

**DUKE ENERGY KENTUCKY, INC
GAS COST ADJUSTMENT CLAUSE**

QUARTERLY REPORT

GAS COST RECOVERY RATES EFFECTIVE FROM August 31, 2021 THROUGH November 30, 2021

DESCRIPTION	UNIT	AMOUNT
EXPECTED GAS COST (EGC)	\$/MCF	5.213
SUPPLIER REFUND ADJUSTMENT (RA)	\$/MCF	0.000
ACTUAL ADJUSTMENT (AA)	\$/MCF	(0.033)
BALANCE ADJUSTMENT (BA)	\$/MCF	0.001
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA +BA	\$/MCF	5.181

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	5.213

SUPPLIER REFUND ADJUSTMENT CALCULATION

DESCRIPTION	UNIT	AMOUNT
CURRENT QUARTER SUPPLIER REFUND ADJ.	\$/MCF	0.000
PREVIOUS QUARTER REPORTED SUPPLIER REFUND ADJ.	\$/MCF	0.000
SECOND PREVIOUS QUARTER REPORTED SUPPLIER REFUND ADJ.	\$/MCF	0.000
THIRD PREVIOUS QUARTER REPORTED SUPPLIER REFUND ADJ.	\$/MCF	0.000
SUPPLIER REFUND ADJUSTMENT (RA)	\$/MCF	0.000

ACTUAL ADJUSTMENT CALCULATION

DESCRIPTION	UNIT	AMOUNT
CURRENT QUARTER ACTUAL ADJUSTMENT	\$/MCF	(0.282)
PREVIOUS QUARTER REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.095)
SECOND PREVIOUS QUARTER REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.254
THIRD PREVIOUS QUARTER REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.090
ACTUAL ADJUSTMENT (AA)	\$/MCF	(0.033)

BALANCE ADJUSTMENT CALCULATION

DESCRIPTION	UNIT	AMOUNT
CURRENT QUARTER BALANCE ADJUSTMENT	\$/MCF	(0.022)
PREVIOUS QUARTER REPORTED BALANCE ADJUSTMENT	\$/MCF	0.012
SECOND PREVIOUS QUARTER REPORTED BALANCE ADJUSTMENT	\$/MCF	0.009
THIRD PREVIOUS QUARTER REPORTED BALANCE ADJUSTMENT	\$/MCF	0.002
BALANCE ADJUSTMENT (BA)	\$/MCF	0.001

THIS QUARTERLY REPORT FILED PURSUANT TO ORDER NO. 8373 OF THE KENTUCKY PUBLIC SERVICE COMMISSION DATED APRIL 16, 1982.

DATE FILED: July 30, 2021

BY: SARAH LAWLER

TITLE: Vice President
Rates & Regulatory Strategy - OH/KY

**GAS COST ADJUSTMENT
DUKE ENERGY KENTUCKY
EXPECTED GAS COST RATE CALCULATION (EGC)**

SUMMARY FOR THE EGC RATE IN EFFECT AS OF : AUGUST 31, 2021

		\$
<u>DEMAND (FIXED) COSTS:</u>		
Columbia Gas Transmission Corp.		5,170,141
Columbia Gulf Transmission Corp.		1,023,975
Tennessee Gas Pipeline Company, LLC		962,866
KO Transmission Company		1,898,986
Texas Gas Transmission, LLC		584,245
Gas Marketers		99,900
TOTAL DEMAND COST:		9,740,113
PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:	9,796,462	MCF
DEMAND (FIXED) COMPONENT OF EGC RATE:	\$9,740,113 /	9,796,462 MCF \$0.994 /MCF
 <u>COMMODITY COSTS:</u>		
Gas Marketers		\$4.057 /MCF
Gas Storage		
Columbia Gas Transmission		\$0.155 /MCF
Propane		\$0.007 /MCF
COMMODITY COMPONENT OF EGC RATE:		\$4.219 /MCF
Other Costs:		
Net Charge Off ⁽¹⁾	\$0 /	214,923 \$0.000 /MCF
TOTAL EXPECTED GAS COST:		\$5.213 /MCF

⁽¹⁾ Net Charge Off amount from Case No. 2018-00261 WPD-2.15a, line 6.

**GAS COST ADJUSTMENT
DUKE ENERGY KENTUCKY**

DETAILS FOR THE EGC RATE IN EFFECT AS OF : [AUGUST 31, 2021](#)

	RATE (\$ DTH)	CONTRACT VOLUME (DTH)	NUMBER OF DAYS/MTHS	EXPECTED GAS COST (\$)
INTERSTATE PIPELINE : COLUMBIA GAS TRANSMISSION, LLC				
TARIFF RATE EFFECTIVE DATE : FSS: 2/1/2021				
SST: 5/1/2021				
BILLING DEMAND - TARIFF RATE - FSS				
Max. Daily Withdrawl Quan.	3.7300	39,656	12	1,775,003
Seasonal Contract Quantity	0.0672	1,365,276	12	1,100,959
BILLING DEMAND - TARIFF RATE - SST				
Maximum Daily Quantity	6.4280	39,656	6	1,529,453
Maximum Daily Quantity	6.4280	19,828	6	764,726
CAPACITY RELEASE CREDIT				
TOTAL COLUMBIA GAS TRANSMISSION, LLC - DEMAND CHARGES				5,170,141
INTERSTATE PIPELINE : COLUMBIA GULF TRANSMISSION CORP.				
TARIFF RATE EFFECTIVE DATE : FTS-1: 08/01/2020				
BILLING DEMAND - TARIFF RATE - FTS-1				
Maximum Daily Quantity	3.3300	21,000	5	349,650
Maximum Daily Quantity	3.3300	13,500	7	314,685
Maximum Daily Quantity	3.3300	9,000	12	359,640
CAPACITY RELEASE CREDIT FOR FTS-1				0
TOTAL COLUMBIA GULF TRANSMISSION CORP. DEMAND CHARGES				1,023,975
INTERSTATE PIPELINE : TENNESSEE GAS PIPELINE COMPANY, LLC				
TARIFF RATE EFFECTIVE DATE : FT-A: 11/1/2020				
BILLING DEMAND - TARIFF RATE - FTS-1				
Maximum Daily Quantity	2.4746	23,000	7	398,411
	4.9083	23,000	5	564,455
TOTAL TENNESSEE GAS PIPELINE COMPANY, LLC - DEMAND CHARGES				962,866

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	MCRM Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Rate Schedule SST								
Reservation Charge 3/ Commodity	\$	12.236	0.277	0.103	0.112	0.00	12.728	0.4185
Maximum	¢	0.80	0.10	0.66	0.00	0.00	1.56	1.56
Minimum	¢	0.80	0.10	0.66	0.00	0.00	1.56	1.56
Overrun 4/								
Maximum	¢	41.03	1.01	1.00	0.37	0.00	43.41	43.41
Minimum	¢	0.80	0.10	0.66	0.00	0.00	1.56	1.56

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

Currently Effective Rates
 Applicable to Rate Schedule FSS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	Transportation Cost Rate Adjustment Current Surcharge		Electric Power Costs Adjustment Current Surcharge		MCRM Rate	Total Effective Rate	Daily Rate
Rate Schedule FSS									
Reservation Charge	\$	3.730	-	-	-	-	0.00	3.730	0.1226
Capacity	¢	6.72	-	-	-	-	0.00	6.72	6.72
Injection	¢	1.50	-	-	-	-	0.00	1.50	1.50
Withdrawal	¢	1.50	-	-	-	-	0.00	1.50	1.50
Overrun	¢	21.98	-	-	-	-	0.00	21.98	21.98

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

RETAINAGE PERCENTAGES

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

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

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

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

Rate Schedule FTS-1	<u>Base Rate</u> (1) 1/	<u>Total Effective Rate</u> (2) 1/		<u>Daily Rate</u> (3) 1/
<u>Market Zone</u>				
Reservation Charge				
Maximum	5.049	5.049	Discounted to \$3.33	0.1660
Minimum	0.000	0.000		0.000
Commodity				
Maximum	0.0109	0.0109	ACA	0.0109
Minimum	0.0109	0.0109	+0.0011 = .0120	0.0109
Overrun				
Maximum	0.1769	0.1769		0.1769
Minimum	0.0109	0.0109		0.0109

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

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



March 28, 2018

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

RE: SST Service Agreement No. 79977
Discount Letter Amendment

Dear Mr. Kern:

This letter will serve as an amendment to the SST Service Agreement No. 79977 between Columbia Gas Transmission, LLC (Transporter) and Duke Energy Kentucky, Inc. (Shipper) and supersedes and replaces all prior Discount Letter Amendments. Transporter and Shipper hereby agree that Section 3 of the above-referenced service agreement is amended to provide the following:

1. The rate for service, for the period from 3/01/2018 to 1/31/2019, will include a discounted demand rate of \$4.198, inclusive of all surcharges, for any receipts into Transporter's pipeline system for delivery to the primary delivery point 834696 (KOT DEK MLI) and for delivery to the secondary delivery point STOR (RP Storage Point TCO).
2. The rate for service, for the period from 2/01/2019 to 1/31/2020, will include a discounted demand rate of \$5.653, inclusive of all surcharges, for any receipts into Transporter's pipeline system for delivery to the primary delivery point 834696 (KOT DEK MLI) and for delivery to the secondary delivery point STOR (RP Storage Point TCO).
3. The rate for service, for the period from 2/01/2020 to 1/31/2021, will include a discounted demand rate of \$6.045, inclusive of all surcharges, for any receipts into Transporter's pipeline system for delivery to the primary delivery point 834696 (KOT DEK MLI) and for delivery to the secondary delivery point STOR (RP Storage Point TCO).
4. The rate for service, for the period from 2/01/2021 to 3/31/2022, will include a discounted demand rate of \$6.428, inclusive of all surcharges, for any receipts into Transporter's pipeline system for delivery to the primary delivery point 834696 (KOT DEK MLI) and for delivery to the secondary delivery point STOR (RP Storage Point TCO).
5. The above discounted demand rates will be inclusive of demand surcharges at the rates specified in the currently effective Part V.8. (Currently Effective Rates Applicable to Rate Schedule SST) of Transporter's FERC Gas Tariff as amended from time to time.

