



Duke Energy
139 E. Fourth Street
Cincinnati, OH 45202

November 8, 2018

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

Docketing Division:

Enclosed for filing is the Duke Energy Ohio ("Duke") gas cost recovery (GCR) report, as required by Section 4901:1-14, O.A.C., for the month commencing December 2018. This filing is based on supplier tariff rates expected to be in effect on November 29, 2018 and the NYMEX close of November 6, 2018 for the month of December 2018.

Duke's GCR rate effective December 2018 is \$3.995 per MCF, which represents a decrease of \$0.086 per MCF from the current GCR rate in effect for November 2018.

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	4.517
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.015)
ACTUAL ADJUSTMENT (AA)	\$/MCF	(0.507)
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA +BA	\$/MCF	<u>3.995</u>

GAS COST RECOVERY RATE EFFECTIVE DATES: November 29, 2018 THROUGH January 1, 2019

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	4.517

SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT SUMMARY CALCULATION

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

ACTUAL ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	(0.042)
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.291)
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT (1)	\$/MCF	(0.454)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.280
ACTUAL ADJUSTMENT (AA)	\$/MCF	<u>(0.507)</u>

THIS QUARTERLY REPORT FILED PURSUANT TO ORDER NO. 76-515-GA-ORD
OF THE PUBLIC UTILITIES COMMISSION OF OHIO, DATED OCTOBER 18, 1979.DATE FILED: November 8, 2018BY: DON WATHENTITLE: DIRECTOR,
Rates & Regulatory Strategy-OH

PURCHASED GAS ADJUSTMENT

SCHEDULE I

COMPANY NAME: DUKE ENERGY OHIO

EXPECTED GAS COST RATE CALCULATION

DETAILS FOR THE EGC RATE IN EFFECT AS OF December 1, 2018
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019

<u>DEMAND COSTS</u>	<u>DEMAND EXPECTED GAS COST AMT (\$)</u>	<u>MISC EXPECTED GAS COST AMT (\$)</u>	<u>TOTAL DEMAND EXPECTED GAS COST AMT (\$)</u>
INTERSTATE PIPELINE SUPPLIERS (SCH. I-A)			
Columbia Gas Transmission Corp.	18,172,543	0	18,172,543
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)		(17,311,329)	(17,311,329)
TOTAL DEMAND COSTS:	33,813,502	(17,311,329)	\$16,502,173

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:

20,237,604 MCF

DEMAND (FIXED) COMPONENT OF EGC RATE:

\$0.815 /MCF

COMMODITY COSTS:

GAS MARKETERS
GAS STORAGE
COLUMBIA GAS TRANSMISSION
TEXAS GAS TRANSMISSION
PROPANE
STORAGE CARRYING COSTS
COMMODITY COMPONENT OF EGC RATE:

\$2.111 /MCF
\$1.153 /MCF
\$0.289 /MCF
\$0.095 /MCF
\$0.054 /MCF
\$3.702 /MCF

TOTAL EXPECTED GAS COST:

\$4.517 /MCF

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 1 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019SUPPLIER 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/SSTTYPE 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)	5.6850	1,299,084	7,385,293
CONTRACT DEMAND - SST (Apr-Sep)	5.6850	649,542	3,692,646
TOTAL DEMAND			18,172,543
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/TRANSPORTER			18,172,543

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.

Columbia Gas Transmission, LLC
 FERC Tariff
 Fourth Revised Volume No. 1

V.9.
 Currently Effective Rates
 FSS Rates
 Version 4.0.0

Currently Effective Rates
 Applicable to Rate Schedule FSS
 Rate Per Dth

		Base Tariff Rate 1/	Transportation Cost Rate Adjustment		Electric Power Costs Adjustment		Annual Charge Adjustment 2/	Total Effective Rate	Daily Rate
			Current	Surcharge	Current	Surcharge			
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.

