

**BEFORE THE
PUBLIC SERVICE COMMISSION
OF KENTUCKY**

COLUMBIA GAS OF KENTUCKY, INC.

CASE 2022 – 00360

**GAS COST ADJUSTMENT AND REVISED RATES OF
COLUMBIA GAS OF KENTUCKY, INC. PROPOSED TO BECOME
EFFECTIVE UNIT 1 DECEMBER 2022 BILLINGS (NOVEMBER 29, 2022)**

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

Line <u>No.</u>	Sep 22 <u>CURRENT</u>	Dec 22 <u>PROPOSED</u>	<u>DIFFERENCE</u>
1 Commodity Cost of Gas	\$5.6700	\$5.8660	\$0.1960
2 Demand Cost of Gas	<u>\$1.7087</u>	<u>\$1.7090</u>	<u>\$0.0003</u>
3 Total: Expected Gas Cost (EGC)	\$7.3787	\$7.5750	\$0.1963
4 SAS Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
5 Balancing Adjustment	(\$0.0116)	(\$0.0107)	\$0.0009
6 Supplier Refund Adjustment	(\$0.3491)	(\$0.3491)	\$0.0000
7 Actual Cost Adjustment	\$2.4388	\$2.2148	(\$0.2240)
8 Performance Based Rate Adjustment	<u>\$0.3314</u>	<u>\$0.3314</u>	<u>\$0.0000</u>
9 Cost of Gas to Tariff Customers (GCA)	\$9.7882	\$9.7614	(\$0.0268)
10 Banking and Balancing Service	\$0.0331	\$0.0332	\$0.0001
11 Rate Schedule FI and GSO			
12 Customer Demand Charge	\$9.1333	\$9.1333	\$0.0000

Columbia Gas of Kentucky, Inc.
Gas Cost Adjustment Clause
Gas Cost Recovery Rate
Dec 22 - Feb 23

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Expires</u>
1	Expected Gas Cost (EGC)	Schedule No. 1	\$7.5750 Unit 21 February (02-28-2023)
2	Total Actual Cost Adjustment (ACA)	Schedule No. 2	\$2.2148
	Case No. 2022-00026	\$0.9017	Unit 21 February (02-28-2023)
	Case No. 2022-00127	(\$0.5415)	Unit 21 May (05-30-2023)
	Case No. 2022-00237	\$1.5310	Unit 21 August (08-28-2023)
	Case No. 2022-00360	\$0.3236	Unit 21 November (11-28-2023)
3	Total Supplier Refund Adjustment (RA)	Schedule No. 4	Case No. 2022-00127 (\$0.3491)
4	Balancing Adjustment (BA)	Schedule No. 3	Case No. 2022-00360 (\$0.0107) Unit 21 February (02-28-2023)
5	Performance Based Rate Adjustment (PBRA)	Schedule No. 6	Case No. 2022-00127 \$0.3314 Unit 21 May (05-30-2023)
6	Gas Cost Adjustment		
7	Dec 22 - Feb 23		<u>\$9.7614</u>
8	Expected Demand Cost (EDC) per Mcf		
9	(Applicable to Rate Schedule IS/SS and GSO)	Schedule No. 1, Sheet 4	<u>\$9.1333</u>

DATE FILED: October 28, 2022

BY: J. M. Cooper

Columbia Gas of Kentucky, Inc.
Expected Gas Cost for Sales Customers
Dec 22 - Feb 23