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

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

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

DUKE ENERGY KENTUCKY, INC.

DR By: [Signature]

Its: Sr VP and Chief Commercial Officer

COLUMBIA GAS TRANSMISSION, LLC

By: [Signature]

James R. Eckert

Its: Vice President

LEGAL
<u>DRH 3/28/18</u>
DATE
DATE

DRH



700 Louisiana Street, Suite 700
Houston, TX 77002

August 7, 2019

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

RE: FTS-1 Service Agreement No. 79970 Revision 4
Discount Letter Amendment

Dear Joanna:

This letter will serve as an amendment to the FTS-1 Service Agreement No. 79970 Revision 4 between Columbia Gulf Transmission, LLC (Transporter) and Duke Energy Kentucky, Inc. (Shipper). Transporter and Shipper hereby agree that Section 3 of the above-referenced Service Agreement is amended to provide the following:

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

Effective from November 1, 2019 through October 31, 2024 for a Transportation Demand of 21,000 (11/1 to 3/31) and a Transportation Demand of 13,500 (4/1 to 10/31):

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

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

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

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

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

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

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

COLUMBIA GULF TRANSMISSION,
LLC

DUKE ENERGY KENTUCKY, INC. 

By Carol Welham

By Bone Birdley 

Its Manager Transportation Contracts

Its VP Regulatory + Community Relations

Date: 10-17-19

Date: 10/16/2019

Service Agreement No. 79970

Revision No. 4

FTS-1 SERVICE AGREEMENT

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

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

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

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

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

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


Section 5. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): FTS-1 No. 79970, Revision No. 3.

DUKE ENERGY KENTUCKY, INC.

By

Title

Date


Bruce Burdick
VP- Regulatory & Community Relations
10/16/2019

COLUMBIA GULF TRANSMISSION, LLC

By

Title

Date

Carol Wellmann
Manager Transmission Contracts
10-17-19

Appendix A to Service Agreement No. 79970
 Under Rate Schedule FTS-1
 between Columbia Gulf Transmission, LLC ("Transporter")
 and Duke Energy Kentucky, Inc. ("Shipper").

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	21,000	11/1 - 3/31
11/01/2019	10/31/2024	13,500	4/1 - 10/31

Primary Receipt Points

<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	2700010	CGT-RAYNE	21,000	11/1 - 3/31
11/01/2019	10/31/2024	2700010	CGT-RAYNE	13,500	4/1 - 10/31

Primary Delivery Points

<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	MEANS	MEANS	21,000	11/1 - 3/31
11/01/2019	10/31/2024	MEANS	MEANS	13,500	4/1 - 10/31

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

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

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

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

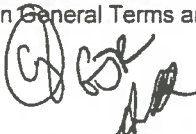
Yes No (Check applicable blank) This Service Agreement covers interim capacity sold pursuant to the provisions of General Terms and Conditions Section 4. Right of first refusal rights, if any, applicable to this interim capacity are limited as provided for in General Terms and Conditions Section 4.

DUKE ENERGY KENTUCKY, INC.

By

Title

Date

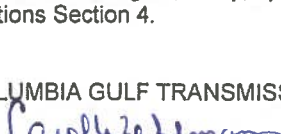

Bruce Burdick
VP Regulatory & Community Relations
10/16/2019

COLUMBIA GULF TRANSMISSION, LLC

By

Title

Date


Carol Heleman
Manager, Transportation Contracts
10-17-19



700 Louisiana Street, Suite 700
Houston, TX 77002

August 7, 2019

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

RE: FTS-1 Service Agreement No. 154404 Revision 1
Discount Letter Amendment

Dear Joanna:

This letter will serve as an amendment to the FTS-1 Service Agreement No. 154404 Revision 1 between Columbia Gulf Transmission, LLC (Transporter) and Duke Energy Kentucky, Inc. (Shipper). Transporter and Shipper hereby agree that Section 3 of the above-referenced Service Agreement is amended to provide the following:

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

Effective from November 1, 2019 through October 31, 2024 for a Transportation Demand of 9,000:

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

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

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

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

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

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

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

COLUMBIA GULF TRANSMISSION,
LLC

By Carl Wellman
Its Manager Transportation Contracts
Date: 10-17-19

DUKE ENERGY KENTUCKY, INC.

By Bruce Burdley
Its VP Regulatory & Community Relations
Date: 10/16/2019

Cy
GSP
Ad

Service Agreement No. 154404

Revision No. 1

FTS-1 SERVICE AGREEMENT

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

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

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

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

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

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

Section 5. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): FTS-1 No. 154404, Revision No. 0.

DUKE ENERGY KENTUCKY, INC.

By

Paula Barkley

Title

VP Regulatory & Community Relations

Date

10/16/2019

Handwritten initials and a circled 'G'.

COLUMBIA GULF TRANSMISSION, LLC

By

Carol Wehman

Title

Manages Transportation Contracts

Date

10-17-19

Appendix A to Service Agreement No. 154404
 Under Rate Schedule FTS-1
 between Columbia Gulf Transmission, LLC ("Transporter")
 and Duke Energy Kentucky, Inc. ("Shipper").

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	9,000	1/1 - 12/31

Primary Receipt Points

<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	801	GULF-LEACH	9,000	1/1 - 12/31

Primary Delivery Points

<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
11/01/2019	10/31/2024	MEANS	MEANS	9,000	1/1 - 12/31

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

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

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

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

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

DUKE ENERGY KENTUCKY, INC

By

Title

Date

CR *CR*
Rene Buddy
VP Regulatory & Community Relations
10/16/2019

COLUMBIA GULF TRANSMISSION, LLC

By

Title

Date

Carol Weldon
Manager, Interruptible Contracts
10-17-19

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

Seventeenth Revised Sheet No. 23
 Superseding
 Sixteenth Revised Sheet No. 23

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FT-G

Base
 Reservation Rates

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$ 4.8571		\$10.1498	\$13.6529	\$13.8945	\$15.2673	\$16.2055	\$20.3323	
L		\$4.3119							
1	\$ 7.3119		\$ 7.0090	\$ 9.3276	\$13.2135	\$13.0132	\$14.6759	\$18.0462	
2	\$13.6530		\$ 9.2716	\$ 4.8222	\$ 4.5078	\$ 5.7679	\$ 7.9331	\$10.2407	
3	\$13.8945		\$ 7.3440	\$ 4.8611	\$ 3.5070	\$ 5.3870	\$ 9.7428	\$11.2581	
4	\$17.6413		\$16.2638	\$ 6.1979	\$ 9.4190	\$ 4.6105	\$ 4.9861	\$ 7.1232	
5	\$21.0347		\$14.7807	\$ 6.5015	\$ 7.8669	\$ 5.1218	\$ 4.8044	\$ 6.2544	
6	\$24.3333		\$16.9768	\$11.6840	\$12.8717	\$ 9.0920	\$ 4.7831	\$ 4.1405	

Daily Base
 Reservation Rates 1/

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$0.1597		\$0.3337	\$0.4489	\$0.4568	\$0.5019	\$0.5328	\$0.6685	
L		\$0.1418							
1	\$0.2404		\$0.2304	\$0.3067	\$0.4344	\$0.4278	\$0.4825	\$0.5933	
2	\$0.4489		\$0.3048	\$0.1585	\$0.1482	\$0.1896	\$0.2608	\$0.3367	
3	\$0.4568		\$0.2414	\$0.1598	\$0.1153	\$0.1771	\$0.3203	\$0.3701	
4	\$0.5800		\$0.5347	\$0.2038	\$0.3097	\$0.1516	\$0.1639	\$0.2342	
5	\$0.6916		\$0.4859	\$0.2137	\$0.2586	\$0.1684	\$0.1580	\$0.2056	
6	\$0.8000		\$0.5581	\$0.3841	\$0.4232	\$0.2989	\$0.1573	\$0.1361	

Maximum
 Reservation Rates 2/, 3/

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$ 4.8984		\$10.1911	\$13.6942	\$13.9358	\$15.3086	\$16.2468	\$20.3736	
L		\$4.3532							
1	\$ 7.3532		\$ 7.0503	\$ 9.3689	\$13.2548	\$13.0545	\$14.7172	\$18.0875	
2	\$13.6943		\$ 9.3129	\$ 4.8635	\$ 4.5491	\$ 5.8092	\$ 7.9744	\$10.2820	
3	\$13.9358		\$ 7.3853	\$ 4.9024	\$ 3.5483	\$ 5.4283	\$ 9.7841	\$11.2994	
4	\$17.6826		\$16.3051	\$ 6.2392	\$ 9.4603	\$ 4.6518	\$ 5.0274	\$ 7.1645	
5	\$21.0760		\$14.8220	\$ 6.5428	\$ 7.9082	\$ 5.1631	\$ 4.8457	\$ 6.2957	
6	\$24.3746		\$17.0181	\$11.7253	\$12.9130	\$ 9.1333	\$ 4.8244	\$ 4.1818	

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 \$0.0413.

Discount Rate	2.4333
PS/GHG	.0413
TOTAL	2.4746

Date: April 6, 2021

JEFF PATTON
DUKE ENERGY KENTUCKY, INC
139 EAST FOURTH STREET, EX460
CINCINNATI, OH 45202

RE: Amendment No. 2 to
Gas Transportation Agreement
Dated November 1, 2016
Service Package No. 321247-FTATGP

Dear Jeff:

TENNESSEE GAS PIPELINE COMPANY, L.L.C. and DUKE ENERGY KENTUCKY, INC (DUKE ENERGY KENTUCKY, INC) agree to amend the Agreement effective April 1, 2022, to extend the term as reflected in the Attached Revised Exhibit A.