Issued On: December 29, 2014

Effective On: February 1, 2015

Columbia Gas Transmission, LLC
FERC Tariff
Fourth Revised Volume No. 1

V.8,
Currently Effective Rates
SST Rates
Version 50.0.0

Currently Effective Rates
Applicable to Rate Schedule SST
Rate Per Dth

Discount: \$4.198
CCRM: 1.487
Total: \$5.685

		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	0.015	1.487	6.127	0.2015
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	0.05	4.89	22.02	22.02
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.

Issued On: March 29, 2018

Effective On: May 1, 2018

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



March 28, 2018

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

RE: SST Service Agreement No. 79971
Discount Letter Amendment

Dear Mr. Kern:

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

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

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



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

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

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

DUKE ENERGY OHIO, INC.

DR

By: [Signature]

Its: Sr VP and Chief Commercial Officer

COLUMBIA GAS TRANSMISSION, LLC

By: [Signature]

Its: James R. Eckert
Vice President

LEGAL
DR 4
3/08/18
DATE
DATE

KS

Columbia Gas Transmission, LLC
FERC Tariff
Fourth Revised Volume No. 1

V.17.
Currently Effective Rates
Retainage Rates
Version 9.0.0

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.

Issued On: March 1, 2018

Effective On: April 1, 2018

PURCHASED GAS ADJUSTMENT

SCHEDULE I - A
PAGE 2 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019SUPPLIER OR TRANSPORTER NAME Duke Energy Kentucky

TARIFF SHEET REFERENCE _____

EFFECTIVE DATE OF TARIFF 8/1/2018

RATE SCHEDULE NUMBER _____

TYPE GAS PURCHASED ☒ NATURAL☐ LIQUIFIED☐ SYNTHETICUNIT OR VOLUME TYPE ☐ MCF☐ CCF☒ OTHER DTHPURCHASE SOURCE ☒ INTERSTATE☐ INTRASTATE

INCLUDABLE GAS SUPPLIERS

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

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

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, DC 20426

OFFICE OF ENERGY MARKET REGULATION

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

Issued: September 13, 2018

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

Attention: Brian Heslin
Deputy General Counsel

Reference: Petition for Rate Approval

Dear Mr. Heslin:

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

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

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

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

Docket No. PR18-70-000

- 2 -

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

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

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

Sincerely,



Marsha K. Palazzi, Director
Division of Pipeline Regulation

SERVICE AGREEMENT

No. 001

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

WITNESSETH:

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

Section 1

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

Section 2

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

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 December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019

SUPPLIER 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-1

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			
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.

Columbia Gulf Transmission, LLC
 FERC Tariff
 Third Revised Volume No. 1

V.1.
 Currently Effective Rates
 FTS-1 Rates
 Version 13.0.0

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

Rate Schedule FTS-1	Base Rate	Total Effective Rate	Daily Rate
	(1)	(2)	(3)
	1/	1/	1/
Market Zone			
Reservation Charge			
Maximum	4.170	4.170	0.1371
Minimum	0.000	0.000	0.000
Commodity			
Maximum	0.0109	0.0109 + ACA	0.0109
Minimum	0.0109	0.0109 + 0.0013 = 0.0122	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.

Issued On: October 24, 2016

Effective On: July 1, 2016

Service Agreement No. 34688

Revision No. 1

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 23rd 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		11/1 - 3/31
November 1, 2014	October 31, 2019	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>
November 1, 2014	October 31, 2019	2700010	CGT-RAYNE	49,000
November 1, 2014	October 31, 2019	2700010	CGT-RAYNE	31,500
November 1, 2014	October 31, 2019	2700010	CGT-RAYNE	11/1 - 3/31
<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>
November 1, 2014	October 31, 2019	MEANS	MEANS	49,000
November 1, 2014	October 31, 2019	MEANS	MEANS	31,500
November 1, 2014	October 31, 2019	MEANS	MEANS	11/1 - 3/31
November 1, 2014	October 31, 2019	MEANS	MEANS	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 ☒ 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 9-15-14

COLUMBIAGULF 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, 8th floor North.

Executed and agreed to this 7th 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 23rd 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.