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			(5,384,605)		\$0.0153	\$82,384
2	Injection			11,782		\$0.0153	\$180
3	Withdrawals: gas cost includes pipeline fuel and commodity charges			5,372,823		\$5.0902	\$27,348,741
Total							
4	Volume	Line 3		5,372,823			
5	Cost	Line 1 + Line 2 + Line 3					\$27,431,305
6	Summary	Line 4 or Line 5		5,372,823			\$27,431,305
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		1,683,506			\$8,619,551
8	Appalachian Supplies	Sch.1, Sht. 6, Ln. 4		120,127			\$674,749
9	Less Fuel Retention By Interstate Pipelines	Sch. 1,Sheet 7, Lines 21, 22		(156,112)			(\$593,872)
10	Total	Line 7 + Line 8 + Line 9		1,647,521			\$8,700,428
Total Supply							
11	At City-Gate	Line 6 + Line 10		7,020,343			\$36,131,733
Lost and Unaccounted For							
12	Factor					-0.3%	
13	Volume	Line 11 * Line 12		(21,061)			
14	At Customer Meter	Line 11 + Line 13	6,357,204	6,999,282			
15	Less: Right-of-Way Contract Volume			1,691			
16	Sales Volume	Line 14-Line 15	6,355,513				
Unit Costs \$/MCF							
Commodity Cost							
17	Excluding Cost of Pipeline Retention	Line 11 / Line 16				\$5.6851	
18	Annualized Unit Cost of Retention	Sch. 1,Sheet 7, Line 24				<u>\$0.1559</u>	
19	Including Cost of Pipeline Retention	Line 17 + Line 18				\$5.8410	
20	Uncollectible Ratio	CN 2021-00183				<u>0.00428000</u>	
21	Gas Cost Uncollectible Charge	Line 19 * Line 20				<u>\$0.0250</u>	
22	Total Commodity Cost	Line 19 + Line 21				\$5.8660	
23	Demand Cost	Sch.1, Sht. 2, Line 10				<u>\$1.7090</u>	
24	Total Expected Gas Cost (EGC)	Line 22 + Line 23				\$7.5750	

A/ BTU Factor = 1.1010 Dth/MCF

Columbia Gas of Kentucky, Inc.
GCA Unit Demand Cost
Dec 22 - Feb 23

Schedule No. 1
Sheet 2

<u>Line No.</u>	<u>Description</u>	<u>Reference</u>	<u>Cost</u>
1	Expected Demand Cost: Annual Dec 22 - Feb 23	Sch. No.1, Sheet 3, Ln. 11	\$24,289,278
2	Less Rate Schedule IS/SS and GSO Customer Demand Charge Recovery	Sch. No.1, Sheet 4, Ln. 10	(\$117,885)
3	Less Storage Service Recovery from Delivery Service Customers		<u>(\$339,145)</u>
4	Net Demand Cost Applicable	Line 1 + Line 2 + Line 3	\$23,832,248
	Projected Annual Demand: Sales + Choice		
	At city-gate		
	In Dth		15,403,542 Dth
	Heat content		1.1010 Dth/MCF
5	In MCF		13,990,501 MCF
	Lost and Unaccounted - For		
6	Factor		0.3%
7	Volume	Line 5 x Line 6	41,972 MCF
8	Right of way Volumes		<u>3,014 MCF</u>
9	At Customer Meter	Line 5 - Line 7 - Line 8	<u>13,945,515 MCF</u>
10	Unit Demand Cost -- To Sheet 1, Line 23	Line 4 / Line 9	\$1.7090 per MCF

Columbia Gas of Kentucky, Inc.
Annual Demand Cost of Interstate Pipeline Capacity
 Dec 22 - Nov 23

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)	10,703,880	\$0.0467	12	\$5,998,454
2	FSS Max Daily Storage Quantity (MDSQ)	209,880	\$2.5920	12	\$6,528,108
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	\$9.8530	12	\$2,366,375
6	Firm Transportation Service (FTS)	5,124	\$9.8530	12	\$605,841
7	Subtotal -- Sum of Lines 1 through 6				\$23,403,908
Tennessee Gas					
8	Firm Transportation	16,000	\$4.6113	12	\$885,370
9	Total -- Sum of Lines 7 through 11 -- To Sheet 2, line 1				\$24,289,278

Gas Cost Adjustment Clause

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

Dec 22 - Nov 23

Line No.	Description	Capacity			Units	Annual Cost
		Daily	# Months	Annualized		
		Dth		Dth		
		(1)	(2)	(3)		(3)
				= (1) x (2)		
1	Expected Demand Costs (Per Sheet 3)					\$24,289,278
	City-Gate Capacity:					
	Columbia Gas Transmission					
2	Firm Storage Service - FSS	209,880	12	2,518,560		
3	Firm Transportation Service - FTS	25,138	12	301,656		
4	Total -- Sum of Lines 2 through 4			2,820,216	Dth	
5	Divided by Average BTU Factor			1.101	Dth/MCF	
6	Total Capacity - Annualized -- Line 5 / Line 6			2,561,504	Mcf	
7	Monthly Unit Expected Demand Cost (EDC) of Daily Capacity Applicable to Rate Schedules IS/SS and GSO -- Line 1 / Line 7			\$9.4824	/Mcf	
8	Firm Volumes of IS/SS and GSO Customers	1,036	12	12,432	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	\$117,885
10	Twelve Month Adjustment to Expected Demand Cost to include Refund Adjustment from Schedule 4, Case No. 2022-00127			(\$0.3491)		
11	Rate Schedule IS/SS and GSO Customers Standby Service Demand Charge			\$9.1333		

