

**BEFORE THE
PUBLIC SERVICE COMMISSION
OF KENTUCKY**

COLUMBIA GAS OF KENTUCKY, INC.

CASE 2024 – 00341

**GAS COST ADJUSTMENT AND REVISED RATES OF
COLUMBIA GAS OF KENTUCKY, INC. PROPOSED TO BECOME
EFFECTIVE UNIT 1 DECEMBER 2024 BILLINGS (NOVEMBER 26, 2024)**

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

<u>Line</u> <u>No.</u>	<u>Sep 24</u> <u>CURRENT</u>	<u>Dec 24</u> <u>PROPOSED</u>	<u>DIFFERENCE</u>
1 Commodity Cost of Gas	\$2.2749	\$3.6194	\$1.3445
2 Demand Cost of Gas	<u>\$1.8705</u>	<u>\$1.8981</u>	<u>\$0.0276</u>
3 Total: Expected Gas Cost (EGC)	\$4.1454	\$5.5175	\$1.3721
4 SAS Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
5 Balancing Adjustment	(\$0.4201)	(\$0.1372)	\$0.2829
6 Supplier Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
7 Actual Cost Adjustment	(\$1.1552)	(\$0.9977)	\$0.1575
8 Performance Based Rate Adjustment	<u>\$0.4080</u>	<u>\$0.4080</u>	<u>\$0.0000</u>
9 Cost of Gas to Tariff Customers (GCA)	\$2.9781	\$4.7906	\$1.8125
10 Banking and Balancing Service	\$0.0369	\$0.0369	\$0.0000
11 Rate Schedule FI and GSO			
12 Customer Demand Charge	\$10.1875	\$10.4374	\$0.2499

Columbia Gas of Kentucky, Inc.
Gas Cost Adjustment Clause
Gas Cost Recovery Rate
Dec 24 - Feb 25

<u>Line No.</u>	<u>Description</u>		<u>Amount</u>	<u>Expires</u>
1	Expected Gas Cost (EGC)	Schedule No. 1	\$5.5175	Unit 21 November (11-25-2025)
2	Total Actual Cost Adjustment (ACA)	Schedule No. 2	(\$0.9977)	
		Case No. 2024-00011	\$0.1950	Unit 21 February (02-27-2025)
		Case No. 2024-00121	(\$1.2169)	Unit 21 May (05-29-2025)
		Case No. 2024-00245	(\$0.2511)	Unit 21 August (08-27-2025)
		Case No. 2024-00341	\$0.2753	Unit 21 November (11-25-2025)
3	Total Supplier Refund Adjustment (RA)	Schedule No. 4		
4	Balancing Adjustment (BA)	Schedule No. 3	(\$0.1372)	Unit 21 November (11-25-2025)
5	Performance Based Rate Adjustment (PBRA)	Schedule No. 6	\$0.4080	Unit 21 May (05-29-2025)
6	Gas Cost Adjustment			
7	Dec 24 - Feb 25		<u>\$4.7906</u>	
8	Expected Demand Cost (EDC) per Mcf			
9	(Applicable to Rate Schedule IS/SS and GSO)	Schedule No. 1, Sheet 4	<u>\$10.4374</u>	

DATE FILED: October 25, 2024

BY: J. M. Cooper

Columbia Gas of Kentucky, Inc.
Expected Gas Cost for Sales Customers
Dec 24 - Feb 25

Schedule No. 1
Sheet 1

Line No.	Description	Reference	Volume A/		Rate		Cost (5)
			Mcf (1)	Dth. (2)	Per Mcf (3)	Per Dth (4)	
Storage Supply							
Includes storage activity for sales customers only							
Commodity Charge							
1	Withdrawal			(6,010,984)		\$0.0153	\$91,968
2	Injection			1,434		\$0.0153	\$22
3	Withdrawals: gas cost includes pipeline fuel and commodity charges			6,009,550		\$2.9579	\$17,775,649
Total							
4	Volume	Line 3		6,009,550			
5	Cost	Line 1 + Line 2 + Line 3					\$17,867,639
6	Summary	Line 4 or Line 5		6,009,550			\$17,867,639
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		2,175,205			\$7,134,672
8	Appalachian Supplies	Sch.1, Sht. 6, Ln. 4		117,322			\$404,405
9	Less Fuel Retention By Interstate Pipelines	Sch. 1,Sheet 7, Lines 21, 22		(385,851)			(\$1,118,322)
10	Total	Line 7 + Line 8 + Line 9		1,906,676			\$6,420,755
Total Supply							
11	At City-Gate	Line 6 + Line 10		7,916,226			\$24,288,394
Lost and Unaccounted For							
12	Factor			-0.5%			
13	Volume	Line 11 * Line 12		(39,581)			
14	At Customer Meter	Line 11 + Line 13	7,154,083	7,876,645			
15	Less: Right-of-Way Contract Volume			1,256			
16	Sales Volume	Line 14-Line 15		7,152,827			
Unit Costs \$/MCF							
Commodity Cost							
17	Excluding Cost of Pipeline Retention	Line 11 / Line 16				\$3.3956	
18	Annualized Unit Cost of Retention	Sch. 1,Sheet 7, Line 24				\$0.2084	
19	Including Cost of Pipeline Retention	Line 17 + Line 18				\$3.6040	
20	Uncollectible Ratio	CN 2021-00183				0.00428000	
21	Gas Cost Uncollectible Charge	Line 19 * Line 20				\$0.0154	
22	Total Commodity Cost	Line 19 + Line 21				\$3.6194	
23	Demand Cost	Sch.1, Sht. 2, Line 10				\$1.8981	
24	Total Expected Gas Cost (EGC)	Line 22 + Line 23				\$5.5175	

