Columbia Gas of Kentucky
A NiSource Company
P.O. Box 14241
2001 Mercer Road
Lexington, KY 40512-4241

January 31, 2020

RECEIVED
JAN 31 2020
PUBLIC SERVICE COMMISSION

Ms. Gwen Pinson, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

Re: Columbia Gas of Kentucky, Inc.
Gas Cost Adjustment Case No. 2020 – 00029

Dear Ms. Pinson:

Pursuant to the Commission's Order dated January 30, 2001 in Administrative Case No. 384, Columbia Gas of Kentucky, Inc. ("Columbia") hereby encloses, for filing with the Commission, an original and six (6) copies of data submitted pursuant to the requirements of the Gas Cost Adjustment Provision contained in Columbia's tariff for its March quarterly Gas Cost Adjustment ("GCA"). An electronic copy of the schedules in Excel is also provided.

Columbia proposes to decrease its current rates to tariff sales customers by ($1.0441) per Mcf effective with its March 2020 billing cycle on March 2, 2020. The decrease is composed of a decrease of ($0.7963) per Mcf in the Average Commodity Cost of Gas, a decrease of ($0.0556) per Mcf in the Average Demand Cost of Gas, a decrease of ($0.0326) per Mcf in the Balancing Adjustment, and a decrease of ($0.1596) in the Actual Cost Adjustment. The filing reflects expected changes in Columbia's pipeline demand capacity portfolio beginning April 1. 2020. Please feel free to contact me at 859-288-0242 or jmcoop@nisource.com if there are any questions.

Sincerely,

Judy M. Cooper
Director, Government and Regulatory Policy

Enclosures

RECEIVED

JAN 31 2020

PUBLIC SERVICE
COMMISSION

**BEFORE THE
PUBLIC SERVICE COMMISSION
OF KENTUCKY**

COLUMBIA GAS OF KENTUCKY, INC.

CASE 2020 – 00029

**GAS COST ADJUSTMENT AND REVISED RATES OF
COLUMBIA GAS OF KENTUCKY, INC. PROPOSED TO BECOME
EFFECTIVE MARCH 2020 BILLINGS**

Columbia Gas of Kentucky, Inc.
Comparison of Current and Proposed GCAs

Line No.		December 2019 CURRENT	March 2020 PROPOSED	DIFFERENCE
1	Commodity Cost of Gas	$3.0002	$2.2039	($0.7963)
2	Demand Cost of Gas	$1.3801	$1.3245	($0.0556)
3	Total: Expected Gas Cost (EGC)	$4.3803	$3.5284	($0.8519)
4	SAS Refund Adjustment	$0.0000	$0.0000	$0.0000
5	Balancing Adjustment	$0.0371	$0.0045	($0.0326)
6	Supplier Refund Adjustment	$0.0000	$0.0000	$0.0000
7	Actual Cost Adjustment	($0.2787)	($0.4383)	($0.1596)
8	Performance Based Rate Adjustment	$0.3393	$0.3393	$0.0000
9	Cost of Gas to Tariff Customers (GCA)	$4.4780	$3.4339	($1.0441)
10	Transportation TOP Refund Adjustment	$0.0000	$0.0000	$0.0000
11	Banking and Balancing Service	$0.0209	$0.0207	($0.0002)
12	Rate Schedule FI and GSO			
13	Customer Demand Charge	$6.5417	$6.4127	($0.1290)

Columbia Gas of Kentucky, Inc.
Gas Cost Adjustment Clause
Gas Cost Recovery Rate
Mar 20 - May 20

Line No.	Description				Amount	Expires
1	Expected Gas Cost (EGC)	Schedule No. 1			$3.5284	05-31-20
2	Total Actual Cost Adjustment (ACA)	Schedule No. 2			($0.4383)	
			Case No. 2019-00139	($0.5069)		05-31-20
			Case No. 2019-00267	($0.2684)		05-31-20
			Case No. 2019-00396	($0.0317)		11-30-20
			Case No. 2020-xxxxx	$0.3687		02-28-21
3	Total Supplier Refund Adjustment (RA)	Schedule No. 4			$0.0000	
4	Balancing Adjustment (BA)	Schedule No. 3	Case No. 2020-xxxxx		$0.0045	05-31-20
5	Performance Based Rate Adjustment (PBRA)	Schedule No. 6	Case No. 2019-00139		$0.3393	05-31-20
6	Gas Cost Adjustment					
7	Mar 20 - May 20				$3.4339	
8	Expected Demand Cost (EDC) per Mcf					
9	(Applicable to Rate Schedule IS/SS and GSO)	Schedule No. 1, Sheet 4			$6.4127	

DATE FILED: January 31, 2020 **BY: J. M. Cooper**

Columbia Gas of Kentucky, Inc. | **Schedule No. 1**

Expected Gas Cost for Sales Customers | **Sheet 1**

Mar 20 - May 20

Line No.	Description	Reference	Volume A/ Mcf (1)	Volume A/ Dth. (2)	Rate Per Mcf (3)	Rate Per Dth (4)	Cost (5)
	Storage Supply						
	Includes storage activity for sales customers only						
	Commodity Charge						
1	Withdrawal			(1,692,173)		$0.0153	$25,890
2	Injection			1,816,399		$0.0153	$27,791
3	Withdrawals: gas cost includes pipeline fuel and commodity charges			1,692,173		$1.9173	$3,244,403
	Total						
4	Volume	Line 3		1,692,173			
5	Cost	Line 1 + Line 2 + Line 3					$3,298,084
6	Summary	Line 4 or Line 5		1,692,173			$3,298,084
	Flowing Supply						
	Excludes volumes injected into or withdrawn from storage.						
	Net of pipeline retention volumes and cost. Add unit retention cost on line 18						
7	Non-Appalachian	Sch.1, Sht. 5, Ln. 4		1,151,175			$2,129,673
8	Appalachian Supplies	Sch.1, Sht. 6, Ln. 4		82,349			$202,304
9	Less Fuel Retention By Interstate Pipelines	Sch. 1,Sheet 7, Lines 21, 22		(79,386)			($169,900)
10	Total	Line 7 + Line 8 + Line 9		1,154,138			$2,162,077
	Total Supply						
11	At City-Gate	Line 6 + Line 10		2,846,311			$5,460,161
	Lost and Unaccounted For						
12	Factor			-0.4%			
13	Volume	Line 11 * Line 12		(11,385)			
14	At Customer Meter	Line 11 + Line 13	2,574,864	2,834,926			
15	Less: Right-of-Way Contract Volume		772				
16	**Sales Volume**	Line 14-Line 15	2,574,092				
	Unit Costs $/MCF						
	Commodity Cost						
17	Excluding Cost of Pipeline Retention	Line 11 / Line 16			$2.1212		
18	Annualized Unit Cost of Retention	Sch. 1,Sheet 7, Line 24			$0.0625		
19	Including Cost of Pipeline Retention	Line 17 + Line 18			$2.1837		
20	Uncollectible Ratio	CN 2016-00162			0.00923329		
21	Gas Cost Uncollectible Charge	Line 19 * Line 20			$0.0202		
22	Total Commodity Cost	Line 19 + Line 21			$2.2039		
23	Demand Cost	Sch.1, Sht. 2, Line 10			$1.3245		
24	Total Expected Gas Cost (EGC)	Line 22 + Line 23			$3.5284		

A/ BTU Factor = 1.1010 Dth/MCF

Columbia Gas of Kentucky, Inc. **Schedule No. 1**
GCA Unit Demand Cost **Sheet 2**
Mar 20 - May 20