Columbia Gas of Kentucky, Inc.
Non-Appalachian Supply: Volume and Cost
Dec 22 - Feb 23

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 22	578,367	\$2,821,321		0	578,367	
2	Jan-23	581,343	\$3,074,476		0	581,343	
3	Feb-23	523,796	\$2,721,625		0	523,796	
4	Total -- Sum of Lines 1 through 3	1,683,506	\$8,617,422	\$5.12	0	1,683,506	\$8,619,551

A/ Gross, before retention.

Columbia Gas of Kentucky, Inc.
Appalachian Supply: Volume and Cost
Dec 22 - Feb 23

Schedule No. 1
Sheet 6

<u>Line</u> <u>No.</u>	<u>Month</u>	<u>Dth</u> (2)	<u>Cost</u> (3)
1	Dec 22	35,687	\$195,277
2	Jan-23	46,143	\$265,505
3	Feb-23	38,297	\$213,966
4	Total -- Sum of Lines 1 through 3	120,127	\$674,749

Columbia Gas of Kentucky, Inc.
Annualized Unit Charge for Gas Retained by Upstream Pipelines
Dec 22 - Feb 23

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.

Line No.	Description	Units					Annual
			Dec 22 - Feb 23	Mar 23 - May 23	Jun 23 - Aug 23	Sep 23 - Nov 23	Dec 22 - Nov 23
Gas purchased by CKY for the remaining sales customers							
1	Volume	Dth	1,803,633	3,837,857	5,280,952	2,511,800	13,434,242
2	Commodity Cost Including Transportation		\$9,292,170	\$14,425,157	\$18,890,300	\$8,498,114	\$51,105,741
3	Unit cost	\$/Dth					\$3.8041
Consumption by the remaining sales customers							
4	At city gate	Dth	7,020,343	2,751,418	667,639	2,121,604	12,561,004
5	Lost and unaccounted for portion At customer meters		0.30%	0.30%	0.30%	0.30%	
6	In Dth = (100% - Line 5) x Line 4	Dth	6,999,282	2,743,164	665,636	2,115,239	12,523,321
7	Heat content	Dth/MCF	1.1010	1.1010	1.1010	1.1010	
8	In MCF = Line 6 / Line 7	MCF	6,357,204	2,491,520	604,574	1,921,198	11,374,496
9	Portion of annual -- Line 8 / Annual		55.9%	21.9%	5.3%	16.9%	100.0%
Gas retained by upstream pipelines							
10	Volume	Dth	156,112	113,400	118,034	78,493	466,039
Cost							
11	Quarterly -- Deduct from Sheet 1 -- Line 3 x Line 10		To Sheet 1, line 9 \$593,872	\$431,390	\$449,018	\$298,598	\$1,772,878
12	Allocated to quarters by consumption		\$991,039	\$388,260	\$93,963	\$299,616	\$1,772,878
13	Annualized unit charge -- Line 12 / Line 8	\$/MCF	To Sheet 1, line 18 \$0.1559	\$0.1558	\$0.1554	\$0.1560	\$0.1559

COLUMBIA GAS OF KENTUCKY, INC.

