

2nd Quarter

DUKE ENERGY KENTUCKY, INC
GAS COST ADJUSTMENT CLAUSE

QUARTERLY REPORT

GAS COST RECOVERY RATES EFFECTIVE FROM May 31, 2018 THROUGH June 28, 2018

DESCRIPTION	UNIT	AMOUNT
EXPECTED GAS COST (EGC)	\$/MCF	3.759
SUPPLIER REFUND ADJUSTMENT (RA)	\$/MCF	(0.017)
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.232
BALANCE ADJUSTMENT (BA)	\$/MCF	0.025
GAS COST RECOVERY RATE (GCR) = EGC + RA + AA +BA	\$/MCF	3.999

EXPECTED GAS COST CALCULATION

DESCRIPTION	UNIT	AMOUNT
TOTAL EXPECTED GAS COST COMPONENT (EGC)	\$/MCF	3.759

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	(0.009)
THIRD PREVIOUS QUARTER REPORTED SUPPLIER REFUND ADJ.	\$/MCF	(0.008)
SUPPLIER REFUND ADJUSTMENT (RA)	\$/MCF	(0.017)

ACTUAL ADJUSTMENT CALCULATION

DESCRIPTION	UNIT	AMOUNT
CURRENT QUARTER ACTUAL ADJUSTMENT	\$/MCF	0.104
PREVIOUS QUARTER REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.296
SECOND PREVIOUS QUARTER REPORTED ACTUAL ADJUSTMENT	\$/MCF	0.097
THIRD PREVIOUS QUARTER REPORTED ACTUAL ADJUSTMENT	\$/MCF	(0.265)
ACTUAL ADJUSTMENT (AA)	\$/MCF	0.232

BALANCE ADJUSTMENT CALCULATION

DESCRIPTION	UNIT	AMOUNT
CURRENT QUARTER BALANCE ADJUSTMENT	\$/MCF	(0.004)
PREVIOUS QUARTER REPORTED BALANCE ADJUSTMENT	\$/MCF	(0.008)
SECOND PREVIOUS QUARTER REPORTED BALANCE ADJUSTMENT	\$/MCF	(0.013)
THIRD PREVIOUS QUARTER REPORTED BALANCE ADJUSTMENT	\$/MCF	0.050
BALANCE ADJUSTMENT (BA)	\$/MCF	0.025

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

DATE FILED: May 11, 2018

BY: DON WATHEN

TITLE: DIRECTOR,
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 : JUNE 1, 2018

		\$
<u>DEMAND (FIXED) COSTS:</u>		
Columbia Gas Transmission Corp.		3,215,122
Columbia Gulf Transmission Corp.		1,200,125
Tennessee Gas Pipeline Company, LLC		677,580
KO Transmission Company		1,943,654
Gas Marketers		94,842
	TOTAL DEMAND COST:	7,131,323
PROJECTED GAS SALES LESS SPECIAL CONTRACT IT PURCHASES:		9,097,227 MCF
DEMAND (FIXED) COMPONENT OF EGC RATE:	\$7,131,323 /	9,097,227 MCF \$0.784 /MCF
 <u>COMMODITY COSTS:</u>		
Gas Marketers		\$2.886 /MCF
Gas Storage		
Columbia Gas Transmission		\$0.000 /MCF
Propane		\$0.000 /MCF
COMMODITY COMPONENT OF EGC RATE:		\$2.886 /MCF
Other Costs:		
Net Charge Off ⁽¹⁾	\$17,952 /	200,696 \$0.089 /MCF
TOTAL EXPECTED GAS COST:		\$3.759 /MCF

⁽¹⁾ Net Charge Off amount from Case No. 2009-00202 WPD-2.15a.

**GAS COST ADJUSTMENT
DUKE ENERGY KENTUCKY**

DETAILS FOR THE EGC RATE IN EFFECT AS OF : June 1, 2018

	RATE (\$ DTH)	CONTRACT VOLUME (DTH)	NUMBER OF DAYS/MTHS	EXPECTED GAS COST (\$)
INTERSTATE PIPELINE : COLUMBIA GAS TRANSMISSION, LLC				
TARIFF RATE EFFECTIVE DATE :	FSS: 2/1/2015			
	SST: 2/1/2017			
<u>BILLING DEMAND - TARIFF RATE - FSS</u>				
Max. Daily Withdrawal Quan.	1.5010	39,656	12	714,284
Seasonal Contract Quantity	0.0288	1,365,276	12	471,839
<u>BILLING DEMAND - TARIFF RATE - SST</u>				
Maximum Daily Quantity	5.6850	19,828	6	676,333
Maximum Daily Quantity	5.6850	39,656	6	1,352,666
CAPACITY RELEASE CREDIT				0
TOTAL COLUMBIA GAS TRANSMISSION, LLC - DEMAND CHARGES				3,215,122
INTERSTATE PIPELINE : COLUMBIA GULF TRANSMISSION CORP.				
TARIFF RATE EFFECTIVE DATE :	FTS-1: 7/1/2016			
<u>BILLING DEMAND - TARIFF RATE - FTS-1</u>				
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
Maximum Daily Quantity	2.7100	13,000	5	176,150
CAPACITY RELEASE CREDIT FOR FTS-1				0
TOTAL COLUMBIA GULF TRANSMISSION CORP. DEMAND CHARGES				1,200,125
INTERSTATE PIPELINE : TENNESSEE GAS PIPELINE COMPANY, LLC				
TARIFF RATE EFFECTIVE DATE :	FT-A: 11/1/2016			
<u>BILLING DEMAND - TARIFF RATE - FTS-1</u>				
Maximum Daily Quantity	2.4550	23,000	12	677,580
TOTAL TENNESSEE GAS PIPELINE COMPANY, LLC - DEMAND CHARGES				677,580

Currently Effective Rates
 Applicable to Rate Schedule FSS
 Rate Per Dth

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

1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.

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

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

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

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

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule SST								
Reservation Charge 3/4/ Commodity	\$	4.324	0.224	0.077	0.015	1.487	6.127	0.2015
Maximum	¢	1.02	0.05	0.80	0.00	0.00	1.87	1.87
Minimum	¢	1.02	0.05	0.80	0.00	0.00	1.87	1.87
Overrun 4/								
Maximum	¢	15.24	0.79	1.05	0.05	4.89	22.02	22.02
Minimum	¢	1.02	0.05	0.80	0.00	0.00	1.87	1.87

- 1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
- 2/ Excludes the Annual Charge Adjustment (ACA) Surcharge. An ACA Commodity surcharge per Dth shall be assessed where applicable pursuant to Section 154.402 of the Commission's Regulations and in accordance with Section 34 of the GTC of Transporter's FERC Gas Tariff. The ACA unit charge authorized for each fiscal year (commencing October 1) by the Commission and posted on its website (<http://www.ferc.gov>) is incorporated herein by reference.
- 3/ Minimum reservation charge is \$0.00.
- 4/ Shippers utilizing the Eastern Market Expansion (EME) facilities for Rate Schedule SST service will pay a total SST reservation charge of \$17.625. If EME customers incur an overrun for SST services that is provided under their EME Project service agreements, they will pay a total overrun rate of 58.97 cents. The applicable EME demand charge and EME overrun charge can be added to the applicable surcharges above to calculate the EME Total Effective Rates.

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 retalnage 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.

By: [Signature]
Its: Sr VP and Chief Commercial Officer

COLUMBIA GAS TRANSMISSION, LLC

By: [Signature]
James R. Eckert
Its: Vice President

LEGAL
<u>24 3/26/18</u>
DATE
DATE

18
NE

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	4.170	4.170	0.1371
Minimum	0.000	0.000	0.000
<i>Discounted to \$3.33 for #79970 & \$154404 and to \$2.71 for #190929</i>			
Commodity			
Maximum	0.0109	0.0109	0.0109
Minimum	0.0109	0.0109	0.0109
<i>ACA + 0.0013 = 0.0122</i>			
Overrun			
Maximum	0.1480	0.1480	0.1480
Minimum	0.0109	0.0109	0.0109

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

RETAINAGE PERCENTAGES

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

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



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

April 11, 2014

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

RE: FTS-1 Service Agreement No. 79970 (Forward Haul)
 and New FTS-1 Service Agreement (Backward Haul)

Dear Jeff:

Columbia Gulf Transmission, LLC ("Columbia Gulf") would like to propose the terms set forth more fully herein for the restructuring of existing service agreement 79970-FTS-1 between Columbia Gulf and Duke Energy Kentucky, Inc. ("DEK").

