0.5227	\$0.1992	\$0.3027	\$0.1482	\$0.1603	\$0.2290
5	\$0.6761		\$0.4751	\$0.2090	\$0.2529	\$0.1646	\$0.1544	\$0.2010
6	\$0.7821		\$0.5457	\$0.3756	\$0.4137	\$0.2922	\$0.1537	\$0.1331

Maximum Reservation
Rates 2 /, 3 /

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$4.7973		\$9.9718	\$13.3966	\$13.6328	\$14.9749	\$15.8922	\$19.9267
L		\$4.2644						
1	\$7.1973		\$6.9012	\$9.1680	\$12.9670	\$12.7712	\$14.3968	\$17.6917
2	\$13.3967		\$9.1132	\$4.7632	\$4.4559	\$5.6878	\$7.8046	\$10.0606
3	\$13.6328		\$7.2287	\$4.8013	\$3.4774	\$5.3154	\$9.5739	\$11.0553
4	\$17.2959		\$15.9491	\$6.1082	\$9.2573	\$4.5563	\$4.9235	\$7.0128
5	\$20.6135		\$14.4993	\$6.4051	\$7.7399	\$5.0562	\$4.7458	\$6.1635
6	\$23.8383		\$16.6462	\$11.4718	\$12.6329	\$8.9377	\$4.7251	\$4.0968

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0488.



Tennessee Gas Pipeline
Company, L.L.C.
a Kinder Morgan company

December 17, 2018

Duke Energy Ohio, Inc.
139 East Fourth Street
Cincinnati, OH 45202

Attention: Gennifer Raney

RE: Discounted Rate Agreement ("Letter Agreement")
Amendment No. 1 to Gas Transportation Agreement
Dated November 1, 2016 Service Package No. 321248-FTATGP

Dear Gennifer:

In response to the request of Duke Energy Ohio, Inc. ("Shipper") and pursuant to Section 5.1 Rate Schedule FT-A of Tennessee Gas Pipeline Company L.L.C.'s ("Transporter") FERC Gas Tariff, as may be amended from time to time ("Tariff"), Transporter hereby agrees to adjust its then applicable Rate Schedule FT-A transportation rates for service provided under the above-referenced gas transportation agreement as follows:

1. a) If Shipper attempts to apply this Discounted Rate Agreement to any volumes and/or to any points not eligible for the discount and thereby fails to pay correctly invoiced and undisputed amounts, then, if such failure is not cured within thirty days of provision of notice by Transporter to Shipper of such failure, Transporter shall have the right, in its sole discretion, to immediately terminate this Discounted Rate Agreement with Shipper and/or to assess, from the date of such violation of the terms of this Discounted Rate Agreement, the applicable Base Rate on all transactions occurring under the Service Package for the month(s) in which such limits were exceeded.
- b) For the period commencing April 1, 2019, and extending through March 31, 2022, for gas delivered by on behalf of Shipper to any Zone 2 delivery point under the above referenced gas transportation agreement, the applicable Rate Schedule FT-A rates for volumes received by Transporter from any receipt meter in Zone L/1 or Zone 2 will be the lesser of: a monthly reservation rate equal to (a) \$2.4333 per Dth or (b) Transporter's applicable Base Reservation Rate.

In addition, Shipper shall pay a daily commodity rate of Transporter's applicable Base Commodity Rate. Shipper shall also pay ACA, applicable Fuel and Loss Retention (F&LR) and Electric Power Cost Recovery (EPCR) charges and all applicable surcharges specified in Transporter's Tariff.

- c) Receipts from and/or deliveries to points other than those listed above during the term of this Discounted Rate Agreement shall result in Shipper being assessed Transporter's Base Reservation Rate under Rate Schedule FT-A applicable to the primary path divided by the number of days in the month for the entire gas transportation agreement TQ on the day(s) of such deliveries and Transporter's applicable daily Base Commodity Rates under Rate Schedule FT-A as well as the applicable F&LR and EPCR charges and all applicable surcharges under Rate Schedule FT-A.

Discount 2.4333
GHG .0488
2.4821

DECEMBER 17, 2018

DUKE ENERGY KENTUCKY, INC.