Schedule No. 1

Sheet 8

**DETERMINATION OF THE BANKING AND
BALANCING CHARGE
FOR THE PERIOD BEGINNING UNIT 1 DECEMBER 2022 (NOVEMBER 29, 2022)**

<u>Line No.</u>	<u>Description</u>	<u>Dth</u>	<u>Detail</u>	<u>Amount For Transportation Customers</u>
1	Total Storage Capacity -- From Sheet 3, Line 2	10,703,880		
2	Net Transportation Volume	11,259,044		
3	Contract Tolerance Level @ 5%	562,952		
4	Percent of Annual Storage Applicable to Transportation Customers		5.26%	
6	Seasonal Contract Quantity (SCQ)			
7	Rate		\$0.0467	
8	SCQ Charge - Annualized		<u>\$5,998,454</u>	
9	Amount Applicable To Transportation Customers			\$315,519
10	FSS Injection and Withdrawal Charge			
11	Rate		0.0306	
12	Total Cost		<u>\$327,539</u>	
13	Amount Applicable To Transportation Customers			\$17,229
14	SST Commodity Charge			
15	Rate		0.0129	
16	Projected Annual Storage Withdrawal, Dth		9,427,124	
17	Total Cost		<u>\$121,610</u>	
18	Amount Applicable To Transportation Customers			\$6,397
19	Total Cost Applicable To Transportation Customers			<u>\$339,145</u>
20	Total Transportation Volume - Mcf			17,190,698
21	Flex and Special Contract Transportation Volume - Mcf			(6,964,500)
22	Net Transportation Volume - Mcf -- Line 20 + Line 21			10,226,198
23	Banking and Balancing Rate - Mcf -- Line 19 / Line 22 - To Line 11 of the GCA Comparison			<u>\$0.0332</u>

**DETAIL SUPPORTING
DEMAND/COMMODITY SPLIT**

COLUMBIA GAS OF KENTUCKY

CASE NO. 2022-00360 Effective Unit 1 December 2022 Billing Cycle (November 29, 2022)

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)	\$1.7090
Demand ACA (Schedule No. 2, Sheet 1, Case No. 2022-00026, Case No. 2022-00127, Case No. 2022-00237 & Case No. 2022-00360)	(\$0.0128)
Refund Adjustment (Schedule No. 4, Case No. 2022-00127)	<u>(\$0.3491)</u>
Total Demand Rate per Mcf	\$1.3471
 Commodity Component of Gas Cost Adjustment	
Commodity Cost of Gas (Schedule No. 1, Sheet 1, Line 22)	\$5.8660
Demand ACA (Schedule No. 2, Sheet 1, Case No. 2022-00026, Case No. 2022-00127, Case No. 2022-00237 & Case No. 2022-00360)	\$2.2276
Balancing Adjustment	(\$0.0107)
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2022-00127)	<u>\$0.3314</u>
Total Commodity Rate per Mcf	\$8.4143
 CHECK	\$1.3471
 COST OF GAS TO TARIFF CUSTOMERS (GCA)	<u>\$8.4143</u>
	\$9.7614
 Calculation of Rate Schedule SVGTS - Actual Gas Cost Adjustment	
Demand ACA (Schedule No. 2, Sheet 1, Case No. 2022-00026, Case No. 2022-00127, Case No. 2022-00237 & Case No. 2022-00360)	\$2.2276
Balancing Adjustment	(\$0.0107)
Refund Adjustment (Schedule No. 4, Case No. 2022-00127)	(\$0.3491)
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2022-00127)	<u>\$0.3314</u>
Total Commodity Rate per Mcf	<u><u>\$2.1992</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, 2022

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 2022	267,631	24	267,607	\$8.5241	\$2,281,105	\$9,702	(\$1,858)	\$2,292,665	\$4,925,040	\$2,632,375
2	July 2022	206,076	0	206,076	\$8.5514	\$1,762,231	\$9,493	(\$2,741)	\$1,774,465	(\$703,336)	(\$2,477,801)
3	August 2022	222,039	0	222,039	\$8.5625	\$1,901,208	\$9,457	(\$2,741)	\$1,913,406	\$5,864,433	\$3,951,027
4	TOTAL	695,745	24	695,721		\$5,944,544	\$28,653	(\$7,340)	\$5,980,536	\$10,086,137	\$4,105,600
5	Off-System Sales										(\$437,205)
6	Capacity Release										\$0
7	TOTAL (OVER)/UNDER-RECOVERY										<u>\$3,668,395.06</u>
8	Demand Revenues Received										\$1,219,346
9	Demand Cost of Gas										<u>\$4,253,873</u>
10	Demand (Over)/Under Recovery										<u>\$3,034,527</u>
11	Expected Sales Volumes for the Twelve Months End November 30, 2023										<u>11,371,479</u>
12	DEMAND ACA TO EXPIRE UNIT 21 NOVEMBER (NOVEMBER 28, 2023)										\$0.2669
13	Commodity Revenues Received										\$4,761,190
14	Commodity Cost of Gas										<u>\$5,395,058</u>
15	Commodity (Over)/Under Recovery										\$633,869
16	Gas Cost Uncollectible ACA										<u>\$10,980</u>
17	Total Commodity (Over)/Under Recovery										<u>\$644,849</u>
18	Expected Sales Volumes for the Twelve Months End November 30, 2023										<u>11,371,479</u>
19	COMMODITY ACA TO EXPIRE UNIT 21 NOVEMBER (NOVEMBER 28, 2023)										\$0.0567
20	TOTAL ACA TO EXPIRE UNIT 21 NOVEMBER (NOVEMBER 28, 2023)										<u>\$0.3236</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, 2022**