Reservation Rate	\$3.33
Winter Volume (11/1 – 3/31)	21,000 Dth/day
Summer Volume (4/1 – 10/31)	13,500 Dth/day
Primary Receipt Point	Rayne
Secondary Receipt Point	P2051220 (Mainline Pool)
Primary Delivery Point	Means
Term Begin Date	11/1/2014
Term End Date	10/31/2019

Columbia Gulf Transmission, LLC ("Columbia Gulf") would like to propose the terms set forth more fully herein for a new service agreement FTS-1 between Columbia Gulf and Duke Energy Kentucky, Inc. ("DEK").

Reservation Rate	\$3.33
Volume (1/1 – 12/31)	9,000 Dth/day
Primary Receipt Point	Leach (801)
Secondary Receipt Point	P2051220 (Mainline Pool)
Primary Delivery Point	Means
Term Begin Date	11/1/2014
Term End Date	10/31/2019

In addition to the above reservation rates, DEK must provide all applicable commodity charges, surcharges, overrun charges and retainage charges set forth in Transporter's FERC Gas Tariff from time to time.

The Columbia Gulf proposal is contingent on the capacity remaining available as of the date that DEK affirms its agreement to contract for the capacity.

Columbia Gulf also proposes a Contractual Right of First Refusal under the restructured service agreements.

The above proposals are offered through April 30, 2014.

If you are in agreement with the above proposals, please execute and return both originals to Columbia Gulf at the above address, Attention: Jackie Sydnor, 8th floor North. Upon execution by Columbia Gulf, a fully executed original will be forwarded for your files.

Executed and agreed to this 14th day of April, 2014.

PTB

DUKE ENERGY KENTUCKY, INC.

COLUMBIA GULF TRANSMISSION, LLC

By: [Signature]

By: [Signature]

Its: Manager, Gas Resources

Its: VP

Service Agreement No. 79970

Revision No. 3

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 7 day of October, 2014, 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, 2014, and shall continue in full force and effect until October 31, 2019. Shipper and Transporter agree to avail themselves of the Commission's pre-granted abandonment authority upon termination of this Agreement, subject to any right of first refusal Shipper may have under the Commission's Regulations and Transporter's Tariff.

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

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 5151 San Felipe, Suite 2500, Houston, Texas 77056, Attention: Customer Services and notices to Shipper shall be addressed to it at Duke Energy Kentucky, Inc., 139 East Fourth Street, P. O. Box 960, Cincinnati, OH 45202, Attention: Jeff Kern, until changed by either party by written notice.

Section 5. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): FTS-1 No. 79970, Revision No. 2.

DUKE ENERGY KENTUCKY, INC.

By Jeff Kern
Title Agent
Date October 07, 2014

COLUMBIA GULF TRANSMISSION, LLC

By Stan Chapman
Title EVP & CCO
Date October 02, 2014

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

<u>Transportation Demand</u>			
<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
November 1, 2014	October 31, 2019	21,000	11/1 - 3/31
November 1, 2014	October 31, 2019	13,500	4/1 - 10/31

<u>Primary Receipt Points</u>					
<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
November 1, 2014	October 31, 2019	2700010	CGT-RAYNE	21,000	11/1 - 3/31
November 1, 2014	October 31, 2019	2700010	CGT-RAYNE	13,500	4/1 - 10/31

<u>Primary Delivery Points</u>					
<u>Begin Date</u>	<u>End Date</u>	<u>Measuring Point No.</u>	<u>Measuring Point Name</u>	<u>Maximum Daily Quantity (Dth/day)</u>	<u>Recurrence Interval</u>
November 1, 2014	October 31, 2019	MEANS	MEANS	21,000	11/1 - 3/31
November 1, 2014	October 31, 2019	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 Jeff Kern
Title Agent
Date October 07, 2014

COLUMBIA GULF TRANSMISSION, LLC

By Stan Chapman
Title EVP & CCO
Date October 02, 2014

Service Agreement No. 154404

Revision No. 0

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 7 day of October, 2014, 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, 2014, and shall continue in full force and effect until October 31, 2019. Shipper and Transporter agree to avail themselves of the Commission's pre-granted abandonment authority upon termination of this Agreement, subject to any right of first refusal Shipper may have under the Commission's Regulations and Transporter's Tariff.

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

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 5151 San Felipe, Suite 2500, Houston, Texas 77056, Attention: Customer Services and notices to Shipper shall be addressed to it at Duke Energy Kentucky, Inc., 139 East Fourth Street, P. O. Box 960, Cincinnati, OH 45202, Attention: Jeff Kern, until changed by either party by written notice.

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

DUKE ENERGY KENTUCKY, INC.

By Jeff Kern
Title Agent
Date October 07, 2014

COLUMBIA GULF TRANSMISSION, LLC

By Stan Chapman
Title EVP & CCO
Date October 02, 2014

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>
November 1, 2014	October 31, 2019	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>
November 1, 2014	October 31, 2019	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>
November 1, 2014	October 31, 2019	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 Jeff Kern
Title Agent
Date October 07, 2014

COLUMBIA GULF TRANSMISSION, LLC

By Stan Chapman
Title EVP & CCO
Date October 02, 2014

Service Agreement No. 190929

Revision No. 0

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 4th day of August, 2017, 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, 2017, and shall continue in full force and effect until March 31, 2018. Shipper and Transporter agree to avail themselves of the Commission's pre-granted abandonment authority upon termination of this Agreement, subject to any right of first refusal Shipper may have under the Commission's Regulations and Transporter's Tariff.

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

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 5151 San Felipe, Suite 2400, Houston, Texas 77056, Attention: Customer Services and notices to Shipper shall be addressed to it at Duke Energy Kentucky, Inc., 139 East Fourth Street, P. O. Box 960, Cincinnati, OH 45202, Attention: Jeff Kern, until changed by either party by written notice.

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

PKK
POR
MS

DUKE ENERGY KENTUCKY, INC.

By KPD
Title Senior Vice President
Date August 2, 2017

COLUMBIA GULF TRANSMISSION, LLC

By Kay Kinnison
Title Director Transportation Accounts and Contracts
Date 7-19-2017

Revision No 0

Appendix A to Service Agreement No. 190929
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>
11/01/2017	03/31/2018	13,000	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>
11/01/2017	03/31/2018	2700010	CGT-RAYNE	13,000	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>
11/01/2017	03/31/2018	MEANS	MEANS	13,000	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 *[Signature]*
Title Senior Vice President
Date Aug 4, 2017

COLUMBIA GULF TRANSMISSION, LLC

By *[Signature]*
Title Director Transportation Accounting and Contracts
Date 7-19-2017

DLK
BBK
WVA

Columbia Pipeline Group
1700 MacCorkle Avenue, SE, Charleston, WV 25314



July 17, 2017

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

RE: FTS-1 Service Agreement No. 190929
Discount Letter Amendment

Dear Mr. Kern:

This letter will serve as an amendment to the FTS-1 Service Agreement No. 190929 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) for the term(s) and point(s) specified below.

Effective from November 1, 2017 to March 31, 2018 for an MDQ of 13,000 Dth/day, the rate for service will include a discounted reservation rate of \$2.718 from the primary receipt point CGT-Rayne (2700010) to the primary delivery point Means, and for secondary receipt and delivery points between Rayne and Means. 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.

Columbia Pipeline Group
1700 MacCorkle Avenue, SE, Charleston, WV 25314



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 4th day of August, 2017.

COLUMBIA GULF TRANSMISSION, LLC DUKE ENERGY KENTUCKY, INC.