Except as amended herein, all terms and provisions of the Agreement shall remain in full force and effect as written.

If the foregoing is in accordance with your understanding of the Agreement, please so indicate by electronically executing the amended exhibit below.

Should you have any questions, please do not hesitate to contact me at 713-420-2382.

Best regards,

LINDSAY SALAZAR
Sr. Account Representative
Transportation Services

DUKE ENERGY KENTUCKY, INC
Date: April 6, 2021
Page: 2
Contract number: 321247-FTATGP
Amendment number: 2
Amendment effective date: April 1, 2022

TENNESSEE GAS PIPELINE COMPANY, L.L.C.

BY: _____
Agent and Attorney-in-Fact

DUKE ENERGY KENTUCKY, INC

BY: _____

TITLE: _____

DATE: _____

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

EXHIBIT A
AMENDMENT NO. 2
TO GAS TRANSPORTATION AGREEMENT
DATED November 1, 2016
BETWEEN
TENNESSEE GAS PIPELINE COMPANY, L.L.C.
AND
DUKE ENERGY KENTUCKY, INC

Amendment Effective Date: April 1, 2022

Service Package: 321247-FTATGP

Service Package TQ: 23000 Dth

Beginning Date	Ending Date	TQ
04/01/2022	03/31/2025	23,000

BEGINNING DATE	ENDING DATE	METER	METER NAME	INTERCONNE CT PARTY NAME	COUNTY	ST	ZONE	R/D	LEG	METER-TQ
04/01/2022	03/31/2025	420998	POOLING PT - 800 LEG - ZONE L	TENNESSEE GAS PIPELINE	FRANKLIN	LA	L	R	800	23000
04/01/2022	03/31/2025	420049	COL GAS/TGP NORTH MEANS KY MONTGOME	COLUMBIA GAS TRNSMISSION	MONTGOMERY	KY	02	D	100	23000

Total Receipt TQ 23000
Total Delivery TQ 23000

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 Transporter's FERC Gas Tariff:

Contractual ROFR:

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

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



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

April 6, 2021

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

Attention: Jeff Patton

RE: Discounted Rate Agreement (“Letter Agreement”)
Rate Schedule FT-A Service Package No. 321247

Dear Jeff:

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

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

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

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

Discount Rate Effective 4/1/22 4.867
Greenhouse Gas .0413
4.9083

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

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

Sincerely,

Adrienne Reid
Account Director, Marketing

TENNESSEE GAS PIPELINE COMPANY, LLC
AGREED TO AND ACCEPTED
THIS _____ DAY OF _____, 2021.

By: _____
Name: _____
Title: _____

DUKE ENERGY KENTUCKY, INC.
AGREED TO AND ACCEPTED
THIS _____ DAY OF _____, 2021.

By: _____
Name: _____
Title: _____



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

January 30, 2019

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

Attention: Gennifer Raney

RE: Discounted Rate Agreement ("Letter Agreement")
Amendment No. 1 to Gas Transportation Agreement
Dated November 1, 2016 Service Package No. 321247-FTATGP

Dear Gennifer:

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

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

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

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

January 30, 2019
DUKE ENERGY KENTUCKY, INC.
Attn: JEFF KERN

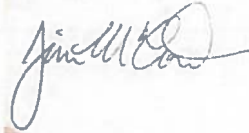
PAGE 2 OF 2

applicable daily Base Commodity Rates under Rate Schedule FT-A as well as the applicable F&LR and EPCR charges and all applicable surcharges under Rate Schedule FT-A.

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


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

Sincerely,

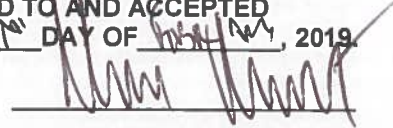


Jim McCord
Account Director, Marketing

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

By:  TS
Name: _____
Title: **Ernesto A. Ochoa**
Vice President - Commercial

DUKE ENERGY KENTUCKY, INC.
AGREED TO AND ACCEPTED
THIS 31 DAY OF February, 2019.

By:  ESK
Name: Alexander Weintraub
Title: SVP + Chief Commercial Officer, Natural Gas

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

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

Amendment Effective Date: April 1, 2019

Service Package: 321247-FTATGP

Service Package TQ: 23,000 Dth

BEGINNING DATE	ENDING DATE	TQ
04/01/2019	03/31/2022	23,000

BEGINNING DATE	ENDING DATE	METER	METER NAME	INTERCONNECT PARTY	COUNTY	ST	ZONE	R/D	LEG	METER-TQ
04/01/2019	03/31/2022	420049	COL GAS/TGP NORTH MEANS KY MONTGOME	COLUMBIA GAS TRNSM. CORP.	MONTGOME RY	KY	2	D	100	23,000
04/01/2019	03/31/2022	420998	POOLING PT - 800 LEG - ZONE L	TENNESSEE GAS PIPELINE	FRANKLIN	LA	L	R	800	23,000

Total Receipt TQ 23,000
Total Delivery TQ 23,000

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

Contractual ROFR

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

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

**GAS COST ADJUSTMENT
DUKE ENERGY KENTUCKY**

DETAILS FOR THE EGC RATE IN EFFECT AS OF : AUGUST 31, 2021

	RATE (\$ DTH)	CONTRACT VOLUME (DTH)	NUMBER OF DAYS/MTHS	EXPECTED GAS COST (\$)
INTERSTATE PIPELINE : KO TRANSMISSION COMPANY				
TARIFF RATE EFFECTIVE DATE :	4/1/2020			
BILLING DEMAND - TARIFF RATE - FT				
Maximum Daily Quantity	2.1979	72,000	12	1,898,986
CAPACITY RELEASE CREDIT				0
TOTAL KO TRANSMISSION CO. DEMAND CHARGES				1,898,986
INTERSTATE PIPELINE : TEXAS GAS TRANSMISSION				
TARIFF RATE EFFECTIVE DATE :	11/1/2018 to 10/31/2021			
	11/1/2021 to 10/31/2024			
BILLING DEMAND - TARIFF RATE - FT				
Maximum Daily Quantity	0.1300	3,700	61	29,341
Maximum Daily Quantity	0.2250	14,000	151	475,650
Maximum Daily Quantity	0.1400	3,700	153	79,254
CAPACITY RELEASE CREDIT				0
TOTAL TEXAS GAS TRANSMISSION DEMAND CHARGES				584,245
GAS MARKETERS FIXED CHARGES				
December - February	0.0300	1,530,000		45,900
December - February	0.02	2,700,000		54,000
TOTAL GAS MARKETERS FIXED CHARGES				99,900

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

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

RATE LEVELS - RATE PER DTH

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

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

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

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

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

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

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

	Base Tariff Rate¹¹
RATE SCHEDULE FTS	
Reservation Charge ^{2/}	
Maximum	\$2.1979
Daily Rate - Maximum	\$0.0723
Commodity	
Maximum	\$0.0000
Minimum	\$0.0000
Overrun	\$0.0723

$$\boxed{\$0.0000 + \$0.0011 = \$0.0011}$$

RATE SCHEDULE ITS

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

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

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

Request No. 9978

Rate Schedule STF
Agreement/Contract No.: 37260
Dated: July 19, 2018

This Agreement is entered into by and between Texas Gas Transmission, LLC, ("Texas Gas") and Duke Energy Kentucky, 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): 14,000 MMBtu/day each winter
3,700 MMBtu/day each summer

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

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

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

Exhibit(s): The following Exhibit(s) are attached and made a part of this Agreement:
Exhibit A, Primary Points
Exhibit B, Contract Notice Address

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

Texas Gas Transmission, LLC	Signature: <u><i>John L. Bittel</i></u>	Date: <u>8/30/18</u> ^{YB} 9/4/18
	Name: <u>John L. Bittel</u>	Title: <u>VP Mktg & Bus Dev - TGT</u>
Duke Energy Kentucky, Inc.	Signature: <u><i>Frank Yoho</i></u>	Date: <u>8/29/2018</u>
	Name: <u>Frank Yoho</u>	Title: <u>EVP+ President, Natural Gas</u>

PLK
DOR
GJR
AD

Rate Schedule: STF
Agreement No.: 37260
Primary Point(s) of Delivery
Effective Date: November 1, 2018

Exhibit A
Primary Point(s)

Delivery Point Meter No.	Delivery Point Meter Name	Zone	*MDP (psig)
1872	Duke Energy KY Shipper DE, Butler, OH	4	

Transportation Path:

Mainline Pipeline 10001 through Mainline Pipeline 41500

*Minimum Delivery Pressure

Rate Schedule: STF
Agreement No.: 37260
Primary Point(s) of Receipt
Effective Date: November 1, 2018

Exhibit A

Primary Point(s)

Line	Receipt Point Meter No.	Receipt Point Meter Name	Zone	Daily Firm Capacity MMBtu/day	
				Winter	Summer
Mainline Pipeline	9185	Enable-Bosco	1	14,000	3,700

Rate Schedule: STF
Agreement No.: 37260
Contract Notices
Effective Date: November 1, 2018

EXHIBIT B

Contract Notices:

Customer Correspondence:

Duke Energy Kentucky, 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



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

November 20, 2020

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

Re: Discounted Rates Letter Agreement to
STF Service Agreement No. 37260
between TEXAS GAS TRANSMISSION, LLC and
DUKE ENERGY KENTUCKY, INC.
dated July 19, 2018

Dear Jeff:

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

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

(a) The Maximum Contract Quantity(ies) for this Agreement shall be: 14,000 MMBtu per day each winter
3,700 MMBtu per day each summer

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

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

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

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

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

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

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

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

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

Very truly yours,

TEXAS GAS TRANSMISSION, LLC

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

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

DS
pk

Rate Schedule STF
Agreement/Contract No. 37260
Dated: July 19, 2018

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

EXHIBIT A

Eligible Primary Receipt Point(s)

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

Eligible Primary Delivery Point(s)

<u>Meter Name</u>	<u>Meter No.</u>	<u>Zone</u>
Duke Energy-Kentucky Shipper DE	1872	4

Rate(s)

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

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

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

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



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

October 26, 2018

Mr. Jeff Kern
Duke Energy Kentucky, Inc.
139 E 4th St EX460
Cincinnati, OH 45022

Re: Discounted Rates Letter Agreement to
STF Service Agreement No. 37260
between TEXAS GAS TRANSMISSION, LLC and
DUKE ENERGY KENTUCKY, INC.
dated July 19, 2018

Dear Jeff:

This Discounted Rates Letter Agreement ("Agreement") specifies additional terms and conditions applicable to the referenced Firm Service Agreement ("Contract") between Texas Gas Transmission, LLC ("Texas Gas") and Duke Energy Kentucky, 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: 14,000 MMBtu per day each winter
3,700 MMBtu per day each summer
- (b) In addition to the rate(s) set forth in Exhibit A, Texas Gas shall charge and Customer shall pay all other applicable charges, including but not limited to surcharges, Texas Gas is authorized to charge pursuant to its Tariff.