Line No.	Description	Reference	Cost	
1	Expected Demand Cost: Annual Mar 20 - May 20	Sch. No.1, Sheet 3, Ln. 11	$18,793,830	
2	Less Rate Schedule IS/SS and GSO Customer Demand Charge Recovery	Sch. No.1, Sheet 4, Ln. 10	($138,360)	
3	Less Storage Service Recovery from Delivery Service Customers		($192,084)	
4	Net Demand Cost Applicable	Line 1 + Line 2 + Line 3	$18,463,386	
	Projected Annual Demand: Sales + Choice			
	At city-gate			
	In Dth		15,412,936	Dth
	Heat content		1.1010	Dth/MCF
5	In MCF		13,999,034	MCF
	Lost and Unaccounted - For			
6	Factor		0.4%	
7	Volume	Line 5 x Line 6	55,996	MCF
8	Right of way Volumes		2,747	MCF
9	At Customer Meter	Line 5 - Line 7 - Line 8	13,940,291	MCF
10	Unit Demand Cost -- To Sheet 1, Line 23	Line 4 / Line 9	$1.3245	per MCF

Columbia Gas of Kentucky, Inc.
Annual Demand Cost of Interstate Pipeline Capacity
Mar 20 - Feb 21

Schedule No. 1
Sheet 3

Line No.	Description	Dth	Monthly Rate $/Dth	# Months	Expected Annual Demand Cost
	Columbia Gas Transmission Corporation				
	Firm Storage Service (FSS)				
1	FSS Seasonal Contract Quantity (SCQ)	11,264,911	$0.0288	1	$324,429
2	FSS Max Daily Storage Quantity (MDSQ)	220,880	$1.5010	1	$331,541
3	FSS Seasonal Contract Quantity (SCQ)	10,703,880	$0.0288	11	$3,390,989
4	FSS Max Daily Storage Quantity (MDSQ)	209,880	$1.5010	11	$3,465,329
	Storage Service Transportation (SST)				
5	Summer	110,440	$4.1850	1	$462,191
6	Winter	220,880	$4.1850	1	$924,383
7	Summer	104,940	$4.1850	5	$2,195,870
8	Winter	209,880	$4.1850	5	$4,391,739
9	Firm Transportation Service (FTS)	20,014	$6.8140	12	$1,636,505
10	Firm Transportation Service (FTS)	5,124	$6.7720	12	$416,397
11	Subtotal -- Sum of Lines 1 through 6				$17,539,373
	Columbia Gulf Transmission Company				
12	FTS - 1 (Mainline)	28,991	$4.1700	1	$120,892
	Tennessee Gas				
13	Firm Transportation	15,506	$4.5806	12	$852,321
	Central Kentucky Transmission				
14	Firm Transportation	28,000	$0.4930	12	$165,648
15	Operational and Commercial Services Charge		$9,633	12	$115,596
16	**Total** -- Sum of Lines 7 through 11 -- To Sheet 2, line 1				$18,793,830

Columbia Gas of Kentucky, Inc. **Schedule No. 1**
Gas Cost Adjustment Clause **Sheet 4**
Expected Demand Costs Recovered Annually From Rate Schedule IS/SS and GSO Customers
Mar 20 - Feb 21

Line No.	Description	Capacity Daily	# Months	Annualized	Units	Annual Cost
		Dth		Dth		
		(1)	(2)	(3)		(3)
				= (1) x (2)		
1	Expected Demand Costs (Per Sheet 3)					$18,793,830
	City-Gate Capacity:					
	Columbia Gas Transmission					
2	Firm Storage Service - FSS	220,880	12	2,650,560		
3	Firm Transportation Service - FTS	20,014	12	240,168		
4	Central Kentucky Transportation	28,000	12	336,000		
5	Total -- Sum of Lines 2 through 4			3,226,728	Dth	
6	Divided by Average BTU Factor			1.101	Dth/MCF	
7	Total Capacity - Annualized -- Line 5 / Line 6			2,930,725	Mcf	
8	Monthly Unit Expected Demand Cost (EDC) of Daily Capacity Applicable to Rate Schedules IS/SS and GSO -- Line 1 / Line 7			$6.4127	/Mcf	
9	Firm Volumes of IS/SS and GSO Customers	1,798	12	21,576	Mcf	
10	Expected Demand Charges to be Recovered Annually from Rate Schedule IS/SS and GSO Customers -- Line 8 x Line 9			To Sheet 2, line 2		$138,360

Columbia Gas of Kentucky, Inc. **Schedule No. 1**

Non-Appalachian Supply: Volume and Cost **Sheet 5**

Mar 20 - May 20

Cost includes transportation commodity cost and retention by the interstate pipelines, but excludes pipeline demand costs.
The volumes and costs shown are for sales customers only.

Line No.	Month	Total Flowing Supply Including Gas Injected Into Storage: Volume A/	Total Flowing Supply Including Gas Injected Into Storage: Cost	Total Flowing Supply Including Gas Injected Into Storage: Unit Cost	Net Storage Injection	Net Flowing Supply for Current Consumption: Volume	Net Flowing Supply for Current Consumption: Cost
		Dth		$/Dth	Dth	Dth	
		(1)	(2)	(3)	(4)	(5)	(6)
				= (2) / (1)		= (1) + (4)	= (3) x (5)
1	Mar 20	(21,000)	$31,481		0	(21,000)	
2	Apr-20	1,341,830	$2,429,481		(598,064)	743,766	
3	May-20	1,646,743	$3,031,104		(1,218,335)	428,408	
4	Total -- Sum of Lines 1 through 3	2,967,573	$5,492,065	$1.85	(1,816,399)	1,151,175	$2,129,673

A/ Gross, before retention.

Columbia Gas of Kentucky, Inc.
Appalachian Supply: Volume and Cost
Mar 20 - May 20

Schedule No. 1
Sheet 6

Line No.	Month	Dth (2)	Cost (3)
1	Mar 20	34,640	$86,751
2	Apr-20	28,370	$70,141
3	May-20	19,339	$45,413
4	Total -- Sum of Lines 1 through 3	82,349	$202,304

Columbia Gas of Kentucky, Inc. — **Schedule No. 1**
Annualized Unit Charge for Gas Retained by Upstream Pipelines — **Sheet 7**
Mar 20 - May 20

Retention costs are incurred proportionally to the volumes purchased, but recovery of the costs is allocated to quarter by volume consumed.

Line No.	Description	Units	Mar 20 - May 20	Jun 20 - Aug 20	Sep 20 - Nov 20	Dec 20 - Feb 21	Annual Mar 20 - Feb 21
	Gas purchased by CKY for the remaining sales customers						
1	Volume	Dth	3,049,923	4,332,255	2,127,342	919,484	10,429,003
2	Commodity Cost Including Transportation		$5,694,369	$8,443,093	$4,304,805	$3,877,609	$22,319,876
3	Unit cost	$/Dth					$2.1402
	Consumption by the remaining sales customers						
4	At city gate	Dth	2,887,614	741,690	1,951,720	6,711,445	12,292,469
5	Lost and unaccounted for portion		0.40%	0.40%	0.40%	0.40%	
	At customer meters						
6	In Dth = (100% - Line 5) x Line 4	Dth	2,876,064	738,723	1,943,913	6,684,599	12,243,299
7	Heat content	Dth/MCF	1.1010	1.1010	1.1010	1.1010	
8	In MCF = Line 6 / Line 7	MCF	2,612,229	670,956	1,765,589	6,071,389	11,120,163
9	Portion of annual -- Line 8 / Annual		23.5%	6.0%	15.9%	54.6%	100.0%
	Gas retained by upstream pipelines						
10	Volume	Dth	79,386	78,560	56,130	110,526	324,602
	Cost		To Sheet 1, line 9				
11	Quarterly -- Deduct from Sheet 1 -- Line 3 x Line 10		$169,900	$168,132	$120,128	$236,545	$694,705
12	Allocated to quarters by consumption		$163,256	$41,682	$110,458	$379,309	$694,705
			To Sheet 1, line 18				
13	Annualized unit charge -- Line 12 / Line 8	$/MCF	$0.0625	$0.0621	$0.0626	$0.0625	$0.0625

COLUMBIA GAS OF KENTUCKY, INC.

