

November 8, 2017

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

### Docketing Division:

Enclosed for filing is the Duke Energy Ohio ("Duke") gas cost recovery (GCR) report, as required by Section 4901:1-14, O.A.C., for the month commencing December 2017. This filing is based on supplier tariff rates expected to be in effect on November 30, 2017 and the NYMEX close of November 6, 2017 for the month of December 2017.

Duke's GCR rate effective December 2017 is \$4.875 per MCF, which represents an increase of \$0.460 per MCF from the current GCR rate in effect for November 2017.

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**

UNIT	AMOUNT
\$/MCF	4.245
\$/MCF	(0.016)
\$/MCF	0.646
\$/MCF	4.875
	\$/MCF \$/MCF \$/MCF

GAS COST RECOVERY RATE EFFECTIVE DATES:

November 30, 2017 THROUGH January 2, 2018

### **EXPECTED GAS COST CALCULATION**

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	4.245

### 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	(0.007)
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	(0.016)

### **ACTUAL ADJUSTMENT SUMMARY CALCULATION**

PARTICULARS	UNIT	AMOUNT
CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF	0.377
PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.060)
SECOND PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT (1)	\$/MCF	(0.109)
THIRD PREVIOUS QUARTERLY REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.438
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.646

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

OCTOBER 18, 1979.

DATE FILED: November 9, 2017

BY: DON WATHEN

TITLE: DIRECTOR,

Rates & Regulatory Strategy - Ol

## PURCHASED GAS ADJUSTMENT

COMPANY NAME: DUKE ENERGY OHIO

SCHEDULE I

# EXPECTED GAS COST RATE CALCULATION

DETAILS FOR THE EGC RATE IN EFFECT AS OF December 1, 2017
PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2018

	DEMAND	MISC	TOTAL DEMAND	
DEMAND COSTS	EXPECTED GAS COST AMT (\$)	EXPECTED GAS COST AMT (\$)	EXPECTED GAS COST AMT (\$)	
INTERSTATE PIPELINE SUPPLIERS (SCH. I-A)				
Columbia Gas Transmission Corp.	18,371,303	0	18,371,303	
Duke Energy Kentucky	522,072	0	522,072	
Columbia Gulf Transmission Co.	2,389,275	0	2,389,275	
Texas Gas Transmission Corp.	5,808,400	0	5,808,400	
K O Transmission Company	4,698,624	0	4,698,624	
Tennessee Gas	707,040	0	707,040	
PRODUCER/MARKETER (SCH. I - A)	137,113	0	137,113	
SYNTHETIC (SCH. I - A)				
OTHER GAS COMPANIES (SCH. I-B)				
OHIO PRODUCERS (SCH. 1-B)				
SELF-HELP ARRANGEMENTS (SCH. 1-B)		(17,523,781)	(17,523,781)	
SPECIAL PURCHASES (SCH. 1-B)				
TOTAL DEMAND COSTS:	32,633,827	(17,523,781)	\$15,110,046	
PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:			18,246,894 M	MCF
DEMAND (FIXED) COMPONENT OF EGC RATE:			\$0.828 /MCF	#CF

### COMMODITY COSTS:

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

TOTAL EXPECTED GAS COST:

\$4.245 /MCF

\$0.533 /MCF \$0.136 /MCF \$0.038 /MCF \$0.065 /MCF \$3.417 /MCF

\$2.645 /MCF

COMPANY NAME: DUKE ENERGY OHIO

### PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF	December 1, 2017	AND THE PROJECTED	
VOLUME FOR THE TWELVE MONTH PERIOD ENDED	November 30, 2018	_	
CLIPPLIED OR TRANSPORTED			
SUPPLIER OR TRANSPORTER NAME	Columbia Gas Transmiss		
TARIFF SHEET REFERENCE	Fourth Revised Volume I		
EFFECTIVE DATE OF TARIFF	02/1/2015 / 2/1/2017	RATE SCHEDULE NUMBER	FSS/SST
TYPE GAS PURCHASED	X NATURAL	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF	CCF X	OTHER DTH
PURCHASE SOURCE	X INTERSTATE	INTRASTATE	_
INCLUDABLE GAS SUPPLIERS			
	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	110,928,948	3,194,754
CONTRACT DEMAND - SST (Oct-Mar)	5.7870	1,299,084	7,517,799
CONTRACT DEMAND - SST (Apr-Sep)	5.7870	649,542	3,758,900
TOTAL DEMAND			18,371,303
TOTAL DEMIAND			10,371,303
COMMODITY			
COMMODITY	1		
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			
MISCELLANEOUS			
TRANSPORTATION	_	_	_
OTHER MISCELLANEOUS (SPECIFY)	_	_	_
01,121,1110002223112000 (01 2011 1)			
TOTAL MISCELLANEOUS			-
			40.074.000
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER	R/TRANSPORTER		18,371,303

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.9.