A/ BTU Factor = 1.1010 Dth/MCF

Columbia Gas of Kentucky, Inc.
GCA Unit Demand Cost
Dec 24 - Feb 25

Schedule No. 1
Sheet 2

<u>Line No.</u>	<u>Description</u>	<u>Reference</u>	<u>Cost</u>
1	Expected Demand Cost: Annual Dec 24 - Feb 25	Sch. No.1, Sheet 3, Ln. 11	\$27,736,635
2	Less Rate Schedule IS/SS and GSO Customer Demand Charge Recovery	Sch. No.1, Sheet 4, Ln. 10	(\$152,303)
3	Less Storage Service Recovery from Delivery Service Customers		<u>(\$367,160)</u>
4	Net Demand Cost Applicable	Line 1 + Line 2 + Line 3	\$27,217,172
	Projected Annual Demand: Sales + Choice		
	At city-gate		
	In Dth		15,869,332 Dth
	Heat content		1.1010 Dth/MCF
5	In MCF		14,413,562 MCF
	Lost and Unaccounted - For		
6	Factor		0.5%
7	Volume	Line 5 x Line 6	72,068 MCF
8	Right of way Volumes		<u>2,153 MCF</u>
9	At Customer Meter	Line 5 - Line 7 - Line 8	14,339,341 MCF
10	Unit Demand Cost -- To Sheet 1, Line 23	Line 4 / Line 9	\$1.8981 per MCF

Columbia Gas of Kentucky, Inc.
Annual Demand Cost of Interstate Pipeline Capacity
 Dec 24 - Nov 25

Schedule No. 1
Sheet 3

No.	Description	Dth	\$/Dth	# Months	Annual
Columbia Gas Transmission Corporation					
Firm Storage Service (FSS)					
1	FSS Seasonal Contract Quantity (SCQ)	10,703,880	\$0.0523	12	\$6,717,755
2	FSS Max Daily Storage Quantity (MDSQ)	209,880	\$2.9300	12	\$7,379,381
Storage Service Transportation (SST)					
3	Summer	104,940	\$4.1850	6	\$2,635,043
4	Winter	209,880	\$4.1850	6	\$5,270,087
5	Firm Transportation Service (FTS)	20,014	\$10.6350	12	\$2,554,187
6	Firm Transportation Service (FTS)	5,124	\$10.6350	12	\$653,925
7	Firm Transportation Service (FTS)	8,800	\$10.6350	12	\$1,123,056
8	Subtotal -- Sum of Lines 1 through 7				\$26,333,434
Tennessee Gas					
9	Firm Transportation	16,000	\$5.2170	12	\$1,001,664
Columbia Gulf					
10	Firm Transportation FTS-1	5,500	\$6.0839	12	\$401,537
11	Total -- Sum of Lines 8 through 10 -- To Sheet 2, line 1				\$27,736,635

Expected Demand Costs Recovered Annually From Rate Schedule IS/SS and GSO Customers

Dec 24 - Nov 25

Line No.	Description	Capacity			Annual Cost
		Daily (1)	# Months (2)	Annualized Dth (3) = (1) x (2)	
1	Expected Demand Costs (Per Sheet 3)				\$27,736,635
	City-Gate Capacity:				
	Columbia Gas Transmission				
2	Firm Storage Service - FSS	209,880	12	2,518,560	
3	Firm Transportation Service - FTS	33,938	12	407,256	
4	Total -- Sum of Lines 2 through 4			2,925,816 Dth	
5	Divided by Average BTU Factor			1.101 Dth/Mcf	
6	Total Capacity - Annualized -- Line 5 / Line 6			2,657,417 Mcf	
7	Monthly Unit Expected Demand Cost (EDC) of Daily Capacity Applicable to Rate Schedules IS/SS and GSO -- Line 1 / Line 7			\$10.4374 /Mcf	
8	Firm Volumes of IS/SS and GSO Customers	1,216	12	14,592 Mcf	
9	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	\$152,303

Columbia Gas of Kentucky, Inc.
Non-Appalachian Supply: Volume and Cost
Dec 24 - Feb 25

Schedule No. 1
 Sheet 5

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			Net Storage Injection	Net Flowing Supply for Current Consumption	
		Volume A/ Dth (1)	Cost (2)	Unit Cost \$/Dth (3) = (2) / (1)		Dth (4)	Volume Dth (5) = (1) + (4)
1	Dec - 24	769,332	\$2,362,408		0	769,332	
2	Jan-25	766,772	\$2,653,442		0	766,772	
3	Feb-25	639,100	\$2,121,846		0	639,100	
4	Total -- Sum of Lines 1 through 3	2,175,205	\$7,137,697	\$3.28	0	2,175,205	\$7,134,672

A/ Gross, before retention.

Columbia Gas of Kentucky, Inc.
Appalachian Supply: Volume and Cost
Dec 24 - Feb 25

Schedule No. 1
Sheet 6

<u>Line</u> <u>No.</u>	<u>Month</u>	<u>Dth</u> (2)	<u>Cost</u> (3)
1	Dec - 24	38,493	\$127,181
2	Jan-25	45,271	\$161,480
3	Feb-25	33,559	\$115,744
4	Total -- Sum of Lines 1 through 3	117,322	\$404,405

Columbia Gas of Kentucky, Inc.
Annualized Unit Charge for Gas Retained by Upstream Pipelines
 Dec 24 - Feb 25

Schedule No. 1
 Sheet 7

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

Annual

Line No.	Description	Units	Dec 24 - Feb 25	Mar 25 - May 25	Jun 25 - Aug 25	Sep 25 - Nov 25	Dec 24 - Nov 25
Gas purchased by CKY for the remaining sales customers							
1	Volume	Dth	2,292,527	4,044,793	4,902,020	3,299,299	14,538,639
2	Commodity Cost Including Transportation		\$7,542,102	\$11,394,077	\$13,862,891	\$9,338,654	\$42,137,723
3	Unit cost	\$/Dth					\$2.8983
Consumption by the remaining sales customers							
4	At city gate	Dth	7,376,224	2,997,552	840,249	2,498,749	13,712,774
5	Lost and unaccounted for portion		0.50%	0.50%	0.50%	0.50%	
At customer meters							
6	In Dth = (100% - Line 5) x Line 4	Dth	7,339,343	2,982,564	836,048	2,486,255	13,644,210
7	Heat content	Dth/MCF	1.1010	1.1010	1.1010	1.1010	
8	In MCF = Line 6 / Line 7	MCF	6,666,070	2,708,959	759,353	2,258,179	12,392,561
9	Portion of annual -- Line 8 / Annual		53.8%	21.9%	6.1%	18.2%	100.0%
Gas retained by upstream pipelines							
10	Volume	Dth	385,851	205,007	130,631	169,229	890,718
Cost							
11	Quarterly -- Deduct from Sheet 1 -- Line 3 x Line 10		To Sheet 1, line 9 \$1,118,322	\$594,177	\$378,611	\$490,481	\$2,581,591
12	Allocated to quarters by consumption		\$1,388,896	\$565,368	\$157,477	\$469,850	\$2,581,591
13	Annualized unit charge -- Line 12 / Line 8	\$/MCF	To Sheet 1, line 18 \$0.2084	\$0.2087	\$0.2074	\$0.2081	\$0.2083

COLUMBIA GAS OF KENTUCKY, INC.