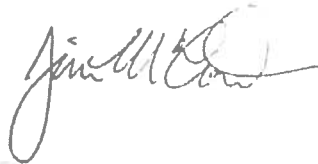
Attn: JEFF KERN

PAGE 2 OF 2

2. If any terms of this Discounted Rate Agreement are expressly disallowed by any order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Transporter may immediately terminate this Discounted Rate Agreement. If any terms of this Discounted Rate Agreement are in any way modified by order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Transporter and Shipper may mutually agree to amend this Discounted Rate Agreement in order to ensure that the original commercial intent of the parties is preserved. In the event that the parties cannot achieve mutual agreement, Transporter reserves the right to immediately terminate this Discounted Rate Agreement.

If Shipper is interested in entering into the Discounted Rate Agreement for firm capacity in accordance with the terms proposed above, please have the authorized representative of Shipper execute this Discounted Rate Agreement, and return to the undersigned. This Discounted Rate Agreement will become binding upon the parties only after it then is accepted and executed by Transporter's authorized representative on the below "Agreed to and Accepted" portion. One fully executed copy will be returned for your records.

Sincerely,



Jim McCord
Account Director, Marketing

TENNESSEE GAS PIPELINE COMPANY, LLC
AGREED TO AND ACCEPTED
THIS 12 DAY OF February, 2019.

By:

Name:

Title:

Ernesto A. Ochoa
Vice President - Commercial

DUKE ENERGY OHIO, INC.

AGREED TO AND ACCEPTED

THIS 6th DAY OF January, 2019.

By:

Name:

Title:

Alexander Weintraub
SVP & Chief Commercial Officer, Natural Gas

GAS TRANSPORTATION AGREEMENT
(For Use Under FT-A Rate Schedule)

EXHIBIT A
AMENDMENT NO. 1
TO GAS TRANSPORTATION AGREEMENT
DATED November 1, 2016
BETWEEN
TENNESSEE GAS PIPELINE COMPANY, L.L.C.
AND
DUKE ENERGY OHIO, INC.

Amendment Effective Date: April 1, 2019

Service Package: 321248-FTATGP

Service Package TQ: 24,000 Dth

BEGINNING DATE	ENDING DATE	TQ
04/01/2019	03/31/2022	24000

BEGINNING DATE	ENDING DATE	METER	METER NAME	INTERCONNECT PARTY NAME	COUNTY	ST	ZONE	R/D	LEG	METER-TQ
04/01/2019	03/31/2022	420049	COL GAS/TGP NORTH MEANS KY MONTGOME	COLUMBIA GAS TRNSM. CORP.	MONTGOMERY	KY	2	D	100	24,000
04/01/2019	03/31/2022	420998	POOLING PT - 800 LEG - ZONE L	TENNESSEE GAS PIPELINE	FRANKLIN	LA	L	R	800	24,000

Total Receipt TQ 24,000
Total Delivery TQ 24,000

Number of Receipt Points: 1
Number of Delivery Points: 1

Contractual ROFR

Notwithstanding anything in Article V, Section 4.1 of Transporter's Tariff to the contrary, Shipper shall have the right to extend the Primary Term of this Agreement pursuant to the procedures set forth in Article V, Section 4.2 of Transporter's Tariff. The rate for any such extension period shall be Transporter's then applicable maximum tariff rate.

Note: Exhibit A is a reflection of the contract and all amendments as of the amendment effective date.





Tennessee Gas Pipeline
Company, L.L.C.
a Kinder Morgan company

April 6, 2021

Duke Energy Ohio, Inc.
139 East Fourth Street
Cincinnati, OH 45202

Attention: Jeff Patton

RE: Discounted Rate Agreement ("Letter Agreement")
Rate Schedule FT-A Service Package No. 321248

Dear Jeff:

In response to the request of Duke Energy Ohio, Inc. ("Shipper") and pursuant to Section 5.1 Rate Schedule FT-A of Tennessee Gas Pipeline Company L.L.C.'s ("Transporter") FERC Gas Tariff, as may be amended from time to time ("Tariff"), Transporter hereby agrees to adjust its then applicable Rate Schedule FT-A transportation rates for service provided under the above-referenced gas transportation agreement as follows:

1. a) If Shipper attempts to apply this Discounted Rate Agreement to any volumes and/or to any points not eligible for the discount and thereby fails to pay correctly invoiced and undisputed amounts, then, if such failure is not cured within thirty days of provision of notice by Transporter to Shipper of such failure, Transporter shall have the right, in its sole discretion, to immediately terminate this Discounted Rate Agreement with Shipper and/or to assess, from the date of such violation of the terms of this Discounted Rate Agreement, the applicable Base Rate on all transactions occurring under the Service Package for the month(s) in which such limits were exceeded.
- b) For the period commencing April 1, 2022, and extending through March 31, 2025, for gas delivered by on behalf of Shipper to any Zone 2 delivery point under the above referenced gas transportation agreement, the applicable Rate Schedule FT-A rates for volumes received by Transporter from any receipt meter in Zone L/1 or Zone 2 will be the lesser of: a monthly reservation rate equal to (a) \$4.867 per Dth or (b) Transporter's applicable Base Reservation Rate.

In addition, Shipper shall pay a daily commodity rate of Transporter's applicable Base Commodity Rate. Shipper shall also pay ACA, applicable Fuel and Loss Retention (F&LR) and Electric Power Cost Recovery (EPCR) charges and all applicable surcharges specified in Transporter's Tariff.

- c) Receipts from and/or deliveries to points other than those listed above during the term of this Discounted Rate Agreement shall result in Shipper being assessed Transporter's Base Reservation Rate under Rate Schedule FT-A applicable to the primary path divided by the number of days in the month for the entire gas transportation agreement TQ on the day(s) of such deliveries and Transporter's applicable daily Base Commodity Rates under Rate Schedule FT-A as well as the applicable F&LR and EPCR charges and all applicable surcharges under Rate Schedule FT-A.

Discount	4.867
GHG	.0488
	4.9158


2. If any terms of this Discounted Rate Agreement are disallowed by any order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Transporter may immediately terminate this Discounted Rate Agreement. If any terms of this Discounted Rate Agreement are in any way modified by order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Transporter and Shipper may mutually agree to amend this Discounted Rate Agreement in order to ensure that the original commercial intent of the parties is preserved. In the event that the parties cannot achieve mutual agreement, Transporter reserves the right to immediately terminate this Discounted Rate Agreement.

If Shipper is interested in entering into the Discounted Rate Agreement for firm capacity in accordance with the terms proposed above, please have the authorized representative of Shipper execute this Discounted Rate Agreement, and return to the undersigned. This Discounted Rate Agreement will become binding upon the parties only after it then is accepted and executed by Transporter's authorized representative on the below "Agreed to and Accepted" portion. One fully executed copy will be returned for your records.

Sincerely,

Adrienne Reid
Account Director, Marketing

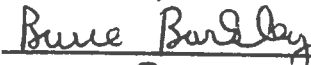
TENNESSEE GAS PIPELINE COMPANY, LLC
AGREED TO AND ACCEPTED
THIS 4th DAY OF May, 2021.

By: 
UF6E74A403824E2

Name: Ernesto A. Ochoa

Title: Vice President - Commercial

DUKE ENERGY OHIO, INC.
AGREED TO AND ACCEPTED
THIS 29th DAY OF April, 2021.

By: 

Name: Bruce Barkley

Title: VP - Rates & Gas Supply

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

FY 2021 GAS ANNUAL CHARGES
CORRECTION FOR ANNUAL CHARGES UNIT CHARGE
June 16, 2021

The annual charges unit charge (ACA) to be applied to in fiscal year 2022 for recovery of FY 2021 Current year and 2020 True-Up is **\$0.0012** per Dekatherm (Dth). The new ACA surcharge will become effective October 1, 2021.

The following calculations were used to determine the FY 2021 unit charge:

2021 CURRENT:

Estimated Program Cost \$73,470,000 divided by 61,333,716,267 Dth = 0.0011978730

2020 TRUE-UP:

Debit/Credit Cost (\$1,115,938) divided by 60,594,054,316 Dth = (0.0000184166)

TOTAL UNIT CHARGE = 0.0011794564

If you have any questions, please contact Raven A. Rodriguez at (202)502-6276 or e-mail at Raven.Rodriguez@ferc.gov.