Schedule No. 1
Sheet 8

DETERMINATION OF THE BANKING AND BALANCING CHARGE
FOR THE PERIOD BEGINNING MARCH 2020

Line No.	Description	Dth	Detail	Amount For Transportation Customers
1	Total Storage Capacity -- From Sheet 3, Line 2	11,264,911		
2	Net Transportation Volume	10,234,519		
3	Contract Tolerance Level @ 5%	511,726		
4	Percent of Annual Storage Applicable			
5	to Transportation Customers		4.54%	
6	Seasonal Contract Quantity (SCQ)			
7	Rate		$0.0288	
8	SCQ Charge - Annualized		$3,715,418	
9	Amount Applicable To Transportation Customers			$168,680
10	FSS Injection and Withdrawal Charge			
11	Rate		0.0306	
12	Total Cost		$344,706	
13	Amount Applicable To Transportation Customers			$15,650
14	SST Commodity Charge			
15	Rate		0.0188	
16	Projected Annual Storage Withdrawal, Dth		9,084,289	
17	Total Cost		$170,785	
18	Amount Applicable To Transportation Customers			$7,754
19	Total Cost Applicable To Transportation Customers			$192,084
20	Total Transportation Volume - Mcf			16,192,157
21	Flex and Special Contract Transportation Volume - Mcf			(6,896,500)
22	Net Transportation Volume - Mcf -- Line 20 + Line 21			9,295,657
23	Banking and Balancing Rate - Mcf -- Line 19 / Line 22 - To Line 11 of the GCA Comparison			$0.0207

DETAIL SUPPORTING

DEMAND/COMMODITY SPLIT

COLUMBIA GAS OF KENTUCKY
CASE NO. 2019- Effective March 2020 Billing Cycle

CALCULATION OF DEMAND/COMMODITY SPLIT OF GAS COST ADJUSTMENT FOR TARIFFS

	$/MCF	
Demand Component of Gas Cost Adjustment		
Demand Cost of Gas (Schedule No. 1, Sheet 1, Line 23)	$1.3245	
Demand ACA (Schedule No. 2, Sheet 1, Case No. 2019-00139, Case No. 00267, Case No. 2019-00396, & Case No. XXXXX)	($0.1404)	
Refund Adjustment (Schedule No. 4, Case No. 201X-)	$0.0000	
Total Demand Rate per Mcf	$1.1841	<--- to Att. E, line 15
Commodity Component of Gas Cost Adjustment		
Commodity Cost of Gas (Schedule No. 1, Sheet 1, Line 22)	$2.2039	
Commodity ACA (Schedule No. 2, Sheet 1, Case No. 2019-00139, Case No. 00267, Case No. 2019-00396, & Case No. XXXXX)	($0.2979)	
Balancing Adjustment	$0.0045	
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2019-00139)	$0.3393	
Total Commodity Rate per Mcf	$2.2498	
CHECK:	$1.1841	
	$2.2498	
COST OF GAS TO TARIFF CUSTOMERS (GCA)	$3.4339	
Calculation of Rate Schedule SVGTS - Actual Gas Cost Adjustment		
Commodity ACA (Schedule No. 2, Sheet 1, Case No. 2019-00139, Case No. 00267, Case No. 2019-00396, & Case No. XXXXX)	($0.2979)	
Balancing Adjustment	$0.0045	
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2019-00139)	$0.3393	
Total Commodity Rate per Mcf	$0.0459	←

Columbia Gas of Kentucky, Inc.
CKY Choice Program
100% Load Factor Rate of Assigned FTS Capacity
Balancing Charge
Mar 20 - May 20

Line No.	Description	Contract Volume	Retention	Monthly demand charges	Number of Months	Assignment Proportions	Adjustment for retention on downstream pipe, if any	Annual costs	
		Dth		$/Dth				$/Dth	$/MCF
		Sheet 3		Sheet 3		Line 7 or Line 8			
		(1)	(2)	(3)	(4)	(5)	(6) = 1 / (100% - (2))	(7) = (3)x(4)x(5)x(6)	
	City gate capacity assigned to Choice marketers								
1	Contract								
2	CKT FTS/SST	28,000	0.460%						
3	TCO FTS	20,014	1.492%						
4	Total	48,014							
5									
6	Assignment Proportions								
7	CKT FTS/SST -- Line 2 / Line 4	58.32%							
8	TCO FTS -- Line 3 / Line 4	41.68%							
	Annual demand cost of capacity assigned to choice marketers								
9	CKT FTS			$0.4930	12	0.5832	1.0000	$3.4502	
10	TCO FTS			$6.8140	12	0.4168	1.0000	$34.0809	
11	Gulf FTS-1, upstream to CKT FTS			$4.1700	1	0.5832	1.0046	$2.4432	
12	TGP FTS-A, upstream to TCO FTS			$4.5806	12	0.4168	1.0151	$23.2573	
13	Total Demand Cost of Assigned FTS, per unit							$63.2316	$69.6180
14	100% Load Factor Rate (Line 13 / 365 days)								$0.1907
	Balancing charge, paid by Choice marketers								
15	Demand Cost Recovery Factor in GCA, per Mcf per CKY Tariff Sheet No. 5								$1.1841
16	Less credit for cost of assigned capacity								($0.1907)
17	Plus storage commodity costs incurred by CKY for the Choice marketer								$0.0551
18	Balancing Charge, per Mcf -- Sum of Lines 15 through 17								$1.0485

ACTUAL COST ADJUSTMENT

SCHEDULE NO. 2

COLUMBIA GAS OF KENTUCKY, INC.

STATEMENT SHOWING COMPUTATION OF
ACTUAL GAS COST ADJUSTMENT (ACA)
BASED ON THE THREE MONTHS ENDED NOVEMBER 30, 2019

Line No.	Month	Total Sales Volumes Per Books Mcf (1)	Standby Service Sales Volumes Mcf (2)	Net Applicable Sales Volumes Mcf (3)=(1)-(2)	Average Expected Gas Cost Rate $/Mcf (4) = (5/3)	Gas Cost Recovery $ (5)	Standby Service Recovery $ (6)	Gas Left On Recovery (7)	Total Gas Cost Recovery $ (8)=(5)+(6)-(7)	Cost of Gas Purchased $ (9)	(OVER)/ UNDER RECOVERY $ (10)=(9)-(8)
1	September 2019	193,410	0	193,410	$3.7518	$725,631	$11,819	($1,237)	$738,688	$778,466	$39,778
2	October 2019	247,536	14	247,522	$3.6743	$909,481	$11,287	($1,762)	$922,530	$2,500,818	$1,578,288
3	November 2019	869,193	43	869,150	$3.6739	$3,193,130	$11,330	($5,273)	$3,209,733	$5,830,671	$2,620,938
4	TOTAL	1,310,140	57	1,310,083		$4,828,243	$34,436	($8,272)	$4,870,950	$9,109,955	$4,239,005
5	Off-System Sales										($146,911)
6	Capacity Release										$0
7	Gas Cost Audit										$0
8	TOTAL (OVER)/UNDER-RECOVERY										$4,092,093.43
9	Demand Revenues Received										$1,768,137
10	Demand Cost of Gas										$4,906,024
11	Demand (Over)/Under Recovery										$3,137,888
12	Expected Sales Volumes for the Twelve Months End February 28, 2021										11,116,991
13	**DEMAND ACA TO EXPIRE FEBRUARY 28, 2021**										**$0.2823**
14	Commodity Revenues Received										$3,102,812
15	Commodity Cost of Gas										$4,057,019
16	Commodity (Over)/Under Recovery										$954,207
17	Gas Cost Uncollectible ACA										$6,593
18	Total Commodity (Over)/Under Recovery										$960,800
19	Expected Sales Volumes for the Twelve Months End February 28, 2021										11,116,991
20	**COMMODITY ACA TO EXPIRE FEBRUARY 28, 2021**										**$0.0864**
21	**TOTAL ACA TO EXPIRE FEBRUARY 28, 2021**										**$0.3687**