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

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

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

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

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

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

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

8. This Agreement supersedes and replaces in its entirety that certain Discounted Rates Letter Agreement by and between Texas Gas and Duke Energy Kentucky, Inc., dated July 19, 2018 (Agreement No. 37260).

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: [Signature]

Name: Jebby L Bittel

Title: V.P. Marketing & Business Dev

Date: 10/24/18

[Signature]
[Signature]
11/1/18

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

DUKE ENERGY KENTUCKY, INC.

By: [Signature]

Name: Frank Yoho

Title: SVP & President, Natural Gas

[Signature]
[Signature]

Signature page to Discounted Rates Letter Agreement, Agreement No. 37260, dated October 26, 2018.

Rate Schedule STF
Agreement/Contract No. 37260
Dated: July 19, 2018

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

EXHIBIT A

Primary Receipt Point(s)

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

Primary Delivery Point(s)

<u>Meter Name</u>	<u>Meter No.</u>	<u>Zone</u>
Duke Energy KY Shipper DE	1872	4

Rate(s)

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

Demand: \$0.205 per MMBtu/day – each winter
 \$0.130 per MMBtu/day – each summer

Commodity: \$0.02 per MMBtu – each winter plus applicable surcharges and fuel retention
 \$0.03 per MMBtu – each summer plus applicable surcharges and fuel retention

The Discounted Daily Demand Rate is limited to deliveries utilizing the primary receipt and delivery point(s) listed above. To the extent Customer and/or its replacement customer delivers gas quantities greater than the contract demand on any day and such deliveries are not daily overrun quantities, then Customer shall pay the applicable maximum daily demand and commodity rates on the entire contract demand for that day.

Rate Schedule STF
Agreement/Contract No. 37260
Dated: July 19, 2018

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

EXHIBIT B

Eligible Secondary Receipt Point(s)

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

Eligible Secondary Delivery Point(s)

<u>Meter Name</u>	<u>Meter No.</u>	<u>Zone</u>
Lebanon-Dominion	1247	4
Lebanon-Columbia Gas	1715	4
Texas Eastern-Lebanon	9959	4
Duke Energy OH Shipper DE	1229	4

Rate(s)

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

The Discounted Daily Demand Rate is limited to deliveries utilizing the eligible secondary receipt and delivery point(s) listed above. To the extent Customer and/or its replacement customer delivers gas quantities greater than the contract demand on any day and such deliveries are not daily overrun quantities, then Customer shall pay the applicable maximum demand and commodity rates on the entire contract demand for that day.

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

FY 2020 GAS ANNUAL CHARGES
CORRECTION FOR ANNUAL CHARGES UNIT CHARGE
June 15, 2020

The annual charges unit charge (ACA) to be applied to in fiscal year 2021 for recovery of FY 2020 Current year and 2019 True-Up is **\$0.0011** per Dekatherm (Dth). The new ACA surcharge will become effective October 1, 2020.

The following calculations were used to determine the FY 2020 unit charge:

2020 CURRENT:

Estimated Program Cost \$67,023,000 divided by 60,657,793,693 Dth = 0.0011049363

2019 TRUE-UP:

Debit/Credit Cost (\$2,266,032) divided by 56,276,625,816 Dth = (0.0000402660)

TOTAL UNIT CHARGE = 0.0010646704

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

PUBLIC

TRANSACTION CONFIRMATION
FOR IMMEDIATE DELIVERY

Date : October 29, 2020
Transaction Confirmation #:

This Transaction Confirmation is subject to the Base Contract between Seller and Buyer dated August 1, 2004. The terms of this Transaction Confirmation are binding unless disputed in writing within 2 Business Days of receipt unless otherwise specified in the Base Contract.

SELLER:

DTE Energy Trading, Inc
414 South Main St., Suite 200
Ann Arbor, MI 48104
Attention: Evan McMurray
Phone: 734-887-4035
Email: DTE_CONFIRMS@dteenergy.com
Base Contract No.

BUYER:

Duke Energy Kentucky, Inc.
4720 Piedmont Row Dr
Charlotte, NC 28210
Attention: Ernest Becaria
Phone:
Email: Ernest.BECARIA@duke-energy.com
Base Contract No.

Contract Price:

The Contract Price per MMBtu shall be the price reported in Platts Gas Daily, Final Daily Price Survey – Platts Locations, under the column “Midpoint” for deliveries to Tennessee, zone 1 plus \$0.01.

Delivery Period: Begin: 12/01/2020 End: 02/28/2021

Performance Obligation and Contract Quantity:

Firm (Fixed Quantity):

___ MMBtus/day

EFP

30,000 x 90 = 2,700,000 x 0.02 = 54,000

Firm (Variable Quantity):

___ MMBtus/day Minimum

30,000 MMBtus/day Maximum

subject to Section 4.2. at election of

Buyer or Seller

Interruptible:

Up to ___ N/A ___ MMBtus/day

Delivery Point(s): The meter on the Tennessee Gas Pipeline Company (“TGP”) pipeline system known as North Means meter #420049.

Special Conditions:

(1) Nominations.

A. Buyer shall have the right to nominate a daily Contract Quantity (from -0- up to a maximum of 30,000 MMBtus) for the following Gas Day by providing Notice to Seller of the Contract Quantity election by at least 9:00 AM EPT. If Buyer provides no notification, the default Contract Quantity will be 0 MMBtus for the following Gas Day.

B. Buyer has the right but is not obligated to call on the Firm (Variable Quantity) for delivery on any day during the Delivery Period but may not exceed a total quantity of 750,000 MMBtus during the Delivery Period.

C. Quantities nominated over a weekend or holiday must be nominated on a ratable basis in accordance with the Intercontinental Exchange (“ICE”) trading schedule

(2) Demand Charge. In addition to the Contract Price, Buyer shall pay Seller a total demand charge of \$54,000 which is equal to the product of \$0.02 multiplied by the number of days in the Delivery Period multiplied by 30,000. Buyer shall pay this total demand charge to Seller in accordance with the standard monthly invoicing and payment provisions of the Base Contract.

(3) In the event of a curtailment during the Delivery Period at the Delivery Point into primary nominations (Secondary-in-path “SIP” or Primary-in-path “PIP”) by TGP, Seller is not obligated to re-source those volumes in subsequent cycles. Seller will work with Buyer to keep the daily call whole at an alternative supply point at a mutually agreed upon price by both parties based on market conditions.

Seller: DTE Energy Trading, Inc.

By: Thomas R. Neu

Title: Thomas R. Neu

Date: Vice President, 11/13/2020

Buyer: Duke Energy Kentucky, Inc.

By: Todd P. Breece

Title: Manager Natural Gas Trading & Optimization

Date: 11/12/2020

WL cmj



GAS TRANSACTION CONFIRMATION

Date Generated: October 19, 2020

Contract: Duke Energy Kentucky - NAESB

1. BUYER: Duke Energy Kentucky, Inc.	SELLER: Twin Eagle Resource Management, LLC	BASE CONTRACT DATE: February 15 2011	TRADE DATE: October 19 2020
------------------------------------------------	-------------------------------------------------------	------------------------------------------------	---------------------------------------

2. TRANSACTION DETAILS:

Transaction	Start Date	End Date	Quantity	Commodity Price (Settles in US\$)	Service Quality (Int., Firm, or EFP)	Delivery Point	Delivery Pipeline
1677181 / 2041607	December 01 2020	February 28 2021	17,000 MMBTU Daily	See Section 3.1	Firm	KO - North Means	Tennessee Gas

3. SPECIAL PROVISIONS, INCLUDING PRICE DETAILS (if any):

3.1 Tennessee, Louisiana, 800 Leg (Gas Daily) (1) + \$0.070 US/MMBTU
 (1) The price per unit for each "flow day" as reported for each such day in Gas Daily as published by Platts applicable to such calendar day under Daily Price Survey, Louisiana-Onshore South, Tennessee, La. 800 Leg, Midpoint

17,000 * 90 = 1,530,000 1,530,000 * .03 = 45,900

Transaction Fee:
 - Transacting Company Receives Total Contract Quantity-Based for Item ID 2041607; Demand Charge: **\$.03 USD** per MMBTU

Confirm Special Language:
 Confirm Special Language:

This is a physical call product.

Notice for day ahead call is due to Seller by 8:00 AM Central Time. Weekends and Holidays defined by ICE will be ratable daily delivery.

The total call quantity is limited to 25 days.

Seller may deliver at KO interconnects with Columbia Gulf, Columbia Gas or Tennessee Gas.

The parties to this transaction agree that to the extent that this transaction contains embedded optionality, the parties make the following representations as of the date hereof:
 (1) To the extent the embedded volumetric optionality is exercised, the parties agree that they intend to make or take delivery (as applicable) of the natural gas underlying this transaction, and
 (2) The exercise or non-exercise of the embedded volumetric optionality is based primarily on physical factors or regulatory requirements that are outside the control of the parties and are influencing demand for or supply of the natural gas underlying this transaction.

