



Duke Energy  
139 E. Fourth Street  
Cincinnati, OH 45202

February 7, 2019

Public Utilities Commission of Ohio  
ATTN: Docketing Division  
11<sup>th</sup> Floor  
180 East Broad Street  
Columbus, Ohio 43215-3793

Docketing Division:

Enclosed for filing is the Duke Energy Ohio ("Duke") gas cost recovery (GCR) report, as required by Section 4901:1-14, O.A.C., for the month commencing March 2019. This filing is based on supplier tariff rates expected to be in effect on March 1, 2019 and the NYMEX close of February 1, 2019 for the month of March 2019.

Duke's GCR rate effective March 2019 is \$3.485 per MCF, which represents a decrease of \$0.099 per MCF from the current GCR rate in effect for February 2019.

Very truly yours,

A handwritten signature in black ink that reads "Douglas J. Heitkamp". The signature is written in a cursive, flowing style.

Douglas J. Heitkamp

Enclosure

cc: Mr. Robert Clark  
J. Kern

r:\gcr/restored\cge/Monthly OHGCRLTR.doc

COMPANY NAME: DUKE ENERGY OHIO

## GAS COST RECOVERY RATE CALCULATIONS

PARTICULARS	UNIT	AMOUNT
EXPECTED GAS COST (EGC)	\$/MCF	3.926
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.015)
ACTUAL ADJUSTMENT (AA)	\$/MCF	(0.426)
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA +BA	\$/MCF	<u>3.485</u>

GAS COST RECOVERY RATE EFFECTIVE DATES: March 1, 2019 THROUGH March 31, 2019

## EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	3.926

## 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	(0.009)
SECOND PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	(0.006)
THIRD PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	<u>(0.015)</u>

## ACTUAL ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.361
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.042)
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT (1)	\$/MCF	(0.291)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.454)
ACTUAL ADJUSTMENT (AA)	\$/MCF	<u>(0.426)</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: February 7, 2018BY: DON WATHENTITLE: DIRECTOR,  
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 March 1, 2019  
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020

<u>DEMAND COSTS</u>	<u>DEMAND</u> EXPECTED GAS COST AMT (\$)	<u>MISC</u> EXPECTED GAS COST AMT (\$)	<u>TOTAL DEMAND</u> EXPECTED GAS COST AMT (\$)
INTERSTATE PIPELINE SUPPLIERS (SCH. I-A)			
Columbia Gas Transmission Corp.	18,110,187	0	18,110,187
Duke Energy Kentucky	603,504	0	603,504
Columbia Gulf Transmission Co.	2,389,275	0	2,389,275
Texas Gas Transmission Corp.	6,909,255	0	6,909,255
K O Transmission Company	4,967,117	0	4,967,117
Tennessee Gas	705,658	0	705,658
PRODUCER/MARKETER (SCH. I - A)	66,150	0	66,150
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)		(17,384,925)	(17,384,925)
TOTAL DEMAND COSTS:	33,751,146	(17,384,925)	\$16,366,221

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:

20,178,460 MCF

DEMAND (FIXED) COMPONENT OF EGC RATE:

\$0.811 /MCF

COMMODITY COSTS:

GAS MARKETERS \$1.586 /MCF  
GAS STORAGE  
COLUMBIA GAS TRANSMISSION \$1.335 /MCF  
TEXAS GAS TRANSMISSION \$0.169 /MCF  
PROPANE \$0.005 /MCF  
STORAGE CARRYING COSTS \$0.020 /MCF  
COMMODITY COMPONENT OF EGC RATE: \$3.115 /MCF

TOTAL EXPECTED GAS COST:

\$3.926 /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 March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020

SUPPLIER OR TRANSPORTER NAME Columbia Gas Transmission, LLC  
TARIFF SHEET REFERENCE Fourth Revised Volume No. 1 V.9/V.8  
EFFECTIVE DATE OF TARIFF 02/1/2015 / 5/1/2018 RATE SCHEDULE NUMBER FSS/SST

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 - FSS MDSQ	1.5010	2,598,168	3,899,850
CONTRACT DEMAND - FSS SCQ	0.0288	110,928,948	3,194,754
CONTRACT DEMAND - SST (Oct-Mar)	5.6530 *	1,299,084	7,343,722
CONTRACT DEMAND - SST (Apr-Sep)	5.6530 *	649,542	3,671,861
TOTAL DEMAND			18,110,187
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			18,110,187

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 FSS  
Rate Per Dth

		Base Tariff Rate 1/	Transportation Cost Rate Adjustment Current	Surcharge	Electric Power Costs Adjustment Current	Surcharge	Annual Charge Adjustment 2/	Total Effective Rate	Daily Rate
Rate Schedule FSS									
Reservation Charge	3/ \$	1.501	-	-	-	-	-	1.501	0.0493
Capacity	3/ ¢	2.88	-	-	-	-	-	2.88	2.88
Injection	¢	1.53	-	-	-	-	-	1.53	1.53
Withdrawal	¢	1.53	-	-	-	-	-	1.53	1.53
Overrun	3/ ¢	10.87	-	-	-	-	-	10.87	10.87

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/ ACA assessed where applicable pursuant to Section 154.402 of the Commission's Regulations.

3/ Shippers utilizing the Eastern Market Expansion (EME) facilities for FSS service will pay a total FSS MDSQ reservation charge of \$4.130 and a total FSS SCQ capacity rate of 6.80 cents. If EME customers incur an overrun for FSS services that is provided under their EME Project service agreements, they will pay a total FSS overrun rate of 23.44 cents. The additional EME demand charges and EME overrun charges can be added to the applicable surcharges above to develop the EME Total Effective Rate.

