

February 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 March 2018. This filing is based on supplier tariff rates expected to be in effect on March 1, 2018 and the NYMEX close of February 6, 2018 for the month of March 2018.

Duke's GCR rate effective March 2018 is \$4.385 per MCF, which represents a decrease of \$0.316 per MCF from the current GCR rate in effect for February 2018.

Very truly yours,

Douglas J. Heitkamp

Enclosure

cc:

Mr. Robert Clark

J. Kern

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

COMPANY NAME: <u>DUKE ENERGY OHIO</u>

GAS COST RECOVERY RATE CALCULATIONS

PARTICULARS			UNIT	AMOUNT
EXPECTED GAS COST (EGC) SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA) ACTUAL ADJUSTMENT (AA) GAS COST RECOVERY RATE (GCR) = EGC + RA + AA +BA			\$/MCF \$/MCF \$/MCF \$/MCF	3.913 (0.016) 0.488 4.385
GAS COST RECOVERY RATE EFFECTIVE DATES:	March 1, 2018	THROUGH	April 1, 2018	

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	3.913

SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000
PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	(0.009)
SECOND PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	(0.007)
THIRD PREVIOUS QUARTERLY REPORTED SUPPLIER REFUND & RECONCILIATION ADJUSTMENT	\$/MCF	0.000
SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT (RA)	\$/MCF	(0.016)

ACTUAL ADJUSTMENT SUMMARY CALCULATION

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.280
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.377
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT (1)	\$/MCF	(0.060)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.109)
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.488

THIS QUARTERLY REPORT FILED PURSUANT TO ORDER NO. 76-515-GA-ORD OF THE PUBLIC UTILITIES COMMISSION OF OHIO, DATED OCTOBER 18, 1979.

DATE FILED: February 8, 2018

BY: DON WATHEN

TITLE: DIRECTOR.

Rates & Regulatory Strategy-OH

PURCHASED GAS ADJUSTMENT

COMPANY NAME: DUKE ENERGY OHIO

SCHEDULE

EXPECTED GAS COST RATE CALCULATION

March 1, 2018 February 28, 2019 PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED DETAILS FOR THE EGC RATE IN EFFECT AS OF

18,385,930 MCF 2,389,275 (18,777,757) 19,068,911 522,072 5,808,400 707,040 137,113 4,967,117 \$14,822,171 TOTAL DEMAND **EXPECTED GAS** COST AMT (\$) (18,777,757) (18,777,757) 0000000 EXPECTED GAS COST AMT (\$) MISC 522,072 19,068,911 2,389,275 5,808,400 4,967,117 707,040 137,113 33,599,928 **EXPECTED GAS** COST AMT (\$) DEMAND TOTAL DEMAND COSTS: INTERSTATE PIPELINE SUPPLIERS (SCH. I-A) SELF-HELP ARRANGEMENTS (SCH. 1-B) DEMAND COSTS OTHER GAS COMPANIES (SCH. 1-B) PRODUCER/MARKETER (SCH. 1-A) SPECIAL PURCHASES (SCH. 1-B) Columbia Gas Transmission Corp. OHIO PRODUCERS (SCH. 1-B) Columbia Gulf Transmission Co. Texas Gas Transmission Corp. K O Transmission Company SYNTHETIC (SCH. 1-A) **Duke Energy Kentucky** Tennessee Gas

PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:

DEMAND (FIXED) COMPONENT OF EGC RATE:

\$0.806 /MCF

COMMODITY COSTS:

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

\$3.913 /MCF

\$0.027 /MCF \$3.107 /MCF

/MCF /MCF

\$0.00\$ \$0.624

\$0.075 /MCF

\$2.376 /MCF

TOTAL EXPECTED GAS COST:

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF	March 1, 2018	AND THE PROJECTED	
VOLUME FOR THE TWELVE MONTH PERIOD ENDED	February 28, 2019		
		_	
SUPPLIER OR TRANSPORTER NAME	Columbia Gas Transmis	ssion, LLC	
TARIFF SHEET REFERENCE	Fourth Revised Volume		
EFFECTIVE DATE OF TARIFF	02/1/2015 / 2/1/2018	RATE SCHEDULE NUMBER	FSS/SST
TVDE CAO DUDOUA CED	V		
	X_NATURAL	LIQUIFIED	_SYNTHETIC
UNIT OR VOLUME TYPE	MCF		OTHER DTH
PURCHASE SOURCE_	X_INTERSTATE	INTRASTATE	
INCLUDABLE GAS SUPPLIERS			
	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
	(\$ PER)	VOLUME	(\$)
DEMAND			
CONTRACT DEMAND - FSS MDSQ	1.5010	2,598,168	3,899,850
CONTRACT DEMAND - FSS SCQ	0.0288		3,194,754
CONTRACT DEMAND - SST (Oct-Mar)	6.1450	1 10 10 10 10	
CONTRACT DEMAND - SST (Apr-Sep)	6.1450	.,,	7,982,871
CONTRACT BEIMAND - COT (Apr-Cep)	0.1450	649,542	3,991,436
TOTAL DEMAND			
TOTAL DEMAND			19,068,911
			1
COMMODITY			50
			1 0
COMMODITY			1
OTHER COMMODITY (SPECIFY)			
			1
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	-	
OTHER MISCELLANEOUS (SPECIFY)	_	_	
, ,			i - 1
TOTAL MISCELLANEOUS			
			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER	TRANSPORTER		10,000,044
TO THE BUILD OF TO COOK OF THE WARTER OF THE PERSON	TIVITOL OILIEN		19,068,911

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.

Version 4.0.0

Applicable to Rate Schedule FSS Currently Effective Rates Rate Per Dth

Daily Rate			0.0493	2.88	1.53	1.53	10.87
Total Effective	Rate		1.501	2.88	1.53	1.53	10.87
Annual Charge	Adjustment 2/		1	ı	ŧ	,	1
Electric Power Costs Adjustment	Surcharge		ı	ı	ı	ı	•
Electrii Costs A	Current		ı	1	ı	ı	•
Transportation Cost Rate Adjustment	Surcharge		ı	ı	ı	t	•
Transport Rate Ac	Current		ı		1	ı	
Base Tariff	Rate 1/		1.501	2.88	1.53	1.53	10.87
			3/ \$	ઝ	ષ્ય	ષ્ય	છ
		Rate Schedule FSS	Reservation Charge 3/	Capacity 3/	Injection	Withdrawal	Overrun 3/

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.