LINE NO.	<u>MONTH</u>	SS Commodity <u>Volumes</u> (1) Mcf	Average SS Recovery <u>Rate</u> (2) \$/Mcf	SS Commodity <u>Recovery</u> (3) \$
1	June 2022	24	\$3.7638	\$90
2	July 2022	0	\$0.0000	\$0
3	August 2022	0	\$0.0000	\$0
4	Total SS Commodity Recovery			<u>\$90</u>

LINE NO.	<u>MONTH</u>	SS Demand <u>Volumes</u> (1) Mcf	Average SS Demand <u>Rate</u> (2) \$/Mcf	SS Demand <u>Recovery</u> (3) \$
5	June 2022	1,040	\$9.2423	\$9,612
6	July 2022	1,040	\$9.1283	\$9,493
7	August 2022	1,036	\$9.1283	\$9,457
8	Total SS Demand Recovery			<u>\$28,562</u>
9	TOTAL SS AND GSO RECOVERY			<u><u>\$28,653</u></u>

Columbia Gas of Kentucky, Inc.
Gas Cost Uncollectible Charge - Actual Cost Adjustment
BASED ON THE THREE MONTHS ENDED August 31, 2022

Line No.	<u>Class</u>	<u>Jun-22</u>	<u>Jul-22</u>	<u>Aug-22</u>	<u>Total</u>
1	Actual Cost	\$ 32,728	\$ (42,651)	\$ 41,210	\$ 31,287
2	Actual Recovery	<u>\$ 7,809</u>	<u>\$ 6,015</u>	<u>\$ 6,483</u>	<u>\$ 20,306</u>
3	(Over)/Under Activity	\$ 24,919	\$ (48,666)	\$ 34,727	\$ 10,980

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, 2022 - FEBRUARY 28, 2023)**

<u>Line</u>	<u>Description</u>	<u>Detail</u>	<u>Amount</u>
<u>No.</u>		\$	\$
1	<u>RECONCILIATION OF A PREVIOUS BALANCING ADJUSTMENT</u>		
2	Total adjustment to have been collected from		
3	customers in Case No. 2022-00127	\$24,280	
4	Less: actual amount distributed	<u>\$27,094</u>	
5	REMAINING AMOUNT		(\$2,813)
6	<u>RECONCILIATION OF PREVIOUS ACTUAL COST ADJUSTMENT</u>		
7	Total adjustment to have been distributed to		
8	customers in Case No. 2021-00308	(\$3,079,182)	
9	Less: actual amount distributed	<u>(\$3,014,215)</u>	
10	REMAINING AMOUNT		<u>(\$64,968)</u>
11	TOTAL BALANCING ADJUSTMENT AMOUNT		<u>(\$67,781)</u>
12	Divided by: projected sales volumes for the three months		
13	ended February 28, 2023		6,355,203
14			
15	BALANCING ADJUSTMENT (BA)		<u>\$ (0.0107)</u>

Columbia Gas of Kentucky, Inc.
Balancing Adjustment
Supporting Data

Case No. 2022-00127

Expires: September 30, 2022

	<u>Volume</u>	<u>Surcharge Rate</u>	<u>Surcharge Amount</u>	<u>Surcharge Balance</u>
Beginning Balance				\$24,280
June 2022	258,101	\$0.0403	\$10,400	\$13,880
July 2022	197,955	\$0.0403	\$7,977	\$5,903
August 2022	215,509	\$0.0403	\$8,684	(\$2,781)
September 2022	808	\$0.0403	\$33	(\$2,813)

TOTAL SURCHARGE COLLECTED

SUMMARY:

SURCHARGE AMOUNT	\$24,280
AMOUNT COLLECTED	<u>\$27,094</u>
REMAINING BALANCE	<u><u>(\$2,813)</u></u>

Columbia Gas of Kentucky, Inc.
Actual Cost Adjustment YR2021 QTR2
Supporting Data