Currently Effective Rates  
Applicable to Rate Schedule SST  
Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule SST								
Reservation Charge 3/4/	\$	4.324	0.224	0.077	0.062	1.487	6.174	0.2030
Commodity								
Maximum	¢	1.02	0.05	0.80	0.00	0.00	1.87	1.87
Minimum	¢	1.02	0.05	0.80	0.00	0.00	1.87	1.87
Overrun 4/								
Maximum	¢	15.24	0.79	1.05	0.20	4.89	22.17	22.17
Minimum	¢	1.02	0.05	0.80	0.00	0.00	1.87	1.87

- 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/ Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation charge of \$17.625. If EME customers incur an overrun for SST services that is provided under their EME Project service agreements, they will pay a total overrun rate of 58.97 cents. The applicable EME demand charge and EME overrun charge can be added to the applicable surcharges above to calculate the EME Total Effective Rates.

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).

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 9<sup>th</sup> 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

LEGAL
DR 4
3/28/18
DATE
DATE



RETAINAGE PERCENTAGES

Transportation Retainage	1.454%
Gathering Retainage	4.500%
Storage Gas Loss Retainage	0.540%
Ohio Storage Gas Loss Retainage	0.610%
Columbia Processing Retainage 1/	0.000%

1/ 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.

## 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 March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020SUPPLIER OR TRANSPORTER NAME Duke Energy Kentucky

TARIFF SHEET REFERENCE \_\_\_\_\_

EFFECTIVE DATE OF TARIFF 8/1/2018

RATE SCHEDULE NUMBER \_\_\_\_\_

TYPE GAS PURCHASED X NATURAL       LIQUIFIED       SYNTHETICUNIT OR VOLUME TYPE        MCF       CCFX OTHER DTHPURCHASE SOURCE X 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 regulations<sup>1</sup> for approval of a section 311 no-notice interstate transportation rate.<sup>2</sup> 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-

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<sup>1</sup> 18 C.F.R. § 284.123(b)(2)(i) (2018).

<sup>2</sup> Duke Energy Kentucky, Inc., FERC NGPA Gas Tariff, Gas Tariffs, Operating Statement, Section 284.224 Service, 2.0.0.

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,

A handwritten signature in black ink, appearing to read "Marsha K. Palazzi", is written over a faint, larger version of the same signature.

Marsha K. Palazzi, Director  
Division of Pipeline Regulation

## SERVICE AGREEMENT

No. 001

THIS AGREEMENT, made and entered into this 31<sup>st</sup> 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.

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

## 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 March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020SUPPLIER OR TRANSPORTER NAME Columbia Gulf Transmission Corp.  
TARIFF SHEET REFERENCE Third Revised Volume No. 1 V.1. Version 13.0.0  
EFFECTIVE DATE OF TARIFF 7/1/2016 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.



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/
<b><u>Market Zone</u></b>			
Reservation Charge			
Maximum	4.170	4.170	0.1371
Minimum	0.000	0.000	0.000
Commodity		ACA	
Maximum	0.0109	0.0109 + 0.0013 = 0.0122	0.0109
Minimum	0.0109	0.0109	0.0109
Overrun			
Maximum	0.1480	0.1480	0.1480
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. 1

### FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 23<sup>rd</sup> day of September, 2014, 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, 2014, and shall continue in full force and effect until October 31, 2019. 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 5151 San Felipe, Suite 2500, Houston, Texas 77056, Attention: Customer Services and notices to Shipper shall be addressed to it at Duke Energy Ohio, Inc., 139 East Fourth Street, P. O. Box 960, Cincinnati, OH 45202, Attention: Jeff Kern, 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. 0.

DUKE ENERGY OHIO, INC.

By Kruger  
Title President, Midwest & Florida Regions  
Date 9-5-14

COLUMBIA GULF TRANSMISSION, LLC

By Stacy C. [Signature]  
Title EVP  
Date 9-23-14

Appendix A to Service Agreement No. 34688  
 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>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
November 1, 2014	October 31, 2019	49,000		49,000	11/1 - 3/31
November 1, 2014	October 31, 2019	31,500		31,500	4/1 - 10/31
<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>
November 1, 2014	October 31, 2019	2700010	CGT-RAYNE	49,000	11/1 - 3/31
November 1, 2014	October 31, 2019	2700010	CGT-RAYNE	31,500	4/1 - 10/31
<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>
November 1, 2014	October 31, 2019	MEANS	MEANS	49,000	11/1 - 3/31
November 1, 2014	October 31, 2019	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 [Signature]  
Title Pres, Midwest & Florida Regions  
Date 9-5-14

COLUMBIA GULF TRANSMISSION, LLC

By [Signature]  
Title EVP  
Date 9-23-14



1700 MacCorkle Avenue SE  
Charleston, WV 25314  
Phone: 304-357-2514  
Fax: 304-357-2654  
jsydnor@nisource.com

June 12, 2014

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

RE: FTS-1 Service Agreement Nos. 34688  
Discount Letter Amendment

Dear Mr. Kern:

This letter will serve as an amendment to the FTS-1 Service Agreement No. 34688 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:

1. The rate for service, for the period from 11/01/2014 to 10/31/2019, will include a discounted reservation rate, inclusive of reservation surcharges, of \$3.33 for deliveries to the primary delivery point Means and for receipts into Columbia's pipeline system at the primary receipt point Rayne and at the secondary receipt point P20 (Mainline Pool).
2. 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 delivery points other than Means and to receipt points other than Rayne and P20 (Mainline Pool), 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.
3. 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.

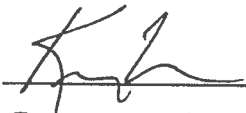
4. The discounted reservation rate will be apportioned in accordance with Section 20 of the General Terms and Conditions of Transporter's FERC Gas Tariff.
5. In addition to the reservation charges set forth above, Shipper must provide all applicable commodity charges, surcharges, overrun charges and retainage charges set forth in Transporter's FERC Gas Tariff from time to time.

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, 8<sup>th</sup> floor North.

Executed and agreed to this 7<sup>th</sup> day of JULY, 2014.