Filing Date: 12/29/2017 FERC Action: Accept 01, Order Date: Effective	Discount: \$4.451 CCRM: \$1.694 Total: \$6.145
Columbia Gas Transmission, LLC,Baseline Tariffs Filing Category: FERC Docket: RP18-00298-000 FERC Order: 162 FERC ¶ 61,071 Effective Date: 02/01/2018 Currently Effective Rates, SST Rates, 45.0.0	Currently Effective Rates Applicable to Rate Schedule SST
Columbia Gas T Filing Category: FERC Docket: FERC Order: Effective Date: Currently Effecti:	Currently Eff Applicable to

Rate Per Dth

1/30/2018

Daily Rate 2/	0.2153	2.09	23.62	2.09
Total Effective Rate 2/	6.549	2.09	23.62	2.09
CCRM Rates	1.694	0.00	5.57	0.00
OTRA Rates	-0.016	0.00	-0.05	0.00
EPCA Rates	0.065	1.04	1.25	1.04
TCRA Rates	0.205	0.03	0.70	0.03
Base Tariff Rate 1/2/	4.601	1.02	16.15	1.02
	↔	<i>v v</i>	. 3	O.
	Rate Schedule SST Reservation Charge 3/4/ Commodity	Maximum Minimum	Overrun 4/ Maximum	Minimum

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. 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 Regulations and in accordance with Section 34 of the GTC of Transporter BERC 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. 7

3/ Minimum reservation charge is \$0.00.

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 Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation be added to the applicable surcharges above to calculate the EME Total Effective Rates. 4



July 21, 2016

1700 MacCorkle Avenue SE Charleston, WV 25314 304-357-2514 Office 304-357-2654 Fax

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:

- The rate for service, for the period from 9/01/2016 to 1/31/2019, will include a discounted demand rate of \$4.451, 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 \$5.906, 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 \$6.298, 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 \$6.681, inclusive of all surcharges, for any receipts into Transporter's pipeline system for delivery to the primary delivery points 14 (CINC Gas & Electric OP-7), 13-11 (CINC Gas & Electric-11), and 834696 (KOT DEK MLI) and for delivery to the secondary delivery point STOR (RP Storage Point TCO).

- 5. The above discounted demand rates will be inclusive of demand surcharges at the rates specified in the currently effective Part V.8. (Currently Effective Rates Applicable to Rate Schedule SST) of Transporter's FERC Gas Tariff effective on December 1, 2015.
- 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 9/01/2016 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, 8th floor North.

Executed and agreed to this _ / day of _ September_, 2016.

DUKE ENERGY OHIO, INC.

COLUMBIA GAS TRANSMISSION, LLC

SVP Midwest Delivery

Currently Effective Rates Retainage Rates Version 8.0.0

V.17.

RETAINAGE PERCENTAGES

1.432%	4.000%	0.170%	0.280%	0.000%
Transportation Retainage	Gathering Retainage	Storage Gas Loss Retainage	Ohio Storage Gas Lost Retainage	Columbia Processing Retainage 1/

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.

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF	March 1, 2018	AND THE PROJECTED	
VOLUME FOR THE TWELVE MONTH PERIOD ENDED	February 28, 2019	-	
SUPPLIER OR TRANSPORTER NAME	Duka Farana Kastusha		
TARIFF SHEET REFERENCE	Duke Energy Kentucky	-	
EFFECTIVE DATE OF TARIFF	10/30/2013	RATE SCHEDULE NUMBER	
-			
TYPE GAS PURCHASED_		LIQUIFIED	_SYNTHETIC
UNIT OR VOLUME TYPE	MCF		OTHER DTH
PURCHASE SOURCE	X INTERSTATE	INTRASTATE	
INCLUDABLE GAS SUPPLIERS			
	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
DEMAND	(\$ PER)	VOLUME	(\$)
CONTRACT DEMAND	0.2417	2,160,000	500.070
SOLUTION DELIVING	0.2417	2,160,000	522,072
	1		
	İ		
TOTAL DEMAND			522,072
COMMODITY	94		
COMMODITY OTHER COMMODITY (SPECIFY)			
OTTER COMMODITY (OF ECH 1)			
		1	
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	_		
OTHER MISCELLANEOUS (SPECIFY)	_		
TOTAL MISCELLANEOUS			_
· · · · · · · · · · · · · · · · · · ·			
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIES	R/TRANSPORTER		522.072

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. PR13-56-000

Issued: October 30, 2013

Duke Energy Kentucky, Inc. c/o Thompson Hine LLP 1919 M Street, N.W., Suite 700 Washington, DC 20036-1600

Attention:

Peter C. Lesch

Attorney for Duke Energy Kentucky, Inc.

Reference:

Petition for Rate Approval

Dear Mr. Lesch:

On July 15, 2013, you filed on behalf of Duke Energy Kentucky, Inc. (DE-Kentucky) an application pursuant to section 284.123(b)(2)(i) of the Commission's regulations for approval of section 311 firm transportation rates and minor changes to the Statement of Operating Conditions (SOC). DE-Kentucky proposes to decrease its maximum reservation charge for firm transportation from \$0.2781 per Dth per month to \$0.2417 per Dth per month for section 311 transportation service. DE-Kentucky's commodity charge will remain at the present rate of \$0.0 per Dth. In a supplemental letter of transmittal filed September 16, 2013, DE-Kentucky agreed to file, on or before July 25, 2018, 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, 2018, the referenced tariff record is accepted effective July 25, 2013 as proposed.

¹ 18 C.F.R. § 284.123(b)(2)(i) (2013).

² Duke Energy Kentucky, Inc., FERC NGPA Gas Tariff, Gas Tariffs, Operating Statement, Section 284.224 Service, 1.0.0.

Public notice of the filing was issued on July 17, 2013 with interventions and protests due on or before July 31, 2013. Pursuant to Rule 214 (18 C.F.R § 385.214 (2013)), all timely filed motions to intervene and any unopposed motion to intervene out-of-time filed before the issuance date 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 this order issues, pursuant to 18 C.F.R. § 385.713 (2013).

Sincerely,

Nils Nichols, 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 Color

SHM

Title

President

Duke Energy Kentucky, Inc.