Schedule No. 1

Sheet 8

**DETERMINATION OF THE BANKING AND
BALANCING CHARGE
FOR THE PERIOD BEGINNING UNIT 1 DECEMBER 2024 (NOVEMBER 26, 2024)**

Line No.	Description	Dth	Detail	Amount For Transportation Customers
1	Total Storage Capacity -- From Sheet 3, Line 2	10,703,880		
2	Net Transportation Volume	10,958,364		
3	Contract Tolerance Level @ 5%	547,918		
4	Percent of Annual Storage Applicable to Transportation Customers		5.12%	
6	Seasonal Contract Quantity (SCQ)			
7	Rate		\$0.0523	
8	SCQ Charge - Annualized		<u>\$6,717,755</u>	
9	Amount Applicable To Transportation Customers			\$343,949
10	FSS Injection and Withdrawal Charge			
11	Rate		0.0306	
12	Total Cost		<u>\$327,539</u>	
13	Amount Applicable To Transportation Customers			\$16,770
14	SST Commodity Charge			
15	Rate		0.0139	
16	Projected Annual Storage Withdrawal, Dth		9,050,649	
17	Total Cost		<u>\$125,804</u>	
18	Amount Applicable To Transportation Customers			\$6,441
19	Total Cost Applicable To Transportation Customers			<u>\$367,160</u>
20	Total Transportation Volume - Mcf			19,308,501
21	Flex and Special Contract Transportation Volume - Mcf			(9,355,400)
22	Net Transportation Volume - Mcf -- Line 20 + Line 21			9,953,101
23	Banking and Balancing Rate - Mcf -- Line 19 / Line 22 - To Line 11 of the GCA Comparison			<u>\$0.0369</u>

**DETAIL SUPPORTING
DEMAND/COMMODITY SPLIT**

COLUMBIA GAS OF KENTUCKY
CASE NO. 2024-00341 Effective Unit 1 December 2024 Billing Cycle (November 26, 2024)

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)	\$1.8981
Demand ACA (Schedule No. 2, Sheet 1, Case No. 2024-00011, Case No. 2024-00121, Case No. 2024-00245, & Case No. 2024-00341)	(\$0.1751)
Refund Adjustment (Schedule No. 4, Case No. 202X-XXXXX)	<u>\$0.0000</u>
Total Demand Rate per Mcf	\$1.7230
Commodity Component of Gas Cost Adjustment	
Commodity Cost of Gas (Schedule No. 1, Sheet 1, Line 22)	\$3.6194
Commodity ACA (Schedule No. 2, Sheet 1, Case No. 2024-00011, Case No. 2024-00121, Case No. 2024-00245, & Case No. 2024-00341)	(\$0.8226)
Balancing Adjustment	(\$0.1372)
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2024-00121)	<u>\$0.4080</u>
Total Commodity Rate per Mcf	\$3.0676
CHECK:	
	\$1.7230
	<u>\$3.0676</u>
COST OF GAS TO TARIFF CUSTOMERS (GCA)	\$4.7906
Calculation of Rate Schedule SVGTS - Actual Gas Cost Adjustment	
Commodity ACA (Schedule No. 2, Sheet 1, Case No. 2024-00011, Case No. 2024-00121, Case No. 2024-00245, & Case No. 2024-00341)	(\$0.8226)
Balancing Adjustment	(\$0.1372)
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2024-00121)	<u>\$0.4080</u>
Total Commodity Rate per Mcf	<u><u>(\$0.5518)</u></u>

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 AUGUST 31, 2024**

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	June 2024	277,736	0	277,736	\$3.8396	\$1,066,397	\$10,426	(\$751)	\$1,077,574.05	\$2,714,257.31	\$1,636,683
2	July 2024	233,484	0	233,484	\$3.8450	\$897,740	\$10,651	(\$947)	\$909,337.14	\$1,871,144.07	\$961,807
3	August 2024	216,503	0	216,503	\$3.8450	\$832,451	\$12,393	(\$998)	\$845,842.52	\$2,364,254.22	\$1,518,412
4	TOTAL	727,722	-	727,722		\$2,796,588	\$33,470	(\$2,696)	\$2,832,754	\$6,949,656	\$4,116,902
5	Off-System Sales										(\$232,963.20)
6	Capacity Release										\$0
7	TOTAL (OVER)/UNDER-RECOVERY										<u>\$3,883,938.69</u>
8	Demand Revenues Received										\$1,410,625
9	Demand Cost of Gas										<u>\$4,979,796</u>
10	Demand (Over)/Under Recovery										<u>\$3,569,171</u>
11	Expected Sales Volumes for the Twelve Months End November 30, 2025										<u>14,339,041</u>
12	DEMAND ACA TO EXPIRE UNIT 21 NOVEMBER (November 25, 2025)										\$0.2489
13	Commodity Revenues Received										\$1,422,129
14	Commodity Cost of Gas										<u>\$1,736,896</u>
15	Commodity (Over)/Under Recovery										\$314,767
16	Gas Cost Uncollectible ACA										<u>(\$707.25)</u>
17	Total Commodity (Over)/Under Recovery										<u>\$314,060</u>
18	Expected Sales Volumes for the Twelve Months End November 30, 2025										<u>11,902,602</u>
19	COMMODITY ACA TO EXPIRE UNIT 21 NOVEMBER (November 25, 2025)										\$0.0264
20	TOTAL ACA TO EXPIRE UNIT 21 NOVEMBER (November 25, 2025)										<u>\$0.2753</u>