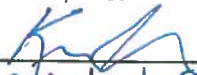
Section 5. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): N/A.

DUKE ENERGY OHIO, INC.

By

Title

Date

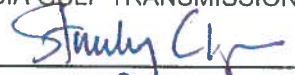

Pres. Midwest + Florida Regions
9-5-14

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>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.
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 ☒ 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

COLUMBIAGULF TRANSMISSION, LLC

By [Signature]
Title VP
Date 9-2-14



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.

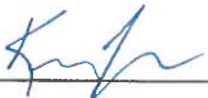
4. The discounted reservation rate will be apportioned in accordance with Section 20 of the General Terms and Conditions of Transporter's FERC Gas Tariff.
5. In addition to the reservation charges set forth above, Shipper must provide all applicable commodity charges, surcharges, overrun charges and 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, 8th floor North.

Executed and agreed to this 7th 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 December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019SUPPLIER 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
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: SR VP Marketing & Origination

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

*12/31/09
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					
		1	2102	Champlin	534	4,583
East	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
	Youngsville East					
		SL	9173	ANR-Calumet	209	825
South	Egan - Eunice					
		SL	9003	Egan	0	20
Southwest	Lowry - Eunice					
		SL	9446	Lowry	547	0
Mainline Pipeline	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

Supply Lateral	Capacity Rights (MMBtu/D)	
	Winter	Summer
<i>Zone 1 Supply Lateral(s)</i>		
North Louisiana Leg:	3,557	6,733
Total Zone 1:	3,557	6,733
<i>Zone SL Supply Lateral(s)</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

**Currently Effective Maximum Transportation Rates (\$ per MMBtu)
 For Service Under Rate Schedule NNS**

	Base Tariff Rates
Zone SL	
Daily Demand	0.1800
Commodity	0.0253
Overrun	0.2053
Zone 1	
Daily Demand	0.2782
Commodity	0.0431
Overrun	0.3213
Zone 2	
Daily Demand	0.3088
Commodity	0.0460
Overrun	0.3548
Zone 3	
Daily Demand	0.3543
Commodity	0.0490
Overrun	0.4033
Zone 4	
Daily Demand	0.4190
Commodity	0.0614 + 0.0013 = 0.0627
Overrun	0.4804

The above rates shall be increased to include the ACA unit charge pursuant to Section 6.9[7] of the General Terms and Conditions.

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

Notes:

- 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. Bittell

Title: VP Marketing & Business Development - TGT

Duke Energy Ohio, Inc.

Signature: [Signature]

Date: 8/29/2018

Name: Frank Yoho

Title: EVP + President,
Natural Gas

LX
BOR
GTR
LH

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 December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019SUPPLIER OR TRANSPORTER NAME Texas Gas Transmission, LLC
TARIFF SHEET REFERENCE N/A
EFFECTIVE DATE OF TARIFF 11/1/2018 RATE SCHEDULE NUMBER STFTYPE GAS PURCHASED ☒ NATURAL ☐ LIQUIFIED ☐ SYNTHETIC
UNIT OR VOLUME TYPE ☐ MCF ☐ CCF ☒ OTHER DTH
PURCHASE SOURCE ☒ INTERSTATE ☐ INTRASTATE

INCLUDABLE GAS SUPPLIERS

PARTICULARS	UNIT RATE (\$ PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
STF - DEMAND (Nov - Mar)	0.2050 *	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 2nd 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 Nat'l Bus Dev

Date: 10/30/18

ACCEPTED AND AGREED TO this 30 day of October, 20 18.

DUKE ENERGY OHIO, INC.