Ву

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 Its March 26 2010 Date Duke Energy Kentucky, Inc. Senior Vice President, Gas Operations March 26, 2010 Date

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF		March 1, 2018	AND THE PROJECTED	
VOLUME FOR THE TWELVE MONTH PERIOD E	NDED	February 28, 2019	_	
			_	
SUPPLIER OR TRANSPORTER		Columbia Gulf Transmis		
TARIFF SHEET REFER		Third Revised Volume N		
EFFECTIVE DATE OF T	ARIFF	7/1/2016	_ RATE SCHEDULE NUMBER	FTS-1
TYPE GAS PURCH	ASED Y	ΝΔΤΙΙΡΔΙ	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME	-	MCF		OTHER DTH
PURCHASE SO			INTRASTATE — A	_0111210
, , , , , , , , , , , , , , , , , , , ,				
INCLUDABLE GAS SUPPLIERS				
MOZODINDEZ ONO CON PENENC		UNIT	TWELVE	EXPECTED GAS
PARTICULARS		RATE	MONTH	COST AMOUNT
		(\$PER)	VOLUME	(\$)
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 (SPECIEV)				
OTHER COMMODITY (SPECIFY)				
3			9	
TOTAL COMMODITY				0
MICOSILIANISOLIO				
MISCELLANEOUS				
TRANSPORTATION		-	-	-
OTHER MISCELLANEOUS (SPECIFY)		-	-	-
TOTAL MISCELLANEOUS				-
TOTAL EVEROTER OLD DOOR OF THE COLUMN				
TOTAL EXPECTED GAS COST OF PRIMARY SI	UPPLIER/TR	ANSPORTER		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.

V.1.

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

Daily Rate (3)	0.1371	0.0109	0.1480
Total Effective Rate (2)	4.170	ACA $0.0109 + 0.0013 = 0.0122$ 0.0109	0.1480
Base Rate (1) 1/	4.170	0.0109	0.1480
Rate Schedule FTS-1	Market Zone Reservation Charge Maximum Minimum	Commodity Maximum Minimum	Overrun Maximum Minimum

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

Service Agreement No. 34688 Revision No. 1

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 33 day of September, 3014, 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. <u>Service to be Rendered</u>. 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

Section 2. <u>Term.</u> 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. <u>Notices</u>. 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. <u>Superseded Agreements</u>. 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 EN	NERGY OHIO, INC.	COLUM	BIA GULF TRANSMISSION, LLC
Ву	- Km/en	Ву	StartyCly
Title	President, Midwest & Florida Region	ης Title	EUP
Date	9-5-14	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")

				ence	3/31	10/31		ence	3/31	0/31
	Recurrence Interval 11/1 - 3/31	4/1 - 10/31		Recurrence	11/1 - 3/31	4/1 - 10/31		Recurrence	11/1 - 3/31	4/1 - 10/31
	Rec ID	4/1		Maximum Daily Quantity (Dth/dav)	49,000	31,500		Maximum Daily Quantity (Dth/day)	49,000	31,500
	Transportation <u>Demand Dth/day</u> 49,000	31,500	ipt Points	Measuring Point Name	CGT-RAYNE	CGT-RAYNE	ary Points	Measuring Point Name	MEANS	MEANS
Transportation Demand	End <u>Date</u> October 31, 2019	October 31, 2019 October 31, 2019	Primary Receipt Points	Measuring Point No.	2700010	2700010	Primary Delivery Points	Measuring <u>Point No.</u>	MEANS	MEANS
L	E <u>D</u> October	October		End <u>Date</u>	October 31, 2019	October 31, 2019		End <u>Date</u>	October 31, 2019	October 31, 2019
.c a	Degin <u>Date</u> November 1, 2014	November 1, 2014		Begin <u>Date</u>	November 1, 2014	November 1, 2014		Begin <u>Date</u>	November 1, 2014	November 1, 2014

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:

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

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

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

DUKE ENERGY OHIO, INC. Midwet Date

+ Florida Regions

4.53.14 Date Title

COLUMBIA-GULF TRANSMISSION, LLC



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.
- 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.

DUKE ENERGY OHIO, INC.

COLUMBIA GULF TRANSMISSION, LLC

By: By: Delet

Its: Pres., Midwest - Florida Regionsts: VP, Commercial OPERATIONS

Service Agreement No. 154403 Revision No. 0

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 23 day of Suprember, 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. <u>Service to be Rendered</u>. 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. <u>Term.</u> 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. <u>Notices</u>. 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. <u>Superseded Agreements</u>. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): N/A.

DUKE E By Title Date	Presiniduest official Regions 9-5-14	COLUI By Title Date	EVP 9-25-14	
				8

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

	Recurrence <u>Interval</u>	1/1 - 12/31	Recurrence Interval	1/1 - 12/31		ē	Recurrence	Interval	1/1 - 12/31	
<u>Transportation Demand</u>	Recui <u>Int</u> e	1/1 -		Maximum Daily Quantity (Dth/day)	21,000			Maximum Daily	Quantity (Dth/day)	21,000
	Transportation <u>Demand Dth/day</u>	21,000	t Points	Measuring Point Name	GULF-LEACH		ry Points	Measuring	Point Name	MEANS
	End <u>Date</u>	October 31, 2019 Primary Receipt Points	Measuring Point No.	801	,	Primary Delivery Points	Measuring	LONGINO.	MEANS	
		October		End <u>Date</u>	October 31, 2019			End	Cale	October 31, 2019
	Begin <u>Date</u>	November 1, 2014		Begin <u>Date</u>	November 1, 2014			Begin Date	2	November 1, 2014

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:

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

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

_ No (Check applicable blank) This Service Agreement covers interim capacity sold pursuant to the provisions of Yes X No (Check applicable blank) This Service Agreement Covers interim Capacity of First refusal rights, if any, applicable to this interim capacity are limited as

Midwesty flandar Recions DUKE ENERGY OHIO, INC. 4-2-6 Pres. Title

COLUMBIA/GULF TRANSMISSION, LLC カル・ころ Date Title



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.
- 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.