**STATEMENT SHOWING ACTUAL COST
 RECOVERY FROM CUSTOMERS TAKING STANDBY
 SERVICE UNDER RATE SCHEDULE IS AND GSO
 BASED ON THE THREE MONTHS ENDED AUGUST 31, 2024**

LINE NO.	MONTH	SS Commodity Volumes (1) Mcf	Average SS Recovery Rate (2) \$/Mcf	SS Commodity Recovery (3) \$
1	June 2024	0	\$0.0000	\$0
2	July 2024	0	\$0.0000	\$0
3	August 2024	0	\$0.0000	\$0
4	Total SS Commodity Recovery			\$0

LINE NO.	MONTH	SS Demand Volumes (1) Mcf	Average SS Demand Rate (2) \$/Mcf	SS Demand Recovery (3) \$
5	June 2024	1,045	\$9.9772	\$10,426
6	July 2024	1,045	\$10.1919	\$10,651
7	August 2024	1,216	\$10.1919	\$12,393
8	Total SS Demand Recovery			\$33,470
9	TOTAL SS AND GSO RECOVERY			\$33,470

Columbia Gas of Kentucky, Inc.
Gas Cost Uncollectible Charge - Actual Cost Adjustment
BASED ON THE THREE MONTHS ENDED AUGUST 31, 2024

Schedule No. 2
 Sheet 3 of 3

Line No.	Class	Jun-24	Jul-24	Aug-24	Total
1	Actual Cost	\$ 10,679	\$ (2,698)	\$ (2,474)	\$ 5,508
2	Actual Recovery	<u>\$ 2,346</u>	<u>\$ 2,010</u>	<u>\$ 1,859</u>	<u>\$ 6,215</u>
3	(Over)/Under Activity	\$ 8,333	\$ (4,707)	\$ (4,333)	\$ (707)

BALANCING ADJUSTMENT

SCHEDULE NO. 3

COLUMBIA GAS OF KENTUCKY, INC.

**CALCULATION OF BALANCING ADJUSTMENT
TO BE EFFECTIVE UNIT 1 DECEMBER THROUGH UNIT 21 FEBRUARY
(NOVEMBER 29, 2024 - FEBRUARY 28, 2025)**

<u>Line No.</u>	<u>Description</u>	<u>Detail</u>	<u>Amount</u>
		\$	\$
1	<u>RECONCILIATION OF A PREVIOUS BALANCING ADJUSTMENT</u>		
2	Total adjustment to have been collected from		
3	customers in Case No. 2024-00121	\$1,102,604	
4	Less: actual amount distributed	<u>\$1,014,008</u>	
5	REMAINING AMOUNT		\$88,596
6	<u>RECONCILIATION OF PREVIOUS ACTUAL COST ADJUSTMENT</u>		
7	Total adjustment to have been distributed to		
8	customers in Case No. 2023-00250	(\$7,529,548)	
9	Less: actual amount distributed	<u>(\$6,526,417)</u>	
10	REMAINING AMOUNT		<u>(\$1,003,131)</u>
11	TOTAL BALANCING ADJUSTMENT AMOUNT		<u>(\$914,534)</u>
12	Divided by: projected sales volumes for the three months		
13	ended February 27, 2025		6,664,611
14			
15	BALANCING ADJUSTMENT (BA)		<u>\$ (0.1372)</u>

Columbia Gas of Kentucky, Inc.
Balancing Adjustment
Supporting Data

Case No. 2024-00121

Expires: September 30, 2024

	<u>Volume</u>	<u>Surcharge Rate</u>	<u>Surcharge Amount</u>	<u>Surcharge Balance</u>
Beginning Balance				\$1,102,604
June 2024	276,125	\$1.3882	\$383,317	\$719,287
July 2024	238,604	\$1.3882	\$331,229	\$388,058
August 2024	215,500	\$1.3882	\$299,157	\$88,901
September 2024	219	\$1.3882	\$304	\$88,596

TOTAL SURCHARGE COLLECTED

SUMMARY:

SURCHARGE AMOUNT \$1,102,604

AMOUNT COLLECTED \$1,014,008

REMAINING BALANCE \$88,596

Columbia Gas of Kentucky, Inc.
Actual Cost Adjustment YR2023 QTR2
Supporting Data

Case No. 2023-00250

Expires: September 30, 2024

	Tariff		Choice			Refund Balance	
	Volume	Refund Rate	Refund Amount	Volume	Refund Rate		Refund Amount
						(\$7,529,548)	
Sep-23	233,810	(\$0.6130)	(\$143,325)	4,086	(\$0.5502)	(\$2,248)	(\$7,383,974)
Oct-23	316,012	(\$0.6130)	(\$193,715)	6,141	(\$0.5502)	(\$3,379)	(\$7,186,880)
Nov-23	718,288	(\$0.6130)	(\$440,311)	7,867	(\$0.5502)	(\$4,328)	(\$6,742,241)
Dec-23	1,541,491	(\$0.6130)	(\$944,934)	10,128	(\$0.5502)	(\$5,572)	(\$5,791,735)
Jan-24	2,323,647	(\$0.6130)	(\$1,424,396)	15,021	(\$0.5502)	(\$8,264)	(\$4,359,075)
Feb-24	2,042,695	(\$0.6130)	(\$1,252,172)	13,094	(\$0.5502)	(\$7,204)	(\$3,099,699)
Mar-24	1,303,611	(\$0.6130)	(\$799,114)	7,794	(\$0.5502)	(\$4,288)	(\$2,296,297)
Apr-24	955,199	(\$0.6130)	(\$585,537)	6,528	(\$0.5502)	(\$3,591)	(\$1,707,169)
May-24	416,024	(\$0.6130)	(\$255,023)	4,786	(\$0.5502)	(\$2,633)	(\$1,449,513)
Jun-24	270,326	(\$0.6130)	(\$165,710)	4,504	(\$0.5502)	(\$2,478)	(\$1,281,325)
Jul-24	235,357	(\$0.6130)	(\$144,274)	3,247	(\$0.5502)	(\$1,786)	(\$1,135,265)
Aug-24	213,954	(\$0.6130)	(\$131,154)	1,546	(\$0.5502)	(\$850)	(\$1,003,261)
Sep-24	149	(\$0.6130)	(\$92)	70	(\$0.5502)	(\$39)	(\$1,003,131)