Duke Energy Ohio represents and warrants that: (a) it is a natural gas local distribution utility with an obligation to provide service to its customers and is entering into this Transaction Confirmation to secure physical supply to meet such service obligations; and, (b) the embedded volumetric optionality is primarily intended to address physical factors or regulatory requirements that reasonably influence demand for natural gas.

4. CONTACT INFORMATION:

Twin Eagle Resource Management, LLC ("Company") 8847 West Sam Houston Parkway North Houston, Texas U.S.A. 77040 Attention: Confirmations Telephone No.: (713) 341-7300 Fax No.: (713) 341-7392 Email: confirmations@twineagle.com	Duke Energy Kentucky, Inc. ("Customer") 139 E. Fourth St., EM025 Cincinnati, Ohio U.S.A. 45202 Attention: Manager, Gas Resources Telephone No.: 513-287-2837 Fax No.: 513-287-2938 Email: 919803738721@confirms.local; steve.niederbaumer@duke-energy.com
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This Confirmation is intended only for the addressee and may contain information that is legally privileged, confidential and/or exempt from disclosure under applicable law. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you have received this communication in error, or are not the named recipient(s), please immediately notify the sender.

GAS TRANSACTION CONFIRMATION

BUYER: Duke Energy Kentucky, Inc.
SELLER: Twin Eagle Resource Management, LLC
CONTRACT: Duke Energy Kentucky - NAESB
TRANSACTION ID: 1677181 (Trade Date: October 19, 2020)

Marketing Rep: Tronzo, Marc	Marketing Rep: Ernest
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5. This Gas Transaction Confirmation (the "Confirmation") verifies the terms of the binding agreement (supplemented by, and subject to the Base Contract referenced above) regarding the Transaction described herein. Please sign this Confirmation and return via fax, or email at confirmations@twineagle.com. If the Confirmation is not objected to in writing within two (2) Business Days of your receipt, the Confirmation will be deemed to have been accepted and agreed to, absent manifest error, unless otherwise specified in the Base Contract.

Twin Eagle Resource Management, LLC

Duke Energy Kentucky, Inc.



Authorized Signature

Sign On:

By: Jeremy Davis

Authorized Signature

Sign On:

This Confirmation is intended only for the addressee and may contain information that is legally privileged, confidential and/or exempt from disclosure under applicable law. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you have received this communication in error, or are not the named recipient(s), please immediately notify the sender.

Rate Schedule STF
Agreement/Contract No. 37260
Dated: July 19, 2018

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

EXHIBIT B

Eligible Secondary Receipt Point(s)

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

Eligible Secondary Delivery Point(s)

<u>Meter Name</u>	<u>Meter No.</u>	<u>Zone</u>
Lebanon-Dominion	1247	4
Lebanon-Columbia Gas	1715	4
Texas Eastern-Lebanon	9959	4
Duke Energy Ohio Shipper DE	1229	4

Rate(s)

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

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

**GAS COST ADJUSTMENT
DUKE ENERGY KENTUCKY**

DETAILS FOR THE EGC RATE IN EFFECT AS OF : AUGUST 31, 2021

GAS COMMODITY RATE FOR SEPTEMBER 2021 - NOVEMBER 2021:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$3.8063	\$/Dth
DUKE ENERGY KENTUCKY FUEL	3.300%	\$0.1256	\$3.9319	\$/Dth
DTH TO MCF CONVERSION	1.0883	\$0.3472	\$4.2791	\$/Mcf
ESTIMATED WEIGHTING FACTOR	94.804%		\$4.0568	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$4.057	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE			\$2.6139	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0150	\$2.6289	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.608%	\$0.0423	\$2.6712	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0156	\$2.6868	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0011	\$2.6879	\$/Dth
DUKE ENERGY KENTUCKY FUEL	3.300%	\$0.0887	\$2.7766	\$/Dth
DTH TO MCF CONVERSION	1.0883	\$0.2452	\$3.0218	\$/Mcf
ESTIMATED WEIGHTING FACTOR	5.140%		\$0.1553	\$/Mcf
GAS STORAGE COMMODITY RATE - COLUMBIA GAS			\$0.155	\$/Mcf

PROPANE :

ERLANGER PROPANE INVENTORY RATE			\$0.78802	\$/Gallon
GALLON TO MCF CONVERSION	15.38	\$11.3317	\$12.1197	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.056%		\$0.0068	\$/Mcf
PROPANE COMMODITY RATE			\$0.007	\$/Mcf

(1) Weighted average cost of gas based on NYMEX prices on 07/27/2021 and contracted hedging prices.

**GAS COST ADJUSTMENT CLAUSE
DUKE ENERGY KENTUCKY, INC
SUPPLIER REFUND ADJUSTMENT
DETAILS FOR THE THREE MONTH PERIOD ENDED**

May 31, 2021

DESCRIPTION	UNIT	AMOUNT
SUPPLIER REFUNDS RECEIVED DURING THREE MONTH PERIOD ENDED May 31, 2021	\$	0.00
INTEREST FACTOR (REFLECTING 90 DAY COMMERCIAL PAPER RATE)		0.9980
REFUNDS INCLUDING INTEREST (\$0.00 x 0.9980)	\$	0.00
DIVIDED BY TWELVE MONTH SALES ENDED Aug 31, 2022	MCF	9,898,552
CURRENT SUPPLIER REFUND ADJUSTMENT	\$/MCF	<u>0.00</u>

DETAILS OF SUPPLIER REFUNDS RECEIVED DURING THE THREE MONTHS ENDED

May 31, 2021

DESCRIPTION	UNIT	AMOUNT
<u>SUPPLIER</u>		
TOTAL REFUNDS APPLICABLE TO THE CURRENT GCA	\$	<u>0.00</u>
RAU		

**GAS COST ADJUSTMENT CLAUSE
DUKE ENERGY KENTUCKY, INC
ACTUAL ADJUSTMENT
DETAILS FOR THE THREE MONTH PERIOD ENDED**

May 31, 2021

DESCRIPTION	UNIT	MARCH	APRIL	MAY
<u>SUPPLY VOLUME PER BOOKS</u>				
PRIMARY GAS SUPPLIERS	MCF	1,083,887	700,901	390,971
UTILITY PRODUCTION	MCF	0	0	0
INCLUDABLE PROPANE	MCF	0	0	0
OTHER VOLUMES (SPECIFY) ADJUSTMENT	MCF	(7,462)	(20,404)	(63,699)
TOTAL SUPPLY VOLUMES	MCF	<u>1,076,425</u>	<u>680,497</u>	<u>327,272</u>
<u>SUPPLY COST PER BOOKS</u>				
PRIMARY GAS SUPPLIERS	\$	3,768,804	2,421,147	1,598,519
INCLUDABLE PROPANE (\$)	\$	0	0	0
GAS COST UNCOLLECTIBLE	\$	(30,862)	9,566	19,261
OTHER COSTS (SPECIFY):				
TRANSPORTATION SERVICE "UNACCOUNTED FOR"(\$)	\$	0	0	0
GAS COST CREDIT (\$)	\$	0	0	0
X-5 TARIFF (\$)	\$	0	0	0
MANAGEMENT FEES	\$	(88,400)	(88,400)	(88,400)
LOSSES - DAMAGED LINES (\$)	\$	(128)	(943)	(75)
SALES TO REMARKETERS (\$)	\$	0	0	0
TRANSPORTATION TAKE-OR-PAY RECOVERY (\$)	\$	0	0	0
TOTAL SUPPLY COSTS	\$	<u>3,649,414</u>	<u>2,341,370</u>	<u>1,529,305</u>
<u>SALES VOLUMES</u>				
JURISDICTIONAL	MCF	1,526,528.0	713,125.5	444,923.3
NON-JURISDICTIONAL	MCF	0.0	0.0	0.0
OTHER VOLUMES (SPECIFY):	MCF	0.0	0.0	0.0
TOTAL SALES VOLUMES	MCF	<u>1,526,528.0</u>	<u>713,125.5</u>	<u>444,923.3</u>
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF	2.391	3.283	3.437
LESS: EGC IN EFFECT FOR THE MONTH	\$/MCF	<u>3.854</u>	<u>3.825</u>	<u>3.829</u>
DIFFERENCE	\$/MCF	(1.463)	(0.542)	(0.392)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF	<u>1,526,528.0</u>	<u>713,125.5</u>	<u>444,923.3</u>
EQUALS MONTHLY COST DIFFERENCE	\$	<u>(2,233,310.46)</u>	<u>(386,514.02)</u>	<u>(174,409.93)</u>
NET COST DIFFERENCE FOR THE THREE MONTH PERIOD	\$			<u>(2,794,234.41)</u>
PRIOR PERIOD ADJUSTMENT - none	\$			0.00
TOTAL COST USED IN THE CURRENT AA CALCULATION	\$			<u>(2,794,234.41)</u>
DIVIDED BY: 12 MONTH PROJECTED SALES ENDED <u>Aug 31, 2022</u>	MCF			9,898,552
EQUALS CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF			<u>(0.282)</u>
AAU				

**GAS COST ADJUSTMENT CLAUSE
DUKE ENERGY KENTUCKY, INC
BALANCE ADJUSTMENT
DETAILS FOR THE TWELVE MONTH PERIOD ENDED May 31, 2021**