By: Kay Kinnison

By: [Signature]

ALX
DOR [Signature]

Its: Director, Transportation Accounting and Contracts

Its: Senior Vice President

Date: 7-19-2017

Date: Aug 4, 2017

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-A

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

Daily Base Reservation Rate 1/	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.1822		\$0.3807	\$0.5121	\$0.5211	\$0.5726	\$0.6078	\$0.7626
	L		\$0.1617						
	1	\$0.2742		\$0.2629	\$0.3499	\$0.4956	\$0.4881	\$0.5505	\$0.6769
	2	\$0.5121		\$0.3478	\$0.1809	\$0.1691	\$0.2163	\$0.2975	\$0.3841
	3	\$0.5211		\$0.2755	\$0.1823	\$0.1315	\$0.2021	\$0.3654	\$0.4223
	4	\$0.6617		\$0.6100	\$0.2325	\$0.3533	\$0.1729	\$0.1870	\$0.2672
	5	\$0.7890		\$0.5544	\$0.2439	\$0.2951	\$0.1921	\$0.1802	\$0.2346
	6	\$0.9127		\$0.6367	\$0.4382	\$0.4828	\$0.3410	\$0.1794	\$0.1553

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

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0216.

Discounted Rate: \$2.4334
 PS/GHG: 0.0216
 DEK Rate: \$2.4550

Additional Information

May 18, 2016

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

Attention: Jeff Kern

RE: Discounted Rate Agreement
Rate Schedule FT-A Service Package No. 321247

Dear Jeff:

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

1. a) If Duke KY attempts to apply this Discounted Rate Agreement to any volumes and/or to any points not eligible for the discount and thereby fails to pay correctly invoiced and undisputed amounts, then, if such failure is not cured within thirty days of provision of notice by Tennessee to Duke KY of such failure, Tennessee shall have the right, in its sole discretion, to immediately terminate this Discounted Rate Agreement with Duke KY and/or to assess, from the date of such violation of the terms of this Discounted Rate Agreement, the applicable maximum rate on all transactions occurring under the Service Package for the month(s) in which such limits were exceeded.

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

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

ii) A daily commodity rate of Tennessee's maximum applicable commodity rate.

c) These rates apply to all secondary receipts and deliveries in the paths and zones described above. In addition, Shipper shall also pay ACA, applicable Fuel and Loss Retention (F&LR) and Electric Power Cost Recovery (EPCR) charges and all applicable surcharges specified in Tennessee's FERC Gas Tariff, as may be in effect from time to time ("Tariff").

d) Receipts from and/or deliveries to points other than those listed above during the term of this Discounted Rate Agreement shall result in Duke KY being assessed Tennessee's maximum reservation rate under Rate Schedule FT-A for the primary path divided by the number of days in the month for the entire gas transportation agreement TQ on the day(s) of such deliveries and Tennessee's maximum daily commodity rates under Rate Schedule FT-A as well as the applicable F&LR and EPCR charges and all surcharges under Rate Schedule FT-A.

2. If any terms of this Discounted Rate Agreement are disallowed by any order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Tennessee may immediately terminate this Discounted Rate Agreement. If any terms of this Discounted Rate Agreement are in any way modified by order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Tennessee and Duke KY may mutually

agree to amend this Discounted Rate Agreement in order to ensure that the original commercial intent of the parties is preserved. In the event that the parties cannot achieve mutual agreement, Tennessee reserves the right to immediately terminate this Discounted Rate Agreement.

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


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

Sincerely,


Alison G. Stringer
Account Director, Marketing


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


JEG

By: 
Name: **Sital Mody**
Vice President
Marketing & Business Development
Title: _____

AGREED TO AND ACCEPTED
THIS 13 DAY OF JUNE, 2016
DUKE ENERGY KENTUCKY, INC




By: 
Name: **Chuck Whitlock**
Title: **SVP midwest Delivery**
& Gas operations

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

Amendment Effective Date: November 1, 2016

Service Package: 321247-FTATGP

Service Package TQ: 23000 Dth

BEGINNING DATE	ENDING DATE	TQ
11/01/2016	03/31/2019	23000

BEGINNING DATE	ENDING DATE	METER	METER NAME	INTERCONNECT PARTY NAME	COUNTY	ST	ZONE	R/D	LEG	METER-TQ
11/01/2016	03/31/2019	420049	COL GAS/TGP NORTH MEANS KY MONTGOME	COLUMBIA GAS TRNSM. CORP.	MONTGOMERY	KY	2	D	100	23000
11/01/2016	03/31/2019	420998	POOLING PT - 800 LEG - ZONE L	TENNESSEE GAS PIPELINE	FRANKLIN	LA	L	R	800	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 Tennessee's FERC Gas Tariff:

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

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

REVENUE REDUCTION OPTION PROVISIONS*

SERVICE PACKAGE:

OPTION PERIOD(S) NOT APPLICABLE

OPTION DESCRIPTION NOT APPLICABLE

OPTION CONSIDERATION NOT APPLICABLE

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

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

**GAS COST ADJUSTMENT
DUKE ENERGY KENTUCKY**

DETAILS FOR THE EGC RATE IN EFFECT AS OF : June 1, 2018

	RATE (\$ DTH)	CONTRACT VOLUME (DTH)	NUMBER OF DAYS/MTHS	EXPECTED GAS COST (\$)
INTERSTATE PIPELINE : KO TRANSMISSION COMPANY				
TARIFF RATE EFFECTIVE DATE : 2/1/2017				
<u>BILLING DEMAND - TARIFF RATE - FT</u>				
Maximum Daily Quantity	2.2496	72,000	12	1,943,654
CAPACITY RELEASE CREDIT				0
TOTAL KO TRANSMISSION CO. DEMAND CHARGES				1,943,654
 GAS MARKETERS FIXED CHARGES				
November - March	0.0024	12,366,811		29,592
December - February	0.09	725,000		65,250
TOTAL GAS MARKETERS FIXED CHARGES				94,842

KO Transmission Company, Tariffs, Rate Schedules and Service Agreements

Filing Category: Normal
FERC Docket: RP17-00554-000
FERC Order: BOL
Effective Date: 04/01/2017
Part 3, Currently Effective Rates, 15.0.0

Filing Date: 03/24/2017
FERC Action: Accept
Order Date: 04/29/2017
Status: Effective

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

RATE LEVELS - RATE PER DTH

From February 1, 2017 to January 31, 2018 (Period 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 + \$0.0013 = \$0.0013
Minimum	\$0.0000
Overrun	\$0.0740

From February 1, 2019 to December 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 Rate^{1/}	
RATE SCHEDULE FTS	
Reservation Charge ^{2/}	
Maximum	\$2.1979
Daily Rate - Maximum	\$0.0723
Commodity	
Maximum	\$0.0000
Minimum	\$0.0000
Overrun	\$0.0723

RATE SCHEDULE ITS

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

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

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

Transportation Retainage Adjustment 0.307%

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

Duke Energy Kentucky
Gas Resources
Supply Portfolio - November 2017 - March 2018
Reservation Fees

			Dth per Day					Total Volume	Reserv. Fee	Total Cost
			Nov	Dec	Jan	Feb	Mar			
Shell										
Tennessee, 800 leg	Swing	GD	8,905	5,900	5,800	5,700	8,904	1,065,474	\$0.0040	\$4,261.90
Total								<u>1,065,474</u>		<u>\$4,261.90</u>
ENGIE Energy										
Columbia Gulf	Base	FOMI, -0.0025	6,000	11,800	19,400	19,400	4,600	1,833,000	\$0.0000	\$0.00
Columbia Gulf	Swing	GD	19,700	13,900	6,300	6,300	21,100	2,047,700	\$0.0000	\$0.00
Total								<u>3,880,700</u>		<u>\$0.00</u>
DTE Energy										
Texas Eastern / ANR at Springboro	Base	FOMI, -0.14	6,000	6,000	6,000	6,000	6,000	906,000	\$0.0000	\$0.00
Total								<u>906,000</u>		<u>\$0.00</u>
United Energy Trading										
Tennessee, 800 leg	Base	FOMI	2,300	6,200	6,300	4,900	2,300	665,000	\$0.0000	\$0.00
Total								<u>665,000</u>		<u>\$0.00</u>
Centerpoint Energy										
Tennessee, 800 leg	Swing	GD +0.0075	10,000	5,205	5,105	8,105	10,000	1,156,550	\$0.0000	\$0.00
Total								<u>1,156,550</u>		<u>\$0.00</u>
Twin Eagle										
Columbia Backhaul (Leach)	Swing	GD +0.10	9,068	9,068	9,068	9,068	9,068	1,369,268	\$0.0150	\$20,539.02
Total								<u>1,369,268</u>		<u>\$20,539.02</u>
BP Energy										
Tennessee, 800 leg	Base	FOMI	2,300	6,200	6,300	4,800	2,300	662,200	\$0.0000	\$0.00
Total								<u>662,200</u>		<u>\$0.00</u>
Conoco										
Columbia Gulf	Swing	GD	17,626	17,628	17,626	17,626	17,627	2,661,619	\$0.0018	\$4,790.91
Total								<u>2,661,619</u>		<u>\$4,790.91</u>
Total Firm Supply								<u>12,366,811</u>		<u>\$29,591.83</u>
25 Day Peaking Service (North)										
CIMA (Lebanon or TGT Z1)		Leb +0.25 / TGT +0.55	0	29,000	29,000	29,000	0	2,610,000	\$0.0250	\$65,250.00
								<u>2,610,000</u>		<u>\$65,250.00</u>
Total Duke Energy Kentucky								<u>14,976,811</u>		<u>\$94,841.83</u>

$$29,000 \times 25 \text{ days} = 725,000 \text{ dth}$$

**GAS COST ADJUSTMENT
DUKE ENERGY KENTUCKY**

DETAILS FOR THE EGC RATE IN EFFECT AS OF : June 1, 2018

GAS COMMODITY RATE FOR JUNE 2018:

GAS MARKETERS :

WEIGHTED AVERAGE GAS COST @ CITY GATE (\$/Dth) (1):			\$2.6296	\$/Dth
DUKE ENERGY KENTUCKY FUEL	1.900%	\$0.0500	\$2.6796	\$/Dth
DTH TO MCF CONVERSION	1.0771	\$0.2066	\$2.8862	\$/Mcf
ESTIMATED WEIGHTING FACTOR	100.000%		\$2.8862	\$/Mcf
GAS MARKETERS COMMODITY RATE			\$2.886	\$/Mcf

GAS STORAGE :

COLUMBIA GAS TRANS. - STORAGE INVENTORY RATE			\$3.1751	\$/Dth
COLUMBIA GAS TRANS. FSS WITHDRAWAL FEE		\$0.0153	\$3.1904	\$/Dth
COLUMBIA GAS TRANS. SST FUEL	1.454%	\$0.0464	\$3.2368	\$/Dth
COLUMBIA GAS TRANS SST COMMODITY RATE		\$0.0187	\$3.2555	\$/Dth
KO TRANS, COMMODITY RATE		\$0.0013	\$3.2568	\$/Dth
DUKE ENERGY KENTUCKY FUEL	1.900%	\$0.0619	\$3.3187	\$/Dth
DTH TO MCF CONVERSION	1.0771	\$0.2559	\$3.5746	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
GAS STORAGE COMMODITY RATE - COLUMBIA GAS			\$0.000	\$/Mcf

PROPANE :

ERLANGER PROPANE INVENTORY RATE			\$0.86120	\$/Gallon
GALLON TO MCF CONVERSION	15.38	\$12.3841	\$13.2453	\$/Mcf
ESTIMATED WEIGHTING FACTOR	0.000%		\$0.0000	\$/Mcf
PROPANE COMMODITY RATE			\$0.000	\$/Mcf

(1) Weighted average cost of gas based on NYMEX prices on 5/8/18

GAS COST ADJUSTMENT CLAUSE
DUKE ENERGY KENTUCKY, INC
ACTUAL ADJUSTMENT
DETAILS FOR THE THREE MONTH PERIOD ENDED **February 28, 2018**

DESCRIPTION	UNIT	DECEMBER	JANUARY	FEBRUARY
<u>SUPPLY VOLUME PER BOOKS</u>				
PRIMARY GAS SUPPLIERS	MCF	2,086,453	2,388,802	1,452,877
UTILITY PRODUCTION	MCF	0	0	0
INCLUDABLE PROPANE	MCF	33,818	111,215	0
OTHER VOLUMES (SPECIFY) ADJUSTMENT	MCF	(6,007)	(86,840)	(31,348)
TOTAL SUPPLY VOLUMES	MCF	2,114,264	2,413,177	1,421,529
<u>SUPPLY COST PER BOOKS</u>				
PRIMARY GAS SUPPLIERS	\$	7,547,958	8,836,236	5,669,301
SPECIAL PURCHASES CREDIT	\$	0	0	0
INCLUDABLE PROPANE	\$	382,448	1,281,656	0
OTHER COSTS (SPECIFY):				
GAS COST UNCOLLECTIBLE	\$	(15,332)	(29,953)	(38,867)
MANAGEMENT FEE	\$	(68,827)	(68,827)	(68,827)
X-5 TARIFF	\$	0	0	0
TRANSPORTATION SERVICE "UNACCOUNTED FOR"	\$	0	0	0
GAS COST CREDIT	\$	0	0	0
LOSSES - DAMAGED LINES	\$	(218)	(117)	(13,685)
TRANSPORTATION TAKE-OR-PAY RECOVERY	\$	0	0	0
SALES TO REMARKETERS	\$	0	0	0
TOTAL SUPPLY COSTS	\$	7,846,029	10,018,995	5,547,922
<u>SALES VOLUMES</u>				
JURISDICTIONAL	MCF	1,369,390.8	2,385,203.9	1,813,180.6
NON-JURISDICTIONAL	MCF	0.0	0.0	0.0
OTHER VOLUMES (SPECIFY):	MCF	0.0	0.0	0.0
TOTAL SALES VOLUMES	MCF	1,369,390.8	2,385,203.9	1,813,180.6
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF	5.730	4.200	3.060
LESS: EGC IN EFFECT FOR THE MONTH	\$/MCF	4.199	3.987	3.973
DIFFERENCE	\$/MCF	1.531	0.213	(0.913)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF	1,369,390.8	2,385,203.9	1,813,180.6
EQUALS MONTHLY COST DIFFERENCE	\$	2,096,537.31	508,048.43	(1,655,433.89)
NET COST DIFFERENCE FOR THE THREE MONTH PERIOD	\$			949,151.85
PRIOR PERIOD ADJUSTMENT - none	\$			0.00
TOTAL COST USED IN THE CURRENT AA CALCULATION	\$			949,151.85
DIVIDED BY: 12 MONTH PROJECTED SALES ENDED <u>May 31, 2019</u>	MCF			9,097,227
EQUALS CURRENT QUARTERLY ACTUAL ADJUSTMENT	\$/MCF			0.104
AAU				

**GAS COST ADJUSTMENT CLAUSE
DUKE ENERGY KENTUCKY, INC
BALANCE ADJUSTMENT
DETAILS FOR THE TWELVE MONTH PERIOD ENDED February 28, 2018**

DESCRIPTION	UNIT	AMOUNT
-------------	------	--------

RECONCILIATION OF A PREVIOUS GAS COST VARIANCE

GAS COST DIFFERENCE TO BE RECOVERED FROM OR (RETURNED TO) CUSTOMERS WHICH WAS USED TO COMPUTE THE "AA" EFFECTIVE	March 2, 2017	\$	1,906,347.44
LESS: AMOUNT RECOVERED (RETURNED) BY THE AA OF \$	0.205	/MCF	
APPLIED TO TOTAL SALES OF <u>9,432,542</u> MCF			
(TWELVE MONTHS ENDED February 28, 2018)		\$	<u>1,933,671.06</u>
BALANCE ADJUSTMENT FOR THE "AA"		\$	<u>(27,323.62)</u>

RECONCILIATION OF A PREVIOUS SUPPLIER REFUND

SUPPLIER REFUND AMOUNT TO BE DISTRIBUTED TO CUSTOMERS WHICH WAS USED TO COMPUTE THE "RA" EFFECTIVE	March 2, 2017	\$	0.00
LESS: AMOUNT DISTRIBUTED BY THE "RA" OF \$	0.000	/MCF	
APPLIED TO TOTAL SALES OF <u>9,432,542</u> MCF			
(TWELVE MONTHS ENDED February 28, 2018)		\$	<u>0.00</u>
BALANCE ADJUSTMENT FOR THE "RA"			<u>0.00</u>