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	~		i	1	ı	% <b>1</b>	ı
Electric Power Costs Adjustment	Surcharge		ī	j	Ĕ	Ĩ	ë
Electri Costs A	Current		t	31	E	Я	£
Transportation Cost Rate Adjustment	Surcharge		1	ı	1	1	1
Transport Rate Ad	Current			ı	1	1	ı
Base Tariff	Rate 1/		1.501	2.88	1.53	1.53	10.87
			3/ \$	12	42	s).	rs.
		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.

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

Shippers utilizing the Eastern Market Expansion (EME) facilities for FSS service will pay a total FSS MDSQ reservation charge of under their EME Project service agreements, they will pay a total FSS overrun rate of 23.44 cents. The additional EME demand \$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 charges and EME overrun charges can be added to the applicable surcharges above to develop the EME Total Effective Rate. 3 6

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

Currently Effective Rates SST Rates Version 43.0.0

×. 8.

	Daily Rate 2/	0.2077	2.09	22.86 2.09
Withdraw: \$0.0209 ACA: 0.0013 Total: \$0.0222	Total Effective Rate 2/	6.319	2.09	22.86 2.09
	CCRM Rates	1.336	0.00	4.39
Discount: \$4.451 CCRM: 1.336 Total: \$5.787	OTRA Rates	0.112	0.00	0.37
	EPCA Rates	0.065	1.04	1.25
	TCRA Rates	0.205	0.03	0.70
H	Base Tariff Rate 1/2/	4.601	1.02	16.15
ule SST		<del>69</del>	<i>8</i> 8	e e
Currently Effective Rates Applicable to Rate Schedule Rate Per Dth		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. \_

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. 7

3/ Minimum reservation charge is \$0.00.
4/ Shippers utilizing the Eastern Market I

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.



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

July 21, 2016

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. Midnest Delivery Gis Dps

V.17.
Currently Effective Rates
Retainage Rates
Version 8.0.0

## 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

VOLUME FOR THE TWELVE MONTH PERIOD ENDED	December 1, 2017 November 30, 2018	_AND THE PROJECTED	
		-	
SUPPLIER OR TRANSPORTER NAME TARIFF SHEET REFERENCE	Duke Energy Kentucky		
EFFECTIVE DATE OF TARIFF	10/30/2013	RATE SCHEDULE NUMBER	
TYPE GAS PURCHASED	X NATURAI	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF	CCF X	OTHER DTH
PURCHASE SOURCE	X INTERSTATE	INTRASTATE	_
INCLUDABLE GAS SUPPLIERS			
PARTICULARS	UNIT RATE (\$PER)	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT (\$)
DEMAND			
CONTRACT DEMAND	0.2417	2,160,000	522,072
TOTAL DEMAND			522,072
COMMODITY			
COMMODITY OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	
TOTAL MISCELLANEOUS			-
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER	/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.

<sup>&</sup>lt;sup>1</sup> 18 C.F.R. § 284.123(b)(2)(i) (2013).

<sup>&</sup>lt;sup>2</sup> 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 31<sup>st</sup> day of March, 2010, by and between DUKE ENERGY KENTUCKY, INC., a Kentucky corporation, (hereinafter referred to as "Transporter"), and DUKE ENERGY OHIO, INC (hereinafter referred to as "Shipper").

### WITNESSETH:

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

### Section 1

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

### Section 2

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

### Section 3

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

### Section 4

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

Shipper: Duke Energy Ohio, Inc.

By Thurston

Title Presidet

(HM

Duke Energy Kentucky, Inc.

Ву

Title Senior Vice President, Gas Operations

Revision	001	_				
		Appendi	x A to Service Ag	reement No	001	
			Duke Energy Ken nd Duke Energy O			
		Transpor	tation Quantity: _	180,000 Dth/d	lay	
Primary 1	Receip	ot Point:	Cold Spring Stat	ion		
Primary I	Delive	ry Point:	Front & Rose Sta Eastern Avenue Anderson Ferry	Station		
S	hipper	: Duke E	hergy Ohio,	Inc.		2H W
B		Preside	2+1			
D	ate	March	- 26, 2010			
D	uke Ei	nergy Kentuck	ty, Inc.			
B It:			K. Wilker Vice Pr	esident,	Gas Ope	erations
D	ate		26,2010	,	·	