PUBLIC

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 8 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022SUPPLIER OR TRANSPORTER NAME Eco-Energy
TARIFF SHEET REFERENCE _____
EFFECTIVE DATE OF TARIFF _____ RATE SCHEDULE NUMBER _____TYPE GAS PURCHASED ☒ NATURAL ☐ LIQUIFIED ☐ SYNTHETIC
UNIT OR VOLUME TYPE ☐ MCF ☐ CCF ☒ OTHER DTH
PURCHASE SOURCE ☒ INTERSTATE ☐ INTRASTATE

INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
Various Producers/Marketers	-	-	-
Needle Peaking @ City Gate (Various Suppliers)	-	6,120,000	-
TOTAL DEMAND			-
COMMODITY			
See Commodity Costs sheet, Page 8 of 8.			
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			0
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			-

NOTE: IF ANY RATE SHOWN ABOVE IS DIFFERENT THAN THE UNIT RATE REPORTED IN PREVIOUS QUARTERLY REPORT,
INDICATE WITH AN ASTERISK (*) AND ATTACH COPY OF SUPPLIER TARIFF SHEET. IF TARIFF SHEET IS NOT
AVAILABLE, THEN PROVIDE A DETAILED EXPLANATION.

From:
Sent: Wednesday, November 3, 2021 2:29 PM
To:
Subject: FW: Strip Price & EGC Data

Awarded peaking deal for Ohio.

Dec21 – Feb22

Eco-Energy, 68k per day, \$0.00 reservation fee, TGT delivered (**Total reservation fee = \$0**)

WAIVER REQUESTS

- a) In regard to the above percentage limitations on withdrawals and injections, the Company shall allow deviations from these limitations to the extent that additional flexibility has been granted to the Company by its storage service providers. Waivers shall be granted by the Company on a non-discriminatory basis.

RATE

- a) For all services rendered pursuant to this tariff, Supplier each month shall pay the Company the charges set forth below:
1. Demand Charge: \$11.06, assessed each month on each Dth of the Supplier's MDDQ;
 2. Commodity Charge: \$0.045, per Mcf, applied to all monthly consumption of the supplier's aggregate FT-S, FT-L, RFT and RFT-LI services not included in a pool receiving service under Rider FBS.
- b) Rates will be reviewed quarterly and adjusted based on current charges from the Company's storage service providers.

NON-COMPLIANCE

- a) If Supplier's EFBS bank is less than zero on any day, then the Supplier shall purchase a quantity of natural gas from the Company sufficient to bring the Suppliers EFBS bank up to the minimum percent listed in Service, section (f) above for the month in which the bank became less than zero. The price shall be 110% of the higher of the inventory weighted average cost of gas with its storage service provider or the highest price at which the company purchased gas for that month plus interstate pipeline fuel, commodity and daily reservation charges.
- b) Except in instances when the Suppliers BCQ has been reduced due to a lower MDQ, if Supplier's EFBS bank is greater than 102% of their BCQ on any day, then the amount in excess of the maximum percent listed in Service section (f) above for the month in which the bank exceeded 102% shall be purchased by the Company for a price equal to 90% of the lower of the inventory weighted average cost of gas with its storage service provider or the lowest price at which the company purchased gas for that month plus interstate pipeline fuel, commodity and daily reservation charges.
- c) Supplier must pay any penalties incurred by the Company from one of its storage service providers that can be attributed to actions by the supplier that do not comply with the EFBS tariff.
- d) The Company may recall EFBS from a supplier for Non Compliance with the EFBS tariff. The Supplier will revert to the FBS at the beginning of the revenue month.

Filed pursuant to an Order dated August 25, 2021 in Case No. 21-180-GA-RDR before the Public Utilities Commission of Ohio.

Issued: August 26, 2021

Effective: September 1, 2021

Issued by Amy B. Spiller, President

RATE IMBS

INTERRUPTIBLE MONTHLY BALANCING SERVICE

AVAILABILITY

Interruptible transportation monthly gas balancing service available (1) to customers receiving service under Rate IT who are acting as their own pool for supply management purposes, and (2) to pool operators designated by customers to manage their gas supplies on their behalf, and as a part of an aggregated customer pool. For purposes of this tariff, a pool shall aggregate the requirements of all pool member customers and be treated as a single customer for supply management purposes.