**DUKE ENERGY OHIO, INC.**

**COLUMBIA GULF TRANSMISSION, LLC**

By: 

By: 

Its: Pres., Midwest & Florida Regions Its: VP, COMMERCIAL OPERATIONS

Service Agreement No. 154403

Revision No. 0

### FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 23<sup>rd</sup> day of September, 2014 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, 2014, and shall continue in full force and effect until October 31, 2019. 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 5151 San Felipe, Suite 2500, Houston, Texas 77056, Attention: Customer Services and notices to Shipper shall be addressed to it at Duke Energy Ohio, Inc., 139 East Fourth Street, P. O. Box 960, Cincinnati, OH 45202, Attention: Jeff Kern, 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): N/A.

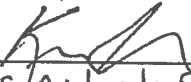


DUKE ENERGY OHIO, INC.

By

Title

Date

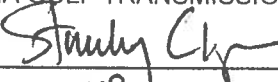
  
Pres. Midwest + Florida Regions  
9-5-14

COLUMBIA GULF TRANSMISSION, LLC

By

Title

Date

  
EVP  
9-25-14

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>Recurrence Interval</u>	
<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
November 1, 2014	October 31, 2019	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>
November 1, 2014	October 31, 2019	801	GULF-LEACH
		<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
		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>
November 1, 2014	October 31, 2019	MEANS	MEANS
		<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
		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 [Signature]  
Title Pres, Midwest & Florida Regions  
Date 9-5-14

COLUMBIA GULF TRANSMISSION, LLC

By [Signature]  
Title VP  
Date 9-23-14



1700 MacCorkle Avenue SE  
Charleston, WV 25314  
Phone: 304-357-2514  
Fax: 304-357-2654  
jsydnor@nisource.com

June 12, 2014

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

RE: FTS-1 Service Agreement Nos. 154403  
Discount Letter Amendment

Dear Mr. Kern:

This letter will serve as an amendment to the FTS-1 Service Agreement No. 154403 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:

1. The rate for service, for the period from 11/01/2014 to 10/31/2019, will include a discounted reservation rate, inclusive of reservation surcharges, of ~~\$3.33~~ for deliveries to the primary delivery point Means and for receipts into Columbia's pipeline system at the primary receipt point Leach and at the secondary receipt point P20 (Mainline Pool).
2. 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 delivery points other than Means and to receipt points other than Leach and P20 (Mainline Pool), 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.
3. 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.

Page 1

4. The discounted reservation rate will be apportioned in accordance with Section 20 of the General Terms and Conditions of Transporter's FERC Gas Tariff.
5. In addition to the reservation charges set forth above, Shipper must provide all applicable commodity charges, surcharges, overrun charges and retainage charges set forth in Transporter's FERC Gas Tariff from time to time.

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, 8<sup>th</sup> floor North.

Executed and agreed to this 7<sup>th</sup> day of JULY, 2014.

**DUKE ENERGY OHIO, INC.**

**COLUMBIA GULF TRANSMISSION, LLC**

By: 

By: 

Its: Pres, midwest + Florida Regions

Its: VP, COMMERCIAL OPERATIONS

## 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 March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020SUPPLIER OR TRANSPORTER NAME Texas Gas Transmission, LLC  
TARIFF SHEET REFERENCE Fourth Revised Volume No. 1 Section 4.4 Version 5.0.0  
EFFECTIVE DATE OF TARIFF 4/1/2015 RATE SCHEDULE NUMBER NNS-4TYPE 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](http://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.

By: 

Title: Pres & COO, VSFERG

Date of Execution by Customer: 12.3.09

TEXAS GAS TRANSMISSION, LLC

By: 

Title: BR VP Marketing & Origination

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

*WJB  
12/15/09  
Dwm*

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
North Louisiana	Sharon - East					
		1	2632	Dubach	236	664
	Sharon Carthage West					
East		1	2102	Champlin	534	4,583
	Bosco - Eunice					
		SL	2740	Superior-Pure	57	0
Southeast	Eunice East					
		SL	2790	Henry-Hub	393	609
	Maurice - Freshwater					
		SL	9422	Unocal-Freshwater Bayou	499	1,973
South	Youngsville East					
		SL	9173	ANR-Calumet	209	825
	Egan - Eunice					
Southwest		SL	9003	Egan	0	20
	Lowry - Eunice					
Mainline Pipeline		SL	9446	Lowry	547	0
	Clarksdale					
		1	9303	Helena No. 2	1,870	1,870
	Columbia					
		1	8760	Gulf South-Lonewa	519	1,486

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

<b>Supply Lateral</b>	<b>Capacity Rights (MMBtu/D)</b>	
	<b>Winter</b>	<b>Summer</b>
<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

- 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.

Request No. 9976

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

This Agreement is entered into by and between Texas Gas Transmission, LLC, ("Texas Gas") and Duke Energy Ohio, Inc., ("Customer").

Services under this Agreement are provided pursuant to Subpart B or Subpart G, Title 18, of the Code of Federal Regulations. Service is subject to and governed by the applicable Rate Schedule and the General Terms and Conditions of the Texas Gas FERC Gas Tariff ("Tariff") as they exist or may be modified from time to time and such are incorporated by reference. In the event the language of this Agreement conflicts with Texas Gas' then-current Tariff, the language of the Tariff will control.

Receipt and Delivery Points: Primary Receipt and Primary Delivery Points shall be listed on Exhibit "A".

Contract Demand(s): 92,000 MMBtu/day each winter  
23,000 MMBtu/day each summer

Term: This Agreement shall be effective beginning November 1, 2018 and shall continue in full force and effect through October 31, 2021.

At the end of such primary term, or any subsequent rollover term, this Agreement shall automatically be extended for an additional term of one year, unless either party terminates this Agreement at the end of such primary or rollover term by giving the other party at least one year advance written notice prior to the expiration of such primary or rollover term.