COMPANY NAME: DUKE ENERGY OHIO

### PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF VOLUME FOR THE TWELVE MONTH PERIOD ENDED	December 1, 2017	_AND THE PROJECTED	
VOLUME FOR THE TWEEVE MONTH PERIOD ENDED_	November 30, 2018	_	
SUPPLIER OR TRANSPORTER NAME	Columbia Gulf Transmis	sion Corp.	
TARIFF SHEET REFERENCE	Third Revised Volume N		
EFFECTIVE DATE OF TARIFF	7/1/2016	RATE SCHEDULE NUMBER	FTS-1
<del>-</del>			
TYPE GAS PURCHASED	X NATURAL	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF	CCF X	OTHER DTH
PURCHASE SOURCE _	X INTERSTATE	INTRASTATE	
INCLUDABLE GAS SUPPLIERS			
	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
	(\$ PER)	VOLUME	(\$)
DEMAND			
FTS-1 DEMAND (NOV-MAR)	3.3300		815,850
FTS-1 DEMAND (APR-OCT)	3.3300	· ·	734,265
FTS-1 DEMAND (NOV-OCT)	3.3300	252,000	839,160
TOTAL DEMAND			2,389,275
COLUMNITY			
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			0
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MICCELL ANEOLIC			-
TOTAL MISCELLANEOUS			
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIE	R/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.

V.I.

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) 1/	4.170	$ACA \\ 0.0109 + 0.0013 = 0.0122 \\ 0.0109$	0.1480
Base Rate (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 237 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. <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. 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. <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	ERGY OHIO, INC.	COLUM	IBIA GULF TRANSMISSION, LLC
Ву	-Km/m	Ву	Starty Chi
Title	President Midwest & Florida Region	√ς 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")

	Recurrence <u>Interval</u> 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
	Recul	4/1 -		Maximum Daily Quantity (Dth/dav)	49,000	31,500		Maximum Daily Quantity (Dth/day)	49,000	31,500
Demand	Transportation Demand Dth/day 49,000	31,500	lipt Points	Measuring Point Name	CGT-RAYNE	CGT-RAYNE	ery Points	Measuring Point Name	MEANS	MEANS
Transportation Demand	End <u>Date</u> October 31, 2019	October 31, 2019	Primary Receipt Points	Measuring Point No.	2700010	2700010	Primary Delivery Points	Measuring <u>Point No.</u>	MEANS	MEANS
	Er Dē October	October		End <u>Date</u>	October 31, 2019	October 31, 2019		End <u>Date</u>	October 31, 2019	October 31, 2019
	Begin <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 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

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 sold pursuant to the provisi 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.

By Fres, Midwest + Florida Regions
Date 9-15-14

COLUMBIA-GULF TRANSMISSION, LLC

By Care Average

Title GVP



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

Page 1

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

If you are in agreement with the above amendment, please execute both originals of this letter and return one to Transporter at the above address, Attention: Jackie Sydnor, 8<sup>th</sup> floor North.

Executed and agreed to this 7th day of JULY, 2014.

DUKE ENERGY OHIO, INC.

COLUMBIA GULF TRANSMISSION, LLC

By:

By:

Pres., Midwest - Florida Regionsts: VP, Commercapic OPERATEDONS

Service Agreement No. 154403 Revision No. 0

### FTS-1 SERVICE AGREEMENT

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

DUKE EN	NERGY OHIO, INC.	COLUM	BIA GULF TRANSMISSION, LLC
Ву	Kala	Ву	Stauly Chr
Title	Pres. Midwest Horida Regions	Title	ENS
Date	9-5-14	Date	9-2-5-14
			6

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

	rence ervai	1/1 - 12/31		Recurrence Interval	1/1 - 12/31		Recurrence Interval	1/1 - 12/31
Recurrence	<u>י 1/1 -</u>		Maximum Daily Quantity (Dth/day)	21,000		Maximum Daily Quantity (Dth/day)	21,000	
Demand	Transportation <u>Demand Dth/day</u>	21,000	pt Points	Measuring <u>Point Name</u>	GULF-LEACH	ry Points	Measuring <u>Point Name</u>	MEANS
Transportation Demand  E  1, 2019 Primary Receipt Points	Primary Receipt Points	Measuring Point No.	801	Primary Delivery Points	Measuring Point No.	MEANS		
	End <u>Date</u>	October 31, 2019		End <u>Date</u>	October 31, 2019		End <u>Date</u>	October 31, 2019
	Begin <u>Date</u>	November 1, 2014		Begin <u>Date</u>	November 1, 2014		Begin <u>Date</u>	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 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. Yes

By Kas, Midwety Handa Resions
Date

COLUMBIAGULF TRANSMISSION, LLC

By Stark Ly Ly

Title EVP L

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

Page 1

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

If you are in agreement with the above amendment, please execute both originals of this letter and return one to Transporter at the above address, Attention: Jackie Sydnor, 8<sup>th</sup> floor North.

Executed and agreed to this 7th day of JULY, 2014.

DUKE ENERGY OHIO, INC.