CHARACTER OF SERVICE

The service provided under this tariff is a "best efforts," interruptible, monthly gas balancing service that requires only a general obligation to balance daily pool usage with pool deliveries into the Company's city gate stations and provides that no daily imbalance charges or penalties will be levied on the pool operators, except on those days when operational flow orders (OFO) have been issued. However, pool operators are under a continuing obligation to work with the Company in a good faith manner to respond to both formal and informal system management requests, and to strive to maintain relative daily balancing on the system throughout the course of the month (i.e., avoid zero and flat nominations and make weekend nominations.) For purposes of this tariff, an "Operational Flow Order" shall be defined as "a directive issued by the Company to a pool operator requiring such pool operator to deliver daily gas quantities into the Company's designated receipt points in quantities that match their pool's actual daily measured usage, or in quantities consistent with those requested by the Company, or at specified city gate receipt points as requested by the Company." OFOs shall be issued for operational reasons only, and not for economic considerations. In the event a pool operator violates this tariff or the aggregation agreement, the Company may assess such a violator for all direct incremental gas supply, capacity, or storage costs incurred due to the violation. In addition, if the violations are part of a pattern of noncompliance or of a magnitude that merits additional action be taken, the Company may take steps to suspend or permanently remove a pool operator from participation upon notice. The Company shall have the right to limit or terminate the availability of this service to pool operators guilty of excessive abuse of the system; i.e., engaging in extreme and/or continued violations of the tariff terms and conditions including this general balancing requirement. For purposes of administering this tariff, the daily and monthly usages of all customers within a pool will be combined into single daily/monthly pool usage number, which will be matched against the pool operator's total daily/monthly deliveries to its interruptible transportation pool.

SERVICE DESCRIPTION

Interruptible transportation customers who avail themselves of the service under this rate schedule must conform to the monthly imbalance carry over tolerance level shown below.

	Allowed Monthly Under-Run	Allowed Seasonal Monthly Over-Run		Charge on All Throughput \$0.1222 per Mcf
		May Through November	December Through April	
	%	%	%	
All Pools	0	8	10	

RIDER FBS
FIRM BALANCING SERVICE

APPLICABILITY

Applicable to pools served by gas suppliers/aggregators that secure their own total upstream pipeline capacity necessary to meet the aggregated peak day requirements as more fully described under the Assignment of Capacity provision contained in Rate FRAS, Full Requirements Aggregation Service, Sheet No. 44, and that receive service for such pools under Rider FBS rather than Rider EFBS (Enhanced Firm Balancing Service) as more fully described under the Service provision contained in Rider EFBS, Enhanced Firm Balancing Service, Sheet No. 50.

BALANCING SERVICE CHARGE

The FBS charge, which will be applied to all monthly consumption of the supplier's aggregate FT and RFT services not included in a pool receiving service under Rider EFBS, is \$0.614 per Mcf.

Filed pursuant to an Order dated August 25, 2021 in Case No. 21-180-GA-RDR before the Public Utilities Commission of Ohio.

Issued: August 26, 2021

Effective: September 1, 2021

Issued by Amy B. Spiller, President

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 9 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 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 DECEMBER 2021:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$5.2906	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0741	\$5.3647	\$/Dth
DTH TO MCF CONVERSION	1.0731	\$0.3922	\$5.7569	\$/Mcf
ESTIMATED WEIGHTING FACTOR	47.90%		\$2.7574	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$2.757	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE			\$3.30343	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$3.3187	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.608%	\$0.0534	\$3.3721	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0138	\$3.3859	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0012	\$3.3871	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0474	\$3.4345	\$/Dth
DTH TO MCF CONVERSION	1.0731	\$0.2511	\$3.6856	\$/Mcf
ESTIMATED WEIGHTING FACTOR	40.037%		\$1.4756	\$/Mcf
GAS STORAGE COMMODITY RATE - COLUMBIA GAS			\$1.476	\$/Mcf
TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE			\$3.9185	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0626	\$3.9811	\$/Dth
DUKE ENERGY OHIO FUEL	1.400%	\$0.0557	\$4.0368	\$/Dth
DTH TO MCF CONVERSION	1.0731	\$0.2951	\$4.3319	\$/Mcf
ESTIMATED WEIGHTING FACTOR	11.450%		\$0.4960	\$/Mcf
GAS STORAGE COMMODITY RATE - TEXAS GAS			\$0.496	\$/Mcf