Case No. 2021-00308

Expires: September 30, 2022

	Tariff		Choice			Refund Balance	
	Volume	Refund Rate	Refund Amount	Volume	Refund Rate		Refund Amount
						(\$3,079,182)	
Sep-21	205,512	(\$0.2736)	(\$56,228)	1,915	(\$0.2188)	(\$419)	(\$3,022,535)
Oct-21	247,470	(\$0.2736)	(\$67,708)	2,146	(\$0.2188)	(\$469)	(\$2,954,358)
Nov-21	688,941	(\$0.2736)	(\$188,494)	2,533	(\$0.2188)	(\$554)	(\$2,765,309)
Dec-21	1,558,833	(\$0.2736)	(\$426,497)	4,735	(\$0.2188)	(\$1,036)	(\$2,337,777)
Jan-22	1,890,710	(\$0.2736)	(\$517,298)	4,413	(\$0.2188)	(\$966)	(\$1,819,513)
Feb-22	2,594,836	(\$0.2736)	(\$709,947)	6,081	(\$0.2188)	(\$1,331)	(\$1,108,235)
Mar-22	1,501,358	(\$0.2736)	(\$410,771)	4,297	(\$0.2188)	(\$940)	(\$696,523)
Apr-22	1,128,387	(\$0.2736)	(\$308,727)	3,102	(\$0.2188)	(\$679)	(\$387,118)
May-22	501,990	(\$0.2736)	(\$137,344)	2,515	(\$0.2188)	(\$550)	(\$249,223)
Jun-22	258,576	(\$0.2736)	(\$70,746)	1,280	(\$0.2188)	(\$280)	(\$178,197)
Jul-22	196,637	(\$0.2736)	(\$53,800)	1,318	(\$0.2188)	(\$288)	(\$124,108)
Aug-22	214,714	(\$0.2736)	(\$58,746)	795	(\$0.2188)	(\$174)	(\$65,189)
Sep-22	808	(\$0.2736)	(\$221)	-	(\$0.2188)	\$0	(\$64,968)

SUMMARY:

REFUND AMOUNT (3,079,182)

LESS

AMOUNT REFUNDED (3,014,215)

TOTAL REMAINING REFUND (64,968)

INVOICES
SCHEDULE NO. 7

Columbia Gas of Kentucky
Cost of Gas Purchased - Support
For the month ended June 30, 2022

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	<u>Cost of Gas Purchased</u>	\$ 4,925,040	Schedule 2, Sheet 1, Line 1, Column 9
2	Current Month Purchases Estimate	\$ 17,371,911	
3	Current Month Storage	\$ (11,939,910)	
4	Current Month Other Gas Cost Adjustments	\$ (427,333)	
5	Reversal of Prior Month Purchases Estimate	\$ (16,441,282)	
6	Actual Invoices for the Prior Month	<u>\$ 16,361,654</u>	
7	Total	<u>\$ 4,925,040</u>	
8	Verification	\$ (0)	

Columbia Gas of Kentucky
Cost of Gas Purchased - Support
For the month ended July 31, 2022

Schedule 7-072022
Sheet 1

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	<u>Cost of Gas Purchased</u>	\$ (703,336)	Schedule 2, Sheet 1, Line 2, Column 9
2	Current Month Purchases Estimate	\$ 10,387,151	
3	Current Month Storage	\$ (10,663,312)	
4	Current Month Other Gas Cost Adjustments	\$ (373,612)	
5	Reversal of Prior Month Purchases Estimate	\$ (17,371,911)	
6	Actual Invoices for the Prior Month	<u>\$ 17,318,348</u>	
7	Total	<u>\$ (703,336)</u>	
8	Verification	\$ -	

Columbia Gas of Kentucky
Cost of Gas Purchased - Support
For the month ended August 31, 2022

Schedule 7-082022
Sheet 1

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	<u>Cost of Gas Purchased</u>	\$ 5,864,433	Schedule 2, Sheet 1, Line 3, Column 9
2	Current Month Purchases Estimate	\$ 15,130,985	
3	Current Month Storage	\$ (9,774,831)	
4	Current Month Other Gas Cost Adjustments	\$ 547,875	
5	Reversal of Prior Month Purchases Estimate	\$ (10,387,151)	
6	Actual Invoices for the Prior Month	<u>\$ 10,347,555</u>	
7	Total	<u>\$ 5,864,433</u>	
8	Verification	\$ 0	