PURCHASED GAS ADJUSTMENT

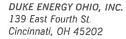
SCHEDULE I - A PAGE 4 OF 9

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF VOLUME FOR THE TWELVE MONTH PERIOD ENDED	March 1, 2018 February 28, 2019			
SUPPLIER OR TRANSPORTER NAME	Texas Gas Transmission	n, LLC		
TARIFF SHEET REFERENCE		No. 1 Section 4.4 Version 5.0.0		
EFFECTIVE DATE OF TARIFF_	4/1/2015	RATE SCHEDULE NUMBER	NNS-4	
TYPE GAS PURCHASED	X NATURAL	LIQUIFIED	SYNTHETIC	
UNIT OR VOLUME TYPE	MCF	— CCF	OTHER DTH	
PURCHASE SOURCE_	X INTERSTATE	INTRASTATE		
INCLUDABLE CAS SUBBLIERS				
INCLUDABLE GAS SUPPLIERS	UNIT	TAIFLAG	EVEROTED AND	
PARTICULARS		TWELVE	EXPECTED GAS	
TANTICULANS	RATE	MONTH	COST AMOUNT	
DEMAND	(\$PER)	VOLUME	(\$)	
CONTRACT DEMAND Nom&Unnom (Nov-Mar)	0.4400			
	0.4190	.,,	1,977,156	
CONTRACT DEMAND Nom&Unnom (April)	0.4190		334,450	
CONTRACT DEMAND Nom (May-Sep)	0.4190	.,,	704,023	
CONTRACT DEMAND Nom&Unnom (October)	0.4190	968,750	405,906	
		İ		
TOTAL BELLLIE				
TOTAL DEMAND			3,421,535	
COMMODITY				
COMMODITY				
COMMODITY	i			
OTHER COMMODITY (SPECIFY)			1	
			l	
T0T11 00111-1-1-1				
TOTAL COMMODITY			-	
MISCELLANEOUS				
TRANSPORTATION	-	-	- 1	
OTHER MISCELLANEOUS (SPECIFY)	-	-	-	
			.]	
			J i	
TOTAL MISCELLANEOUS			-	
TOTAL EXPECTED CAS COST OF PRIMARY OF PRIMARY	TDANODODTED.			
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.





October 29, 2012

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 for No Notice Service (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. In accordance with Article 6.2 of the Agreement, the Agreement will automatically rollover for an additional term of 5 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 5 year term of November 1, 2013 through October 31, 2018.

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

Sincerely,

James Mehring

Vice President, Gas Operations

Mehreud

CC:

Chuck Hoffman David Moseley Request No. 9151

Rate Schedule STF Agreement/Contract No.: 36389 Dated: June 16, 2017

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): 65,000 MMBtu/day November - March 17,000 MMBtu/day April - October

Term: This Agreement shall be effective beginning November 1, 2017 and shall continue in full force and effect through October 31, 2018.

Rate: The rate for this Agreement shall be the maximum applicable rate (including all other applicable charges Texas Gos 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:	Date: 6/23/1)
	Name: Jeffan L. Biffel	Tille: VP LDC/Utilly pace
110.	Signature: 1/11/	Date: Tine 22, 2017
por har	Name: Kanl Newlin	Title: Sr. VP

Rate Schedule: STF Agreement No.: 38389 Primary Point(s) of Delivery Effective Date: November 1, 2017

Exhibit A Primary Point(s)

Delivery Point	Delivery Point	Zone	*MDP
Meter No.	Meter Name		(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 Hamison, Hamilton, OH Monroe, Butler, OH Venice, Hamilton, OH Woodsdale #2, Butler, OH	4	

Transportation Path:

Mainline Pipeline 10925 through Mainline Pipeline 41500

^{*}Minimum Delivery Pressure

Rate Schedule: STF Agreement No.: 36389 Primary Point(s) of Receipt Effective Date: November 1, 2017

Exhibit A

Primary Point(s)

Line	Receipt Point Meter No.	Receipt Point Meter Name	Zone	Daily Firm Capacity MMBtu/day
Mainline Pipeline				Winter Summer
	9185	Enable-Bosco	1	65,000 _{17,000}

Rate Schedule STF Agreement No : 36389 Contract Notices Effective Date, November 1, 2017

EXHIBIT B

Contract Notices.

Customer Correspondence:

Duke Energy Ohio, Inc. 139 E 4lh 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 VOLUME FOR THE TWELVE MONTH PERIOD ENDED	March 1, 2018 February 28, 2019	AND THE PROJECTED	
_		-	
SUPPLIER OR TRANSPORTER NAME	Texas Gas Transmission	, LLC	
TARIFF SHEET REFERENCE	N/A		
EFFECTIVE DATE OF TARIFF	11/1/2017	RATE SCHEDULE NUMBER	STF
TYPE GAS PURCHASED	X NATURAL	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF		OTHER DTH
PURCHASE SOURCE	X_INTERSTATE	INTRASTATE	
INCLUDADI E CAS CURRUTERO			
INCLUDABLE GAS SUPPLIERS	UNIT	TAKELNE	EVENTED OAG
PARTICULARS		TWELVE	EXPECTED GAS
FARTICULARS	RATE	MONTH	COST AMOUNT
DEMAND	(\$ PER)	VOLUME	(\$)
STF - DEMAND (Nov - Mar)	0.1950	9,815,000	1 012 025
STF - DEMAND (Apr - Oct)	0.1300		1,913,925
on being the odd	0.1300	3,030,000	472,940
			0
	1		
			-
TOTAL DEMAND			2,386,865
COMMODITY		İ	
COMMODITY			
OTHER COMMODITY (SPECIFY)			1
OTHER COMMODITY (SPECIFY)			
			ł I
		1	
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED CAS COST OF PRIMARY OF PRIMARY	TRANSPORTES		
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/	TRANSPORTER		2 386 865 L

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

June 16, 2017

Mr. Jeff Kem Duke Energy Ohio, Inc. 139 E 4th St Cincinnati, OH 45202-4003

> Re: Discounted Rates Letter Agreement to STF Service Agreement No. 36389 between TEXAS GAS TRANSMISSION, LLC and DUKE ENERGY OHIO, INC. dated June 16, 2017

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
 - (a) The Contract Demand(s) for this Agreement shall be: 65,000 MMBtu per day November through March 17,000 MMBtu per day April through October
 - (b) In addition to the rate(s) set forth in Exhibit A, Texas Gas shall charge and Customer shall pay all other applicable charges 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 B are applicable only for transportation service utilizing the eligible secondary point(s) specifically listed on 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, pursuant to the requirements of the Tariff and prior to nomination, to include such transportation service. If Customer or its Replacement Shipper(s) deliver gas to a point not listed on Exhibit A or B, Customer 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, 2017 and shall continue in full force and effect through October 31, 2018.
- 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 unitateral right to file with the appropriate regulatory authority and make changes effective in the filed rates, charges, and services in Texas Gas' Tariff, including both the level and design of such rates, charges and services and the general terms and conditions therein.