Rate: The rate for this Agreement shall be the maximum applicable rate (including all other applicable charges Texas Gas is authorized to charge pursuant to its Tariff) unless the parties have entered into an associated discounted or negotiated rate letter agreement.

Exhibit(s): The following Exhibit(s) are attached and made a part of this Agreement:

Exhibit A, Primary Points

Exhibit B, Contract Notice Address

IF YOU ARE IN AGREEMENT WITH THE FOREGOING, PLEASE INDICATE IN THE SPACE PROVIDED BELOW.

Texas Gas Transmission, LLC

Signature: [Signature]

Date: 8/30/18

Name: Jeffrey L. Britch

Title: VP Marketing & Business Dev - TGT

Duke Energy Ohio, Inc.

Signature: [Signature]

Date: 8/29/2018

Name: Frank Yoho

Title: EVP + President,  
Natural Gas

AK  
per  
GTR  
[Signature]



Rate Schedule: STF  
Agreement No.: 37259  
Primary Point(s) of Delivery  
Effective Date: November 1, 2018

Exhibit A  
Primary Point(s)

Delivery Point Meter No.	Delivery Point Meter Name	Zone	*MDP (psig)
1229	Duke Energy OH Shipper DE, Butler, OH Butler, Butler, OH Cinergy-Mason Road, Butler, OH Dry Fork Road, Hamilton, OH Duke Energy KY Shipper DE, Butler, OH Fernald-North, Hamilton, OH Fernald-South, Hamilton, OH Harrison, Hamilton, OH Monroe, Butler, OH Venice, Hamilton, OH Woodsdale #2, Butler, OH	4	

Transportation Path:

Mainline Pipeline 10001 through Mainline Pipeline 41500

\*Minimum Delivery Pressure

Rate Schedule: STF  
Agreement No.: 37259  
Primary Point(s) of Receipt  
Effective Date: November 1, 2018

Exhibit A

Primary Point(s)

Line	Receipt Point Meter No.	Receipt Point Meter Name	Zone	Daily Firm Capacity MMBtu/day	
				Winter	Summer
Mainline Pipeline	9185	Enable-Bosco	1	92,000	23,000

Rate Schedule: STF  
Agreement No.: 37259  
Contract Notices  
Effective Date: November 1, 2018

EXHIBIT B

Contract Notices:

Customer Correspondence:

Duke Energy Ohio, Inc.  
139 E 4th St EX460  
Cincinnati, OH 45202

Texas Gas Correspondence:

Texas Gas Transmission, LLC  
610 W 2nd St  
Owensboro, KY 42301

Attention:      Contract Administration (Contractual matters)  
                    Commercial Accounting (Invoice matters)  
                    Customer Services (Scheduling and Allocation matters)

(270)926-8686

## 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 March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020

SUPPLIER OR TRANSPORTER NAME Texas Gas Transmission, LLC  
TARIFF SHEET REFERENCE N/A  
EFFECTIVE DATE OF TARIFF 11/1/2018 RATE SCHEDULE NUMBER STF  
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			
STF - DEMAND (Nov - Mar)	0.2050	13,892,000	2,847,860
STF - DEMAND (Apr - Oct)	0.1300	4,922,000	639,860
			0
TOTAL DEMAND			3,487,720
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			3,487,720

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 2<sup>nd</sup> Street  
P.O. Box 20008  
Owensboro, KY 42304-0008  
270/926-8686

October 26, 2018

Mr. Jeff Kern  
Duke Energy Ohio, Inc.  
139 E 4th St EX460  
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 Contract Demand(s) 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 transportation service utilizing the Primary Point(s) specifically listed on Exhibit A, up to Customer's Contract Demand. 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 Exhibits A and/or B, Customer shall pay the maximum applicable rate for the quantity delivered to such point(s), up to Customer's Contract Demand.

3. This Agreement shall be effective beginning November 1, 2018 and shall continue in full force and effect through October 31, 2021.

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.

8. This Agreement supersedes and replaces in its entirety that certain Discounted Rates Letter Agreement by and between Texas Gas and Duke Energy Ohio, Inc., dated July 19, 2018 (Agreement No. 37259).

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

Very Truly Yours,

TEXAS GAS TRANSMISSION, LLC

By: Jeffrey L. Bittel

Name: Jeffrey L. Bittel

Title: VP Mktg & Bus Dev

Date: 10/30/18

ACCEPTED AND AGREED TO this 30 day of October, 2018.

DUKE ENERGY OHIO, INC.

By: Frank Yoho

Name: Frank Yoho

Title: EVP + President, Natural Gas

Signature page to Discounted Rates Letter Agreement, Agreement No. 37259, dated October 26, 2018.

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

Discounted Rates Letter Agreement dated October 26, 2018  
Effective: November 1, 2018

EXHIBIT A

Primary Receipt Point(s)

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

Primary Delivery Point(s)

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

Rate(s)

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

Demand:	\$0.205 per MMBtu/day – each winter \$0.130 per MMBtu/day – each summer
Commodity:	\$0.02 per MMBtu – each winter plus applicable surcharges and fuel retention \$0.03 per MMBtu – each summer plus applicable surcharges and fuel retention

The Discounted Daily Demand Rate is limited to deliveries utilizing the primary receipt and delivery point(s) 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 the applicable maximum daily demand and commodity rates on the entire contract demand for that day.

)  
)

)  
)

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

Discounted Rates Letter Agreement dated October 26, 2018  
Effective: November 1, 2018

**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) a Primary Receipt Point(s) or Eligible Secondary Receipt Point(s); and (ii) a Primary Delivery Point(s) or Eligible Secondary Delivery Point(s).

The Discounted Daily Demand Rate is limited to deliveries utilizing the eligible secondary receipt and delivery point(s) 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 the applicable maximum demand and commodity rates on the entire contract demand for that day.