By: Frank Yoho

Name: Frank Yoho

Title: VP + 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**

Receipt-Delivery Zone	Minimum Base Rate
SL-SL	0.0028
SL-1	0.0110
SL-2	0.0162
SL-3	0.0218
SL-4	0.0226
1-1	0.0087
1-2	0.0145
1-3	0.0190
1-4	0.0200 + 0.0013 = 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

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

FT/STF/IT Rate Schedules

<u>Rec/Del Fuel Zone</u>	<u>EFRP</u>
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

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

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

<u>Delivery Fuel Zone</u>	<u>EFRP</u>
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 December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019

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 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			
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:	Amendment	Filing Date:	03/24/2017
FERC Docket:	RP17-554-000	FERC Action:	Accept
FERC Order:	156 FERC ¶ 63,006	Order Date:	
Effective Date:	04/01/2017	Status:	Effective
Part 3, Currently Effective Rates, 14.0.0			

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

RATE LEVELS - RATE PER DTH

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

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

+ \$0.0013 = \$0.0013

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

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

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 December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019

SUPPLIER OR TRANSPORTER NAME Tennessee Gas Pipeline

TARIFF SHEET REFERENCE _____

EFFECTIVE DATE OF TARIFF 11/1/2016 RATE SCHEDULE NUMBER FT-A

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-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 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.

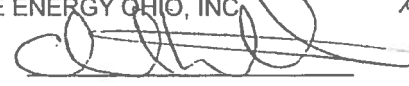
Sincerely,


Alison G. Stringer
Account Director, Marketing

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

By: 
Name: Sital Mody
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		DELIVERY ZONE							
RECEIPT 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/		DELIVERY ZONE							
RECEIPT 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 /		DELIVERY ZONE							
RECEIPT 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 December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019SUPPLIER 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 December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019

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 DECEMBER 2018:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):

DUKE ENERGY OHIO FUEL	1.000%	\$0.0353	\$3.5325	\$/Dth
DTH TO MCF CONVERSION	1.0706	\$0.2519	\$3.5678	\$/Dth
ESTIMATED WEIGHTING FACTOR	55.265%		\$3.8197	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$2.1110	\$/Mcf
			\$2.111	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE

COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE

COLUMBIA GAS TRANS. SST FUEL

COLUMBIA GAS TRANS SST COMMODITY RATE

KO TRANS, COMMODITY RATE

DUKE ENERGY OHIO FUEL

DTH TO MCF CONVERSION

ESTIMATED WEIGHTING FACTOR

GAS STORAGE COMMODITY RATE - COLUMBIA GAS

TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE

TEXAS GAS COMMODITY RATE

DUKE ENERGY OHIO FUEL

DTH TO MCF CONVERSION

ESTIMATED WEIGHTING FACTOR

GAS STORAGE COMMODITY RATE - TEXAS GAS

PROPANE :

WEIGHTED AVERAGE PROPANE INVENTORY RATE

GALLON TO MCF CONVERSION

ESTIMATED WEIGHTING FACTOR

PROPANE COMMODITY RATE

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 11/6/18 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 December 1, 2018 AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2019

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	3,218,130	(675,807)
Contract Commitment Cost Recovery (CCCR) Credit (1)	(0.042)	34,465,698	1,447,559
EFBS Demand Credit	7.10	1,764,360	(12,526,956)
EFBS Volumetric Credit (1)	0.029	31,247,568	(906,179)
FRAS Capacity Assignment	0.163	28,530,308	(4,649,946)
TOTAL SELF-HELP ARRANGEMENT			(17,311,329)
<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)		0.88556
INCLUDABLE PROPANE FOR 12 MO. ENDED	<u>9/30/2018</u> (GALS)	2,281,552
	SUB TOTAL	<u>2,020,451</u>

INCLUDABLE PROPANE (PEAK SHAVING @ ERLANGER PLANT) :

BOOK COST OF INCLUDABLE PROPANE (\$/GAL)		0.86120
INCLUDABLE PROPANE FOR 12 MO. ENDED	<u>9/30/2018</u> (GALS)	535,759
	SUB TOTAL	<u>461,396</u>

TOTAL DOLLARS 2,481,847

TOTAL GALLONS 2,817,311

See Commodity Costs sheet, Page 9 of 9.