By: By: By: Commercial Operations

Its: Pres., Midwest + Florida Regions Its: UP 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, 2017	AND THE PROJECTED	
VOLUME FOR THE TWELVE MONTH PERIOD ENDED	November 30, 2018	XIVD THE FROSEOTED	
		_	
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	10/1/2013	RATE SCHEDULE NUMBER	NNS-4
	NATURAL	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF		OTHER DTH
PURCHASE SOURCE	INTERSTATE	INTRASTATE	
INCLUDABLE GAS SUPPLIERS			
	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
	( \$ PER)	VOLUME	(\$)
DEMAND			
CONTRACT DEMAND Nom&Unnom (Nov-Mar)	0.4190	4,718,750	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	.,,	405,906
(Oslober)	0.4150	900,730	405,900
TOTAL DEMAND			3,421,535
	· · · · · · · · · · · · · · · · · · ·		
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION			
OTHER MISCELLANEOUS (SPECIFY)	-	-	- 1
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			+
TOTAL WISCELLANEOUS			-
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.

Ja1111R

Sincerely.

James Mehring

Vice President, Gas Operations

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 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: John Till	Date: 6/23/1)
	Name: Teffan L. Biffel	Title: VI LDC/Uhll parky
Duke Energy Ohio, Inc.	Signature: 441	Date: Tine 22, 2017
DOR HOW	Name: Kanl Newlin	Title: Sr. VP

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

### Exhibit A Primary Point(s)

Delivery Point	Delivery Point	Zоле	*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 Harrison, 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 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

COMPANY NAME: DUKE ENERGY OHIO

### PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF	December 1, 2017	AND THE PROJECTED	
VOLUME FOR THE TWELVE MONTH PERIOD ENDED	November 30, 2018	-	
SUPPLIER OR TRANSPORTER NAME	Texas Gas Transmission	, LLC	
TARIFF SHEET REFERENCE	N/A		
EFFECTIVE DATE OF TARIFF	4/1/2014	RATE SCHEDULE NUMBER	STF
TYPE GAS PURCHASED X	NATURAL	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF	CCF X	OTHER DTH
PURCHASE SOURCEX	INTERSTATE	INTRASTATE	_
INCLUDABLE GAS SUPPLIERS			
INGLODABLE GAG GOLL FIELD	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
	(\$PER)	VOLUME	(\$)
DEMAND			( )
STF - DEMAND (Nov - Mar)	0.1950	9.815,000	1,913,925
STF - DEMAND (Apr - Oct)	0.1300	1 1	472,940
			0
	7-		1
TOTAL DEMAND			2.386,865
TOTAL DEMAND			2,360,603
COMMODITY			
COMMODITY			
OTHER COMMODITY (SPECIFY)			
			1
TOTAL COMMODITY			0
MICCELLANICOLIC			
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	_
TOTAL MISCELLANEOUS			-
TOTAL EVEROTER 040 000T OF PRIMARY 011751 1501	TD 4 1 1 2 D 2 D T T D		0.000.005
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER/	TRANSPORTER		2.386.865

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



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

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 Exhibit A.
  - (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 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, 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 unilateral right to file with the appropriate regulatory authority and make changes effective in the filed rates, charges, and services in Texas Gas' Tariff, including both the level and design of such rates, charges and services and the general terms and conditions therein.

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

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

Very Truly Yours,

TEXAS GAS TRANSMISSION, LLC	
By: John 1 73 H	
by: Left, t 15 ster	- 1

Name. Jellany L Beltel
Tille: VP LDC/Utilty Mag

ACCEPTED AND AGREED TO this 2

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)

Meter NameMeter No.ZoneDuke Energy OH Shipper DE12294

# 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.	Zonc
Lebanon-Dominion	1247	4
Lebanon-Columbía	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 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	<u>EFRP</u>
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

Injection / Withdrawal 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%

<sup>[1]</sup> 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 VOLUME FOR THE TWELVE MONTH PERIOD ENDED	December 1, 2017 November 30, 2018	_ AND THE PROJECTED	
OCCUME TO A THE TWEEVE MONTH PERIOD ENDED _	November 30, 2016	_	
SUPPLIER OR TRANSPORTER NAME_	K O Transmission Comp	pany	
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		OTHER DTH
PURCHASE SOURCE		INTRASTATE $\frac{\lambda}{\lambda}$	_OHILK DITI
INCLUDABLE GAS SUPPLIERS			
	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
	( \$ PER)	VOLUME	(\$)
DEMAND			
FT - DEMAND	2.1280	2,208,000	4,698,624
		l.	1
TOTAL DEMAND	<u> </u>		4,698,624
COMMODITY		i	
COMMODITY			
TOTAL COMMODITY			0
TO THE COMMODITY			
MISCELLANEOUS			
TRANSPORTATION		_	_
OTHER MISCELLANEOUS (SPECIFY)	_	_	-
· · · · · · · · · · · · · · · · · · ·			
TOTAL MISCELLANEOUS			-
TOTAL EVEROTER CAR COST OF BRIDGE STATES	TD ANODODTED		4 609 604
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIER	K/TRANSPORTER		4,698,624