- 5. Except as otherwise provided in the FERC's regulations, this Agreement may not be assigned without the express written consent of the other party. Any assignment shall be in accordance with the Tariff and FERC regulations. Such consent shall not be unreasonably withheld. Any assignment made in contravention of this paragraph shall be void at the option of the other party. If such consent is given, this Agreement shall be binding upon and inure to the benefit of the parties and their successors and assigns.
- 6. In the event any provision of this Agreement is held to be invalid, illegal or unenforceable by any court, regulatory agency, or tribunal of competent jurisdiction, the validity, legality, and enforceability of the remaining provisions, terms or conditions shall not in any way be affected or impaired thereby, and the term, condition, or provision which is held illegal or invalid shall be deemed modified to conform to such rule of law, but only for the period of time such order, rule, regulation, or law is in effect.
- 7. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED UNDER THE LAWS OF THE COMMONWEALTH OF KENTUCKY, EXCLUDING ANY PROVISION WHICH WOULD DIRECT THE APPLICATION OF THE LAWS OF ANOTHER JURISDICTION.

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

Very Truly Yours,

TEXAS GAS TRANSMISSION, LLC

DUKE ENERGY OHIO, INC.

Signature page to Discounted Rates Letter Agreement, Agreement No. 36389, dated June 16, 2017.

Rate Schedule STF Agreement/Contract No. 36389 Dated: June 16, 2017

Discounted Rates Letter Agreement dated June 16, 2017 Effective: November 1, 2017

EXHIBIT A

Primary Receipt Point(s)

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

Primary Delivery Point(s)

Mcter Name	Meier No.	Zone
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:

November through March \$0.1950 per MMBtu/day April through October \$0.1300 per MMBtu/day

Commodity:

November through March

\$0.02 per MMBtu plus applicable surcharges and fuel retention

April through October

\$0.03 per MMBtu 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. Customer shall pay Texas Gas' maximum applicable Daily Overrun Rate plus applicable surcharges and fuel on all daily overrun Quantities delivered to the Primary and Eligible Secondary Delivery Points.

Rate Schedule STF Agreement/Contract No. 36389 Dated: June 16, 2017

Discounted Rates Letter Agreement dated June 16, 2017 Effective: November 1, 2017

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)

Meter Name	Meter No.	Zone
Lebanon-Dominion Lebanon-Columbia Texas Eastem-Lebanon Duke Energy KY Shipper DE	1247 1715 9959 1872	4 4 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 alternate 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. Customer shall pay Texas Gas' maximum applicable Daily Overrun Rate plus applicable surcharges and fuel on all daily overrun Quantities delivered to the Primary and Eligible Secondary Delivery Points.

Section 4.4 Currently Effective Rates - NNS Version 6.0.0

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.

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.

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 intrazone 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

Delivery Fuel Zone	EFRP [1]
South	1.31%
Middle	0.99%
North	1.32%

FT/STF/IT Rate Schedules

Rec/Del Fuel Zone	EFRP
South/South	0.61%
South/Middle	0.47%
South/North	0.78%
Middle/South	0.61%
Middle/Middle	0.15%
Middle/North	0.58%
North/South	1.16%
North/Middle	0.75%
North/North	0.75%

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

<u>Injection / Withdrawal</u> 0.93%

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

Delivery <u>Fuel Zone</u>	<u>EFRP</u>
South	0.59%
Middle	0.46%
North	0.57%

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

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF	March 1, 2018	AND THE PROJECTED	
VOLUME FOR THE TWELVE MONTH PERIOD ENDED	February 28, 2019	-	
SUPPLIER OR TRANSPORTER NAME	K O Transmission Compa	any.	
TARIFF SHEET REFERENCE	Part 3	arry	
EFFECTIVE DATE OF TARIFF	2/1/2017	RATE SCHEDULE NUMBER	FTS
	2/ 1/2017	_ NATE SOFIEDOLE NOMBER	
TYPE GAS PURCHASED X	NATURAL	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF		OTHER DTH
PURCHASE SOURCE X	INTERSTATE	INTRASTATE	_
INCLUDABLE GAS SUPPLIERS			
INGLOBABLE ONG COLL FIELD	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
	(\$PER)	VOLUME	(\$)
DEMAND	(41=1)		(*/
FT - DEMAND	2.2496	2,208,000	4,967,117
			1
TOTAL DEMAND			4.007.447
TOTAL DEIMAND			4,967,117
COMMODITY			
			*
TOTAL COMMODITY			0
MICOELLANEOUS		=	
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	_	-	-
TOTAL MISCELLANEOUS			
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/T	RANSPORTER		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: FERC Docket:

Normal RP17-00554-000 Filing Date: FERC Action: 03/24/2017 Accept

FERC Order:

BOL

Order Date:

04/29/2017

Effective Date: Part 3, Currently Effective Rates, 15.0.0

04/01/2017

Status:

Effective

CURRENTLY EFFECTIVE RATES APPLICABLE TO RATE SCHEDULES FTS AND ITS

RATE LEVELS - RATE PER DTH

From February 1, 2017 to January 31, 2018 (Period 11):

Base Tariff

Rate^{1/}

RATE SCHEDULE FTS

Reservation Charge 2/

Maximum

\$2.1280

Daily Rate - Maximum

\$0.0700

Commodity

Maximum Minimum

\$0.0000

Overrun

\$0.0000 \$0.0700

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

Base Tariff Rate^{1/} RATE SCHEDULE FTS

Reservation Charge 2/

Maximum

\$2.2496

Daily Rate - Maximum

\$0.0740

Commodity

Maximum

\$0.0000 + \$0.0013 = \$0.0013

\$0.0000

Minimum

Overrun

\$0.0740

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

Base Tariff Rate^{1/} RATE SCHEDULE FTS Reservation Charge 2/

Maximum \$2.2496

Daily Rate - Maximum \$0.0740

Commodity

 Maximum
 \$0.0000

 Minimum
 \$0.0000

 Overrun
 \$0.0740

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

Base Tariff Rate^{1/}
RATE SCHEDULE FTS

Reservation Charge 2/

Maximum \$2.1979

Daily Rate - Maximum \$0.0723

Commodity

 Maximum
 \$0.0000

 Minimum
 \$0.0000

 Overrun
 \$0.0723

RATE SCHEDULE ITS

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

Transportation Retainage Adjustment

0.307%

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.

¹⁷ 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.