DESCRIPTION	UNIT	AMOUNT
<u>RECONCILIATION OF A PREVIOUS GAS COST VARIANCE</u>		
GAS COST DIFFERENCE TO BE RECOVERED FROM OR (RETURNED TO) CUSTOMERS WHICH WAS USED TO COMPUTE THE "AA" EFFECTIVE June 1, 2020	\$	(4,205,446.45)
LESS: AMOUNT RECOVERED (RETURNED) BY THE AA OF \$ (0.416) /MCF APPLIED TO TOTAL SALES OF 9,595,281 MCF (TWELVE MONTHS ENDED May 31, 2021)	\$	<u>(3,991,637.01)</u>
BALANCE ADJUSTMENT FOR THE "AA"	\$	<u>(213,809.44)</u>
<u>RECONCILIATION OF A PREVIOUS SUPPLIER REFUND</u>		
SUPPLIER REFUND AMOUNT TO BE DISTRIBUTED TO CUSTOMERS WHICH WAS USED TO COMPUTE THE "RA" EFFECTIVE June 1, 2020	\$	0.00
LESS: AMOUNT DISTRIBUTED BY THE "RA" OF \$ 0.000 /MCF APPLIED TO TOTAL SALES OF 9,595,281 MCF (TWELVE MONTHS ENDED May 31, 2021)	\$	<u>0.00</u>
BALANCE ADJUSTMENT FOR THE "RA"		<u>0.00</u>
<u>RECONCILIATION OF A PREVIOUS BALANCE ADJUSTMENT</u>		
AMOUNT TO BE RECOVERED FROM OR (RETURNED TO) CUSTOMERS WHICH WAS USED TO COMPUTE THE "BA" EFFECTIVE June 1, 2020	\$	(55,183.37)
LESS: AMOUNT RECOVERED (RETURNED) BY THE "BA" OF \$ (0.005) /MCF APPLIED TO TOTAL SALES OF 9,595,281 MCF (TWELVE MONTHS ENDED May 31, 2021)	\$	<u>(47,976.41)</u>
BALANCE ADJUSTMENT FOR THE "BA"	\$	<u>(7,206.96)</u>
TOTAL BALANCE ADJUSTMENT AMOUNT	\$	<u>(221,016.40)</u>
DIVIDED BY: 12 MONTHS PROJECTED SALES ENDED Aug 31, 2022	MCF	<u>9,898,552</u>
EQUALS: CURRENT QUARTER BALANCE ADJUSTMENT	\$/MCF	<u>(0.022)</u>

DUKE ENERGY KENTUCKY
SUPPLEMENTAL INFORMATION
FOR THE EXPECTED GAS COST (EGC) RATE CALCULATION
OF THE GAS COST RECOVERY RATE
IN EFFECT AS OF AUGUST 31, 2021

3rd Quarter

DUKE ENERGY Kentucky, Inc.
 USED FOR GCA EFFECTIVE August 31, 2021

COMPUTATION OF THE INTEREST FACTOR
 FOR THE GCA CALCULATION ON SCHEDULE II

TWELVE MONTHS ENDED June 30, 2021
 BLOOMBERG REPORT (90-DAY COMMERCIAL PAPER RATES)

INTEREST RATE	-0.0037
PAYMENT	0.083166
ANNUAL TOTAL	0.9980
MONTHLY INTEREST AMOUNT	(0.000308) 1

JUNE	2020	0.21	
JULY	2020	0.22	
AUGUST	2020	0.24	
SEPTEMBER	2020	0.12	
OCTOBER	2020	0.13	
NOVEMBER	2020	0.16	
DECEMBER	2020	0.13	
JANUARY	2021	0.09	
FEBRUARY	2021	0.09	
MARCH	2021	0.12	
APRIL	2021	0.05	
MAY	2021	0.08	1.64
JUNE	2021	0.08	1.51

PRIOR ANNUAL TOTAL	1.64
PLUS CURRENT MONTHLY R.	0.08
LESS YEAR AGO RATE	0.21
NEW ANNUAL TOTAL	1.51
AVERAGE ANNUAL RATE	0.13
LESS 0.5% (ADMINISTRATIVE)	(0.37)

DUKE ENERGY KENTUCKY
GAS SERVICE
SUMMARY OF GCA a/k/a GCR COMPONENTS
MONTH: March 2021

Retail BILL CODE	MCF Usage REPORTED SALES	Exptd Gas Cost		RECONCILIATION ADJUSTMENT					ACTUAL ADJUSTMENT					BALANCE ADJUSTMENT				
		\$/MCF	EGC \$	CURRENT 0.000	PREVIOUS 0.000	SEC.PREV. 0.000	THRD.PREV. 0.000	TOTAL RA	CURRENT 0.254	PREVIOUS 0.090	SEC.PREV. (0.215)	THRD.PREV. (0.416)	TOTAL AA	CURRENT 0.009	PREVIOUS 0.002	SEC.PREV. 0.001	THRD.PREV. (0.005)	TOTAL BA
168		4.843	0.00															
019		5.658	0.00															
039		4.034	0.00															
049		3.742	0.00															
069		3.867	0.00															
079		3.728	0.00															
089		3.452	0.00															
109	45.9	3.121	143.25															
129/010	124.2	3.555	441.53															
030	409.0	2.764	1,130.48															
050	76.4	2.900	221.56				0.00	0.00									0.00	(0.38)
070	234.8	3.089	725.30			0.00	0.00	0.00									0.23	(1.17)
090/011	103,396.0	4.172	431,368.11		0.00	0.00	0.00	0.00									206.79	103.40
031	1,422,241.7	3.831	5,448,607.95	0.00	0.00	0.00	0.00	0.00										
TOTAL RETAIL	1,526,528.0		5,882,638.18	-	-	-	-	-	361,249.39	128,001.75	(305,781.97)	(591,652.55)	(408,183.38)	12,800.18	2,844.48	1,422.24	(7,111.21)	9,955.69
TRANSPORTATION: IFT3																		
Customer Choice Program (GCAT):																		
098																		
138																		
178																		
029																		
059																		
099																		
119																		
139/020																		
040							0.00	0.00										0.00
060							0.00	0.00										0.00
080							0.00	0.00										0.00
100/021	8,926.0						0.00	0.00										0.00
041							0.00	0.00										0.00
IFT3 CHOICE	8,926.0						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL FOR CHOICE				-	-	-	-	-	0.00	803.34	(1,919.09)	(3,713.22)	(4,828.97)	-	17.85	8.93	(44.63)	(17.85)
TOTAL FOR Gas Cost Recovery (GCR)				-	-	-	-	-	361,249.39	138,110.73	(329,981.68)	(638,507.97)	(469,129.53)	12,800.18	3,069.12	1,534.80	(7,674.37)	9,729.73
Firm Transportation: IFT																		
FT	299,013.0																	
Interruptible Transportation: IT01																		
IT	140,148.0																	
Grand Total	1,974,615.0																	
ADJUSTED EGC	3.854																	

JE ID - KUNBIL AMZ

0191400 is Unrecov Purch Gas Cost (Liabl)

0253130 is Gas Refund/Rcls Adj due Cust (Liabl)

DUKE ENERGY COMPANY KENTUCKY
DETERMINATION OF TOTAL SUPPLY COST
MONTH OF **MARCH 2021**

<u>DESCRIPTION</u>	<u>W/P</u>	<u>TOTAL AMOUNT ROUNDED</u>
<u>PRIMARY GAS SUPPLY COST</u>		\$
current month estimate	A1	3,766,301.72
adjustments from prior month	B1	(17,774.08)
Interruptible Transportation monthly charges by Gas Supply - PM	C1	20,275.97
		3,768,804
 <u>LESS: RATE SCHEDULE CF CREDIT</u>		
current month		0.00
adjustments		0.00
		0
 <u>PLUS: INCLUDABLE PROPANE</u>		
a/c 728-3 Erlanger	D1	0.00
		0
 <u>PLUS: GAS COST UNCOLLECTIBLE</u>		
	J1	(30,862.00)
		(30,862)
 <u>LESS: X-5 TARIFF</u>		0.00
		0
 <u>LESS Tenaska MANAGEMENT FEE</u>		
	F1	88,400.00
		(88,400)
 <u>LESS: TOP TRANSP. RECOVERIES</u>		0.00
		0
 <u>LESS: GAS LOSSES - DAMAGED LINES</u>		
	G1	(127.65)
		(128)
 adjustments		0.00
		0
 <u>LESS: GAS COST CREDIT</u>		0.00
		0
 <u>LESS: FIRM TRANSPORTATION ADJUSTMENTS</u>		
current month		0.00
adjustments		0.00
		0
 TOTAL SUPPLY COSTS		<u>3,649,414</u>

ACCOUNTING ENTRY FOR DEFERRAL ONLY

	<u>AMOUNT</u>
ACCTS: 191400 - Unrecv PG\$ - Liabl	(2,233,310.46)
ACCOUNT 0805002 - Unrecv PG Adj - Expense	2,233,310.46

PURCHASED GAS ADJUSTMENT

SCHEDULE III

COMPANY NAME: DUKE ENERGY COMPANY KENTUCKY

ACTUAL ADJUSTMENT

DETAILS FOR THE MONTH MARCH 2021

<u>PARTICULARS</u>	<u>UNIT</u>	<u>W/P</u>	<u>MONTH MARCH 2021</u>
<u>SUPPLY VOLUME PER BOOKS</u>			
Primary Gas Suppliers	MCF	A2	1,083,887
Utility Production	MCF		0
Includable Propane	MCF	D2	0
Other Volumes (Specify) - Previous Month Adj.	MCF	B2	(7,462)
TOTAL SUPPLY VOLUMES	MCF		1,076,425
<u>SUPPLY COST PER BOOKS</u>			
Primary Gas Suppliers	\$		3,768,804
Includable Propane	\$		0
Gas Cost Uncollectible	\$		(30,862)
Other Cost (Specify) - Gas Cost Credit	\$		0
- Unacct'd for Transp.	\$		0
- CF Credit	\$		0
- X-5 Tariff	\$		0
- CMT Management Fee	\$		(88,400)
- Losses-Damaged Lines	\$		(128)
- Gas Sold to Remarketers	\$		0
- TOP Transp. Recoveries	\$		0
TOTAL SUPPLY COST	\$		3,649,414.0
<u>SALES VOLUMES</u>			
Jurisdictional - Retail	MCF	H1	1,526,528.0
Non-Jurisdictional	MCF		
Other Volumes (Specify) -	MCF		
TOTAL SALES VOLUME	MCF		1,526,528.0
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF		2.391
LESS: EGC IN EFFECT FOR MONTH	\$/MCF	H2	3.854
DIFFERENCE	\$/MCF		(1.463)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF		1,526,528.0
MONTHLY COST DIFFERENCE	\$		(2,233,310.46)