RECONCILIATION OF A PREVIOUS BALANCE ADJUSTMENT

AMOUNT TO BE RECOVERED FROM OR (RETURNED TO) CUSTOMERS WHICH WAS USED TO COMPUTE THE "BA" EFFECTIVE	March 2, 2017	\$	173,346.57
LESS: AMOUNT RECOVERED (RETURNED) BY THE "BA" OF \$	0.019	/MCF	
APPLIED TO TOTAL SALES OF <u>9,432,542</u> MCF			
(TWELVE MONTHS ENDED February 28, 2018)		\$	<u>179,218.33</u>
BALANCE ADJUSTMENT FOR THE "BA"		\$	<u>(5,871.76)</u>
TOTAL BALANCE ADJUSTMENT AMOUNT		\$	<u>(33,195.38)</u>
DIVIDED BY: 12 MONTHS PROJECTED SALES ENDED May 31, 2019		MCF	<u>9,097,227</u>
EQUALS: CURRENT QUARTER BALANCE ADJUSTMENT		\$/MCF	<u>(0.004)</u>

DUKE ENERGY KENTUCKY
SUPPLEMENTAL INFORMATION
FOR THE EXPECTED GAS COST (EGC) RATE CALCULATION
OF THE GAS COST RECOVERY RATE
IN EFFECT AS OF MAY 31, 2018

2nd Quarter

DUKE ENERGY Kentucky, Inc.
USED FOR GCA EFFECTIVE May 1, 2018

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

TWELVE MONTHS ENDED March 31, 2018
BLOOMBERG REPORT (90-DAY COMMERCIAL PAPER RATES)

INTEREST RATE	0.0089
PAYMENT	0.083736
ANNUAL TOTAL	1.0048
MONTHLY INTEREST AMOUNT	0.000742 1

MARCH	2017	0.92	
APRIL	2017	0.94	
MAY	2017	1.08	
JUNE	2017	1.17	
JULY	2017	1.26	
AUGUST	2017	1.26	
SEPTEMBER	2017	1.31	
OCTOBER	2017	1.20	
NOVEMBER	2017	1.38	
DECEMBER	2017	1.46	
JANUARY	2018	1.72	
FEBRUARY	2018	1.67	15.37
MARCH	2018	2.21	16.66

PRIOR ANNUAL TOTAL	15.37
PLUS CURRENT MONTHLY F	2.21
LESS YEAR AGO RATE	0.92
NEW ANNUAL TOTAL	16.66
AVERAGE ANNUAL RATE	1.39
LESS 0.5% (ADMINISTRATIVE	0.89

DUKE ENERGY KENTUCKY
GAS SERVICE
SUMMARY OF GCA a/k/a GCR COMPONENTS
MONTH: December 2017

X:\GCR - GCA\DEK\Support\2018\Accounting 2018 - thru FEB - DEK GCA.xlsx\DEC 17

Retail	MCF Usage REPORTED	Exptd Gas Cost		RECONCILIATION ADJUSTMENT					ACTUAL ADJUSTMENT					BALANCE ADJUSTMENT								
		SALES	\$/MCF	EGC	CURRENT	PREVIOUS	SEC.PREV.	THRD.PREV.	TOTAL	CURRENT	PREVIOUS	SEC.PREV.	THRD.PREV.	TOTAL	CURRENT	PREVIOUS	SEC.PREV.	THRD.PREV.	TOTAL			
CODE			\$	(0.009)	(0.005)	0.000	0.000	RA	0.097	(0.285)	(0.082)	0.205	AA	(0.013)	0.050	0.051	0.019	BA				
086	0.0	3.462	0.00																			
106	3.4	3.805	12.94																			
116	5.8	3.973	23.04																			
126	5.0	4.065	20.33																			
146	8.9	4.219	37.55																			
156	23.5	3.960	93.06																			
166	(830.5)	3.881	(3,223.17)																			
017	891.3	4.694	4,183.76																			
037	(1,117.9)	4.121	(4,606.87)																			
047	860.3	4.366	3,756.07				0.00	0.00					176.36					16.35	16.35			
067	(1,115.5)	3.999	(4,460.88)				0.00	0.00					(228.68)					(21.19)	(21.19)			
077	617.3	4.576	2,824.76				0.00	0.00					126.55					11.73	11.73			
087	(204.4)	4.493	(918.37)			0.00	0.00	0.00				16.76	(41.90)					(10.42)	(3.88)	(14.30)		
107	(161.4)	4.308	(695.31)			0.00	0.00	0.00				13.23	(33.09)					(8.23)	(3.07)	(11.30)		
117	(165.5)	4.098	(678.22)			0.00	0.00	0.00				13.57	(33.93)					(8.44)	(3.14)	(11.58)		
127	(233.2)	4.075	(950.29)		1.87	0.00	0.00	1.87				61.80	19.12	(47.81)				(11.66)	(11.89)	(4.43)	(27.98)	
137	(374.0)	4.171	(1,559.95)		2.99	0.00	0.00	2.99				99.11	30.67	(76.67)				(18.70)	(19.07)	(7.11)	(44.88)	
147	163.1	4.042	659.25		(1.30)	0.00	0.00	(1.30)				(43.22)	(13.37)	33.44	(23.15)			8.16	8.32	3.10	19.58	
157	1,371,014.6	4.198	5,755,519.29	(12,339.13)	(10,968.12)	0.00	0.00	(23,307.25)				132,988.42	(363,318.87)	(112,423.20)	281,057.99	(61,695.66)		(17,823.19)	68,550.73	69,921.74	26,049.28	146,698.56
TOTAL RETAIL	1,369,390.8		5,750,036.99	(12,339.13)	(10,964.56)	-	-	(23,303.69)				132,988.42	(363,201.18)	(112,343.22)	280,932.26	(61,623.72)		(17,823.19)	68,528.53	69,872.01	26,037.64	146,614.99
TRANSPORTATION: IFT3																						
Customer Choice Program (GCAT):																						
026							0.00	0.00					0.00						0.00	0.00		
056							0.00	0.00					0.00						0.00	0.00		
096							0.00	0.00					0.00						0.00	0.00		
136							0.00	0.00					0.00						0.00	0.00		
176							0.00	0.00					0.00						0.00	0.00		
027							0.00	0.00					0.00						0.00	0.00		
057							0.00	0.00					0.00						0.00	0.00		
097							0.00	0.00					0.00						0.00	0.00		
117	774.5				(6.20)	0.00	0.00	(6.20)				(205.24)	(63.51)	158.77	(109.98)			38.73	39.50	14.72	92.95	
167				0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	
IFT3 CHOICE	774.5		TOTAL FOR CHOICE	-	(6.20)	-	-	(6.20)				-	(205.24)	(63.51)	158.77	(109.98)		-	38.73	39.50	14.72	92.95
TOTAL FOR Gas Cost Recovery (GCR)				(12,339.13)	(10,970.76)	-	-	(23,309.89)				132,988.42	(363,406.42)	(112,406.73)	281,091.03	(61,733.70)		(17,823.19)	68,567.26	69,911.51	26,052.36	146,707.94
				CONTROL CK (0.00) positive=recovered=cr 253130 negative=reduce refund=dr253130					CONTROL CK (0.00) positive=recovered=cr 191400 negative=refund=dr 191400					CONTROL CK (0.00) positive=recovered=cr 253130 negative=reduce refund=dr253130								
				0191400 Is Unrecov Purch Gas Cost (Liab)										0253130 Is Gas Refund/Rcls Adj due Cust (Liab)								

JE ID - KUNBIL AMZ

FT 208,890.4

Interruptible Transportation: IT01

IT 140,796.1

Grand Total 1,719,851.8 ties to Grand Total mcf's w/ SUM3
ADJUSTED EGC 4.199

**DUKE ENERGY COMPANY KENTUCKY
DETERMINATION OF TOTAL SUPPLY COST
MONTH OF DECEMBER 2017**

<u>DESCRIPTION</u>	<u>W/P</u>	<u>TOTAL AMOUNT ROUNDED</u>
<u>PRIMARY GAS SUPPLY COST</u>		\$
current month estimate	B1	7,571,279.14
adjustments from prior month	B2	(22,528.12)
Interruptible Transportation monthly charges by Gas Supply - PM	C	<u>(792.54)</u>
		7,547,958
 <u>LESS: RATE SCHEDULE CF CREDIT</u>		
current month		0.00
adjustments		<u>0.00</u>
		0
 <u>PLUS: INCLUDABLE PROPANE</u>		
a/c 728-3 Erlanger	D2	382,447.59
		382,448
 <u>PLUS: GAS COST UNCOLLECTIBLE</u>		
	E	(15,332.00)
		(15,332)
 <u>LESS: X-5 TARIFF</u>		0.00
		0
 <u>LESS Tenaska MANAGEMENT FEE</u>		
	F	68,827.00
		(68,827)
 <u>LESS: TOP TRANSP. RECOVERIES</u>		0.00
		0
 <u>LESS: GAS LOSSES - DAMAGED LINES</u>		
	G	(218.36)
		(218)
adjustments		0.00
		<u>0.00</u>
		0
 <u>LESS: GAS COST CREDIT</u>		0.00
		0
 <u>LESS: FIRM TRANSPORTATION ADJUSTMENTS</u>		
current month		0.00
adjustments		<u>0.00</u>
		0
 TOTAL SUPPLY COSTS		<u><u>7,846,029</u></u>