USAGE

SCHEDULE NO. 8

Columbia Gas of Kentucky Inc
GAAP
Summary of MCF as of Jun 2022 through Aug 2022

<u>Line No.</u>	<u>Sales Volumes</u>	<u>June</u>	<u>July</u>	<u>August</u>
1	Gas Residential - Billed	122,633	96,113	91,454
2	Gas Commercial - Billed	134,051	101,603	117,601
3	Gas Industrial - Billed	10,586	8,081	12,693
4	<u>10~Sales for Resale-Gas</u>	<u>360</u>	<u>279</u>	<u>292</u>
5	<u>Total</u>	<u>267,631</u>	<u>206,076</u>	<u>222,039</u>
6	ACA (Schedule 2, Sheet 1, Column 1)	267,631	206,076	222,039
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	\$	9.046	0.401	0.061	0.209	0.136	9.853	0.3240
Maximum	¢	0.62	0.12	0.40	0.00	0.00	1.14	1.14
Minimum	¢	0.62	0.12	0.40	0.00	0.00	1.14	1.14
Overrun								
Maximum	¢	30.36	1.44	0.60	0.69	0.45	33.54	33.54
Minimum	¢	0.62	0.12	0.40	0.00	0.00	1.14	1.14

- 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	\$	8.927	0.401	0.061	0.209	0.136	9.734	0.3201
Maximum	¢	0.62	0.12	0.40	0.00	0.00	1.14	1.14
Minimum	¢	0.62	0.12	0.40	0.00	0.00	1.14	1.14
Overrun 4/								
Maximum	¢	29.97	1.44	0.60	0.69	0.45	33.15	33.15
Minimum	¢	0.62	0.12	0.40	0.00	0.00	1.14	1.14

- 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	\$	2.481	-	-	0.111	2.592	0.0852
Capacity	¢	4.47	-	-	0.20	4.67	4.67
Injection	¢	1.53	-	-	0.00	1.53	1.53
Withdrawal	¢	1.53	-	-	0.00	1.53	1.53
Overrun	¢	15.69	-	-	0.56	16.25	16.25

- 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/ 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	1.831%
Transportation Retainage – FT-C 1/	0.423%
Gathering Retainage	0.423%
Storage Gas Loss Retainage	0.436%
Ohio Storage Gas Loss Retainage	0.450%
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.

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES
 RATE SCHEDULE FOR FT-A

Base Reservation Rates	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$4.7485		\$9.92300	\$13.3478	\$13.5840	\$14.9261	\$15.8434	\$19.8779
	L		\$4.2156						
	1	\$7.1485		\$6.8524	\$9.1192	\$12.9182	\$12.7224	\$14.3480	\$17.6429
	2	\$13.3479		\$9.0644	\$4.7144	\$4.4071	\$5.6390	\$7.7558	\$10.0118
	3	\$13.5840		\$7.1799	\$4.7525	\$3.4286	\$5.2666	\$9.5251	\$11.0065
	4	\$17.2471		\$15.9003	\$6.0594	\$9.2085	\$4.5075	\$4.8747	\$6.9640
	5	\$20.5647		\$14.4505	\$6.3563	\$7.6911	\$5.0074	\$4.6970	\$6.1147
	6	\$23.7895		\$16.5974	\$11.4230	\$12.5841	\$8.8889	\$4.6763	\$4.0480

Daily Base Reservation Rate 1/	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.1561		\$0.3262	\$0.4388	\$0.4466	\$0.4907	\$0.5209	\$0.6535
	L		\$0.1386						
	1	\$0.2350		\$0.2253	\$0.2998	\$0.4247	\$0.4183	\$0.4717	\$0.5800
	2	\$0.4388		\$0.2980	\$0.1550	\$0.1449	\$0.1854	\$0.2550	\$0.3292
	3	\$0.4466		\$0.2361	\$0.1562	\$0.1127	\$0.1731	\$0.3132	\$0.3619
	4	\$0.5670		\$0.5227	\$0.1992	\$0.3027	\$0.1482	\$0.1603	\$0.2290
	5	\$0.6761		\$0.4751	\$0.2090	\$0.2529	\$0.1646	\$0.1544	\$0.2010
	6	\$0.7821		\$0.5457	\$0.3756	\$0.4137	\$0.2922	\$0.1537	\$0.1331