SUMMARY:

REFUND AMOUNT (7,529,548)

LESS

AMOUNT REFUNDED (6,526,417)

TOTAL REMAINING REFUND (1,003,131)

INVOICES
SCHEDULE NO. 7

Columbia Gas of Kentucky
Cost of Gas Purchased - Support
For the month ended June 30, 2024

Schedule 7-062024
Sheet 1

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	<u>Cost of Gas Purchased</u>	\$ 2,714,257	Schedule 2, Sheet 1, Line 1, Column 9
2	Current Month Purchases Estimate	\$ 4,440,033	
3	Current Month Storage	\$ (1,785,737)	
4	Current Month Other Gas Cost Adjustments	\$ 86,480	
5	Reversal of Prior Month Purchases Estimate	\$ (4,225,304)	
6	Actual Invoices for the Prior Month	<u>\$ 4,198,786</u>	
7	Total	<u>\$ 2,714,257</u>	
8	Verification	\$ -	

Columbia Gas of Kentucky
Cost of Gas Purchased - Support
For the month ended July 31, 2024

Schedule 7-072024
Sheet 1

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	<u>Cost of Gas Purchased</u>	\$ 1,871,144	Schedule 2, Sheet 1, Line 2, Column 9
2	Current Month Purchases Estimate	\$ 5,269,021	
3	Current Month Storage	\$ (3,252,929)	
4	Current Month Other Gas Cost Adjustments	\$ (127,911)	
5	Reversal of Prior Month Purchases Estimate	\$ (4,440,033)	
6	Actual Invoices for the Prior Month	<u>\$ 4,422,996</u>	
7	Total	<u>\$ 1,871,144</u>	
8	Verification	\$ -	

Columbia Gas of Kentucky
Cost of Gas Purchased - Support
For the month ended August 31, 2024

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	<u>Cost of Gas Purchased</u>	\$ 2,364,254	Schedule 2, Sheet 1, Line 3, Column 9
2	Current Month Purchases Estimate	\$ 4,196,363	
3	Current Month Storage	\$ (1,913,052)	
4	Current Month Other Gas Cost Adjustments	\$ 95,916	
5	Reversal of Prior Month Purchases Estimate	\$ (5,269,021)	
6	Actual Invoices for the Prior Month	<u>\$ 5,254,048</u>	
7	Total	<u>\$ 2,364,254</u>	
8	Verification	\$ -	

USAGE

SCHEDULE NO. 8

Columbia Gas of Kentucky Inc
GAAP
Summary of MCF as of Jun 2024 through Aug 2024

<u>Line No.</u>	<u>Sales Volumes</u>	<u>June</u>	<u>July</u>	<u>August</u>
1	Gas Residential - Billed	125,805	97,815	91,956
2	Gas Commercial - Billed	136,246	118,505	110,634
3	Gas Industrial - Billed	15,447	16,746	13,839
4	<u>10~Sales for Resale-Gas</u>	<u>238</u>	<u>417</u>	<u>74</u>
5	<u>Total</u>	<u>277,736</u>	<u>233,484</u>	<u>216,503</u>
6	ACA (Schedule 2, Sheet 1, Column 1)	277,736	233,484	216,503
7	Verification	-	-	-

PIPELINE COMPANY TARIFF SHEETS

Currently Effective Rates
 Applicable to Rate Schedule FTS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM-T Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Rate Schedule FTS								
Reservation Charge 3/ Commodity	\$	9.197	0.561	0.086	0.053	0.738	10.635	0.3496
Maximum	¢	0.63	0.08	0.54	0.00	0.00	1.25	1.25
Minimum	¢	0.63	0.08	0.54	0.00	0.00	1.25	1.25
Overrun								
Maximum	¢	30.87	1.92	0.82	0.17	2.43	36.21	36.21
Minimum	¢	0.63	0.08	0.54	0.00	0.00	1.25	1.25

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

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM-T Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Rate Schedule SST								
Reservation Charge 3/ Commodity	\$	9.078	0.561	0.086	0.053	0.738	10.516	0.3457
Maximum	¢	0.63	0.08	0.54	0.00	0.00	1.25	1.25
Minimum	¢	0.63	0.08	0.54	0.00	0.00	1.25	1.25
Overrun 4/								
Maximum	¢	30.48	1.92	0.82	0.17	2.43	35.82	35.82
Minimum	¢	0.63	0.08	0.54	0.00	0.00	1.25	1.25

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

Currently Effective Rates
 Applicable to Rate Schedule FSS
 Rate Per Dth

		Base Tariff Rate 1/ 2/	Transportation Cost Rate Adjustment Current Surcharge		Electric Power Costs Adjustment Current Surcharge		CCRM-S Rate 3/	Total Effective Rate	Daily Rate
Rate Schedule FSS									
Reservation Charge	\$	2.567	-	-	-	-	0.363	2.930	0.0963
Capacity	¢	4.63	-	-	-	-	0.60	5.23	5.23
Injection	¢	1.53	-	-	-	-	0.00	1.53	1.53
Withdrawal	¢	1.53	-	-	-	-	0.00	1.53	1.53
Overrun	¢	17.57	-	-	-	-	1.79	19.36	19.36

- 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/ The CCRM-S rates shown above for Service under Rate Schedule FSS shall be applicable to Service under Rate Schedule FSS-M.