ACCOUNTING ENTRY FOR DEFERRAL ONLY

<u>ACCOUNTING ENTRY FOR DEFERRAL ONLY</u>	<u>AMOUNT</u>
ACCTS: 191990 - Unrecv PG - Asset /191400 - Unrecv PG\$ - Liabl	2,096,537.31
ACCOUNT 0805002 - Unrecv PG Adj - Expense	(2,096,537.31)
 LESS: DEC orig -191990 - Unrecv PG - Asset /191400 - Unrecv PG\$ - Liabl	2,129,402.69
DEC orig - ACCOUNT 0805002 - Unrecv PG Adj - Expense	(2,129,402.69)
 TO BE BOOKED - ACCOUNT 0191990/0191400	(32,865.38)
TO BE BOOKED - ACCOUNT 0805002	32,865.38

PURCHASED GAS ADJUSTMENT

SCHEDULE III

COMPANY NAME: DUKE ENERGY COMPANY KENTUCKY

ACTUAL ADJUSTMENT

DETAILS FOR THE MONTH

DECEMBER 2017

<u>PARTICULARS</u>	<u>UNIT</u>	<u>W/P</u>	<u>MONTH DECEMBER 2017</u>
<u>SUPPLY VOLUME PER BOOKS</u>			
Primary Gas Suppliers	MCF	B1	2,086,453
Utility Production	MCF		0
Includable Propane	MCF	D1	33,818
Other Volumes (Specify) - Previous Month Adj.	MCF	B2	(6,007)
TOTAL SUPPLY VOLUMES	MCF		2,114,264
<u>SUPPLY COST PER BOOKS</u>			
Primary Gas Suppliers	\$	A1	7,547,958
Includable Propane	\$		382,448
Gas Cost Uncollectible	\$	A1	(15,332)
Other Cost (Specify) - Gas Cost Credit	\$		0
- Unacct'd for Transp.	\$		0
- CF Credit	\$		0
- X-5 Tariff	\$		0
- CMT Management Fee	\$	A1	(68,827)
- Losses-Damaged Lines	\$	A1	(218)
- Gas Sold to Remarketers	\$		0
- TOP Transp. Recoveries	\$		0
TOTAL SUPPLY COST	\$	A1	7,846,029.0
<u>SALES VOLUMES</u>			
Jurisdictional - Retail	MCF	H	1,369,390.8
Non-Jurisdictional	MCF		
Other Volumes (Specify) -	MCF		
TOTAL SALES VOLUME	MCF		1,369,390.8
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF		5.730
LESS: EGC IN EFFECT FOR MONTH	\$/MCF	H	4.199
DIFFERENCE	\$/MCF		1.531
TIMES: MONTHLY JURISDICTIONAL SALES	MCF		1,369,390.8
MONTHLY COST DIFFERENCE	\$		2,096,537.31

DUKE ENERGY COMPANY KENTUCKY

DECEMBER 2017

	<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	1,369,390.8	H	5,750,036.99	4.19897446
RA		H	(23,309.89)	
AA		H	(61,733.70)	
BA		H	<u>146,707.94</u>	
TOTAL GAS COST RECOVERY(GCR)			<u>5,811,701.34</u>	
TOTAL SALES VOLUME	1,369,390.8			
LESS: NON-JURISDICTIONAL SALES	<u>0.0</u>			
JURISDICTIONAL SALES	<u>1,369,390.8</u>			
<u>PROOF OF UNRECOVERED PURCHASED GAS COST ENTRY</u>				
SUPPLIER COST - CURRENT MONTH	1,369,390.8		7,846,029.00	5.72957625
UNRECOVERED PURCHASED GAS COST			(2,158,271.01)	
ROUNDING(ADD/(DEDUCT))			<u>545.30</u>	
TOTAL GAS COST IN REVENUE			<u>5,688,303.29</u>	
TOTAL GAS COST RECOVERY(GCR)			5,811,701.34	
LESS: RA			(23,309.89)	
BA			<u>146,707.94</u>	
PLUS: COST OF NON-JURISDICTIONAL SALES			<u>5,688,303.29</u>	
UNRECOVERED PURCHASED GAS COST ENTRY			(2,158,271.01)	
LESS: AA			<u>(61,733.70)</u>	
MONTHLY COST DIFFERENCE			(2,096,537.31)	
EXTENDED MONTHLY COST DIFFERENCE			<u>(2,095,992.01)</u>	
ROUNDING			<u>545.30</u>	

**DUKE ENERGY KENTUCKY
GAS SERVICE
SUMMARY OF GCA a/k/a GCR COMPONENTS
MONTH: January 2018**

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Retail BILL CODE	MCF Usage REPORTED SALES	Exptd Gas Cost EGC \$/MCF	EGC \$	RECONCILIATION ADJUSTMENT					ACTUAL ADJUSTMENT					BALANCE ADJUSTMENT						
				CURRENT (0.009)	PREVIOUS (0.008)	SEC.PREV. 0.000	THRD.PREV. 0.000	TOTAL RA	CURRENT 0.097	PREVIOUS (0.285)	SEC.PREV. (0.082)	THRD.PREV. 0.205	TOTAL AA	CURRENT (0.013)	PREVIOUS 0.050	SEC.PREV. 0.051	THRD.PREV. 0.019	TOTAL BA		
106	(3.5)	3.805	(13.32)																	
116	(2.5)	3.973	(9.93)																	
126	(5.7)	4.065	(23.17)																	
146	(7.6)	4.219	(32.06)																	
156	(25.1)	3.960	(99.40)																	
166	(453.4)	3.881	(1,759.65)																	
017	304.8	4.694	1,430.73																	
037	(473.0)	4.121	(1,949.23)																	
047	401.6	4.366	1,753.39				0.00	0.00										82.33	82.33	
067	(519.8)	3.999	(2,078.68)				0.00	0.00										(106.56)	(106.56)	
077	388.6	4.576	1,778.23				0.00	0.00										79.66	79.66	
087	988.9	4.493	4,443.13				0.00	0.00										(81.09)	202.72	
107	620.0	4.308	2,670.96				0.00	0.00										(50.84)	127.10	
117	628.4	4.098	2,575.18				0.00	0.00										(51.53)	128.82	
127	801.9	4.075	3,267.74				(6.42)	0.00	0.00	(6.42)								(212.50)	(65.76)	
137	767.9	4.171	3,202.91				(6.14)	0.00	0.00	(6.14)								(203.49)	(62.97)	
147	1,919.0	4.042	7,756.60				(15.35)	0.00	0.00	(15.35)								(508.54)	(157.36)	
157	(11,741.4)	4.198	(49,290.40)				105.67	93.93	0.00	0.00	199.60							(1,138.92)	962.79	
018	2,391,614.8	3.987	9,535,368.21				(21,524.53)	(19,132.92)	0.00	0.00	(40,657.45)							231,986.64	(633,777.92)	
TOTAL RETAIL	2,385,203.9		9,508,991.24				(21,418.86)	(19,066.90)	-	-	(40,485.76)							230,847.72	(631,590.98)	
TRANSPORTATION: IFT3																				
Customer Choice Program (GCAT):																				
026																				
056																				
096																				
136																				
176																				
027																				
057																				
097									0.00	0.00									0.00	0.00
117									0.00	0.00									0.00	0.00
167									0.00	0.00									0.00	0.00
028	1,228.9						(11.06)	(9.83)	0.00	0.00	(20.89)							119.20	(325.66)	(100.77)
IFT3 CHOICE	1,228.9						(11.06)	(9.83)	-	-	(20.89)							119.20	(325.66)	
TOTAL FOR CHOICE							(11.06)	(9.83)	-	-	(20.89)							119.20	(325.66)	
TOTAL FOR Gas Cost Recovery (GCR)							(21,429.92)	(19,076.73)	-	-	(40,506.65)							230,966.92	(631,916.64)	
CONTROL CK										0.00										0.00
positive=recovered=cr 253130																				
negative=reduce refund=dr253130																				
0191400 is Unrecov Purch Gas Cost (Liab)																				
0253130 is Gas Refund/Rcls Adj due Cust (Liab)																				