DUKE ENERGY COMPANY KENTUCKY

MARCH 2021

	<u>Applied</u> <u>MCF Sales</u>	<u>W/P</u>	<u>Amount</u>	<u>\$/MCF</u>
<u>GAS FUEL ADJUSTMENT BILLED</u>				
EGC - Retail	1,526,528.0	H3	5,882,638.18	3.85360647
RA		H4	0.00	
AA		H5	(469,129.53)	
BA		H6	9,729.73	
TOTAL GAS COST RECOVERY(GCR)			<u>5,423,238.38</u>	
TOTAL SALES VOLUME	1,526,528.0			
LESS: NON-JURISDICTIONAL SALES	<u>0.0</u>			
JURISDICTIONAL SALES	<u>1,526,528.0</u>			
<u>PROOF OF UNRECOVERED PURCHASED GAS COST ENTRY</u>				
SUPPLIER COST - CURRENT MONTH	1,526,528.0		3,649,414.00	2.39066299
UNRECOVERED PURCHASED GAS COST			1,764,180.93	
ROUNDING(ADD/(DEDUCT))			<u>(86.28)</u>	
TOTAL GAS COST IN REVENUE			<u>5,413,508.65</u>	
TOTAL GAS COST RECOVERY(GCR)			5,423,238.38	
LESS: RA			0.00	
BA			<u>9,729.73</u>	
PLUS: COST OF NON-JURISDICTIONAL SALES			<u> </u>	
			<u>5,413,508.65</u>	
UNRECOVERED PURCHASED GAS COST ENTRY			1,764,180.93	
LESS: AA			<u>(469,129.53)</u>	
MONTHLY COST DIFFERENCE			2,233,310.46	
EXTENDED MONTHLY COST DIFFERENCE			<u>2,233,224.18</u>	
ROUNDING			<u>(86.28)</u>	

DUKE ENERGY COMPANY KENTUCKY
DETERMINATION OF TOTAL SUPPLY COST
MONTH OF APRIL 2021

<u>DESCRIPTION</u>	<u>W/P</u>	<u>TOTAL AMOUNT ROUNDED</u>
<u>PRIMARY GAS SUPPLY COST</u>		\$
current month estimate	A1	2,471,197.03
adjustments from prior month	B1	(50,049.86)
Interruptible Transportation monthly charges by Gas Supply - PM	C1	0.00
		2,421,147
 <u>LESS: RATE SCHEDULE CF CREDIT</u>		
current month		0.00
adjustments		0.00
		0
 PLUS: INCLUDABLE PROPANE		
a/c 728-3 Erlanger	D1	0.00
		0
 PLUS: GAS COST UNCOLLECTIBLE	J1	9,566.00
		9,566
 <u>LESS: X-5 TARIFF</u>		0.00
		0
 LESS Tenaska MANAGEMENT FEE	F1	88,400.00
		(88,400)
 LESS: TOP TRANSP. RECOVERIES		0.00
		0
 LESS: GAS LOSSES - DAMAGED LINES	G1	(943.01)
		(943)
 adjustments		0.00
		0.00
 LESS: GAS COST CREDIT		0.00
		0
 <u>LESS: FIRM TRANSPORTATION ADJUSTMENTS</u>		
current month		0.00
adjustments		0.00
		0
 TOTAL SUPPLY COSTS		2,341,370

<u>ACCOUNTING ENTRY FOR DEFERRAL ONLY</u>	<u>AMOUNT</u>
ACCTS: 191400 - Unrecv PG\$ - Liabl	(386,514.02)
ACCOUNT 0805002 - Unrecv PG Adj - Expense	386,514.02

PURCHASED GAS ADJUSTMENT

SCHEDULE III

COMPANY NAME: DUKE ENERGY COMPANY KENTUCKY

ACTUAL ADJUSTMENT

DETAILS FOR THE MONTH APRIL 2021

<u>PARTICULARS</u>	<u>UNIT</u>	<u>W/P</u>	<u>MONTH APRIL 2021</u>
<u>SUPPLY VOLUME PER BOOKS</u>			
Primary Gas Suppliers	MCF	A2	700,901
Utility Production	MCF		0
Includable Propane	MCF	D2	0
Other Volumes (Specify) - Previous Month Adj.	MCF	B2	(20,404)
TOTAL SUPPLY VOLUMES	MCF		680,497
<u>SUPPLY COST PER BOOKS</u>			
Primary Gas Suppliers	\$		2,421,147
Includable Propane	\$		0
Gas Cost Uncollectible	\$		9,566
Other Cost (Specify) - Gas Cost Credit	\$		0
- Unacct'd for Transp.	\$		0
- CF Credit	\$		0
- X-5 Tariff	\$		0
- CMT Management Fee	\$		(88,400)
- Losses-Damaged Lines	\$		(943)
- Gas Sold to Remarketers	\$		0
- TOP Transp. Recoveries	\$		0
TOTAL SUPPLY COST	\$		2,341,370.0
<u>SALES VOLUMES</u>			
Jurisdictional - Retail	MCF	H1	713,125.5
Non-Jurisdictional	MCF		
Other Volumes (Specify) -	MCF		
TOTAL SALES VOLUME	MCF		713,125.5
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF		3.283
LESS: EGC IN EFFECT FOR MONTH	\$/MCF	H2	3.825
DIFFERENCE	\$/MCF		(0.542)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF		713,125.5
MONTHLY COST DIFFERENCE	\$		(386,514.02)

DUKE ENERGY COMPANY KENTUCKY

APRIL 2021

	<u>Applied</u> <u>MCF Sales</u>	<u>W/P</u>	<u>Amount</u>	<u>\$/MCF</u>
<u>GAS FUEL ADJUSTMENT BILLED</u>				
EGC - Retail	713,125.5	H3	2,727,497.22	3.82470858
RA		H4	0.00	
AA		H5	(203,436.19)	
BA		H6	5,145.76	
TOTAL GAS COST RECOVERY(GCR)			<u>2,529,206.79</u>	
TOTAL SALES VOLUME	713,125.5			
LESS: NON-JURISDICTIONAL SALES	<u>0.0</u>			
JURISDICTIONAL SALES	<u>713,125.5</u>			
<u>PROOF OF UNRECOVERED PURCHASED GAS COST ENTRY</u>				
SUPPLIER COST - CURRENT MONTH	713,125.5		2,341,370.00	3.28325098
UNRECOVERED PURCHASED GAS COST			183,077.83	
ROUNDING(ADD/(DEDUCT))			<u>(386.80)</u>	
TOTAL GAS COST IN REVENUE			<u>2,524,061.03</u>	
TOTAL GAS COST RECOVERY(GCR)			2,529,206.79	
LESS: RA			0.00	
BA			<u>5,145.76</u>	
PLUS: COST OF NON-JURISDICTIONAL SALES			<u> </u>	
			<u>2,524,061.03</u>	
UNRECOVERED PURCHASED GAS COST ENTRY			183,077.83	
LESS: AA			<u>(203,436.19)</u>	
MONTHLY COST DIFFERENCE			386,514.02	
EXTENDED MONTHLY COST DIFFERENCE			<u>386,127.22</u>	
ROUNDING			<u>(386.80)</u>	

DUKE ENERGY KENTUCKY
 GAS SERVICE
 SUMMARY OF GCA a/k/a GCR COMPONENTS
 MONTH: May 2021

Retail BILL CODE	MCF Usage REPORTED SALES	Exptd Gas Cost		RECONCILIATION ADJUSTMENT					ACTUAL ADJUSTMENT					BALANCE ADJUSTMENT							
		EGC \$/MCF	EGC \$	CURRENT 0.000	PREVIOUS 0.000	SEC.PREV. 0.000	THRD.PREV. 0.000	TOTAL RA	CURRENT 0.254	PREVIOUS 0.090	SEC.PREV. (0.215)	THRD.PREV. (0.416)	TOTAL AA	CURRENT 0.009	PREVIOUS 0.002	SEC.PREV. 0.001	THRD.PREV. (0.005)	TOTAL BA			
168		4.843	0.00																		
019		5.658	0.00																		
039		4.034	0.00																		
049		3.742	0.00																		
069		3.867	0.00																		
079		3.728	0.00																		
089		3.452	0.00																		
109	(17.3)	3.121	(53.99)																		
129/010	(26.0)	3.555	(92.43)																		
030	116.8	2.764	322.84																		
050	97.6	2.900	283.04				0.00	0.00										(0.49)	(0.49)		
070	1,800.0	3.089	5,560.20			0.00	0.00	0.00										1.80	(9.00)	(7.20)	
090/011	1,844.4	4.172	7,694.84		0.00	0.00	0.00	0.00		166.00	(396.55)	(767.27)	(997.82)		3.69	1.84	(9.22)	(3.69)	(3.69)		
031	441,107.8	3.831	1,689,883.98	0.00	0.00	0.00	0.00	0.00	112,041.38	39,699.70	(94,838.18)	(183,500.84)	(126,597.94)		3,969.97	882.22	441.11	(2,205.54)	3,087.76		
TOTAL RETAIL	444,923.3		1,703,598.48	-	-	-	-	-	112,041.38	39,699.70	(94,838.18)	(183,500.84)	(126,597.94)		3,969.97	882.22	441.11	(2,205.54)	3,087.76		
TRANSPORTATION: IFT3																					
Customer Choice Program (GCAT):																					
098																					
138																					
178																					
029																					
059																					
099																					
119																					
139/020																					
040																					
060								0.00					0.00						0.00	0.00	
080								0.00					0.00						0.00	0.00	
100/021					0.00	0.00	0.00	0.00					0.00						0.00	0.00	
041	4,900.0 B2			0.00	0.00	0.00	0.00	0.00	1,244.60	441.00	(1,053.50)	(2,038.40)	(1,406.30)		44.10	9.80	4.90	(24.50)	34.30		
IFT3 CHOICE	4,900.0	TOTAL FOR CHOICE		-	-	-	-	-	1,244.60	441.00	(1,053.50)	(2,038.40)	(1,406.30)		44.10	9.80	4.90	(24.50)	34.30		
TOTAL FOR Gas Cost Recovery (GCR)				-	-	-	-	-	113,285.98	40,306.70	(96,675.23)	(187,095.91)	(130,178.46)		4,014.07	895.71	449.65	(2,248.75)	3,110.68		
								JE	0.00					JE	(0.00)				JE	0.00	
Firm Transportation: IFT																					
FT	185,405.0 B3																				
Interruptible Transportation: IT01																					
IT	127,314.0 B4																				
Grand Total	762,542.3	Ties to B5																			
ADJUSTED EGC			3.829	(2)																	