PROPANE :

WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.851	\$/Gal
GALLON TO MCF CONVERSION	15.38	\$12.2386	\$13.0897	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.615%		\$0.081	\$/Mcf
PROPANE COMMODITY RATE			\$0.081	\$/Mcf

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on November 5, 2021

PURCHASED GAS ADJUSTMENT

SCHEDULE I - B
PAGE 1 OF 1

OTHER PRIMARY GAS SUPPLIERS

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2021 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2022

SUPPLIER NAME	UNIT RATE	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT
<u>OTHER GAS COMPANIES</u>			
TOTAL OTHER GAS COMPANIES			-
<u>OHIO PRODUCERS</u>			
TOTAL OHIO PRODUCERS			-
<u>SELF-HELP ARRANGEMENT</u>			
TRANSPORTATION			
OTHER MISCELLANEOUS (SPECIFY)			
Firm Balancing Service (FBS) Credit (1)	0.614	4,153,381	(2,550,176)
Contract Commitment Cost Recovery (CCCR) Credit (1)	-0.025	36,369,730	909,243
EFBS Demand Credit	11.06	1,638,000	(18,116,280)
EFBS Volumetric Credit (1)	0.045	32,216,349	(1,449,736)
FRAS Capacity Assignment	0.223	24,665,723	(5,491,454)
TOTAL SELF-HELP ARRANGEMENT			(26,698,403)
<u>SPECIAL PURCHASES</u>			

FOOTNOTE NO. (1) Unit rate and volumes are in \$/Mcf and Mcf respectively.

PURCHASED GAS ADJUSTMENT
DUKE ENERGY OHIO
ATTACHMENT TO SCHEDULE I

INCLUDABLE PROPANE (PEAK SHAVING @ EASTERN AVE) :

BOOK COST OF INCLUDABLE PROPANE (\$/GAL)		0.90402
INCLUDABLE PROPANE FOR 12 MO. ENDED	<u>10/31/2021</u> (GALS)	57,324
	SUB TOTAL	<u>51,822</u>

INCLUDABLE PROPANE (PEAK SHAVING @ ERLANGER PLANT) :

BOOK COST OF INCLUDABLE PROPANE (\$/GAL)		0.78802
INCLUDABLE PROPANE FOR 12 MO. ENDED	<u>10/31/2021</u> (GALS)	48,123
	SUB TOTAL	<u>37,922</u>

TOTAL DOLLARS 89,744

TOTAL GALLONS 105,447

See Commodity Costs sheet, Page 9 of 9.

WEIGHTED AVERAGE RATE \$0.85108

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 December 1, 2021

Month	Beginning Storage Inventory	Monthly Storage Activity		Ending Storage Inventory	EFBS Balance	Ending Storage Inventory less EFBS
		Injected	Withdrawn			
Oct 2021	\$26,414,658.29	\$2,916,827.82	\$0.00	\$29,331,486.11	\$13,808,161.62	\$15,523,324
Nov 2021	\$29,331,486.11	\$0.00	\$3,364,121.00	\$25,967,365.11	\$13,804,238.07	\$12,163,127
Dec 2021	\$25,967,365.11	\$0.00	\$9,163,104.00	\$16,804,261.11	\$10,837,293.98	\$5,966,967

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 December 1, 2021

Line No.	Ending Storage Balance Month	Estimated Ending Storage Inventory less EFBS (Schedule I - C)	Average Monthly Storage Inventory less EFBS Balance	Average Storage Balance times Monthly Cost of Capital (1)	Estimated Monthly MCF	\$/MCF
				0.8333%		
1	Oct 2021	\$15,523,324				
2	Nov 2021	\$12,163,127	\$13,843,226			
3	Dec 2021	\$5,966,967	\$9,065,047	\$75,539	3,471,427	\$0.022