JE ID - KUNBIL AMZ

FT 271,489.0
Interruptible Transportation: IT01

IT 143,088.0

Grand Total 2,801,009.8 ties to Grand Total mcf's wp SUM3
ADJUSTED EGC 3.987

DUKE ENERGY COMPANY KENTUCKY
 DETERMINATION OF TOTAL SUPPLY COST
 MONTH OF JANUARY 2018

<u>DESCRIPTION</u>	<u>W/P</u>	<u>TOTAL AMOUNT ROUNDED</u>
<u>PRIMARY GAS SUPPLY COST</u>		\$
current month estimate	B1	9,171,378.20
adjustments from prior month	B2	(323,534.27)
Interruptible Transportation monthly charges by Gas Supply - PM	C	<u>(11,607.96)</u>
		8,836,236
 <u>LESS: RATE SCHEDULE CF CREDIT</u>		
current month		0.00
adjustments		<u>0.00</u>
		0
 <u>PLUS: INCLUDABLE PROPANE</u>		
a/c 728-3 Erlanger	D2	1,281,656.03
		1,281,656
 <u>PLUS: GAS COST UNCOLLECTIBLE</u>		
	E	(29,953.00)
		(29,953)
 <u>LESS: X-5 TARIFF</u>		0.00
		0
 <u>LESS Tenaska MANAGEMENT FEE</u>		
	F	68,827.00
		(68,827)
 <u>LESS: TOP TRANSP. RECOVERIES</u>		0.00
		0
 <u>LESS: GAS LOSSES - DAMAGED LINES</u>		
	G	(116.51)
		(117)
		0.00
adjustments		<u>0.00</u>
		0
 <u>LESS: GAS COST CREDIT</u>		0.00
		0
 <u>LESS: FIRM TRANSPORTATION ADJUSTMENTS</u>		
current month		0.00
adjustments		<u>0.00</u>
		0
 TOTAL SUPPLY COSTS		 <u><u>10,018,995</u></u>

<u>ACCOUNTING ENTRY FOR DEFERRAL ONLY</u>	<u>AMOUNT</u>
ACCTS: 191990 - Unrecv PG - Asset /191400 - Unrecv PG\$ - Liabl	508,048.43
ACCOUNT 0805002 - Unrecv PG Adj - Expense	(508,048.43)
 <u>LESS: JAN orig -191990 - Unrecv PG - Asset /191400 - Unrecv PG\$ - Liabl</u>	558,137.71
JAN orig - ACCOUNT 0805002 - Unrecv PG Adj - Expense	(558,137.71)
 TO BE BOOKED - ACCOUNT 0191990/0191400	(50,089.28)
TO BE BOOKED - ACCOUNT 0805002	50,089.28

PURCHASED GAS ADJUSTMENT

SCHEDULE III

COMPANY NAME: DUKE ENERGY COMPANY KENTUCKY

ACTUAL ADJUSTMENT

DETAILS FOR THE MONTH JANUARY 2018

<u>PARTICULARS</u>	<u>UNIT</u>	<u>W/P</u>	<u>MONTH JANUARY 2018</u>
<u>SUPPLY VOLUME PER BOOKS</u>			
Primary Gas Suppliers	MCF	B1	2,388,802
Utility Production	MCF		0
Includable Propane	MCF	D1	111,215
Other Volumes (Specify) - Previous Month Adj.	MCF	B2	<u>(86,840)</u>
TOTAL SUPPLY VOLUMES	MCF		<u>2,413,177</u>
<u>SUPPLY COST PER BOOKS</u>			
Primary Gas Suppliers	\$	A1	8,836,236
Includable Propane	\$		1,281,656
Gas Cost Uncollectible	\$	A1	(29,953)
Other Cost (Specify) - Gas Cost Credit	\$		0
- Unacct'd for Transp.	\$		0
- CF Credit	\$		0
- X-5 Tariff	\$		0
- CMT Management Fee	\$	A1	(68,827)
- Losses-Damaged Lines	\$	A1	(117)
- Gas Sold to Remarketers	\$		0
- TOP Transp. Recoveries	\$		<u>0</u>
TOTAL SUPPLY COST	\$	A1	<u>10,018,995.0</u>
<u>SALES VOLUMES</u>			
Jurisdictional - Retail	MCF	H	<u>2,385,203.9</u>
Non-Jurisdictional	MCF		
Other Volumes (Specify) -	MCF		
TOTAL SALES VOLUME	MCF		<u>2,385,203.9</u>
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF		4.200
LESS: EGC IN EFFECT FOR MONTH	\$/MCF	H	<u>3.987</u>
DIFFERENCE	\$/MCF		0.213
TIMES: MONTHLY JURISDICTIONAL SALES	MCF		<u>2,385,203.9</u>
MONTHLY COST DIFFERENCE	\$		<u><u>508,048.43</u></u>

DUKE ENERGY COMPANY KENTUCKY

JANUARY 2018

	<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	2,385,203.9	H	9,508,991.24	3.98665759
RA		H	(40,506.65)	
AA		H	(107,314.42)	
BA		H	<u>255,358.35</u>	
TOTAL GAS COST RECOVERY(GCR)			<u>9,616,528.52</u>	
TOTAL SALES VOLUME	2,385,203.9			
LESS: NON-JURISDICTIONAL SALES	<u>0.0</u>			
JURISDICTIONAL SALES	<u>2,385,203.9</u>			
<u>PROOF OF UNRECOVERED PURCHASED GAS COST ENTRY</u>				
SUPPLIER COST - CURRENT MONTH	2,385,203.9		10,018,995.00	4.20047737
UNRECOVERED PURCHASED GAS COST			(615,362.85)	
ROUNDING(ADD/(DEDUCT))			<u>(1,955.34)</u>	
TOTAL GAS COST IN REVENUE			<u>9,401,676.81</u>	
TOTAL GAS COST RECOVERY(GCR)			9,616,528.52	
LESS: RA			(40,506.65)	
BA			<u>255,358.35</u>	
PLUS: COST OF NON-JURISDICTIONAL SALES			<u>9,401,676.82</u>	
UNRECOVERED PURCHASED GAS COST ENTRY			(615,362.85)	
LESS: AA			<u>(107,314.42)</u>	
MONTHLY COST DIFFERENCE			(508,048.43)	
EXTENDED MONTHLY COST DIFFERENCE			<u>(510,003.77)</u>	
ROUNDING			<u>(1,955.34)</u>	