WEIGHTED AVERAGE RATE \$0.88093

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

SUPPLEMENTAL MONTHLY REPORT

ESTIMATED COST OF GAS INJECTED AND WITHDRAWN FROM STORAGE

Details for the EGC Rate in Effect as of December 1, 2018

<u>Month</u>	<u>Beginning Storage Inventory</u>	<u>Monthly Storage Activity</u>		<u>Ending Storage Inventory</u>
		<u>Injected</u>	<u>Withdrawn</u>	
October 2018	\$27,127,953	\$0	\$133,272	\$26,994,681
November 2018	\$26,994,681	\$0	\$1,384,151	\$25,610,530
December 2018	\$25,610,530	\$0	\$4,137,291	\$21,473,239

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

SUPPLEMENTAL MONTHLY REPORT

ESTIMATED CONTRACT STORAGE CARRYING COSTS

Details for the EGC Rate in Effect as of December 1, 2018

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
1	October 2018	\$26,994,681		0.8333%		
2	November 2018	\$25,610,530	\$26,302,606			
3	December 2018	\$21,473,239	\$23,541,885	\$196,175	3,600,216	\$0.054

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

PURCHASE GAS ADJUSTMENT
DUKE ENERGY OHIO
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT
DETAILS FOR THE THREE MONTH PERIOD ENDED August 31, 2018

PARTICULARS		UNIT	AMOUNT
PROJECTED SALES: TWELVE MONTHS ENDED	November 30, 2019	MCF	20,237,604
TOTAL PROJECTED SALES: TWELVE MONTHS ENDED	November 30, 2019	MCF	20,237,604
RATIO OF JURISDICTIONAL SALES TO TOTAL SALES		RATIO	1.000
SUPPLIER REFUNDS RECEIVED AND RECONCILIATION ADJUSTMENTS ORDERED DURING THE THREE MONTH PERIOD	August 31, 2018	\$	<u>(163,803.42)</u>
JURISDICTIONAL SHARE OF SUPPLIER REFUNDS AND RECONCILIATION ADJUSTMENTS		\$	(163,803.42)
INTEREST FACTOR			1.0550
JURISDICTIONAL SHARE OF SUPPLIER REFUNDS AND RECONCILIATION ADJUSTMENTS, INCLUDING INTEREST		\$	(172,812.61)
JURISDICTIONAL SALES: TWELVE MONTHS ENDED	November 30, 2019	MCF	20,237,604
CURRENT SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT		\$/MCF	<u><u>(0.009)</u></u>

DETAILS OF REFUNDS / ADJUSTMENTS
RECEIVED DURING THE THREE MONTH PERIOD ENDED August 31, 2018

PARTICULARS (SPECIFY)	UNIT	AMOUNT
<u>SUPPLIER</u>		
Columbia Gas Transmission		163,803.42
TOTAL REFUNDS APPLICABLE TO THE CURRENT GCR	\$	<u><u>163,803.42</u></u>