STATEMENT SHOWING ACTUAL COST
RECOVERY FROM CUSTOMERS TAKING STANDBY
SERVICE UNDER RATE SCHEDULE IS AND GSO
FOR THE THREE MONTHS ENDED NOVEMBER 30, 2019

LINE NO.	MONTH	SS Commodity Volumes (1) Mcf	Average SS Recovery Rate (2) $/Mcf	SS Commodity Recovery (3) $
1	September 2019	0	$0.0000	$0
2	October 2019	14	$2.3579	$33
3	November 2019	43	$2.3579	$101
4	**Total SS Commodity Recovery**			$134

LINE NO.	MONTH	SS Demand Volumes (1) Mcf	Average SS Demand Rate (2) $/Mcf	SS Demand Recovery (3) $
5	September 2019	1,798	$6.5730	$11,818
6	October 2019	1,798	$6.2593	$11,254
7	November 2019	1,798	$6.2449	$11,228
8	**Total SS Demand Recovery**			$34,301
9	**TOTAL SS AND GSO RECOVERY**			$34,435

Columbia Gas of Kentucky, Inc.
Gas Cost Uncollectible Charge - Actual Cost Adjustment
For the Three Months Ending November 30, 2019

Line No.	Class	Sep-19	Oct-19	Nov-19	Total
1	**Actual Cost**	$ 6,864	$ 5,738	$22,607	$ 35,208
2	**Actual Recovery**	$ 4,290	$ 5,386	$18,939	$ 28,615
3	**(Over)/Under Activit**	**$ 2,574**	**$ 351**	**$ 3,668**	**$ 6,593**

BALANCING ADJUSTMENT

SCHEDULE NO. 3

COLUMBIA GAS OF KENTUCKY, INC.

CALCULATION OF BALANCING ADJUSTMENT
TO BE EFFECTIVE MARCH 1, 2020

Line No.	Description	Detail $	Amount $
1	**RECONCILIATION OF A PREVIOUS SUPPLIER REFUND ADJUSTMENT**		
2	Total adjustment to have been distributed to		
3	customers in Case No. 201X-XXXXX	$0	
4	Less: actual amount distributed	$0	
5	REMAINING AMOUNT		$0
6	**RECONCILIATION OF A PREVIOUS BALANCING ADJUSTMENT**		
7	Total adjustment to have been collected from		
8	customers in Case No. 2018-00150	$129,523	
9	Less: actual amount collected	$99,769	
10	REMAINING AMOUNT		$29,754
11	**RECONCILIATION OF PREVIOUS ACTUAL COST ADJUSTMENT**		
12	Total adjustment to have been collected from		
13	customers in Case No. 2018-00366	$672,627	
14	Less: actual amount collected	$690,730	
15	REMAINING AMOUNT		($18,103)
16	**TOTAL BALANCING ADJUSTMENT AMOUNT**		**$11,651**
17	Divided by: projected sales volumes for the three months		
18	ended May 31, 2020		2,611,806
19	**BALANCING ADJUSTMENT (BA) TO**		
20	**EXPIRE MAY 31, 2020**		**$ 0.0045**

Columbia Gas of Kentucky, Inc.
Balancing Adjustment
Supporting Data

Case No. 2017-00317

Expires: December 31, 2017	Volume	Surcharge Rate	Surcharge Amount	Surcharge Balance
Beginning Balance				$129,523
September 2019	197,055	$0.0755	$14,878	$114,645
October 2019	246,660	$0.0755	$18,623	$96,023
November 2019	866,422	$0.0755	$65,415	$30,608
December 2019	11,309	$0.0755	$854	$29,754
TOTAL SURCHARGE COLLECTED				

SUMMARY:

SURCHARGE AMOUNT	$129,523
AMOUNT COLLECTED	$99,769
REMAINING BALANCE	$29,754

Columbia Gas of Kentucky, Inc.
Actual Cost Adjustment YR2018 QTR3
Supporting Data

Case No. 2018-00366

Expires: December 31, 2019

	Tariff			Choice			
	Volume	Refund Rate	Refund Amount	Volume	Refund Rate	Refund Amount	Refund Balance
							$672,627
Dec-18	1,796,227	$0.0650	$116,755	9,772	($0.2326)	($2,273)	$558,146
Jan-19	1,952,114	$0.0650	$126,887	11,766	($0.2326)	($2,737)	$433,995
Feb-19	2,101,939	$0.0650	$136,626	11,207	($0.2326)	($2,607)	$299,976
Mar-19	1,743,130	$0.0650	$113,303	10,649	($0.2326)	($2,477)	$189,149
Apr-19	943,823	$0.0650	$61,349	5,451	($0.2326)	($1,268)	$129,068
May-19	389,037	$0.0650	$25,287	2,365	($0.2326)	($550)	$104,331
Jun-19	234,975	$0.0650	$15,273	1,962	($0.2326)	($456)	$89,514
Jul-19	199,344	$0.0650	$12,957	1,572	($0.2326)	($366)	$76,922
Aug-19	184,753	$0.0650	$12,009	1,138	($0.2326)	($265)	$65,178
Sep-19	195,127	$0.0650	$12,683	1,194	($0.2326)	($278)	$52,773
Oct-19	245,098	$0.0650	$15,931	1,562	($0.2326)	($363)	$37,204
Nov-19	862,277	$0.0650	$56,048	4,145	($0.2326)	($964)	($17,879)
Dec-19	9,589	$0.0650	$623	1,720	($0.2326)	($400)	($18,103)

SUMMARY:	
REFUND AMOUNT	672,627
LESS	
AMOUNT REFUNDED	690,730
TOTAL REMAINING REFUND	(18,103)

PIPELINE COMPANY TARIFF SHEETS

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

Rate Schedule FTS-1	Base Rate (1) 1/	Total Effective Rate (2) 1/	Daily Rate (3) 1/
Market Zone			
Reservation Charge			
Maximum	4.170	4.170	0.1371
Minimum	0.000	0.000	0.000
Commodity			
Maximum	0.0109	0.0109	0.0109
Minimum	0.0109	0.0109	0.0109
Overrun			
Maximum	0.1480	0.1480	0.1480
Minimum	0.0109	0.0109	0.0109

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

Currently Effective Rates
Applicable to Rate Schedule FTS
Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM Rates	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule FTS								
Reservation Charge 3/	$	5.903	0.290	0.058	0.089	0.474	6.814	0.2240
Commodity								
Maximum	¢	1.04	0.16	0.44	0.00	0.00	1.64	1.64
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64	1.64
Overrun								
Maximum	¢	20.45	1.11	0.63	0.29	1.56	24.04	24.04
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64	1.64

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.

Issued: December 31, 2019

Effective: February 1, 2020

Columbia Gas Transmission, LLC

Tariff Sheet Summary for Pending Rates & Retainage Factors

Description		Base Tariff Rate 1/	TCRA 2/	EPCA	OTRA	CCRM	Total Effective Rate 1/
FTS							
Reservation Charge	$	5.903	0.290	0.058	0.089	0.790	7.130
Commodity							
Maximum	¢	1.04	0.16	0.44	0.00	0.00	1.64
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64
Overrun	¢	20.45	1.11	0.63	0.29	2.60	25.08
APX Incremental FTS							
Reservation Charge	$	5.757	0.290	0.058	0.089	-	6.194
Commodity							
Maximum	¢	1.04	0.16	0.44	0.00	-	1.64
Minimum	¢	1.04	0.16	0.44	0.00	-	1.64
Overrun	¢	19.97	1.11	0.63	0.29	-	22.00
NTS							
Reservation Charge	$	7.322	0.290	0.058	0.089	0.790	8.549
Commodity							
Maximum	¢	1.04	0.16	0.44	0.00	0.00	1.64
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64
Overrun	¢	25.11	1.11	0.63	0.29	2.60	29.74
ITS							
Commodity							
Winter Period							
Maximum	¢	20.39	1.11	0.63	0.29	2.60	25.02
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64
Summer Period							
Maximum	¢	13.91	0.80	0.57	0.20	1.73	17.21
Minimum	¢	1.04	0.16	0.44	0.00	0.00	1.64

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 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.