JE ID - KUNBIL AMZ

DUKE ENERGY COMPANY KENTUCKY
DETERMINATION OF TOTAL SUPPLY COST
MONTH OF **MAY 2021**

<u>DESCRIPTION</u>	<u>W/P</u>	<u>TOTAL AMOUNT ROUNDED</u>
<u>PRIMARY GAS SUPPLY COST</u>		\$
current month estimate	A1	1,768,926.50
adjustments from prior month	B1	(170,407.47)
Interruptible Transportation monthly charges by Gas Supply - PM	C1	0.00
		1,598,519
 <u>LESS: RATE SCHEDULE CF CREDIT</u>		
current month		0.00
adjustments		0.00
		0
 PLUS: INCLUDABLE PROPANE		
a/c 728-3 Erlanger	D1	0.00
		0
 PLUS: GAS COST UNCOLLECTIBLE	E1	19,261.00
		19,261
 <u>LESS: X-5 TARIFF</u>		0.00
		0
 LESS Tenaska MANAGEMENT FEE	F1	88,400.00
		(88,400)
 LESS: TOP TRANSP. RECOVERIES		0.00
		0
 LESS: GAS LOSSES - DAMAGED LINES	G1	(74.58)
		(75)
adjustments		0.00
		0.00
 LESS: GAS COST CREDIT		0.00
		0
 <u>LESS: FIRM TRANSPORTATION ADJUSTMENTS</u>		
current month		0.00
adjustments		0.00
		0
 TOTAL SUPPLY COSTS		1,529,305

<u>ACCOUNTING ENTRY FOR DEFERRAL ONLY</u>	<u>AMOUNT</u>
ACCTS: 191400 - Unrecv PG\$ - Liabl	(174,409.93)
ACCOUNT 0805002 - Unrecv PG Adj - Expense	174,409.93

PURCHASED GAS ADJUSTMENT

SCHEDULE III

COMPANY NAME: DUKE ENERGY COMPANY KENTUCKY

ACTUAL ADJUSTMENT

DETAILS FOR THE MONTH MAY 2021

<u>PARTICULARS</u>	<u>UNIT</u>	<u>W/P</u>	<u>MONTH MAY 2021</u>
<u>SUPPLY VOLUME PER BOOKS</u>			
Primary Gas Suppliers	MCF	A2	390,971
Utility Production	MCF		0
Includable Propane	MCF	D2	0
Other Volumes (Specify) - Previous Month Adj.	MCF	B2	(63,699)
TOTAL SUPPLY VOLUMES	MCF		327,272
<u>SUPPLY COST PER BOOKS</u>			
Primary Gas Suppliers	\$		1,598,519
Includable Propane	\$		0
Gas Cost Uncollectible	\$		19,261
Other Cost (Specify) - Gas Cost Credit	\$		0
- Unacct'd for Transp.	\$		0
- CF Credit	\$		0
- X-5 Tariff	\$		0
- CMT Management Fee	\$		(88,400)
- Losses-Damaged Lines	\$		(75)
- Gas Sold to Remarketers	\$		0
- TOP Transp. Recoveries	\$		0
TOTAL SUPPLY COST	\$		1,529,305.0
<u>SALES VOLUMES</u>			
Jurisdictional - Retail	MCF	H1	444,923.3
Non-Jurisdictional	MCF		
Other Volumes (Specify) -	MCF		
TOTAL SALES VOLUME	MCF		444,923.3
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF		3.437
LESS: EGC IN EFFECT FOR MONTH	\$/MCF	H2	3.829
DIFFERENCE	\$/MCF		(0.392)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF		444,923.3
MONTHLY COST DIFFERENCE	\$		(174,409.93)

DUKE ENERGY COMPANY KENTUCKY

MAY 2021

	<u>Applied</u> <u>MCF Sales</u>	<u>W/P</u>	<u>Amount</u>	<u>\$/MCF</u>
<u>GAS FUEL ADJUSTMENT BILLED</u>				
EGC - Retail	444,923.3	H3	1,703,598.48	3.82897115
RA		H4	0.00	
AA		H5	(130,178.46)	
BA		H6	3,110.68	
TOTAL GAS COST RECOVERY(GCR)			<u>1,576,530.70</u>	
TOTAL SALES VOLUME	444,923.3			
LESS: NON-JURISDICTIONAL SALES	<u>0.0</u>			
JURISDICTIONAL SALES	<u>444,923.3</u>			
<u>PROOF OF UNRECOVERED PURCHASED GAS COST ENTRY</u>				
SUPPLIER COST - CURRENT MONTH	444,923.3		1,529,305.00	3.43723289
UNRECOVERED PURCHASED GAS COST			44,231.47	
ROUNDING(ADD/(DEDUCT))			<u>(116.45)</u>	
TOTAL GAS COST IN REVENUE			<u>1,573,420.02</u>	
TOTAL GAS COST RECOVERY(GCR)			1,576,530.70	
LESS: RA			0.00	
BA			<u>3,110.68</u>	
PLUS: COST OF NON-JURISDICTIONAL SALES			<u> </u>	
			<u>1,573,420.02</u>	
UNRECOVERED PURCHASED GAS COST ENTRY			44,231.47	
LESS: AA			<u>(130,178.46)</u>	
MONTHLY COST DIFFERENCE			174,409.93	
EXTENDED MONTHLY COST DIFFERENCE			<u>174,293.48</u>	
ROUNDING			<u>(116.45)</u>	

DUKE ENERGY KENTUCKY
SUMMARY OF GAS COST RECOVERY COMPONENTS
BY BILLING CODE

MON/YR	BILLING CODE	EST'D. GAS COST \$	QUARTERLY RECONCILIATION ADJUSTMENT				QUARTERLY ACTUAL ADJUSTMENT				BALANCE ADJUSTMENT				TOTAL GCR FACTOR \$
			CURRENT \$	PREVIOUS \$	2ND PREV \$	3RD PREV \$	CURRENT \$	PREVIOUS \$	2ND PREV \$	3RD PREV \$	CURRENT \$	PREVIOUS \$	2ND PREV \$	3RD PREV \$	
Jan-20	010	3.555	0.000	0.000	0.000	0.000	0.063	(0.450)	(0.427)	0.458	0.033	(0.010)	(0.032)	(0.009)	3.181
Feb-20	010	3.555	0.000	0.000	0.000	0.000	0.063	(0.450)	(0.427)	0.458	0.033	(0.010)	(0.032)	(0.009)	3.181
Mar-20	030	2.764	0.000	0.000	0.000	0.000	0.249	0.063	(0.450)	(0.427)	(0.010)	0.033	(0.010)	(0.032)	2.180
Apr-20	030	2.764	0.000	0.000	0.000	0.000	0.249	0.063	(0.450)	(0.427)	(0.010)	0.033	(0.010)	(0.032)	2.180
May-20	030	2.764	0.000	0.000	0.000	0.000	0.249	0.063	(0.450)	(0.427)	(0.010)	0.033	(0.010)	(0.032)	2.180
Jun-20	050	2.900	0.000	0.000	0.000	0.000	(0.416)	0.249	0.063	(0.450)	(0.005)	(0.010)	0.033	(0.010)	2.354
Jul-20	050	2.900	0.000	0.000	0.000	0.000	(0.416)	0.249	0.063	(0.450)	(0.005)	(0.010)	0.033	(0.010)	2.354
Aug-20	050	2.900	0.000	0.000	0.000	0.000	(0.416)	0.249	0.063	(0.450)	(0.005)	(0.010)	0.033	(0.010)	2.354
Sep-20	070	3.089	0.000	0.000	0.000	0.000	(0.215)	(0.416)	0.249	0.063	0.001	(0.005)	(0.010)	0.033	2.789
Oct-20	070	3.089	0.000	0.000	0.000	0.000	(0.215)	(0.416)	0.249	0.063	0.001	(0.005)	(0.010)	0.033	2.789
Nov-20	070	3.089	0.000	0.000	0.000	0.000	(0.215)	(0.416)	0.249	0.063	0.001	(0.005)	(0.010)	0.033	2.789
Dec-20	090	4.172	0.000	0.000	0.000	0.000	0.090	(0.215)	(0.416)	0.249	0.002	0.001	(0.005)	(0.010)	3.868
Jan-21	011	4.172	0.000	0.000	0.000	0.000	0.090	(0.215)	(0.416)	0.249	0.002	0.001	(0.005)	(0.010)	3.868
Feb-21	011	4.172	0.000	0.000	0.000	0.000	0.090	(0.215)	(0.416)	0.249	0.002	0.001	(0.005)	(0.010)	3.868
Mar-21	031	3.831	0.000	0.000	0.000	0.000	0.254	0.090	(0.215)	(0.416)	0.009	0.002	0.001	(0.005)	3.551
Apr-21	031	3.831	0.000	0.000	0.000	0.000	0.254	0.090	(0.215)	(0.416)	0.009	0.002	0.001	(0.005)	3.551
May-21	031	3.831	0.000	0.000	0.000	0.000	0.254	0.090	(0.215)	(0.416)	0.009	0.002	0.001	(0.005)	3.551