RETAINAGE PERCENTAGES

Transportation Retainage	2.128%
Transportation Retainage – FT-C 1/	0.886%
Gathering Retainage	0.886%
Storage Gas Loss Retainage	0.550%
Ohio Storage Gas Loss Retainage	0.998%
Columbia Processing Retainage 2/	0.000%

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

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

FUEL AND EPCR

F&LR 1/, 2/, 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	0.36%		1.21%	1.84%	2.31%	2.70%	3.15%	3.63%
	L		0.16%						
	1	0.47%		0.87%	1.54%	1.86%	2.28%	2.77%	3.16%
	2	1.87%		0.93%	0.15%	0.33%	0.64%	1.13%	1.53%
	3	2.31%		1.86%	0.33%	0.06%	0.91%	1.32%	1.76%
	4	2.70%		2.12%	0.93%	1.11%	0.34%	0.54%	0.97%
	5	3.15%		2.85%	1.13%	1.33%	0.54%	0.53%	0.69%
	6	3.76%		3.26%	1.53%	1.76%	0.91%	0.42%	0.19%

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ 5.85%

EPCR 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.0021		\$0.0082	\$0.0128	\$0.0159	\$0.0192	\$0.0218	\$0.0262
	L		\$0.0007						
	1	\$0.0029		\$0.0058	\$0.0106	\$0.0129	\$0.0161	\$0.0197	\$0.0226
	2	\$0.0128		\$0.0062	\$0.0007	\$0.0019	\$0.0042	\$0.0076	\$0.0104
	3	\$0.0159		\$0.0129	\$0.0019	\$0.0000	\$0.0061	\$0.0090	\$0.0120
	4	\$0.0192		\$0.0148	\$0.0062	\$0.0075	\$0.0020	\$0.0034	\$0.0065
	5	\$0.0218		\$0.0197	\$0.0076	\$0.0090	\$0.0034	\$0.0034	\$0.0045
	6	\$0.0262		\$0.0226	\$0.0104	\$0.0120	\$0.0060	\$0.0025	\$0.0009

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ \$0.0304

- 1/ Included in the above F&LR is the Losses component of the F&LR equal to 0.03%.
- 2/ For service that is rendered entirely by 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 0.03%.
- 3/ The F&LR's and EPCR's listed above are applicable to FT-A, FT-BH, FT-G, FT-GS, IT, and to the transportation component of FT-PS.
- 4/ The F&LR's and EPCR's determined pursuant to Article XXXVII of the General Terms and Conditions.
- 5/ The incremental F&LR and EPCR set forth above are applicable to a Shipper(s) utilizing capacity on the Broad Run Expansion Project – Market Component facilities, from any receipt point(s) to any delivery point(s) located on the project's transportation path. Any service provided to a Shipper(s) outside the project's transportation path shall be subject to the greater of the incremental F&LR and EPCR for the project or the applicable F&LR and EPCR for the applicable receipt(s) and delivery point(s) as shown in the rate matrices above. Included in the above F&LR is the Losses component of the F&LR equal to 0.03%.

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	6.0839	6.0839	0.2000
Minimum	0.000	0.000	0.000
Commodity			
Maximum	0.0118	0.0118	0.0118
Minimum	0.0118	0.0118	0.0118
Overrun			
Maximum	0.2118	0.2118	0.2118
Minimum	0.0118	0.0118	0.0118

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.

Date: September 5, 2024

ESO Contract Administration
COLUMBIA GAS OF KENTUCKY INC.
290 W. NATIONWIDE BLVD.
COLUMBUS, OH 43215

RE: Amendment No. 1 to
Gas Transportation Agreement
Dated November 1, 2019
Service Package No. 352324-FTATGP

Dear ESO Contract Administration:

TENNESSEE GAS PIPELINE COMPANY, L.L.C. and COLUMBIA GAS OF KENTUCKY INC. (COLUMBIA GAS OF KENTUCKY) agree to amend the Agreement effective November 1, 2024, to replace the Exhibit A that is attached to the Agreement with the updated Exhibit A that is attached hereto, in order to adjust the rates and extend the dates as reflected in such updated Exhibit A.

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

If the foregoing is in accordance with your understanding of our agreement, please so indicate by electronically executing this amendment in the space provided below.

Should you have any questions, please do not hesitate to contact me at 713-420-5213.

Best regards,

VERONICA ESPARZA
Sr. Account Representative
Transportation Services

Date: September 5, 2024

COLUMBIA GAS OF KENTUCKY INC.
Date: September 5, 2024
Page: 2
Contract number: 352324-FTATGP
Amendment number: 1
Amendment effective date: November 1, 2024

TENNESSEE GAS PIPELINE COMPANY, L.L.C.

BY: Mark Wilson
Agent and Attorney-in-Fact

COLUMBIA GAS OF KENTUCKY INC.

BY: ^{DocuSigned by:} karl Stanley
4E9CC2269327420...
karl Stanley

TITLE: VP Supply & Optimization

DATE: 9/13/2024 | 9:39 AM PDT

^{DS}
BS

9/13/2024 | 7:26 AM CDT

^{DS}
TR

9/13/2024 | 7:02 AM PDT

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

EXHIBIT A
AMENDMENT NO. 1
TO GAS TRANSPORTATION AGREEMENT
DATED November 1, 2019
BETWEEN
TENNESSEE GAS PIPELINE COMPANY, L.L.C.
AND
COLUMBIA GAS OF KENTUCKY INC.

Amendment Effective Date: November 1, 2024

Service Package: 352324-FTATGP

Service Package TQ: 16000 Dth

Beginning Date		Ending Date		TQ						
BEGINNING DATE	ENDING DATE	METER	METER NAME	INTERCONNECT PARTY NAME	COUNTY	ST	ZONE	R/D	LEG	METER-TQ
11/01/2024	10/31/2029	420999	POOLING PT - 500	TENNESSEE GAS PIPELINE	FORREST	MS	L	R	500	16000
11/01/2024	10/31/2029	400459	LEG - ZONE L COL GAS/TGP BROAD RUN COBB WV KANAW	COLUMBIA GAS TRNSMISSION	KANAWHA	WV	03	D	100	16000

Total Receipt TQ 16000

Total Delivery TQ 16000

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

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



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

August 29, 2024

Columbia Gas of Kentucky Inc.
290 W. Nationwide Blvd.
Columbus, OH 43215
Attention: Brad Stuck

RE: Discounted Rate Agreement ("Letter Agreement")
Rate Schedule FT-A Service Package No. 352324 ("Service Package")

Dear Brad:

In response to the request of Columbia Gas of Kentucky Inc. ("Shipper") and pursuant to Section 5.1 of Rate Schedule FT-A ("Rate Schedule FT-A") of Tennessee Gas Pipeline Company, L.L.C.'s ("Tennessee") FERC NGA Gas Tariff, as may be amended from time to time ("Tariff"), Tennessee hereby agrees to adjust its then applicable Rate Schedule FT-A transportation rates for the Service Package as set forth below. All capitalized terms that are used but not defined herein shall have the meanings ascribed to such terms in the Tariff or the gas transportation agreement associated with the Service Package (the "Gas Transportation Agreement"), as applicable. For the period commencing on November 1, 2024 and extending through October 31, 2029, the rate for service under the Service Package shall be adjusted as follows:

1. a) If Shipper attempts to apply this discount to any volumes and/or to any points not eligible for the discount and thereby fails to pay correctly invoiced amounts, then, if such failure is not cured within thirty days of provision of notice by Tennessee to Shipper of such failure, Tennessee shall have the right, in its sole discretion, to immediately terminate this Letter Agreement and/or to assess, from the date of such violation of the terms of discount, the applicable base rate on all transactions occurring under the Service Package for the month(s) in which such limits were exceeded.
- b) For transportation service from the primary receipt point(s) listed in Exhibit A to the Gas Transportation Agreement to the primary delivery point(s) listed in Exhibit A to the Gas Transportation Agreement, and for gas delivered by Tennessee on behalf of Shipper on a secondary basis to delivery meters 400459 - Col Gas/TGP Broad Run Cobb WV Kanaw, 460017 - Storage - Bear Creek, 420049 - Col Gas/TGP North Means KY Montgome, 420045 - Col Gas/TGP Mavity KY Boyd and/or 420079 - Col Gas/TGP Greenup KY Greenup; and for volumes received by Tennessee on a secondary basis from any Zone 1 or Zone L receipt meters under the applicable Rate Schedule FT-A transportation rates for service provided under the Service Package will be:
 - i) a monthly reservation rate equal to the lesser of: (a) A Monthly Reservation Rate of \$5.1708 per dth or (b) Tennessee's applicable Base Reservation Rate;

and

- ii) a daily commodity rate equal to Tennessee's applicable Base Commodity Rate. In addition to the reservation and commodity rates specified above, for deliveries to the "Dominion/TGP Broad Run Cornwell Kan" meter (#420044), Shipper shall pay an incremental daily reservation rate equal to \$ 0.0605 per Dth/day; provided, however, that Shipper's total obligation for monthly reservation charges and incremental daily reservation charges shall not exceed Tennessee's maximum applicable reservation rate, either on a daily or monthly basis.

These rates do not apply to all secondary receipts and deliveries in the Transportation Path, as defined in Tennessee's Tariff. In addition, Shipper shall also pay applicable ACA, F&LR and EPCR charges.

- c) Receipts from and/or deliveries to points other than those listed above during the term of this Letter Agreement shall result in Shipper being assessed Tennessee's Base Reservation Rate under Rate Schedule FT-A applicable to the primary path divided by the number of days in the month for the entire Gas Transportation Agreement TQ on the day(s) of such deliveries and Tennessee's applicable daily base Commodity Rates under Rate Schedule FT-A as well as the applicable ACA, F&LR and EPCR charges and all other applicable surcharges under Rate Schedule FT-A.
2. If any terms of this Letter Agreement are disallowed by any order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Tennessee may immediately terminate this Letter Agreement. If any terms of this Letter Agreement are in any way modified by order, rulemaking, regulation or policy of the Federal Energy Regulatory Commission, Tennessee and Shipper may mutually agree to amend this Letter 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 Letter Agreement.

If Shipper is interested in entering into this Letter Agreement for firm capacity in accordance with the terms proposed above, please have an authorized representative of Shipper execute this Letter Agreement and return it to the undersigned. This Letter Agreement will become binding upon the parties only after it 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 Letter Agreement is not returned via email on or before five working days from the date of this Letter Agreement, then this Letter Agreement is nullified, and Shipper will be billed Tennessee's maximum reservation and commodity rates under Rate Schedule FT-A for service under the Service Package.

Sincerely,

Adrienne M. Reid
Account Director

Service Agreement No. 302914

Revision No. 0

FTS-1 SERVICE AGREEMENT

THIS AGREEMENT is made and entered into this 27 day of August, 2024, by and between COLUMBIA GULF TRANSMISSION, LLC ("Transporter") and COLUMBIA GAS OF 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, 2024, and shall continue in full force and effect until March 31, 2025. Shipper and Transporter agree to avail themselves of the Commission's pre-granted abandonment authority upon termination of this Agreement, subject to any right of first refusal Shipper may have under the Commission's Regulations and Transporter's Tariff.

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

Section 4. Notices. Notices to Transporter under this Agreement shall be addressed to it at 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, Attention: Customer Services and notices to Shipper shall be addressed to it at Columbia Gas of Kentucky, Inc., 200 Civic Center Drive, P. O. Box 117, Columbus, OH 43216 0117, Attention: Columbia Gas Of Kentucky, Inc, until changed by either party by written notice.

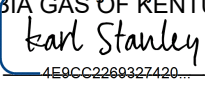
Section 5. Superseded Agreements. This Service Agreement supersedes and cancels, as of the effective date hereof, the following Service Agreement(s): N/A.

COLUMBIA GAS OF KENTUCKY, INC.

By Stacy Djukic
Title Manager Gas Scheduling and Confirmations
Date August 27, 2024

COLUMBIA GULF TRANSMISSION, LLC

By Madeline Bingamon
Title Manager
Date August 26, 2024

COLUMBIA GAS OF KENTUCKY, INC.
By  Karl Stanley
Title VP Supply & Optimization
Date 9/6/2024 | 4:52 AM PDT

 DS

9/4/2024 | 7:48 AM CDT

 DS

9/4/2024 | 6:04 AM PDT

Appendix A to Service Agreement No. 302914
 Under Rate Schedule FTS-1
 between Columbia Gulf Transmission, LLC ("Transporter")
 and Columbia Gas of Kentucky, Inc. ("Shipper").

Transportation Demand

<u>Begin Date</u>	<u>End Date</u>	<u>Transportation Demand Dth/day</u>	<u>Recurrence Interval</u>
11/01/2024	03/31/2025	5,500	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>
11/01/2024	03/31/2025	P20	MAINLINE POOL	5,500	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>
11/01/2024	03/31/2025	BYBEE	BYBEE	5,500	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.

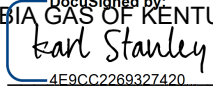
COLUMBIA GAS OF KENTUCKY, INC.