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

KO Transmission Company, Tariffs, Rate Schedules and Service Agreements

Filing Category:

Normal

Filing Date:

03/24/2017 Accept

FERC Docket: FERC Order:

RP17-00554-000 BOL

FERC Action: Order Date:

04/29/2017

Effective Date:

04/01/2017

Part 3, Currently Effective Rates, 15.0.0

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 1 ):

**Base Tariff** 

Rate<sup>1/</sup>

RATE SCHEDULE FTS

Reservation Charge <sup>2/</sup>

Maximum

\$2.1280

Daily Rate - Maximum

\$0.0700

Commodity

Maximum

\$0.0000 + \$0.0013 = \$0.0013

Minimum

\$0.0000

Overrun

\$0.0700

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

Base Tariff Rate<sup>1/</sup> RATE SCHEDULE FTS

Reservation Charge <sup>2/</sup>

Maximum

\$2.2496

Daily Rate - Maximum

\$0.0740

Commodity

Maximum Minimum Overrun

\$0.0000

\$0.0000 \$0.0740

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

Base Tariff Rate<sup>1/</sup> 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<sup>1/</sup>
RATE SCHEDULE FTS

Reservation Charge <sup>2/</sup>

Maximum \$2.1979

Daily Rate - Maximum \$0.0723

Commodity

 Maximum
 \$0.0000

 Minimum
 \$0.0000

 Overrun
 \$0.0723

# RATE SCHEDULE ITS

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

0.307%

Transportation Retainage Adjustment

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.

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

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

COMPANY NAME: DUKE ENERGY OHIO

# PRIMARY GAS SUPPLIER / TRANSPORTER

DETAILS FOR THE EGC IN EFFECT AS OF	December 1, 2017	_ AND THE PROJECTED	
VOLUME FOR THE TWELVE MONTH PERIOD ENDED	November 30, 2018	_	
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		OTHER DTH
PURCHASE SOURCE		INTRASTATE	_OITIEN DITT
<u> </u>		NTIVACIATE	
INCLUDABLE GAS SUPPLIERS			
	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
	( \$ PER)	VOLUME	(\$)
DEMAND		7020112	1 ,
FT-A DEMAND	2.4550	288,000	707,040
	2.1000	200,000	707,040
			1
TOTAL DEMAND			707.040
TOTAL DEWAND			707,040
COMMODITY			
COMMODITI			
TOTAL COMMODITY			
TOTAL COMMODITY			0
			1
MISCELLANEOUS			
TRANSPORTATION	-	-	-
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
	[ ]		l
TOTAL MISCELLANEOUS			-
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 1 DAY OF 30 Mg . 2016

TENNESSEE GAS PIPELINE COMPANY, L.L.C.

Title: Marketing & Business De-

AGREED TO AND ACCEPTED

THIS 13 DAY OF JUNEC 2016

DUKE ENERGY QHIO, INC.

DOK

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

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

SERVICE PACKAGE:

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

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Base									
Reservation Rates	DECEMBE				DELIVER	Y ZONE			
	ZONE	0	L	1	2	3	4	5	6
	0 L 1 2 3 4 5 6	\$5.5411 \$8.3417 \$15.5759 \$15.8514 \$20.1259 \$23.9973 \$27.7603	\$4.9193	\$11.5794 \$7.9962 \$10.5774 \$8.3784 \$18.5544 \$16.8625 \$19.3678	\$15.5758 \$10.6413 \$5.5014 \$5.5458 \$7.0708 \$7.4172 \$13.3296	\$15.8514 \$15.0745 \$5.1427 \$4.0009 \$10.7456 \$8.9748 \$14.6845	\$17.4175 \$14.8460 \$6.5803 \$6.1457 \$5.2598 \$5.8432 \$10.3726	\$18.4879 \$16.7429 \$9.0504 \$11.1149 \$5.6884 \$5.4810 \$5.4568	\$23.1959 \$20.5878 \$11.6830 \$12.8437 \$8.1265 \$7.1353 \$4.7237
Daily Base Reservation Rate 1/	DECEIDT				DELIVER	Y ZONE			
	ZONE	0	L	1	2	3	4	5	6
	0	\$0.1822		\$0.3807	\$0.5121	\$0.5211	\$0.5726	\$0.6078	\$0.7626
	1 2 3 4 5 6	\$0.2742 \$0.5121 \$0.5211 \$0.6617 \$0.7890 \$0.9127	\$0.1617	\$0.2629 \$0.3478 \$0.2755 \$0.6100 \$0.5544 \$0.6367	\$0.3499 \$0.1809 \$0.1823 \$0.2325 \$0.2439 \$0.4382	\$0.4956 \$0.1691 \$0.1315 \$0.3533 \$0.2951 \$0.4828	\$0.4881 \$0.2163 \$0.2021 \$0.1729 \$0.1921 \$0.3410	\$0.5505 \$0.2975 \$0.3654 \$0.1870 \$0.1802 \$0.1794	\$0.6769 \$0.3841 \$0.4223 \$0.2672 \$0.2346 \$0.1553
Maximum Reservation Rates 2 /, 3 /					DELIVER	Y ZONE			
	ZONE	0	L	1	2	3	4	5	6
	3 4	\$5.5627 \$8.3633 \$15.5975 \$15.8730 \$20.1475 \$24.0189 \$27.7819	\$4.9409	\$11.6010 \$8.0178 \$10.5990 \$8.4000 \$18.5760 \$16.8841 \$19.3894	\$15.5974 \$10.6629 \$5.5230 \$5.5674 \$7.0924 \$7.4388 \$13.3512	\$15.8730 \$15.0961 \$5.1643 \$4.0225 \$10.7672 \$8.9964 \$14.7061	\$17.4391 \$14.8676 \$6.6019 \$6.1673 \$5.2814 \$5.8648 \$10.3942	\$18.5095 \$16.7645 \$9.0720 \$11.1365 \$5.7100 \$5.5026 \$5.4784	\$23.2175 \$20.6094 \$11.7046 \$12.8653 \$8.1481 \$7.1569 \$4.7453

### 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 \$0.0216.

Discounted Rate: \$2.4334

PS/GHG: DEO Rate: <u>0.0216</u> \$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

VOLUME FOR THE EGC IN EFFECT AS OF VOLUME FOR THE TWELVE MONTH PERIOD ENDED	December 1, 2017 November 30, 2018	AND THE PROJECTED	
SUPPLIER OR TRANSPORTER NAME _	Various Producers / Ma	 arketers	
TARIFF SHEET REFERENCE			
EFFECTIVE DATE OF TARIFF		RATE SCHEDULE NUMBER	
TYPE GAS PURCHASED	X NATURAL	LIQUIFIED	SYNTHETIC
UNIT OR VOLUME TYPE	MCF	CCF X	OTHER DTH
PURCHASE SOURCE_	X INTERSTATE	INTRASTATE	_
INCLUDABLE GAS SUPPLIERS			
	UNIT	TWELVE	EXPECTED GAS
PARTICULARS	RATE	MONTH	COST AMOUNT
	( \$ PER)	VOLUME	(\$)
DEMAND			
Various Producers/Marketers	-	16,594,900	33,613
Needle Peaking @ City Gate (Various Suppliers)	~	1,025,000	103,500
TOTAL DEMAND			407.440
TOTAL DEMAND			137,113
COMMODITY			
See Commodity Costs sheet, Page 8 of 8.			
oce commodity costs sileet, rage o or o.			
TOTAL COMMODITY			-
MISCELLANEOUS			
TRANSPORTATION	-	-	=
OTHER MISCELLANEOUS (SPECIFY)	-	-	-
TOTAL MISCELLANEOUS			0
TOTAL MISCELLANEOUS			
TOTAL EXPECTED GAS COST OF PRIMARY SUPPLIE	R/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	December 1, 2017 November 30, 2018	_AND THE PROJECTED		
SUPPLIER OR TRANSPORTER NAME TARIFF SHEET REFERENCE EFFECTIVE DATE OF TARIFF	Commodity Costs	RATE SCHEDULE NUMBER		- -
TYPE GAS PURCHASED X UNIT OR VOLUME TYPE PURCHASE SOURCE X	MCF	LIQUIFIEDCCFINTRASTATE	SYNTHETIC OTHER	
GAS COMMODITY RATE FOR DECEMBER 2017:				
GAS MARKETERS: WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1): DUKE ENERGY OHIO FUEL DTH TO MCF CONVERSION ESTIMATED WEIGHTING FACTOR GAS MARKETERS COMMODITY RATE	0.900% 1.0744 81.101%	\$0.2258	\$3.0080 \$3.0351 \$3.2609 \$2.6446 <b>\$2.645</b>	\$/Dth \$/Mcf \$/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	0.900% 1.0744 14.232% 0.900% 1.0744 4.308%	\$0.0222 \$0.0013 \$0.0311 \$0.2594 \$ \$ \$0.0627 \$0.0263 \$0.2192	\$3.3676 \$3.3829 \$3.4313 \$3.4535 \$3.4535 \$3.7453 \$0.5330 <b>\$0.533</b> \$2.8577 \$2.9204 \$2.9467 \$3.1659 \$0.1364 <b>\$0.136</b>	\$/Dth \$/Dth \$/Dth \$/Dth \$/Mcf \$/Mcf \$/Mcf \$/Dth \$/Dth \$/Dth \$/Mcf
PROPANE: WEIGHTED AVERAGE PROPANE INVENTORY RATE GALLON TO MCF CONVERSION ESTIMATED WEIGHTING FACTOR PROPANE COMMODITY RATE	15.38 0.359%		\$0.69269 \$10.6536 \$0.0382 \$ <b>0.038</b>	\$/Mcf \$/Mcf