2/ The TCRA rates set forth in this rate summary include TCRA rates which the Commission has accepted and suspended to be effective June 1, 2019, subject to refund and the outcome of a technical conference. *Columbia Gas Transmission, LLC*, 167 FERC ¶ 61,191 (2019).

Currently Effective Rates
Applicable to Rate Schedule SST
Rate Per Dth

		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/	$	5.743	0.290	0.058	0.089	0.474	6.654	0.2187
Commodity								
Maximum	¢	1.02	0.16	0.44	0.00	0.00	1.62	1.62
Minimum	¢	1.02	0.16	0.44	0.00	0.00	1.62	1.62
Overrun 4/								
Maximum	¢	19.90	1.11	0.63	0.29	1.56	23.49	23.49
Minimum	¢	1.02	0.16	0.44	0.00	0.00	1.62	1.62

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.

Currently Effective Rates
Applicable to Rate Schedule FSS
Rate Per Dth

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

1/ Excludes Account 858 expenses and Electric Power Costs which are recovered through Columbia's Transportation Costs Rate Adjustment (TCRA) and Electric Power Costs Adjustment (EPCA), respectively.
2/ ACA assessed where applicable pursuant to Section 154.402 of the Commission's Regulations.
3/ Shippers utilizing the Eastern Market Expansion (EME) facilities for FSS service will pay a total FSS MDSQ reservation charge of $4.130 and a total FSS SCQ capacity rate of 6.80 cents. If EME customers incur an overrun for FSS services that is provided under their EME Project service agreements, they will pay a total FSS overrun rate of 23.44 cents. The additional EME demand charges and EME overrun charges can be added to the applicable surcharges above to develop the EME Total Effective Rate.

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

RATE CARD

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Rate Settlement & PSGHG Adjustment - effective 11/01/2019

FIRM TRANSPORTATION: FT-A & FT-G 1\

Receipt From	Delivery To: Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Res	$4.9656		$10.3766	$13.9580	$14.2050	$15.6084	$16.5676	$20.7866
Usg-Max	0.0032		0.0115	0.0177	0.0219	0.2391	0.2282	0.2716
Usg-Min	0.0032		0.0115	0.0177	0.0219	0.0250	0.0284	0.0346
Overrun	0.1661		0.3512	0.4742	0.4860	0.7522	0.7728	0.9550
Zone L								
Res		$4.4083						
Usg-Max		0.0012						
Usg-Min		0.0012						
Overrun		0.1460						
Zone 1								
Res	$7.4753		$7.1656	$9.5360	$13.5088	$13.3040	$15.0039	$18.4494
Usg-Max	0.0042		0.0081	0.0147	0.0179	0.2033	0.2073	0.2367
Usg-Min	0.0042		0.0081	0.0147	0.0179	0.0210	0.0256	0.0300
Overrun	0.2494		0.2426	0.3263	0.4597	0.6407	0.7006	0.8432
Zone 2								
Res	$13.9581		$9.4788	$4.9299	$4.6086	$5.8968	$8.1104	$10.4695
Usg-Max	0.0167		0.0087	0.0012	0.0028	0.0658	0.1055	0.1169
Usg-Min	0.0167		0.0087	0.0012	0.0028	0.0056	0.0100	0.0143
Overrun	0.4734		0.3192	0.1631	0.1539	0.2597	0.3722	0.4612
Zone 3								
Res	$14.2050		$7.5081	$4.9697	$3.5853	$5.5074	$9.9605	$11.5097
Usg-Max	0.0207		0.0169	0.0026	0.0002	0.0879	0.1217	0.1329
Usg-Min	0.0207		0.0169	0.0026	0.0002	0.0081	0.0118	0.0163
Overrun	0.485		0.2616	0.1657	0.118	0.269	0.4493	0.5112
Zone 4								
Res	$18.0356		$16.6272	$6.3364	$9.6295	$4.7135	$5.0976	$7.2824
Usg-Max	0.0250		0.0205	0.0087	0.0105	0.0407	0.0576	0.0932
Usg-Min	0.0250		0.0205	0.0087	0.0105	0.0028	0.0046	0.0092
Overrun	0.6146		0.5645	0.2158	0.3257	0.1956	0.2252	0.3327
Zone 5								
Res	$21.5048		$15.1110	$6.6468	$8.0427	$5.2363	$4.9117	$6.3942
Usg-Max	0.0284		0.0256	0.0100	0.0118	0.0573	0.0567	0.0705
Usg-Min	0.0284		0.0256	0.0100	0.0118	0.0046	0.0046	0.0066
Overrun	0.7316		0.5191	0.2271	0.2747	0.2295	0.2182	0.2808
Zone 6								
Res	$24.8770		$17.3562	$11.9451	$13.1593	$9.2952	$4.8900	$4.2331
Usg-Max	0.0346		0.0300	0.0143	0.0163	0.0881	0.0478	0.0290
Usg-Min	0.0346		0.0300	0.0143	0.0163	0.0086	0.0041	0.0020
Overrun	0.8479		0.5967	0.4052	0.4468	0.3937	0.2084	0.1682

		FT-A	IT
1\ Rates are exclusive of surcharges.	ACA Commodity Surcharge	$0.0013	$0.0013
	PS-GHG Reservation Surcharge	$0.0181	
	PS-GHG Commodity Surcharge	$0.0007	$0.0013

2\ Losses of -0.04% are included in the Transportation F&LR.
Service rendered solely through displacement and for gas scheduled and allocated for receipt at the Dracut, Massachusetts receipt point, Shipper shall render only the quantity of gas associated with Losses of 0.00%.

INTERRUPTIBLE TRANSPORTATION 1\

Receipt From	Delivery To: Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Usg-Max	$0.1661		$0.3512	$0.4742	$0.4860	$0.7522	$0.7728	$0.9550
Usg-Min	0.0032		0.0115	0.0177	0.0219	0.0250	0.0284	0.0346
Zone L								
Usg-Max		$0.1460						
Usg-Min		0.0012						
Zone 1								
Usg-Max	$0.2494		$0.2426	$0.3263	$0.4597	$0.6407	$0.7006	$0.8432
Usg-Min	0.0042		0.0081	0.0147	0.0179	0.0210	0.0256	0.0300
Zone 2								
Usg-Max	$0.4734		$0.3192	$0.1631	$0.1539	$0.2597	$0.3722	$0.4612
Usg-Min	0.0167		0.0087	0.0012	0.0028	0.0056	0.0100	0.0143
Zone 3								
Usg-Max	$0.4850		$0.2616	$0.1657	$0.1180	$0.2690	$0.4493	$0.5112
Usg-Min	0.0207		0.0169	0.0026	0.0002	0.0081	0.0118	0.0163
Zone 4								
Usg-Max	$0.6146		$0.5645	$0.2158	$0.3257	$0.1956	$0.2252	$0.3327
Usg-Min	0.0250		0.0205	0.0087	0.0105	0.0028	0.0046	0.0092
Zone 5								
Usg-Max	$0.7316		$0.5191	$0.2271	$0.2747	$0.2295	$0.2182	$0.2808
Usg-Min	0.0284		0.0256	0.0100	0.0118	0.0046	0.0046	0.0066
Zone 6								
Usg-Max	$0.8479		$0.5967	$0.4052	$0.4468	$0.3937	$0.2084	$0.1682
Usg-Min	0.0346		0.0300	0.0143	0.0163	0.0086	0.0041	0.0020