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF	March 1, 2018	AND THE PROJECTED	
VOLUME FOR THE TWELVE MONTH PERIOD ENDED	February 28, 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	X NATURAL	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF		_
PURCHASE SOURCE		INTRASTATE	_OTHER DTH
TUNGINGE SOUNCE	A_INTERSTATE	INTRASTATE	
INCLUDABLE GAS SUPPLIERS			
	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
	(\$ PER)	VOLUME	(\$)
DEMAND			1
FT-A DEMAND	2.4550	288,000	707,040
		255,500	701,040
			1
TOTAL DEMAND			
TOTAL DEMAND			707,040
COMMODITY			
			Et .
			1
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	_	_	_
OTHER MISCELLANEOUS (SPECIFY)	_	_	
3 · · · · · · · · · · · · · · · · · · ·			-
	1		
TOTAL MISCELLANEOUS			
TOTAL WIGGELLANEOUS			-
TOTAL EXPECTED CAS COST OF PRIMARY SUPERIOR	TDANCOORTES		1 1
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/	TRANSPORTER		707,040

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 50 Agr., 2016

TENNESSEE GAS PIPELINE COMPANY, L.L.C.

Sital Mody

Name Vice President

Title: Marketing & Business Do

AGREED TO AND ACCEPTED 2016

THIS 13 DAY OF JUNE

DUKE ENERGY QHIO, INC

DOK

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

Amendment Effective Date: November 1, 2016

Service Package: 321248-FTATGP

Service Package TQ: 24000 Dth

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

1		
METER-TQ	100 24000	24000
LEG	100	800
ST ZONE R/D LEG	۵	œ
ZONE	2	_
ST	Z ∑	5
COUNTY	MONTGOME RY	FRANKLIN
INTERCONNECT PARTY NAME	COLUMBIA GAS TRNSM. CORP.	TENNESSEE GAS PIPELINE
METER METER NAME	COL GAS/TGP NORTH MEANS KY MONTGOME	POOLING PT - 800 LEG - ZONE L
METER	420049	420998
ENDING METER I	03/31/2019	03/31/2019 420998
BEGINNING E DATE	11/01/2016	11/01/2016

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
AND
DUKE ENERGY OHIO, INC.

REVENUE REDUCTION OPTION PROVISIONS*

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

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 GENERALTERMS AND CONDITIONS.

Eleventh Revised Sheet No. 14 Superseding Tenth Revised Sheet No. 14

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES RATE SCHEDULE FOR FT-A

Base Reservation Rates	DECEIDT	DELIVERY ZONE							
			L	1	2	3	4	5	6
60	0	\$5.5411		\$11.5794	\$15.5758	\$15.8514	\$17.4175	\$18.4879	\$23.1959

0	\$5.5411		\$11.5794	\$15.5758	\$15.8514	\$17.4175	\$18.4879	\$23.1959
L		\$4.9193			,	·		,
1	\$8.3417		\$7.9962	\$10.6413	\$15.0745	\$14.8460	\$16.7429	\$20.5878
2	\$15.5759		\$10.5774	\$5.5014	\$5.1427	\$6.5803	\$9.0504	\$11.6830
3	\$15.8514		\$8.3784	\$5.5458	\$4.0009	\$6.1457	\$11.1149	\$12.8437
4	\$20.1259		\$18.5544	\$7.0708	\$10.7456	\$5.2598	\$5.6884	\$8.1265
5	\$23.9973		\$16.8625	\$7.4172	\$8.9748	\$5.8432	\$5.4810	\$7.1353
6	\$27.7603		\$19.3678	\$13.3296	\$14.6845	\$10.3726	\$5.4568	\$4.7237

Daily Base		
Reservation	Rate	1/

DEL	IVFRY	ZONE

6 \$0.7626
\$0.7626
7
\$0.6769
\$0.3841
\$0.4223
\$0.2672
\$0.2346
\$0.1553

Maximum Reservation

Rates 2/, 3/					DELIVE	RY ZONE		
	RECEIPT							
	ZONE	0	L	1	2	3	4	5

 KECEIPT								
ZONE	0	L	1	2	3	4	5	6
0 L	\$5.5627	\$4.9409	\$11.6010	\$15.5974	\$15.8730	\$17.4391	\$18.5095	\$23.2175
1	\$8.3633	,	\$8.0178	\$10.6629	\$15.0961	\$14.8676	\$16.7645	\$20.6094
2	\$15.5975		\$10.5990	\$5.5230	\$5.1643	\$6.6019	\$9.0720	\$11.7046
3	\$15.8730		\$8.4000	\$5.5674	\$4.0225	\$6.1673	\$11.1365	\$12.8653
4	\$20.1475		\$18.5760	\$7.0924	\$10.7672	\$5.2814	\$5.7100	\$8.1481
5	\$24.0189		\$16.8841	\$7.4388	\$8.9964	\$5.8648	\$5.5026	\$7.1569
6	\$27.7819		\$19.3894	\$13.3512	\$14.7061	\$10.3942	\$5.4784	\$4.7453

Notes:

Applicable to demand charge credits and secondary points under discounted rate agreements.

Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of 2/ \$0.0000.

Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0216.

Discounted Rate: \$2.4334

PS/GHG: DEO Rate:

0.0216 \$2.4550

Issued: September 29, 2017 Effective: November 1, 2017

Docket No. RP17-1118-000 Accepted: October 26, 2017

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF VOLUME FOR THE TWELVE MONTH PERIOD ENDED	March 1, 2018 February 28, 2019	AND THE PROJECTED	
_			
SUPPLIER OR TRANSPORTER NAME	Various Producers / Ma	arketers	
TARIFF SHEET REFERENCE			
EFFECTIVE DATE OF TARIFF		RATE SCHEDULE NUMBER	R
TYPE GAS PURCHASED	X NATURAL	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF		OTHER DTH
PURCHASE SOURCE		INTRASTATE	C OTTLER BITT
INCLUDABLE GAS SUPPLIERS			
DARTIOU ARG	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
DEMAND	(\$ PER)	VOLUME	(\$)
Various Producers/Marketers	-	16,594,900	33,613
Needle Peaking @ City Gate (Various Suppliers)	-	1,025,000	103,500
			7
TOTAL DEMAND			137,113
TO THE DEITH WAS			137,113
COMMODITY			-
See Commodity Costs sheet, Page 8 of 8.			
	58		
			1
			(
			1
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	_	- 1
OTHER MISCELLANEOUS (SPECIFY)	_	_	- 1
			1
TOTAL MISCELLANEOUS			0
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER	/TRANSPORTER		137,113

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.