Note (1): 10% divided by 12 months = 0.8333%

PURCHASE GAS ADJUSTMENT
DUKE ENERGY OHIO
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT
DETAILS FOR THE THREE MONTH PERIOD ENDED August 31, 2021

PARTICULARS			UNIT	AMOUNT
PROJECTED SALES: TWELVE MONTHS ENDED	November 30,	2022	MCF	20,273,713
TOTAL PROJECTED SALES: TWELVE MONTHS ENDED	November 30,	2022	MCF	20,273,713
RATIO OF JURISDICTIONAL SALES TO TOTAL SALES			RATIO	1.000
SUPPLIER REFUNDS RECEIVED AND RECONCILIATION ADJUSTMENTS ORDERED DURING THE THREE MONTH PERIOD	August 31, 2021		\$	0.00
JURISDICTIONAL SHARE OF SUPPLIER REFUNDS AND RECONCILIATION ADJUSTMENTS			\$	0.00
INTEREST FACTOR				1.0550
JURISDICTIONAL SHARE OF SUPPLIER REFUNDS AND RECONCILIATION ADJUSTMENTS, INCLUDING INTEREST			\$	0.00
JURISDICTIONAL SALES: TWELVE MONTHS ENDED	November 30,	2022	MCF	20,273,713
CURRENT SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT			\$/MCF	0.000

DETAILS OF REFUNDS / ADJUSTMENTS
RECEIVED DURING THE THREE MONTH PERIOD ENDED August 31, 2021

PARTICULARS (SPECIFY)	UNIT	AMOUNT
-----------------------	------	--------

SUPPLIER

TOTAL REFUNDS APPLICABLE TO THE CURRENT GCR	\$	0.00
---	----	------

PURCHASE GAS ADJUSTMENT

DUKE ENERGY OHIO
ACTUAL ADJUSTMENT

DETAILS FOR THE THREE MONTH PERIOD ENDED

August 31, 2021

PARTICULARS	UNIT	JUNE	JULY	AUGUST
<u>SUPPLY VOLUME PER BOOKS</u>				
PRIMARY GAS SUPPLIERS	MCF	498,648	434,917	796,004
UTILITY PRODUCTION	MCF	0	0	0
INCLUDABLE PROPANE	MCF	(265)	0	
OTHER VOLUMES (SPECIFY) ADJUSTMENT	MCF	(112)	(8,068)	3,900
TOTAL SUPPLY VOLUMES	MCF	498,271	426,849	799,904
<u>SUPPLY COST PER BOOKS</u>				
PRIMARY GAS SUPPLIERS	\$	4,357,062	4,338,419	5,855,079
TRANSITION COSTS	\$	0	0	0
GAS STORAGE CARRYING COSTS	\$	31,166	60,957	90,222
INCLUDABLE PROPANE	\$	(3,473)	0	0
OTHER COSTS (SPECIFY):				
MANAGEMENT FEE	\$	(269,280)	(269,280)	(269,280)
TRANSPORTATION GAS COST CREDIT	\$	0	0	0
WEIGHTED AVERAGE PIPELINE COST REFUNDED/(BILLED) TO SUPPLIERS	\$	0	0	0
FIRM TRANSPORTATION SUPPLIER COST	\$	19,690	16,062	4,119
CUSTOMER POOL USAGE COST	\$	(1,184,629)	(1,135,504)	(1,156,842)
SALES TO REMARKETERS	\$	0	0	0
RATE "IT" CREDIT	\$	0	0	0
CONTRACT COMMITMENT COSTS RIDER	\$	29,038	23,233	22,015
LOSSES - DAMAGED LINES	\$	(1,388)	3,622	(2,696)
TOTAL SUPPLY COSTS	\$	2,978,186	3,037,509	4,542,617
<u>SALES VOLUMES</u>				
JURISDICTIONAL	MCF	642,326.3	415,336.1	388,274.0
NON-JURISDICTIONAL	MCF	0.0	0.0	0.0
OTHER VOLUMES (SPECIFY):	MCF	0.0	0.0	0.0
TOTAL SALES VOLUMES	MCF	642,326.3	415,336.1	388,274.0
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF	4.637	7.313	11.700
LESS: EGC IN EFFECT FOR THE MONTH	\$/MCF	4.604	4.842	5.487
DIFFERENCE	\$/MCF	0.033	2.471	6.213
TIMES: MONTHLY JURISDICTIONAL SALES	MCF	642,326.3	415,336.1	388,274.0
EQUALS MONTHLY COST DIFFERENCE	\$	21,196.77	1,026,295.50	2,412,346.36