FUEL & LOSS RETENTION PERCENTAGE (F&LR) 2\

Receipt Zone	Delivery Zone: 0	L	1	2	3	4	5	6
0	0.46%		1.71%	2.68%	3.32%	3.86%	4.36%	5.18%
L		0.17%						
1	0.62%		1.21%	2.17%	2.71%	3.25%	3.95%	4.51%
2	2.61%		1.30%	0.16%	0.41%	0.88%	1.57%	2.18%
3	3.32%		2.64%	0.41%	0.02%	1.27%	1.89%	2.52%
4	3.86%		3.01%	1.29%	1.56%	0.43%	0.73%	1.35%
5	4.56%		3.95%	1.57%	1.89%	0.72%	0.72%	0.95%
6	5.46%		4.72%	2.18%	2.52%	1.26%	0.55%	0.21%

ELECTRIC POWER COST RATES (EPCR)

Receipt Zone	Delivery Zone: 0	L	1	2	3	4	5	6
0	$0.0033		$0.0129	$0.0199	$0.0248	$0.0299	$0.0340	$0.0408
L		0.0011						
1	0.0045		0.0090	0.0165	0.0202	0.0251	0.0307	0.0353
2	0.0199		0.0097	0.0010	0.0029	0.0065	0.0118	0.0162
3	0.0248		0.0202	0.0029	0.0000	0.0095	0.0140	0.0187
4	0.0299		0.0231	0.0096	0.0117	0.0031	0.0054	0.0101
5	0.0340		0.0307	0.0118	0.0140	0.0053	0.0052	0.0070
6	0.0408		0.0353	0.0162	0.0187	0.0094	0.0040	0.0014

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

RATE CARD

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Rate Settlement & PSGHG Adjustment - effective 11/01/2019

FIRM TRANSPORTATION: FT-GS 1\

Receipt From	Delivery To: Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Usg-Max	$0.2749		$0.5786	$0.7802	$0.7973	$1.0944	$1.1360	$1.4106
Usg-Min	0.0032		0.0115	0.0177	0.0219	0.0250	0.0284	0.0346
Overrun	0.2749		0.5786	0.7802	0.7973	1.0944	1.1360	1.4106
Zone L								
Usg-Max		$0.2426						
Usg-Min		0.0012						
Overrun		0.2426						
Zone 1								
Usg-Max	$0.4132		$0.3997	$0.5353	$0.7558	$0.9323	$1.0295	$1.2476
Usg-Min	0.0042		0.0081	0.0147	0.0179	0.0210	0.0256	0.0300
Overrun	0.4132		0.3997	0.5353	0.7558	0.9323	1.0295	1.2476
Zone 2								
Usg-Max	$0.7794		$0.5269	$0.2712	$0.2550	$0.3889	$0.5500	$0.6906
Usg-Min	0.0167		0.0087	0.0012	0.0028	0.0056	0.0100	0.0143
Overrun	0.7794		0.5269	0.2712	0.2550	0.3889	0.5500	0.6906
Zone 3								
Usg-Max	$0.7963		$0.4261	$0.2746	$0.1966	$0.3898	$0.6675	$0.7635
Usg-Min	0.0207		0.0169	0.0026	0.0002	0.0081	0.0118	0.0163
Overrun	0.7963		0.4261	0.2746	0.1966	0.3898	0.6675	0.7635
Zone 4								
Usg-Max	$1.0100		$0.9289	$0.3548	$0.5367	$0.2989	$0.3368	$0.4924
Usg-Min	0.0250		0.0205	0.0087	0.0105	0.0028	0.0046	0.0092
Overrun	1.0100		0.9289	0.3548	0.5367	0.2989	0.3368	0.4924
Zone 5								
Usg-Max	$1.2030		$0.8503	$0.3730	$0.4510	$0.3442	$0.3260	$0.4208
Usg-Min	0.0284		0.0256	0.0100	0.0118	0.0046	0.0046	0.0066
Overrun	1.2030		0.8503	0.3730	0.4510	0.3442	0.3260	0.4208
Zone 6								
Usg-Max	$1.3933		$0.9770	$0.6669	$0.7352	$0.5975	$0.3156	$0.2610
Usg-Min	0.0346		0.0300	0.0143	0.0163	0.0086	0.0041	0.0020
Overrun	1.3933		0.9770	0.6669	0.7352	0.5975	0.3156	0.2610

	FT-GS
ACA Commodity Surcharge	$0.0013
PS-GHG Commodity Surcharge	$0.0017

1\ Rates are exclusive of surcharges.

2\ Losses of 0.01% are included in the Storage F&LR.

EXTENDED DELIVERY SERVICE / EXTENDED RECEIPT SERVICE 1\

Receipt From	Delivery To: Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Daily Res			$0.3412	$0.4589	$0.4670	$0.5131	$0.5447	$0.6834
Zone L								
Daily Res								
Zone 1								
Daily Res	$0.2458			$0.3136	$0.4441	$0.4374	$0.4933	$0.6065
Zone 2								
Daily Res	$0.4589		$0.3116	$0.0000	$0.1515	$0.1939	$0.2667	$0.3442
Zone 3								
Daily Res	$0.4670		$0.2469	$0.1634		$0.1811	$0.3276	$0.3784
Zone 4								
Daily Res	$0.5929		$0.5467	$0.2083	$0.3166		$0.1676	$0.2394
Zone 5								
Daily Res	$0.7069		$0.4968	$0.2184	$0.2644	$0.1722		$0.2103
Zone 6								
Daily Res	$0.8179		$0.5706	$0.3927	$0.4326	$0.3055	$0.1608	

STORAGE SERVICE 2\

	Deliverability	Capacity	Inj./With.	Overrun	F&LR	EPCR
FS-PA	$1.8222	$0.0185	$0.0073	$0.2187	1.75%	$0.0000
FS-MA	$1.3386	0.0183	0.0087	0.1607	1.75%	0.0000
IS-PA		0.0913	0.0073		1.75%	0.0000
IS-MA		0.0736	0.0087		1.75%	0.0000

PARK AND LOAN SERVICE

PAL Daily Rate	$0.3556
PAL Term Rate	$0.3556

RETAINAGE PERCENTAGE

Transportation Retainage	0.460%

Currently Effective Rates
Applicable to Rate Schedule FTS
Rate per Dth

	Base Tariff Rate 2/	Total Effective Rate 2/	Daily Rate 2/
Rate Schedule FTS			
Reservation Charge 1/	$ 0.493	0.493	0.0162
Commodity			
Maximum	¢ 0.00	0.00	0.00
Minimum	¢ 0.00	0.00	0.00
Overrun	¢ 1.62	1.62	1.62

1/ Minimum reservation charge is $0.00.
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 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	1.492%
Gathering Retainage	5.000%
Storage Gas Loss Retainage	0.350%
Ohio Storage Gas Loss Retainage	0.470%
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.

RETAINAGE PERCENTAGES

Transportation Retainage	1.492%
Gathering Retainage	5.000%
Storage Gas Loss Retainage	0.350%
Ohio Storage Gas Loss Retainage	0.470%
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.