COMPANY NAME: DUKE ENERGY OHIO

PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF VOLUME FOR THE TWELVE MONTH PERIOD ENDED	March 1, 2018 February 28, 2019	AND THE PROJECTED .	
SUPPLIER OR TRANSPORTER NAME	Commodity Costs		
TARIFF SHEET REFERENCE		DATE COLUED WE ANAMED	
EFFECTIVE DATE OF TARIFF		RATE SCHEDULE NUMBER	
TYPE GAS PURCHASED X UNIT OR VOLUME TYPE PURCHASE SOURCE X	_ NATURAL _ MCF _ INTERSTATE	LIQUIFIED SYNTHI CCF OTHER INTRASTATE	
GAS COMMODITY RATE FOR MARCH 2018:			
GAS MARKETERS: WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$2.7098 \$/Dtl
DUKE ENERGY OHIO FUEL	0.900%	\$0.0244	\$2.7098 \$/Dth \$2.7342 \$/Dth
DTH TO MCF CONVERSION	1.0740	\$0.2023	\$2.9365 \$/Mc
ESTIMATED WEIGHTING FACTOR	80.915%	,	\$2.3761 \$/Mc
GAS MARKETERS COMMODITY RATE			\$2.376 \$/Mc
GAS STORAGE:			
COLUMBIA GAS TRANS STORAGE INVENTORY RATE			\$3.3634 \$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$3.3787 \$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.432%	*	\$3.4271 \$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0209	\$3.4480 \$/Dth
KO TRANS, COMMODITY RATE DUKE ENERGY OHIO FUEL	0.0009/	\$0.0013	\$3.4493 \$/Dth
DTH TO MCF CONVERSION	0.900% 1.0740	\$0.0310 \$0.2575	\$3.4803 \$/Dth \$3.7378 \$/Mc
ESTIMATED WEIGHTING FACTOR	16.692%		\$0.6239 \$/Mc
GAS STORAGE COMMODITY RATE - COLUMBIA GAS	10.092 /6	2	\$0.624 \$/Mc
TEXAS GAS TRANSMISSION - STORAGE INVENTORY RATE			\$2.8577 \$/Dth
TEXAS GAS COMMODITY RATE		\$0.0627	\$2.9204 \$/Dth
DUKE ENERGY OHIO FUEL	0.900%	·	\$2.9467 \$/Dth
DTH TO MCF CONVERSION	1.0740	\$0.2181	\$3.1648 \$/Mc
ESTIMATED WEIGHTING FACTOR	2.353%		\$0.0745 \$/Mc
GAS STORAGE COMMODITY RATE - TEXAS GAS			\$0.075 \$/Mc
PROPANE:			
WEIGHTED AVERAGE PROPANE INVENTORY RATE			\$0.85950 \$/Ga
GALLON TO MCF CONVERSION	15.38	\$12.3596	\$13.2191 \$/Mc
ESTIMATED WEIGHTING FACTOR	0.040%		\$0.0053 \$/Mc
PROPANE COMMODITY RATE			\$0.005 \$/Mc

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 2/6/18 and contracted hedging prices.

OTHER PRIMARY GAS SUPPLIERS

DETAILS FOR THE EGC IN EFFECT AS OF	March 1, 2018	AND THE PROJECTED
VOLUME FOR THE TWELVE MONTH PERIOD ENDED	February 28, 2019	_

SUPPLIER NAME	UNIT RATE	TWELVE MONTH	EXPECTED GAS
OTHER GAS COMPANIES	RAIE	VOLUME	COST AMOUNT
TOTAL OTHER GAS COMPANIES			-
<u>DHIO PRODUCERS</u>			
TOTAL OHIO PRODUCERS			
SELF-HELP ARRANGEMENT TRANSPORTATION OTHER MISCELLANEOUS (SPECIFY)			
Firm Balancing Service (FBS) Credit (1) Contract Commitment Cost Recovery (CCCR) Credit (1) EFBS Demand Credit EFBS Volumetric Credit (1) ERAS Capacity Assignment TOTAL SELF-HELP ARRANGEMENT	0.214 * (0.027) * 7.16 0.018 (0.161)	3,015,522 32,258,396 1,733,040 29,242,874 26,803,629	(645,322 (870,977 (12,408,566 (526,372 (4,326,520 (18,777,757
PECIAL PURCHASES			

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)				0.88555
INCLUDABLE PROPANE FOR 12 MO. ENDED	12/31/2017	(GALS)		1,374,657
		S	UB TOTAL	1,217,328
	49			
INCLUDABLE PROPANE (PEAK SHAVING @ ERLANGER PLAN	NT):			
BOOK COST OF INCLUDABLE PROPANE (\$/GAL)				0.78012
INCLUDABLE PROPANE FOR 12 MO. ENDED	12/31/2017	(GALS)		451,137
		SI	JB TOTAL	351,941
		TOTAL	DOLLARS	1 500 300
				1,569,269
		TOTAL	GALLONS	1,825,794
See Commodity Costs sheet, Page 8 of 8.		WEIGHTED AVERA	AGE RATE	\$0.85950

PURCHASED GAS ADJUSTMENT COMPANY NAME: DUKE ENERGY OHIO

SUPPLEMENTAL MONTHLY REPORT

ESTIMATED COST OF GAS INJECTED AND WITHDRAWN FROM STORAGE

Details for the EGC Rate in Effect as of

March 1, 2018

Monthly Storage Activity

Month	Beginning Storage Inventory	Injected	Withdrawn	Ending Storage Inventory
January 2018	\$22,158,210	\$0	\$6,101,112	\$16,057,098
February 2018	\$16,057,098	\$0	\$5,593,000	\$10,464,098
March 2018	\$10,464,098	\$0	\$3,524,500	\$6,939,598

PURCHASED GAS ADJUSTMENT COMPANY NAME: DUKE ENERGY OHIO

SUPPLEMENTAL MONTHLY REPORT

ESTIMATED CONTRACT STORAGE CARRYING COSTS

Details for the EGC Rate in Effect as of

March 1, 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	January 2018	\$16,057,098		0.8333%		·
2	February 2018	\$10,464,098	\$13,260,598			
3	March 2018	\$6,939,598	\$8,701,848	\$72,512	2,703,025	\$0.027