FOOTNOTE NO. (1) Weighted average cost of gas based on NYMEX prices on 11/6/17 and contracted hedging prices.

### OTHER PRIMARY GAS SUPPLIERS

DETAILS FOR THE EGC IN EFFECT AS OF December 1, 2017 AND THE PROJECTED VOLUME FOR THE TWELVE MONTH PERIOD ENDED November 30, 2018

SUPPLIER NAME	UNIT RATE	TWELVE MONTH VOLUME	EXPECTED GAS COST AMOUNT
OTHER GAS COMPANIES	IVALE	VOLUME	COST ANIOUNT
TOTAL OTHER CAR COMPANIES			
TOTAL OTHER GAS COMPANIES  OHIO PRODUCERS			
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) FRAS Capacity Assignment TOTAL SELF-HELP ARRANGEMENT	0.214 * (0.027) * 7.16 0.018 (0.161)	2,998,605 32,077,427 1,743,480 29,078,822 26,803,629	(641,701 451,176 (12,483,317 (523,419 (4,326,520 (17,523,781
SPECIAL 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) 0.63505 INCLUDABLE PROPANE FOR 12 MO. ENDED 8/31/2017 (GALS) 1,069,059 SUB TOTAL 678,906 INCLUDABLE PROPANE (PEAK SHAVING @ ERLANGER PLANT): BOOK COST OF INCLUDABLE PROPANE (\$/GAL) 0.78012 INCLUDABLE PROPANE FOR 12 MO. ENDED 8/31/2017 (GALS) 704,870 SUB TOTAL 549,883 TOTAL DOLLARS 1,228,789 **TOTAL GALLONS** 1,773,929 See Commodity Costs sheet, Page 8 of 8. WEIGHTED AVERAGE RATE \$0.69269

# 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, 2017

### Monthly Storage Activity

Month	Beginning Storage Inventory	Injected	Withdrawn	Ending Storage Inventory
October 2017	\$28,399,422	\$665,220	\$0	\$29,064,642
November 2017	\$29,064,642	\$0	\$1,440,933	\$27,623,709
December 2017	\$27,623,709	\$0	\$4,253,311	\$23,370,398

# 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, 2017

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 2017	\$29,064,642		0.8333%		
2	November 2017	\$27,623,709	\$28,344,176			
3	December 2017	\$23,370,398	\$25,497,054	\$212,467	3,247,559	\$0.065

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, 2017

PARTICULARS			UNIT	AMOUNT
PROJECTED SALES: TWELVE MONTHS ENDED	November 30	2018	MCF	18,246,894
TOTAL PROJECTED SALES: TWELVE MONTHS ENDED	November 30	2018	MCF	18,246,894
RATIO OF JURISDICTIONAL SALES TO TOTAL SALES			RATIO	1.000
SUPPLIER REFUNDS RECEIVED AND RECONCILIATION ADJU- ORDERED DURING THE THREE MONTH PERIOD	USTMENTS August 31, 2017		\$	(149,124.73)
JURISDICTIONAL SHARE OF SUPPLIER REFUNDS AND RECO	ONCILIATION ADJUS	STMENTS	\$	(149,124.73)
INTEREST FACTOR				1.0550
JURISDICTIONAL SHARE OF SUPPLIER REFUNDS AND RECO	ONCILIATION		\$	(157,326.59)
JURISDICTIONAL SALES: TWELVE MONTHS ENDED	November 30	2018	MCF	18,246,894
CURRENT SUPPLIER REFUND AND RECONCILIATION ADJUS	STMENT		\$/MCF	(0.009)

# DETAILS OF REFUNDS / ADJUSTMENTS RECEIVED DURING THE THREE MONTH PERIOD ENDED August 31, 2017

PARTICULARS (SPECIFY)	UNIT	AMOUNT
SUPPLIER		
Columbia Gas Transmission		149,124.73
TOTAL REFUNDS APPLICABLE TO THE CURRENT GCR	\$	149,124.73