)  
)



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

<b>Receipt-Delivery Zone</b>	<b>Minimum Base Rate</b>
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 + 0.0013 = 0.0213
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**

<b><u>Delivery Fuel Zone</u></b>	<b><u>EFRP [1]</u></b>
South	1.57%
Middle	1.76%
North	1.70%

**FT/STF/IT Rate Schedules**

<b><u>Rec/Del Fuel Zone</u></b>	<b><u>EFRP</u></b>
South/South	0.86%
South/Middle	0.77%
South/North	1.32%
Middle/South	0.86%
Middle/Middle	0.27%
Middle/North	0.77%
North/South	1.41%
North/Middle	0.54%
North/North	0.54%

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

<b><u>Injection / Withdrawal</u></b>
1.01%

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

<b><u>Delivery Fuel Zone</u></b>	<b><u>EFRP</u></b>
South	0.52%
Middle	1.17%
North	0.81%

[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 March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020

SUPPLIER OR TRANSPORTER NAME K O Transmission Company  
TARIFF SHEET REFERENCE Part 3  
EFFECTIVE DATE OF TARIFF 2/1/2017 RATE SCHEDULE NUMBER FTS

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			
FT - DEMAND	2.2496	2,208,000	4,967,117
TOTAL DEMAND			4,967,117
COMMODITY			
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			4,967,117

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:	Normal	Filing Date:	03/09/2018
FERC Docket:	RP18-00554-000	FERC Action:	Accept
FERC Order:	Delegated Letter Order	Order Date:	
	04/03/2018		
Effective Date:	04/01/2018	Status:	Effective
Part 3, Currently Effective Rates, 17.0.0			

**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):

	<b>Base Tariff Rate<sup>1/</sup></b>
<b>RATE SCHEDULE FTS</b>	
Reservation Charge <sup>2/</sup>	
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):

	<b>Base Tariff Rate<sup>1/</sup></b>
<b>RATE SCHEDULE FTS</b>	
Reservation Charge <sup>2/</sup>	
Maximum	\$2.2496
Daily Rate - Maximum	\$0.0740
Commodity	
Maximum	\$0.0000
Minimum	\$0.0000
Overrun	\$0.0740

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

**Base Tariff Rate<sup>1/</sup>**

**RATE SCHEDULE FTS**Reservation Charge <sup>2/</sup>

Maximum \$2.2496

Daily Rate - Maximum \$0.0740

Commodity

Maximum \$0.0000

+ \$0.0013 = \$0.0013

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<sup>1/</sup>****RATE SCHEDULE FTS**Reservation Charge <sup>2/</sup>

Maximum \$2.1979

Daily Rate - Maximum \$0.0723

Commodity

Maximum \$0.0000

Minimum \$0.0000

Overrun \$0.0723

**RATE SCHEDULE ITS**

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

<sup>1/</sup> 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>).

<sup>2/</sup> Minimum reservation charge is \$0.00.

Transportation Retainage Adjustment 0.333%

NOTE: Utilizing NAESB standards 5.3.22 and 5.3.23, Transporter's Rate Schedule FTS Reservation Charge can be converted to an applicable daily rate by dividing the above monthly rate by 30.4 days.

## 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 March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020SUPPLIER OR TRANSPORTER NAME Tennessee Gas Pipeline

TARIFF SHEET REFERENCE \_\_\_\_\_

EFFECTIVE DATE OF TARIFF 11/1/2016RATE SCHEDULE NUMBER FT-ATYPE GAS PURCHASED X NATURAL       LIQUIFIED       SYNTHETICUNIT OR VOLUME TYPE        MCF       CCFX OTHER DTHPURCHASE SOURCE X INTERSTATE       INTRASTATE

## INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
FT-A DEMAND	2.4502	288,000	705,658
_____			
_____			
_____			
_____			
TOTAL DEMAND			705,658
COMMODITY			
_____			
_____			
_____			
_____			
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
_____			
_____			
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			705,658

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.

## Additional Information

May 18, 2016

Duke Energy Ohio, Inc.  
139 East Fourth Street  
P.O. Box 960  
Cincinnati, OH 45202

Attention: Jeff Kern

RE: Discounted Rate Agreement  
Rate Schedule FT-A Service Package No. 321248

Dear Jeff:

In response to the request of Duke Energy Ohio, Inc. ("Duke OH") and pursuant to Section 5.1 of Tennessee Gas Pipeline Company, L.L.C.'s ("Tennessee") Rate Schedule FT-A, Tennessee 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 Duke OH 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 Tennessee to Duke OH of such failure, Tennessee shall have the right, in its sole discretion, to immediately terminate this Discounted Rate Agreement with Duke OH and/or to assess, from the date of such violation of the terms of this Discounted Rate Agreement, the applicable maximum rate on all transactions occurring under the Service Package for the month(s) in which such limits were exceeded.

b) For the period commencing November 1, 2016, and extending through March 31, 2019, for gas delivered by Tennessee on behalf of Duke OH to any Zone 2 delivery meter under the above referenced gas transportation agreement, the applicable Rate Schedule FT-A rates for volumes received by Tennessee from any Zone L/1 or Zone 2 receipt meter will be:

- i) A monthly reservation rate equal to the lesser of (i) \$2.4334 per Dth, or (ii) Tennessee's maximum applicable monthly reservation rate.
- ii) A daily commodity rate of Tennessee's maximum applicable commodity rate.

c) These rates apply to all secondary receipts and deliveries in the paths and zones described above. In addition, 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 Tennessee's FERC Gas Tariff, as may be in effect from time to time ("Tariff").

d) Receipts from and/or deliveries to points other than those listed above during the term of this Discounted Rate Agreement shall result in Duke OH being assessed Tennessee's maximum reservation rate under Rate Schedule FT-A for 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 Tennessee's maximum daily commodity rates under Rate Schedule FT-A as well as the applicable F&LR and EPCR charges and all surcharges under Rate Schedule FT-A.

2. If any terms of this Discounted Rate Agreement are disallowed by any order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Tennessee 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, Tennessee and Duke OH 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, Tennessee reserves the right to immediately terminate this Discounted Rate Agreement.