PARTICULARS	UNIT	AMOUNT
TOTAL COST DIFFERENCE FOR THE THREE MONTH PERIOD	\$	3,459,838.63
BALANCE ADJUSTMENT FROM SCHEDULE IV	\$	(373,627.25)
TOTAL COST DIFFERENCE FOR USE IN THE CURRENT AA CALCULATION	\$	3,086,211.38
DIVIDED BY: 12 MONTH PROJECTED SALES ENDED <u>November 30, 2022</u>	MCF	20,273,713
EQUALS CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.152

PURCHASE GAS ADJUSTMENT
DUKE ENERGY OHIO
BALANCE ADJUSTMENT
DETAILS FOR THE THREE MONTH PERIOD ENDED

August 31, 2021

PARTICULARS	UNIT	AMOUNT
COST DIFFERENCE BETWEEN BOOK AND EFFECTIVE EGC AS USED TO COMPUTE AA OF THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR (August 28, 2020)	\$	(4,798,882.97)
LESS: DOLLAR AMOUNT RESULTING FROM THE AA OF \$ (0.233) /MCF AS USED TO COMPUTE THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 18,992,514 MCF FOR THE PERIOD BETWEEN THE EFFECTIVE DATE OF THE CURRENT GCR RATE AND THE EFFECTIVE DATE OF THE GCR IN EFFECT APPROXIMATELY ONE YEAR PRIOR TO THE CURRENT RATE	\$	(4,425,255.72)
BALANCE ADJUSTMENT FOR THE AA	\$	(373,627.25)
DOLLAR AMOUNT OF SUPPLIER REFUNDS AND COMMISSION ORDERED RECONCILIATION ADJUSTMENTS AS USED TO COMPUTE RA OF THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR (August 28, 2020)	\$	0.00
LESS: DOLLAR AMOUNT RESULTING FROM THE UNIT RATE FOR SUPPLIER REFUNDS AND RECONCILIATION ADJUSTMENTS OF \$ 0.000 /MCF AS USED TO COMPUTE RA OF THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 18,992,514 MCF FOR THE PERIOD BETWEEN THE EFFECTIVE DATE OF THE CURRENT GCR RATE AND THE EFFECTIVE DATE OF THE GCR RATE IN EFFECT APPROXIMATELY ONE YEAR PRIOR TO THE CURRENT RATE	\$	0.00
BALANCE ADJUSTMENT FOR THE RA	\$	0.00
DOLLAR AMOUNT OF THE BALANCE ADJUSTMENT AS USED TO COMPUTE BA OF THE GCR IN EFFECT ONE QUARTER PRIOR TO THE CURRENTLY EFFECTIVE GCR (August 28, 2020)	\$	0.00
LESS: DOLLAR AMOUNT RESULTING FROM THE BA OF \$ 0.000 /MCF AS USED TO COMPUTE THE GCR IN EFFECT ONE QUARTER PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 0 MCF FOR THE PERIOD BETWEEN THE EFFECTIVE DATE OF THE CURRENT GCR RATE AND THE EFFECTIVE DATE OF THE GCR RATE IN EFFECT IMMEDIATELY PRIOR TO THE CURRENT RATE	\$	0.00
BALANCE ADJUSTMENT FOR THE BA	\$	0.00
TOTAL BALANCE ADJUSTMENT AMOUNT TO BE INCLUDED WITH CURRENT AA ON SCHEDULE III	\$	(373,627.25)

BA

**This foregoing document was electronically filed with the Public Utilities
Commission of Ohio Docketing Information System on**

11/9/2021 9:44:09 AM

in

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

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