**PURCHASE GAS ADJUSTMENT
DUKE ENERGY OHIO
ACTUAL ADJUSTMENT**

DETAILS FOR THE THREE MONTH PERIOD ENDED

August 31, 2018

PARTICULARS	UNIT	JUNE	JULY	AUGUST
<u>SUPPLY VOLUME PER BOOKS</u>				
PRIMARY GAS SUPPLIERS	MCF	359,615	343,783	11,107
UTILITY PRODUCTION	MCF	0	0	0
INCLUDABLE PROPANE	MCF	0	0	0
OTHER VOLUMES (SPECIFY) ADJUSTMENT	MCF	(1,629)	(19,131)	(27,866)
TOTAL SUPPLY VOLUMES	MCF	357,986	324,652	(16,759)
<u>SUPPLY COST PER BOOKS</u>				
PRIMARY GAS SUPPLIERS	\$	2,615,983	2,958,530	1,682,444
TRANSITION COSTS	\$	0	0	0
GAS STORAGE CARRYING COSTS	\$	113,789	148,955	185,470
INCLUDABLE PROPANE	\$	0	0	0
OTHER COSTS (SPECIFY):				
MANAGEMENT FEE	\$	(234,418)	(234,418)	(234,418)
CONTRACT COMMITMENT COSTS RIDER	\$	28,920	28,228	25,472
TRANSPORTATION GAS COST CREDIT	\$	0	0	0
RATE "IT" CREDIT	\$	0	0	0
FIRM TRANSPORTATION SUPPLIER COST	\$	24,097	2,786	3,148
CUSTOMER POOL USAGE COST	\$	(1,219,844)	(1,177,136)	(1,146,029)
LOSSES - DAMAGED LINES	\$	(1,761)	(11,401)	(13,345)
SALES TO REMARKETERS	\$	0	0	0
WEIGHTED AVERAGE PIPELINE COST REFUNDED/(BILLED) TO SUPPLIERS	\$	0	0	0
TOTAL SUPPLY COSTS	\$	1,326,766	1,715,544	502,742
<u>SALES VOLUMES</u>				
JURISDICTIONAL	MCF	345,464.4	302,960.0	289,500.1
NON-JURISDICTIONAL	MCF	0.0	0.0	0.0
OTHER VOLUMES (SPECIFY):	MCF	0.0	0.0	0.0
TOTAL SALES VOLUMES	MCF	345,464.4	302,960.0	289,500.1
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF	3.841	5.663	1.737
LESS: EGC IN EFFECT FOR THE MONTH	\$/MCF	4.031	4.596	5.290
DIFFERENCE	\$/MCF	(0.190)	1.067	(3.553)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF	345,464.4	302,960.0	289,500.1
EQUALS MONTHLY COST DIFFERENCE	\$	(65,638.24)	323,258.32	(1,028,593.86)
PARTICULARS	UNIT	AMOUNT		
TOTAL COST DIFFERENCE FOR THE THREE MONTH PERIOD	\$	(770,973.78)		
BALANCE ADJUSTMENT FROM SCHEDULE IV	\$	(81,085.97)		
TOTAL COST DIFFERENCE FOR USE IN THE CURRENT AA CALCULATION	\$	(852,059.75)		
DIVIDED BY: 12 MONTH PROJECTED SALES ENDED <u>November 30, 2019</u>	MCF	20,237,604		
EQUALS CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	(0.042)		

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

August 31, 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 (August 30, 2017)	\$	(1,130,366.82)
LESS: DOLLAR AMOUNT RESULTING FROM THE AA OF \$ (0.060) /MCF AS USED TO COMPUTE THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 17,696,164 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	\$	(1,061,769.87)
BALANCE ADJUSTMENT FOR THE AA	\$	(68,596.95)
DOLLAR AMOUNT OF SUPPLIER REFUNDS AND COMMISSION ORDERED RECONCILIATION ADJUSTMENTS AS USED TO COMPUTE RA OF THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR (August 30, 2017)	\$	(136,362.21)
LESS: DOLLAR AMOUNT RESULTING FROM THE UNIT RATE FOR SUPPLIER REFUNDS AND RECONCILIATION ADJUSTMENTS OF \$ (0.007) /MCF AS USED TO COMPUTE RA OF THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 17,696,164 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	\$	(123,873.19)
BALANCE ADJUSTMENT FOR THE RA	\$	(12,489.02)
DOLLAR AMOUNT OF THE BALANCE ADJUSTMENT AS USED TO COMPUTE BA OF THE GCR IN EFFECT ONE QUARTER PRIOR TO THE CURRENTLY EFFECTIVE GCR (August 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	\$	0.00
BALANCE ADJUSTMENT FOR THE BA	\$	0.00
TOTAL BALANCE ADJUSTMENT AMOUNT TO BE INCLUDED WITH CURRENT AA ON SCHEDULE III	\$	(81,085.97)

BA

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

11/8/2018 4:04:42 PM

in

Case No(s). 18-0218-GA-GCR, 89-8002-GA-TRF

Summary: Tariff Duke Energy Ohio GCR December 2018 (2) electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Heitkamp, Douglas J. and Lee, Julie Ann Mrs.