If Duke OH 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 Duke OH 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 Tennessee's authorized representative on the below "Agreed to and Accepted" portion. One fully executed copy will be returned for your records.

If an executed Discounted Rate Agreement is not returned via mail, email to [alison\\_stringer@kindermorgan.com](mailto:alison_stringer@kindermorgan.com) or facsimile to 713-369-9305 on or before June 30, 2016, then the Discounted Rate Agreement is nullified, and Duke OH will be billed Tennessee's maximum reservation and commodity rates under Rate Schedule FT-A.

Sincerely,

  
Alison G. Stringer  
Account Director, Marketing

AGREED TO AND ACCEPTED  
THIS 7 DAY OF June, 2016  
TENNESSEE GAS PIPELINE COMPANY, L.L.C.

By:

  
Sital Mody

Name:

Vice President

Title:

Marketing & Business Development

AGREED TO AND ACCEPTED  
THIS 13 DAY OF June, 2016  
DUKE ENERGY OHIO, INC.

By:

Name:

  
Chuck Whitlock

Title:

SVP Midwest Delivery  
& Gas Operations



GAS TRANSPORTATION AGREEMENT  
(For Use Under FT-A Rate Schedule)  
EXHIBIT A  
AMENDMENT NO. 0  
TO GAS TRANSPORTATION AGREEMENT  
DATED November 1, 2016  
BETWEEN  
TENNESSEE GAS PIPELINE COMPANY, L.L.C.  
AND  
DUKE ENERGY OHIO, INC.

Amendment Effective Date: November 1, 2016

Service Package: 321248-FTATGP

Service Package TQ: 24000 Dth

BEGINNING DATE	ENDING DATE	TQ
11/01/2016	03/31/2019	24000

BEGINNING DATE	ENDING DATE	METER	METER NAME	INTERCONNECT PARTY NAME	COUNTY	ST	ZONE	R/D	LEG	METER-TQ
11/01/2016	03/31/2019	420049	COL GAS/TGP NORTH MEANS KY MONTGOME	COLUMBIA GAS TRNSM. CORP.	MONTGOME RY	KY	2	D	100	24000
11/01/2016	03/31/2019	420998	POOLING PT - 800 LEG - ZONE L	TENNESSEE GAS PIPELINE	FRANKLIN	LA	L	R	800	24000

Total Receipt TQ 24000  
Total Delivery TQ 24000

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

Other Provisions Permitted by Tariff under the Applicable Rate Schedule and/or General Terms and Conditions and Pursuant to Article XXXVI of the General Terms and Conditions of Tennessee's FERC Gas Tariff:

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

GAS TRANSPORTATION AGREEMENT  
(For Use Under FT-A Rate Schedule)  
EXHIBIT B  
TO GAS TRANSPORTATION AGREEMENT  
DATED November 1, 2016  
BETWEEN  
TENNESSEE GAS PIPELINE COMPANY, L.L.C.  
AND  
DUKE ENERGY OHIO, INC.

REVENUE REDUCTION OPTION PROVISIONS\*

SERVICE PACKAGE:

OPTION PERIOD(S)	NOT APPLICABLE
OPTION DESCRIPTION	NOT APPLICABLE
OPTION CONSIDERATION	NOT APPLICABLE

ANY LIMITATIONS ON  
THE EXERCISE OF THE  
REVENUE REDUCTION  
OPTION AS BID BY  
THE SHIPPER:

\* NOTICE MUST BE GIVEN AS PROVIDED FOR IN THE NET PRESENT VALUE STANDARD OF THE  
GENERAL TERMS AND CONDITIONS.

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES  
 RATE SCHEDULE FOR FT-A

Base  
 Reservation Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$5.4269		\$11.3406	\$15.2546	\$15.5246	\$17.0584	\$18.1067	\$22.7176
L		\$4.8178						
1	\$8.1697		\$7.8313	\$10.4219	\$14.7637	\$14.5399	\$16.3977	\$20.1633
2	\$15.2547		\$10.3593	\$5.3879	\$5.0367	\$6.4446	\$8.8638	\$11.4421
3	\$15.5246		\$8.2056	\$5.4314	\$3.9184	\$6.0190	\$10.8858	\$12.5789
4	\$19.7110		\$18.1718	\$6.9250	\$10.5240	\$5.1514	\$5.5711	\$7.9589
5	\$23.5025		\$16.5148	\$7.2643	\$8.7898	\$5.7227	\$5.3680	\$6.9882
6	\$27.1880		\$18.9685	\$13.0548	\$14.3818	\$10.1587	\$5.3443	\$4.6263

Daily Base  
 Reservation Rate 1/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.1784		\$0.3728	\$0.5015	\$0.5104	\$0.5608	\$0.5953	\$0.7469
L		\$0.1584						
1	\$0.2686		\$0.2575	\$0.3426	\$0.4854	\$0.4780	\$0.5391	\$0.6629
2	\$0.5015		\$0.3406	\$0.1771	\$0.1656	\$0.2119	\$0.2914	\$0.3762
3	\$0.5104		\$0.2698	\$0.1786	\$0.1288	\$0.1979	\$0.3579	\$0.4136
4	\$0.6480		\$0.5974	\$0.2277	\$0.3460	\$0.1694	\$0.1832	\$0.2617
5	\$0.7727		\$0.5430	\$0.2388	\$0.2890	\$0.1881	\$0.1765	\$0.2297
6	\$0.8939		\$0.6236	\$0.4292	\$0.4728	\$0.3340	\$0.1757	\$0.1521

Maximum Reservation  
 Rates 2 /, 3 /

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$5.4437		\$11.3574	\$15.2714	\$15.5414	\$17.0752	\$18.1235	\$22.7344
L		\$4.8346						
1	\$8.1865		\$7.8481	\$10.4387	\$14.7805	\$14.5567	\$16.4145	\$20.1801
2	\$15.2715		\$10.3761	\$5.4047	\$5.0535	\$6.4614	\$8.8806	\$11.4589
3	\$15.5414		\$8.2224	\$5.4482	\$3.9352	\$6.0358	\$10.9026	\$12.5957
4	\$19.7278		\$18.1886	\$6.9418	\$10.5408	\$5.1682	\$5.5879	\$7.9757
5	\$23.5193		\$16.5316	\$7.2811	\$8.8066	\$5.7395	\$5.3848	\$7.0050
6	\$27.2048		\$18.9853	\$13.0716	\$14.3986	\$10.1755	\$5.3611	\$4.6431

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 \$0.0168.