THIRD PARTY PAYMENT AGREEMENT

THIS THIRD PARTY PAYMENT AGREEMENT (this "Agreement") dated as of October 1, 2015 (the "Effective Date") by and COLUMBIA GAS TRANSMISSION, LLC, f/k/a Columbia Gas Transmission Corporation ("Owner-Operator"), and COLUMBIA GAS OF KENTUCKY, INC. ("CKY") under the following circumstances (CKY and Owner-Operator are individually referred to herein as a "Party" and collectively as the "Parties"):

A. CKY owns all of the outstanding voting securities of Central Kentucky Transmission Company, a Delaware corporation ("Co-Owner"). Co-Owner is engaged in the interstate transportation of gas and owns a 25 percent undivided interest in Owner-Operator's line KA-1 North interstate transmission pipeline and appurtenant facilities (the "Pipeline"). The Pipeline is Co-Owner's only asset subject to the jurisdiction of the Federal Energy Regulatory Commission (the "FERC"). CKY holds all of the shipping capacity on Co-Owner's portion of the Pipeline. The remaining 75 percent undivided interest in the Pipeline is owned by Owner-Operator.

B. Owner-Operator and Co-Owner are parties to that certain Operating Agreement dated as of March 18, 2005, as amended by that certain Amendment to Operating Agreement dated as of April 25, 2006 and by that certain Second Amendment to Operating Agreement dated July 1, 2015 (the "Existing Operating Agreement") wherein Owner-Operator and Co-Owner have agreed to the terms and conditions regarding the provision of Operational Services and Commercial Services by Owner-Operator to Co-Owner. Capitalized terms used and not otherwise defined herein have the respective meanings given to such terms in the Operating Agreement.

C. Pursuant to the Existing Operating Agreement, Co-Owner pays Owner-Operator a Flat Monthly Charge for Operational Services equal to $7,300, and a Flat Monthly Charge for Commercial Services equal to $8,333. $6,000 per month of the Flat Monthly Charge for Operational Services is recovered by Co-Owner through Co-Owner's tariff rates for shipping service on file with the FERC. The remaining $1,300 of the Flat Monthly Charge for Operational Services and the $8,333 Flat Monthly Charge for Commercial Services (collectively, such amount being referred to herein as the "Incremental Monthly Charges") is not being recovered by Co-Owner through rates or otherwise.

D. To avoid the expense and delay in time that would be required for Co-Owner to file an application with FERC to increase Co-Owner's tariff rates so that Co-Owner could recover through rates the Incremental Monthly Charge, which would be paid entirely by CKY, CKY and Co-Owner desire instead to have CKY pay Owner-Operator monthly the amount of the Incremental Monthly Charge.

E. Contemporaneously with the execution and delivery of this Agreement, Co-Owner and Owner-Operator are executing and delivering that certain Third Amendment to Operating Agreement dated as of the date hereof (the "Third Amendment") whereby Owner-Operator and Co-Owner are amending the Existing Operating Agreement to provide that Owner-Operator will invoice CKY monthly for the Incremental Monthly Charge.

NOW THEREFORE, in consideration of the mutual covenants and agreements contained herein, and intending to be legally bound hereby, the Parties agree as follows:

1. Incorporation of Recitals; Definitions. The Recitals set forth hereinabove are incorporated into this Agreement as if restated and set forth in full. Capitalized terms used and not otherwise defined herein have the respective meanings given such terms in the Existing Operating Agreement, as amended by the Third Amendment (the "Operating Agreement"). As used herein, the term "Section" refers to a Section of this Agreement.

2. Invoicing by Owner-Operator. Unless and until Owner-Operator receives written notice from Co-Operator and CKY to invoice Co-Owner and CKY in a different manner, Owner-Operator shall invoice CKY each month for (a) $1,300 of the Flat Monthly Charge for Operational Services and (b) all of the $8,333 of the Flat Monthly Charge for the Commercial Services. Owner-Operator agrees to accept payment of all amounts from CKY made on Co-Owner's behalf. Notwithstanding anything herein to the contrary, the Parties agree that Co-Owner shall at all times during the term of this Agreement remain primarily liable for the Flat Monthly Charges under the Operating Agreement, including, without limitation, the Incremental Monthly Charges that shall be invoiced to CKY under this Agreement. In the event CKY fails to make any payment in whole or in part of any Incremental Monthly Charge that is properly due and payable under the Operating Agreement, CKY agrees that Owner-Operator shall have the right to seek collection of all such amounts that become properly due and payable under the Operating Agreement from either CKY or Co-Owner.

2. Payment by CKY. During the Term, CKY agrees to pay timely all invoices for Incremental Monthly Charges due and payable under the Operating Agreement, together with any interest and penalties for late payment accruing with respect to such Incremental Monthly Charges. CKY reserves the right to assert all defenses, counterclaims and offsets that Co-Owner could assert under the Amended Operating Agreement. CKY's payment obligations under this Agreement are specifically limited to payment of the Incremental Monthly Charges as and when the same become due under the Operating Agreement and CKY is not and shall not become obligated in any manner to perform any other obligations or make other payments that may become due or otherwise owed to Owner-Operator by Co-Owner or others pursuant to or arising out of the Operating Agreement. This Agreement does not constitute a guaranty or create any other instrument of suretyship.

3. Term; Termination.

a. The term of this Agreement ("Term") shall commence on the Effective Date and shall continue until the earlier of (i) termination of the Operating Agreement, or (ii) termination pursuant to Section 3.b. Termination is not an election of remedies for any breach or default of a Party's obligations under this Agreement, and shall discharge only those obligations that have not accrued as of the effective date of termination. Any right or duty of a Party based on either the performance or breach of this Agreement prior to the effective date of termination shall survive the Term.

b. This Agreement may be terminated:

i. by CKY, for any reason or for convenience, upon thirty (30) days prior written notice to Owner-Operator; or

ii. by Owner-Operator, upon fifteen (15) days prior written notice to CKY, in the event CKY fails to make any payment required to made under this Agreement when due and such failure continues for a period of forty-five (45) days; or

iii. by either party, upon written notice to the other, in the event such other Party files a voluntary petition in bankruptcy or reorganization or fails to have such a petition filed against it dismissed within thirty (30) days or admits in writing its insolvency or inability to pay its liabilities as they come due, or assigns its assets for the benefit of creditors, or suffers a receiver to be appointed for its assets or suspends its business;

iv. immediately, without the requirement of notice by or to any Party, in the event that Co-Owner files a voluntary petition in bankruptcy or reorganization or fails to have such a petition filed against it dismissed within thirty (30) days or admits in writing its insolvency or inability to pay its liabilities as they come due, or assigns its assets for the benefit of creditors, or suffers a receiver to be appointed for its assets or suspends its business.

4. Notices. All notices required or permitted to be made pursuant to this Agreement shall be in writing and delivered by U.S. Mail, email, in person or by a nationally recognized overnight courier, to the Parties at the following respective addresses, or such other address as a Party may specify by written notice duly given pursuant to this Section:

If to CKY:

Columbia Gas of Kentucky, Inc.
2001 Mercer Road
Lexington, KY 40511
Attention: President
Phone: 859-288-0275

with a copy to:

Columbia Gas of Kentucky, Inc.
2001 Mercer Road
Lexington, KY 40511
Attention: Director of Regulatory
Phone: 859-288-0242

If to Owner-Operator:

Columbia Gas Transmission, LLC
5151 San Felipe
Suite 2400
Houston, TX 77056
Attention: Sr. Vice President, Commercial Operations
Phone: 713-386-3488

Notices shall be deemed received three business days after being deposited into the U.S. mail, or at the time transmitted by email, if such transmission is telephonically or digitally confirmed as having been received by the recipient, or when actually received if delivered by hand delivery or overnight courier.

5. Third-Party Beneficiaries. Co-Owner is expressly made a third-party beneficiary to this Agreement. There are no other third-party beneficiaries to this Agreement.

6. Counterparts; Entire Agreement. This Agreement may be executed in counterparts, each of which shall be deemed an original instrument, but all such counterparts together shall constitute one and the same agreement. This Agreement constitutes the entire agreement among the Parties pertaining to the subject matter hereof, and supersedes all prior agreements, understandings, negotiations and discussions, whether oral or written, of the Parties pertaining to the subject matter hereof.