## PURCHASE GAS ADJUSTMENT DUKE ENERGY OHIO ACTUAL ADJUSTMENT

DETAILS FOR THE THREE MONTH PERIOD ENDED

August 31, 2017

PARTICULARS	UNIT	JUNE	JULY	AUGUST
SUPPLY VOLUME PER BOOKS				
PRIMARY GAS SUPPLIERS	MCF	1,452,075	1,373,346	805,677
UTILITY PRODUCTION	MCF	0	0	0
INCLUDABLE PROPANE	MCF	0	0	0
OTHER VOLUMES (SPECIFY) ADJUSTMENT	MCF	8,293	(56,352)	6,990
TOTAL SUPPLY VOLUMES	MCF	1,460,368_	1,316,994	812,667
SUPPLY COST PER BOOKS				
PRIMARY GAS SUPPLIERS	\$	6,069,887	5,998,001	3,894,144
TRANSITION COSTS	\$	0	0	0
GAS STORAGE CARRYING COSTS	\$	111,921	152,664	190,326
INCLUDABLE PROPANE	\$	0	0	0
OTHER COSTS (SPECIFY):		45		
MANAGEMENT FEE	\$	(179,232)	(179,232)	(179,232)
CONTRACT COMMITTMENT COSTS RIDER	\$	16,253	14,140	13,443
TRANSPORTATION GAS COST CREDIT	\$	0	0	0
RATE "IT" CREDIT	\$	0	0	0
FIRM TRANSPORTATION SUPPLIER COST	\$	541	7,282	5,027
CUSTOMER POOL USAGE COST LOSSES - DAMAGED LINES	\$	(1,162,464)	(1,186,875)	(1,120,557)
	\$	(100)	0	(137)
SALES TO REMARKETERS	\$	0	0	0
WEIGHTED AVERAGE PIPELINE COST REFUNDED/(BILLED) TO SUPPLIERS	\$	0	0	0
TOTAL SUPPLY COSTS			ä	
	\$	4,856,806	4,805,980	2,803,014
SALES VOLUMES				
JURISDICTIONAL	MCF	416,054.3	293,145.4	299,893.8
NON-JURISDICTIONAL	MCF	0.0	0.0	0.0
OTHER VOLUMES (SPECIFY):	MCF	0.0	0.0	0.0
TOTAL SALES VOLUMES	MCF	416,054.3	293,145.4	299,893.8
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF	11.673	16.395	9.347
LESS: EGC IN EFFECT FOR THE MONTH	\$/MCF	4.592	4.465	4.454
DIFFERENCE	\$/MCF	7.081	11.930	4.893
TIMES: MONTHLY JURISDICTIONAL SALES	MCF	416,054.3	293,145.4	299,893.8
EQUALS MONTHLY COST DIFFERENCE	\$	2,946,080.50	3,497,224.62	1,467,380.36
PARTICULARS	UNIT			AMOUNT
TOTAL COST DIFFERENCE FOR THE THREE MONTH PERIOD	\$			7,910,685.48
BALANCE ADJUSTMENT FROM SCHEDULE IV	\$			(1,033,796.11)
TOTAL COST DIFFERENCE FOR USE IN THE CURRENT AA CALCULATIOI	N \$			6,876,889.37
DIVIDED BY: 12 MONTH PROJECTED SALES ENDED November 30	2018 MCF			18,246,894
EQUALS CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF		:	0.377

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

August 31, 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 ( AUGUST 30, 2016 )	\$	(4,163,691.83)
LESS: DOLLAR AMOUNT RESULTING FROM THE AA OF \$ (0.191) /MCF AS USED TO COMPUTE THE GCR IN EFFECT FOUR QUARTERS PRIOR TO THE CURRENTLY EFFECTIVE GCR TIMES THE JURISDICTIONAL SALES OF 16.386.889 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	\$	(3,129,895.72)
BALANCE ADJUSTMENT FOR THE AA	\$	(1,033,796.11)
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, 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 16.386.889 MCF FOR THE PERIOD BETWEEN THE EFFECTIVE DATE OF THE CURRENT GCR RATE AND THE EFFECTIVE DATE OF THE GCR RATE IN EFFECT APPROXIMATELY ONE YEAR PRIOR TO THE CURRENT RATE		
	\$	0.00
BALANCE ADJUSTMENT FOR THE RA	\$	0.00
DOLLAR AMOUNT OF THE BALANCE ADJUSTMENT AS USED TO COMPUTE BA OF THE GCR IN EFFECT ONE QUARTER PRIOR TO THE CURRENTLY EFFECTIVE GCR ( AUGUST 30, 2016 )	\$	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	\$	(1,033,796.11)

This foregoing document was electronically filed with the Public Utilities

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in

Case No(s). 17-0218-GA-GCR, 89-8002-GA-TRF

Summary: Tariff Duke Energy Ohio GCR December 2017 (2) electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Heitkamp, Douglas J. and Lee, Julie Ann Mrs.