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

0.00

PURCHASE GAS ADJUSTMENT DUKE ENERGY OHIO

SUPPLIER REFUND AND RECONCILIATION ADJUSTMENT DETAILS FOR THE THREE MONTH PERIOD ENDED November 30, 2017

10307	30			
PARTICULARS			UNIT	AMOUNT
PROJECTED SALES: TWELVE MONTHS ENDED	February 28	2019	MCF	18,385,930
TOTAL PROJECTED SALES: TWELVE MONTHS ENDED	February 28	2019	MCF	18,385,930
RATIO OF JURISDICTIONAL SALES TO TOTAL SALES			RATIO	1.00
SUPPLIER REFUNDS RECEIVED AND RECONCILIATION ADJ ORDERED DURING THE THREE MONTH PERIOD	USTMENTS November 30, 20	17	\$	0.00
JURISDICTIONAL SHARE OF SUPPLIER REFUNDS AND REC	ONCILIATION ADJUS	STMENTS	\$	0.00
INTEREST FACTOR				1.055
JURISDICTIONAL SHARE OF SUPPLIER REFUNDS AND RECO	ONCILIATION		\$	0.00
JURISDICTIONAL SALES: TWELVE MONTHS ENDED	February 28	2019	MCF	18,385,930
CURRENT SUPPLIER REFUND AND RECONCILIATION ADJUS	STMENT		\$/MCF	0.000
DETAILS OF RE RECEIVED DURING THE THREE MONTH PER	FUNDS / ADJUSTME			×
PARTICULARS (SPECIFY)	-	-	UNIT	AMOUNT

TOTAL REFUNDS APPLICABLE TO THE CURRENT GCR

PURCHASE GAS ADJUSTMENT DUKE ENERGY OHIO

DUKE ENERGY OHIO ACTUAL ADJUSTMENT DETAILS FOR THE THREE MONTH PERIOD ENDED

November 30, 2017

PARTICULARS	UNIT	SEPTEMBER	OCTOBER	NOVEMBER
SUPPLY VOLUME PER BOOKS				
PRIMARY GAS SUPPLIERS UTILITY PRODUCTION INCLUDABLE PROPANE	MCF MCF	898,063 0 68,176	719,551 0 0	987,547 0 0
OTHER VOLUMES (SPECIFY) ADJUSTMENT	MCF	7,108_	73,871	8,523
TOTAL SUPPLY VOLUMES	MCF	973,347	793,422	996,070
SUPPLY COST PER BOOKS				
PRIMARY GAS SUPPLIERS TRANSITION COSTS GAS STORAGE CARRYING COSTS INCLUDABLE PROPANE	\$ \$ \$	4,690,846 0 221,371 639,716	4,376,193 0 239,434 0	6,683,668 0 236,780
OTHER COSTS (SPECIFY): MANAGEMENT FEE CONTRACT COMMITTMENT COSTS RIDER	\$ \$	(179,232) 14,643	(179,232) 15,409	0 (234,418) 38,967
TRANSPORTATION GAS COST CREDIT RATE "IT" CREDIT FIRM TRANSPORTATION SUPPLIER COST CUSTOMER POOL USAGE COST LOSSES - DAMAGED LINES SALES TO REMARKETERS WEIGHTED AVERAGE PIPELINE COST REFUNDED/(BILLED) TO	\$ \$ \$ \$ \$ \$ \$	0 0 4,583 (1,125,551) (1,668) 0	0 0 386 (1,123,177) (1,161) 0	0 0 (10,830) (1,189,813) (10,997) 0
SUPPLIERS	\$		0	0
TOTAL SUPPLY COSTS	\$	4,264,708	3,327,852	5,513,357
SALES VOLUMES				
JURISDICTIONAL NON-JURISDICTIONAL OTHER VOLUMES (SPECIFY):	MCF MCF	343,156.3 0.0 0.0	358,597.9 0.0 0.0	1,263,168.9 0.0 0.0
TOTAL SALES VOLUMES	MCF	343,156.3	358,597.9	1,263,168.9
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF) LESS: EGC IN EFFECT FOR THE MONTH	\$/MCF \$/MCF	12.428 4.363	9.280 4.413	4.365 4.048
DIFFERENCE TIMES: MONTHLY JURISDICTIONAL SALES	\$/MCF MCF	8.065 343,156.3	4.867 358,597.9	0.317 1,263,168.9
EQUALS MONTHLY COST DIFFERENCE	\$	2,767,555.56	1,745,295.98	400,424.54
PARTICULARS	UNIT			AMOUNT
TOTAL COST DIFFERENCE FOR THE THREE MONTH PERIOD	\$			4,913,276.08
BALANCE ADJUSTMENT FROM SCHEDULE IV	\$			234,213.69
TOTAL COST DIFFERENCE FOR USE IN THE CURRENT AA CALCULATION	\$			5,147,489.77
DIVIDED BY: 12 MONTH PROJECTED SALES ENDED February 28 20	19 MCF			18,385,930
EQUALS CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF			0.280

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

November 30, 2017

PARTICULARS	UNIT	AMOUNT
COST DIFFERENCE BETWEEN BOOK AND EFFECTIVE EGC AS USED TO COMPUTE AA OF THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR (November 30, 2016)	\$	1,976,580.36
LESS: DOLLAR AMOUNT RESULTING FROM THE AA OF \$ 0.105 /MCF AS USED TO COMPUTE THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 16.593.968 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	\$	1,742,366.67
BALANCE ADJUSTMENT FOR THE AA	\$	234,213.69
DOLLAR AMOUNT OF SUPPLIER REFUNDS AND COMMISSION ORDERED RECONCILIATION ADJUSTMENTS AS USED TO COMPUTE RA OF THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR (November 30, 2016)	\$	0.00
LESS: DOLLAR AMOUNT RESULTING FROM THE UNIT RATE FOR SUPPLIER REFUNDS AND RECONCILIATION ADJUSTMENTS OF \$ 0.000 /MCF AS USED TO COMPUTE RA OF THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 16.593,968 MCF FOR THE PERIOD BETWEEN THE EFFECTIVE DATE OF THE CURRENT GCR RATE AND THE EFFECTIVE DATE OF THE GCR RATE IN EFFECT APPROXIMATELY ONE YEAR PRIOR TO THE CURRENT RATE	\$	0.00
BALANCE ADJUSTMENT FOR THE RA	\$	0.00
DOLLAR AMOUNT OF THE BALANCE ADJUSTMENT AS USED TO COMPUTE BA OF THE	·	
GCR IN EFFECT ONE QUARTER PRIOR TO THE CURRENTLY EFFECTIVE GCR (November 30, 2016) 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	\$	0.00
CURRENT RATE	\$	0.00
BALANCE ADJUSTMENT FOR THE BA	\$	0.00
TOTAL BALANCE ADJUSTMENT AMOUNT TO BE INCLUDED WITH CURRENT AA ON SCHEDULE III	\$	234,213.69

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