Discounted Rate:	2.4334
PS/GHG Surcharge:	0.0168
Total	2.4502

## 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 March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020

SUPPLIER OR TRANSPORTER NAME Various Producers / Marketers  
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)	-	1,075,000	66,150
TOTAL DEMAND			66,150
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			66,150

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.

## 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 March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020

SUPPLIER OR TRANSPORTER NAME Commodity Costs  
TARIFF SHEET REFERENCE \_\_\_\_\_  
EFFECTIVE DATE OF TARIFF \_\_\_\_\_ RATE SCHEDULE NUMBER \_\_\_\_\_

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

## GAS COMMODITY RATE FOR MARCH 2019:

## GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$2.6846	\$/Dth
DUKE ENERGY OHIO FUEL	1.000%	\$0.0268	\$2.7114	\$/Dth
DTH TO MCF CONVERSION	1.0683	\$0.1852	\$2.8966	\$/Mcf
ESTIMATED WEIGHTING FACTOR	54.756%		\$1.5861	\$/Mcf
<b>GAS MARKETERS COMMODITY RATE</b>			<b>\$1.586</b>	<b>\$/Mcf</b>

## GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE			\$3.0694	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$3.0847	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.454%	\$0.0449	\$3.1296	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0187	\$3.1483	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0013	\$3.1496	\$/Dth
DUKE ENERGY OHIO FUEL	1.000%	\$0.0315	\$3.1811	\$/Dth
DTH TO MCF CONVERSION	1.0683	\$0.2173	\$3.3984	\$/Mcf
ESTIMATED WEIGHTING FACTOR	39.279%		\$1.3349	\$/Mcf
<b>GAS STORAGE COMMODITY RATE - COLUMBIA GAS</b>			<b>\$1.335</b>	<b>\$/Mcf</b>
TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE			\$2.5839	\$/Dth
TEXAS GAS COMMODITY RATE		\$0.0627	\$2.6466	\$/Dth
DUKE ENERGY OHIO FUEL	1.000%	\$0.0265	\$2.6731	\$/Dth
DTH TO MCF CONVERSION	1.0683	\$0.1826	\$2.8557	\$/Mcf
ESTIMATED WEIGHTING FACTOR	5.927%		\$0.1693	\$/Mcf
<b>GAS STORAGE COMMODITY RATE - TEXAS GAS</b>			<b>\$0.169</b>	<b>\$/Mcf</b>

## PROPANE :

WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.91109	\$/Gal
GALLON TO MCF CONVERSION	15.38	\$13.1014	\$14.0125	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.038%		\$0.0053	\$/Mcf
<b>PROPANE COMMODITY RATE</b>			<b>\$0.005</b>	<b>\$/Mcf</b>

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 2/1/19 and contracted hedging prices.

## PURCHASED GAS ADJUSTMENT

SCHEDULE I - B  
PAGE 1 OF 1

## OTHER PRIMARY GAS SUPPLIERS

DETAILS FOR THE EGC IN EFFECT AS OF March 1, 2019 AND THE PROJECTED  
VOLUME FOR THE TWELVE MONTH PERIOD ENDED February 29, 2020

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)	0.210	3,205,475	(673,150)
Contract Commitment Cost Recovery (CCCR) Credit (1)	-0.042	34,330,174	1,441,867
EFBS Demand Credit	7.10	1,774,800	(12,601,080)
EFBS Volumetric Credit (1)	0.029	31,124,699	(902,616)
FRAS Capacity Assignment	0.163	28,530,308	(4,649,946)
TOTAL SELF-HELP ARRANGEMENT			(17,384,925)
<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)		0.92767
INCLUDABLE PROPANE FOR 12 MO. ENDED	<u>12/31/2018</u> (GALS)	1,537,590
	SUB TOTAL	<u>1,426,376</u>

INCLUDABLE PROPANE (PEAK SHAVING @ ERLANGER PLANT) :

BOOK COST OF INCLUDABLE PROPANE (\$/GAL)		0.84452
INCLUDABLE PROPANE FOR 12 MO. ENDED	<u>12/31/2018</u> (GALS)	383,082
	SUB TOTAL	<u>323,520</u>

TOTAL DOLLARS 1,749,896

TOTAL GALLONS 1,920,672

See Commodity Costs sheet, Page 9 of 9.

WEIGHTED AVERAGE RATE \$0.91109

**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 March 1, 2019

<u>Month</u>	<u>Beginning Storage Inventory</u>	<u>Monthly Storage Activity</u>		<u>Ending Storage Inventory</u>
		<u>Injected</u>	<u>Withdrawn</u>	
January 2019	\$19,690,440	\$0	\$6,857,500	\$12,832,940
February 2019	\$12,832,940	\$0	\$5,026,920	\$7,806,020
March 2019	\$7,806,020	\$0	\$3,324,750	\$4,481,270



**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 March 1, 2019

Line No.	Ending Storage Balance Month	Estimated Ending Storage Inventory (Schedule I - C)	Average Monthly Storage Inventory Balance	Average Storage Balance times Monthly Cost of Capital (1)	Estimated Monthly MCF	\$/MCF
				0.8333%		
1	January 2019	\$12,832,940				
2	February 2019	\$7,806,020	\$10,319,480			
3	March 2019	\$4,481,270	\$6,143,645	\$51,195	2,531,983	\$0.020