7. Binding Agreement. Each Party hereby represents and warrants that this Agreement is a legal, valid and binding obligation of such Party and is enforceable against such Party in accordance with its terms.

8. Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns.

9. Rules of Construction; No Waiver. Section headings and titles used in this Agreement are for convenience of reference only and in no way define, limit, extend or describe the scope or intent of any provisions of this Agreement. If any section, subsection, term or provision of this Agreement or the application thereof to any party or circumstance shall, to any extent, be invalid or unenforceable, the remainder of such section, subsection, term or provision and the application of the same to parties or circumstances other than those to which it is held invalid or unenforceable shall not be affected thereby, and shall be valid and enforceable to the fullest extent permitted by law. Amendments, modifications and waivers to this Agreement shall be made only by written instrument signed by both Parties. Any waiver by a party of any provision or condition of this Agreement shall not be construed or deemed to be a waiver of any other provision or condition of this Agreement, nor a waiver of a subsequent breach of the same provision or condition, whether such breach is of the same or a different nature as the prior breach.

10. Governing Law. This Agreement shall be construed and enforced in accordance with the internal laws of the State of Kentucky, without regard to any principles relating to conflicts of law that may direct the application of the laws of another jurisdiction.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be duly executed and delivered by their duly authorized officers as of the Effective Date.

COLUMBIA GAS TRANSMISSION, LLC

By: ______________________________
Name: Stanley G. Chapman, III
Its: Executive Vice President and Chief Commercial Officer

COLUMBIA GAS OF KENTUCKY, INC.

By: ______________________________
Name: Herbert A. Miller
Its: President

PROPOSED TARIFF SHEETS

CURRENTLY EFFECTIVE BILLING RATES

SALES SERVICE	Base Rate Charge $	Gas Cost Adjustment[1/] Demand $	Gas Cost Adjustment[1/] Commodity $	Total Billing Rate[3/] $	
RATE SCHEDULE GSR					
Customer Charge per billing period	16.00			16.00	
Delivery Charge per Mcf	3.5665[3/]	1.1841	2.2498	7.0004	R
RATE SCHEDULE GSO					
Commercial or Industrial					
Customer Charge per billing period	44.69			44.69	
Delivery Charge per Mcf -					
First 50 Mcf or less per billing period	3.0181[3/]	1.1841	2.2498	6.4520	R
Next 350 Mcf per billing period	2.3295[3/]	1.1841	2.2498	5.7634	R
Next 600 Mcf per billing period	2.2143[3/]	1.1841	2.2498	5.6482	R
Over 1,000 Mcf per billing period	2.0143[3/]	1.1841	2.2498	5.4482	R
RATE SCHEDULE IS					
Customer Charge per billing period	2007.00			2007.00	
Delivery Charge per Mcf					
First 30,000 Mcf per billing period	0.6285[3/]		2.2498[2/]	2.8783	R
Next 70,000 Mcf per billing period	0.3737[3/]		2.2498[2/]	2.6235	R
Over 100,000 Mcf per billing period	0.3247[3/]		2.2498[2/]	2.5745	R
Firm Service Demand Charge					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		6.4127		6.4127	R
RATE SCHEDULE IUS					
Customer Charge per billing period	567.40			567.40	
Delivery Charge per Mcf					
For All Volumes Delivered	1.1544[3/]	1.1841	2.2498	4.5883	R

1/ The Gas Cost Adjustment, as shown, is an adjustment per Mcf determined in accordance with the "Gas Cost Adjustment Clause" as set forth on Sheets 48 through 51 of this Tariff. The Gas Cost Adjustment applicable to a customer who is receiving service under Rate Schedule GS or IUS and received service under Rate Schedule SVGTS shall be 3.5284 per Mcf only for those months of the prior twelve months during which they were served under Rate Schedule SVGTS.

2/ IS Customers may be subject to the Demand Gas Cost, under the conditions set forth on Sheets 14 and 15 of this tariff.

3/ The Delivery Charge will be adjusted at billing by the Tax Act Adjustment Factor set forth on Sheet 7a.

COLUMBIA GAS OF KENTUCKY, INC.

CURRENTLY EFFECTIVE BILLING RATES
(Continued)

TRANSPORTATION SERVICE	Base Rate Charge	Gas Cost Adjustment[1] Demand	Gas Cost Adjustment[1] Commodity	Total Billing Rate[3]	
	$	$	$	$	
RATE SCHEDULE SS					
Standby Service Demand Charge per Mcf					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		6.4127		6.4127	R
Standby Service Commodity Charge per Mcf			2.2498	2.2498	R
RATE SCHEDULE DS					
Customer Charge per billing period [2]				2007.00	
Customer Charge per billing period (GDS only)				44.69	
Customer Charge per billing period (IUDS only)				567.40	
Delivery Charge per Mcf[2]					
First 30,000 Mcf	0.6285[3]			0.6285	
Next 70,000 Mcf	0.3737[3]			0.3737	
Over 100,000 Mcf	0.3247[3]			0.3247	
– Grandfathered Delivery Service					
First 50 Mcf or less per billing period				3.0181[3]	
Next 350 Mcf per billing period				2.3295[3]	
Next 600 Mcf per billing period				2.2143[3]	
All Over 1,000 Mcf per billing period				2.0143[3]	
– Intrastate Utility Delivery Service					
All Volumes per billing period				1.1544[3]	
Banking and Balancing Service					
Rate per Mcf		0.0207		0.0207	R
RATE SCHEDULE MLDS					
Customer Charge per billing period				255.90	
Delivery Charge per Mcf				0.0858	
Banking and Balancing Service					
Rate per Mcf		0.0207		0.0207	R

1/ The Gas Cost Adjustment, as shown, is an adjustment per Mcf determined in accordance with the "Gas Cost Adjustment Clause" as set forth on Sheets 48 through 51 of this Tariff.
2/ Applicable to all Rate Schedule DS customers except those served under Grandfathered Delivery Service or Intrastate Utility Delivery Service.
3/ The Delivery Charge will be adjusted at billing by the Tax Act Adjustment Factor set forth on Sheet 7a.

DATE OF ISSUE January 31, 2020

DATE EFFECTIVE March 2, 2020 (Unit 1 March)

ISSUED BY Kimra H Cole

TITLE President & Chief Operating Officer

CURRENTLY EFFECTIVE BILLING RATES
(Continued)

RATE SCHEDULE SVGTS		**Base Rate Charge** $	
General Service Residential (SGVTS GSR)			
Customer Charge per billing period		16.00	
Delivery Charge per Mcf		3.5665 2/	
General Service Other - Commercial or Industrial (SVGTS GSO)			
Customer Charge per billing period		44.69	
Delivery Charge per Mcf -			
First 50 Mcf or less per billing period		3.0181 2/	
Next 350 Mcf per billing period		2.3295 2/	
Next 600 Mcf per billing period		2.2143 2/	
Over 1,000 Mcf per billing period		2.0143 2/	
Intrastate Utility Service			
Customer Charge per billing period		567.40	
Delivery Charge per Mcf		$ 1.1544 2/	
	Billing Rate		
Actual Gas Cost Adjustment 1/			
For all volumes per billing period per Mcf	$0.0459		R
RATE SCHEDULE SVAS			
Balancing Charge – per Mcf	$1.0485		I

1/ The Gas Cost Adjustment is applicable to a customer who is receiving service under Rate Schedule SVGTS and received service under Rate Schedule GS, IS, or IUS for only those months of the prior twelve months during which they were served under Rate Schedule GS, IS or IUS.

2/ The Delivery Charge will be adjusted at billing by the Tax Act Adjustment Factor set forth on Sheet 7a.

DATE OF ISSUE January 31, 2020

DATE EFFECTIVE March 2, 2020 (Unit 1 March)

ISSUED BY Kimm H Cole

TITLE President & Chief Operating Officer