**DUKE ENERGY KENTUCKY
GAS SERVICE
SUMMARY OF GCA a/k/a GCR COMPONENTS
MONTH: February 2018**

Retail BILL CODE	MCF Usage REPORTED SALES	Exptd Gas Cost EGC \$/MCF	EGC \$	RECONCILIATION ADJUSTMENT					ACTUAL ADJUSTMENT					BALANCE ADJUSTMENT						
				CURRENT	PREVIOUS	SEC.PREV.	THRD.PREV.	TOTAL	CURRENT	PREVIOUS	SEC.PREV.	THRD.PREV.	TOTAL	CURRENT	PREVIOUS	SEC.PREV.	THRD.PREV.	TOTAL		
				(0.009)	(0.008)	0.000	0.000	RA	0.097	(0.265)	(0.082)	0.205	AA	(0.013)	0.050	0.051	0.019	BA		
126	0.5	4.065	2.03																	
146	3.8	4.219	16.03																	
156	19.1	3.960	75.64																	
166	(192.8)	3.881	(748.26)																	
017	241.6	4.694	1,134.07																	
037	(354.2)	4.121	(1,459.66)																	
047	343.8	4.366	1,501.03				0.00	0.00										70.48	70.48	
067	(296.8)	3.999	(1,186.90)				0.00	0.00										(60.84)	(60.84)	
077	318.6	4.576	1,457.91				0.00	0.00										65.31	65.31	
087	123.8	4.493	556.23				0.00	0.00											25.38	15.23
107	(102.0)	4.308	(439.42)				0.00	0.00											8.36	(20.91)
117	96.9	4.098	397.10				0.00	0.00											(7.95)	19.86
127	185.0	4.075	753.88				(1.48)	0.00	0.00										(15.17)	37.93
137	422.4	4.171	1,761.83				(3.38)	0.00	0.00										(34.64)	86.59
147	792.1	4.042	3,201.67				(6.34)	0.00	0.00										(64.95)	162.38
157	(29,606.5)	4.198	(124,288.09)				266.46	236.85	0.00	0.00									(6,069.33)	1,332.29
018	23,106.6	3.987	92,126.01				(207.96)	(184.85)	0.00	0.00									4,736.85	(1,039.80)
038	1,818,078.7	3.976	7,228,680.91				(16,362.71)	(14,544.63)	0.00	0.00									372,706.13	(81,813.55)
TOTAL RETAIL	1,813,180.6		7,203,542.01				(16,304.21)	(14,503.83)	-	-									371,759.83	(81,630.26)
TOTAL FOR CHOICE	1,320.2		TOTAL FOR CHOICE				(11.88)	(10.56)	-	-									270.64	(59.41)
TOTAL FOR Gas Cost Recovery (GCR)							(16,316.09)	(14,514.39)	-	-									372,030.47	(81,689.67)
				CONTROL CK 0.00 positive=recovered=cr 253130 negative=reduce refund=dr253130					CONTROL CK (0.00) positive=recovered=cr 191400 negative=refund=dr 191400					CONTROL CK 0.00 positive=recovered=cr 253130 negative=reduce refund=dr253130						
				0191400 Is Unrecov Purch Gas Cost (Liab)					0253130 Is Gas Refund/Rcis Adj due Cust (Liab)											
Firm Transportation: IFT																				
FT	306,986.2																			
Interruptible Transportation: IT01																				
IT	151,803.0																			
Grand Total	2,273,290.0																			
ADJUSTED EGC		3.973																		

JE ID - KUNBIL AMZ

DUKE ENERGY COMPANY KENTUCKY
 DETERMINATION OF TOTAL SUPPLY COST
 MONTH OF FEBRUARY 2018

<u>DESCRIPTION</u>	<u>W/P</u>	<u>TOTAL AMOUNT ROUNDED</u>
<u>PRIMARY GAS SUPPLY COST</u>		\$
current month estimate	B1	5,824,244.59
adjustments from prior month	B2	(128,976.03)
Interruptible Transportation monthly charges by Gas Supply - PM	C	<u>(25,967.40)</u>
		5,669,301
 <u>LESS: RATE SCHEDULE CF CREDIT</u>		
current month		0.00
adjustments		<u>0.00</u>
		0
 PLUS: INCLUDABLE PROPANE		
a/c 728-3 Erlanger	D2	0.00
		0
 PLUS: GAS COST UNCOLLECTIBLE	E	(38,867.00)
		(38,867)
 <u>LESS: X-5 TARIFF</u>		0.00
		0
 LESS Tenaska MANAGEMENT FEE	F	68,827.00
		(68,827)
 LESS: TOP TRANSP. RECOVERIES		0.00
		0
 LESS: GAS LOSSES - DAMAGED LINES	G	(13,685.02)
		(13,685)
adjustments		0.00
		<u>0.00</u>
		0
 LESS: GAS COST CREDIT		0.00
		0
 <u>LESS: FIRM TRANSPORTATION ADJUSTMENTS</u>		
current month		0.00
adjustments		<u>0.00</u>
		0
 TOTAL SUPPLY COSTS		<u><u>5,547,922</u></u>

ACCOUNTING ENTRY FOR DEFERRAL ONLY

<u>ACCOUNTING ENTRY FOR DEFERRAL ONLY</u>	<u>AMOUNT</u>
ACCTS: 191990 - Unrecv PG - Asset /191400 - Unrecv PG\$ - Liabl	(1,655,433.89)
ACCOUNT 0805002 - Unrecv PG Adj - Expense	1,655,433.89
 LESS: FEB orig -191990 - Unrecv PG - Asset /191400 - Unrecv PG\$ - Liabl	(1,599,225.29)
FEB orig - ACCOUNT 0805002 - Unrecv PG Adj - Expense	1,599,225.29
 TO BE BOOKED - ACCOUNT 0191990/0191400	(56,208.60)
TO BE BOOKED - ACCOUNT 0805002	56,208.60

PURCHASED GAS ADJUSTMENT

SCHEDULE III

COMPANY NAME: DUKE ENERGY COMPANY KENTUCKY

ACTUAL ADJUSTMENT

DETAILS FOR THE MONTH

FEBRUARY 2018

<u>PARTICULARS</u>	<u>UNIT</u>	<u>W/P</u>	<u>MONTH FEBRUARY 2018</u>
<u>SUPPLY VOLUME PER BOOKS</u>			
Primary Gas Suppliers	MCF	B1	1,452,877
Utility Production	MCF		0
Includable Propane	MCF	D1	0
Other Volumes (Specify) - Previous Month Adj.	MCF	B2	<u>(31,348)</u>
TOTAL SUPPLY VOLUMES	MCF		<u>1,421,529</u>
<u>SUPPLY COST PER BOOKS</u>			
Primary Gas Suppliers	\$	A1	5,669,301
Includable Propane	\$		0
Gas Cost Uncollectible	\$	A1	(38,867)
Other Cost (Specify) - Gas Cost Credit	\$		0
- Unacct'd for Transp.	\$		0
- CF Credit	\$		0
- X-5 Tariff	\$		0
- CMT Management Fee	\$	A1	(68,827)
- Losses-Damaged Lines	\$	A1	(13,685)
- Gas Sold to Remarketers	\$		0
- TOP Transp. Recoveries	\$		<u>0</u>
TOTAL SUPPLY COST	\$	A1	<u>5,547,922.0</u>
<u>SALES VOLUMES</u>			
Jurisdictional - Retail	MCF	H	<u>1,813,180.6</u>
Non-Jurisdictional	MCF		
Other Volumes (Specify) -	MCF		
TOTAL SALES VOLUME	MCF		<u>1,813,180.6</u>
UNIT BOOK COST OF GAS (SUPPLY \$ / SALES MCF)	\$/MCF		3.060
LESS: EGC IN EFFECT FOR MONTH	\$/MCF	H	<u>3.973</u>
DIFFERENCE	\$/MCF		(0.913)
TIMES: MONTHLY JURISDICTIONAL SALES	MCF		<u>1,813,180.6</u>
MONTHLY COST DIFFERENCE	\$		<u><u>(1,655,433.89)</u></u>

DUKE ENERGY COMPANY KENTUCKY

FEBRUARY 2018

	<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	1,813,180.6	H	7,203,542.01	3.97287618
RA		H	(30,830.48)	
AA		H	(81,689.67)	
BA		H	194,163.40	
TOTAL GAS COST RECOVERY(GCR)			<u>7,285,185.26</u>	
TOTAL SALES VOLUME	1,813,180.6			
LESS: NON-JURISDICTIONAL SALES	<u>0.0</u>			
JURISDICTIONAL SALES	<u>1,813,180.6</u>			
<u>PROOF OF UNRECOVERED PURCHASED GAS COST ENTRY</u>				
SUPPLIER COST - CURRENT MONTH	1,813,180.6		5,547,922.00	3.05977353
UNRECOVERED PURCHASED GAS COST			1,573,744.22	
ROUNDING(ADD/(DEDUCT))			<u>186.12</u>	
TOTAL GAS COST IN REVENUE			<u>7,121,852.34</u>	
TOTAL GAS COST RECOVERY(GCR)			7,285,185.26	
LESS: RA			(30,830.48)	
BA			<u>194,163.40</u>	
PLUS: COST OF NON-JURISDICTIONAL SALES			<u>7,121,852.34</u>	
UNRECOVERED PURCHASED GAS COST ENTRY			1,573,744.22	
LESS: AA			<u>(81,689.67)</u>	
MONTHLY COST DIFFERENCE			1,655,433.89	
EXTENDED MONTHLY COST DIFFERENCE			<u>1,655,620.01</u>	
ROUNDING			<u>186.12</u>	