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      November 30, 2018**

PARTICULARS			UNIT	AMOUNT
PROJECTED SALES: TWELVE MONTHS ENDED	February 28,	2020	MCF	20,178,460
TOTAL PROJECTED SALES: TWELVE MONTHS ENDED	February 28,	2020	MCF	20,178,460
RATIO OF JURISDICTIONAL SALES TO TOTAL SALES			RATIO	1.000
SUPPLIER REFUNDS RECEIVED AND RECONCILIATION ADJUSTMENTS ORDERED DURING THE THREE MONTH PERIOD	November 30,	2018	\$	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	February 28,	2020	MCF	20,178,460
CURRENT SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT			\$/MCF	0.000

**DETAILS OF REFUNDS / ADJUSTMENTS  
RECEIVED DURING THE THREE MONTH PERIOD ENDED      November 30, 2018**

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 November 30, 2018

PARTICULARS	UNIT	SEPTEMBER	OCTOBER	NOVEMBER
<b>SUPPLY VOLUME PER BOOKS</b>				
PRIMARY GAS SUPPLIERS	MCF	36,400	812,128	4,002,826
UTILITY PRODUCTION	MCF			
INCLUDABLE PROPANE	MCF	0	0	0
OTHER VOLUMES (SPECIFY) ADJUSTMENT	MCF	(17,307)	43,997	(33,625)
TOTAL SUPPLY VOLUMES	MCF	19,093	856,125	3,969,201

**SUPPLY COST PER BOOKS**

PRIMARY GAS SUPPLIERS	\$	1,812,437	5,472,684	13,095,530
TRANSITION COSTS	\$	0	0	0
GAS STORAGE CARRYING COSTS	\$	214,892	225,511	226,273
INCLUDABLE PROPANE	\$	0	0	0
OTHER COSTS (SPECIFY):				
MANAGEMENT FEE	\$	(234,418)	(234,418)	(332,917)
CONTRACT COMMITMENT COSTS RIDER	\$	26,949	34,507	85,328
TRANSPORTATION GAS COST CREDIT	\$	0	0	0
RATE "IT" CREDIT	\$	0	0	0
FIRM TRANSPORTATION SUPPLIER COST	\$	(13,214)	14,893	(64,712)
CUSTOMER POOL USAGE COST	\$	(1,134,633)	(1,115,816)	(1,162,857)
LOSSES - DAMAGED LINES	\$	(3,190)	(255)	(5,248)
SALES TO REMARKETERS	\$	0	0	0
WEIGHTED AVERAGE PIPELINE COST REFUNDED/(BILLED) TO SUPPLIERS	\$	0	0	0
TOTAL SUPPLY COSTS	\$	668,823	4,397,106	11,841,397

**SALES VOLUMES**

JURISDICTIONAL	MCF	316,912.7	445,432.0	1,489,317.8
NON-JURISDICTIONAL	MCF	0.0	0.0	0.0
OTHER VOLUMES (SPECIFY):	MCF	0.0	0.0	0.0
TOTAL SALES VOLUMES	MCF	316,912.7	445,432.0	1,489,317.8
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF	2.110	9.872	7.951
LESS: EGC IN EFFECT FOR THE MONTH	\$/MCF	5.106	4.229	4.174
DIFFERENCE	\$/MCF	(2.996)	5.643	3.777
TIMES: MONTHLY JURISDICTIONAL SALES	MCF	316,912.7	445,432.0	1,489,317.8
EQUALS MONTHLY COST DIFFERENCE	\$	(949,470.45)	2,513,572.78	5,625,153.33

PARTICULARS	UNIT	AMOUNT
TOTAL COST DIFFERENCE FOR THE THREE MONTH PERIOD	\$	7,189,255.66
BALANCE ADJUSTMENT FROM SCHEDULE IV	\$	105,215.33
TOTAL COST DIFFERENCE FOR USE IN THE CURRENT AA CALCULATION	\$	7,294,470.99
DIVIDED BY: 12 MONTH PROJECTED SALES ENDED February 28, 2020	MCF	20,178,460
EQUALS CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.361

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

November 30, 2018

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 ( November 30, 2017 )	\$	6,876,889.37
LESS: DOLLAR AMOUNT RESULTING FROM THE AA OF \$ 0.377 /MCF AS USED TO COMPUTE THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 17,973.770 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	\$	<u>6,776,111.36</u>
BALANCE ADJUSTMENT FOR THE AA	\$	<u>100,778.01</u>
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 ( November 30, 2017 )	\$	(157,326.59)
LESS: DOLLAR AMOUNT RESULTING FROM THE UNIT RATE FOR SUPPLIER REFUNDS AND RECONCILIATION ADJUSTMENTS OF \$ (0.009) /MCF AS USED TO COMPUTE RA OF THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 17,973.770 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	\$	<u>(161,763.91)</u>
BALANCE ADJUSTMENT FOR THE RA	\$	<u>4,437.32</u>
DOLLAR AMOUNT OF THE BALANCE ADJUSTMENT AS USED TO COMPUTE BA OF THE GCR IN EFFECT ONE QUARTER PRIOR TO THE CURRENTLY EFFECTIVE GCR ( November 30, 2017 )	\$	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	\$	<u>0.00</u>
BALANCE ADJUSTMENT FOR THE BA	\$	<u>0.00</u>
TOTAL BALANCE ADJUSTMENT AMOUNT TO BE INCLUDED WITH CURRENT AA ON SCHEDULE III	\$	<u><u>105,215.33</u></u>

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**2/7/2019 10:56:15 AM**

**in**

**Case No(s). 89-8002-GA-TRF, 19-0218-GA-GCR**

Summary: Tariff Duke Energy Ohio GCR March 2019 (2) electronically filed by Mrs. Julie A. Lee on behalf of Heitkamp, Douglas J. and Duke Energy Ohio and Lee, Julie Ann Mrs.