By Stacy Djukic
Title Manager Gas Scheduling and Confirmations
Date August 27, 2024

COLUMBIA GULF TRANSMISSION, LLC

By Madeline Bingamon
Title Manager
Date August 26, 2024

COLUMBIA GAS OF KENTUCKY, INC.

DocuSigned by:
 Karl Stanley Karl Stanley
By 4E9CC2269327420
Title VP Supply & Optimization
Date 9/6/2024 | 4:52 AM PDT

^{DS}


9/4/2024 | 7:48 AM CDT

^{DS}


9/4/2024 | 6:04 AM PDT

PROPOSED TARIFF SHEETS

CURRENTLY EFFECTIVE BILLING RATES

<u>SALES SERVICE</u>	<u>Base Rate</u>	<u>Gas Cost Adjustment^{1/}</u>		<u>Total</u>	
	<u>Charge</u>	<u>Demand</u>	<u>Commodity</u>	<u>Billing</u>	
	\$	\$	\$	\$	
<u>RATE SCHEDULE GSR</u>					
Customer Charge per billing period	19.75			19.75	
Delivery Charge per Mcf	5.2528	1.7230	3.0676	10.0434	I
<u>RATE SCHEDULE GSO</u>					
<u>Commercial or Industrial</u>					
Customer Charge per billing period	83.71			83.71	
Delivery Charge per Mcf -					
First 50 Mcf or less per billing period	3.2513	1.7230	3.0676	8.0419	I
Next 350 Mcf per billing period	2.5096	1.7230	3.0676	7.3002	I
Next 600 Mcf per billing period	2.3855	1.7230	3.0676	7.1761	I
Over 1,000 Mcf per billing period	2.1700	1.7230	3.0676	6.9606	I
<u>RATE SCHEDULE IS</u>					
Customer Charge per billing period	3982.30			3982.30	
Delivery Charge per Mcf					
First 30,000 Mcf per billing period	0.7093		3.0676 ^{2/}	3.7769	I
Next 70,000 Mcf per billing period	0.4378		3.0676 ^{2/}	3.5054	I
Over 100,000 Mcf per billing period	0.2423		3.0676 ^{2/}	3.3099	I
Firm Service Demand Charge					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		10.4374		10.4374	I
<u>RATE SCHEDULE IUS</u>					
Customer Charge per billing period	945.24			945.24	
Delivery Charge per Mcf					
For All Volumes Delivered	1.1959	1.7230	3.0676	5.9865	I

^{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 \$5.5175 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.

DATE OF ISSUE October 25, 2024

DATE EFFECTIVE November 26, 2024 (Unit 1 December)

ISSUED BY /s/ Kimra H. Cole

TITLE President & Chief Operating Officer

**CURRENTLY EFFECTIVE BILLING RATES
(Continued)**

<u>TRANSPORTATION SERVICE</u>	<u>Base Rate Charge</u> \$	<u>Gas Cost Adjustment^{1/} Demand</u> \$	<u>Commodity</u> \$	<u>Total Billing Rate</u> \$	
<u>RATE SCHEDULE SS</u>					
Standby Service Demand Charge per Mcf					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		10.4374		10.4374	
Standby Service Commodity Charge per Mcf			3.0676	3.0676	
<u>RATE SCHEDULE DS</u>					
Customer Charge per billing period ^{2/}				3982.30	
Customer Charge per billing period (GDS only)				83.71	
Customer Charge per billing period (IUDS only)				945.24	
<u>Delivery Charge per Mcf^{2/}</u>					
First 30,000 Mcf	0.7093			0.7093	
Next 70,000 Mcf	0.4378			0.4378	
Over 100,000 Mcf	0.2423			0.2423	
– Grandfathered Delivery Service					
First 50 Mcf or less per billing period				3.2513	
Next 350 Mcf per billing period				2.5096	
Next 600 Mcf per billing period				2.3855	
All Over 1,000 Mcf per billing period				2.1700	
– Intrastate Utility Delivery Service					
All Volumes per billing period				1.1959	
Banking and Balancing Service					
Rate per Mcf		0.0369		0.0369	
<u>RATE SCHEDULE MLDS</u>					
Customer Charge per billing period				260.11	
Delivery Charge per Mcf				0.0867	
Banking and Balancing Service					
Rate per Mcf		0.0369		0.0369	

^{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.

DATE OF ISSUE October 25, 2024
DATE EFFECTIVE November 26, 2024 (Unit 1 December)
ISSUED BY /s/ 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	19.75
Delivery Charge per Mcf	5.2528

General Service Other - Commercial or Industrial (SVGTS GSO)

Customer Charge per billing period	83.71
Delivery Charge per Mcf -	
First 50 Mcf or less per billing period	3.2513
Next 350 Mcf per billing period	2.5096
Next 600 Mcf per billing period	2.3855
Over 1,000 Mcf per billing period	2.1700

Intrastate Utility Service

Customer Charge per billing period	945.24
Delivery Charge per Mcf	\$ 1.1959

Billing Rate

Actual Gas Cost Adjustment ^{1/}

For all volumes per billing period per Mcf	(\$0.5518)	R
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RATE SCHEDULE SVAS

Balancing Charge – per Mcf	\$1.2231	I
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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.

DATE OF ISSUE	October 25, 2024
DATE EFFECTIVE	November 26, 2024 (Unit 1 December)
ISSUED BY	/s/ Kimra H. Cole
TITLE	President & Chief Operating Officer

TENNESSEE GAS PIPELINE COMPANY, L.L.C.

COLUMBIA GAS OF KENTUCKY INC.

AGREED TO AND ACCEPTED
THIS 9th DAY OF September, 2024.

By: Mark Wilson

Name: Mark Wilson

Title: Vice President, Commercial

AGREED TO AND ACCEPTED
THIS 9th DAY OF September, 2024.

By: Karl Stanley
DocuSigned by: Karl Stanley
4E9CC2269327420...

Name: Karl Stanley

Title: VP Supply & Optimization

9/13/2024 | 9:39 AM PDT

DS
BS

9/13/2024 | 7:26 AM CDT

DS
TR

9/13/2024 | 7:02 AM PDT