Maximum Reservation Rates 2 /, 3 /	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$4.7973		\$9.9718	\$13.3966	\$13.6328	\$14.9749	\$15.8922	\$19.9267
	L		\$4.2644						
	1	\$7.1973		\$6.9012	\$9.1680	\$12.9670	\$12.7712	\$14.3968	\$17.6917
	2	\$13.3967		\$9.1132	\$4.7632	\$4.4559	\$5.6878	\$7.8046	\$10.0606
	3	\$13.6328		\$7.2287	\$4.8013	\$3.4774	\$5.3154	\$9.5739	\$11.0553
	4	\$17.2959		\$15.9491	\$6.1082	\$9.2573	\$4.5563	\$4.9235	\$7.0128
	5	\$20.6135		\$14.4993	\$6.4051	\$7.7399	\$5.0562	\$4.7458	\$6.1635
	6	\$23.8383		\$16.6462	\$11.4718	\$12.6329	\$8.9377	\$4.7251	\$4.0968

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0488.

RATES PER DEKATHERM

COMMODITY RATES
 RATE SCHEDULE FOR FT-A

Base
 Commodity Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2286	\$0.2182	\$0.2597
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.1944	\$0.1983	\$0.2264
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0629	\$0.1009	\$0.1118
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0841	\$0.1164	\$0.1271
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0389	\$0.0550	\$0.0892
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0548	\$0.0543	\$0.0674
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0843	\$0.0457	\$0.0277

Minimum
 Commodity Rates 1/, 2/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.0250	\$0.0284	\$0.0346
L		\$0.0012						
1	\$0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.0210	\$0.0256	\$0.0300
2	\$0.0167		\$0.0087	\$0.0012	\$0.0028	\$0.0056	\$0.0100	\$0.0143
3	\$0.0207		\$0.0169	\$0.0026	\$0.0002	\$0.0081	\$0.0118	\$0.0163
4	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
5	\$0.0284		\$0.0256	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0066
6	\$0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0086	\$0.0041	\$0.0020

Maximum
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0051		\$0.0134	\$0.0196	\$0.0238	\$0.2305	\$0.2201	\$0.2616
L		\$0.0031						
1	\$0.0061		\$0.0100	\$0.0166	\$0.0198	\$0.1963	\$0.2002	\$0.2283
2	\$0.0186		\$0.0106	\$0.0031	\$0.0047	\$0.0648	\$0.1028	\$0.1137
3	\$0.0226		\$0.0188	\$0.0045	\$0.0021	\$0.0860	\$0.1183	\$0.1290
4	\$0.0269		\$0.0224	\$0.0106	\$0.0124	\$0.0408	\$0.0569	\$0.0911
5	\$0.0303		\$0.0275	\$0.0119	\$0.0137	\$0.0567	\$0.0562	\$0.0693
6	\$0.0365		\$0.0319	\$0.0162	\$0.0182	\$0.0862	\$0.0476	\$0.0296

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0019.

FUEL AND EPCR

F&LR 1/, 2/, 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	0.61%		1.85%	2.81%	3.45%	4.14%	4.68%	5.31%
	L		0.32%						
	1	0.77%		1.35%	2.31%	2.85%	3.39%	4.08%	4.64%
	2	2.74%		1.44%	0.31%	0.56%	1.02%	1.74%	2.32%
	3	3.35%		2.78%	0.56%	0.17%	1.41%	2.00%	2.66%
	4	3.99%		3.15%	1.43%	1.70%	0.58%	0.88%	1.49%
	5	4.68%		4.08%	1.74%	2.03%	0.87%	0.86%	1.09%
	6	5.58%		4.85%	2.32%	2.66%	1.40%	0.69%	0.36%

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ 6.21%

EPCR 3/, 4/ -----	RECEIPT ZONE	DELIVERY ZONE							
		0	L	1	2	3	4	5	6
	0	\$0.0034		\$0.0132	\$0.0204	\$0.0254	\$0.0307	\$0.0349	\$0.0419
	L		\$0.0011						
	1	\$0.0046		\$0.0093	\$0.0169	\$0.0207	\$0.0257	\$0.0315	\$0.0362
	2	\$0.0204		\$0.0099	\$0.0011	\$0.0030	\$0.0067	\$0.0122	\$0.0167
	3	\$0.0254		\$0.0207	\$0.0030	\$0.0000	\$0.0097	\$0.0144	\$0.0192
	4	\$0.0307		\$0.0238	\$0.0099	\$0.0120	\$0.0032	\$0.0055	\$0.0104
	5	\$0.0349		\$0.0315	\$0.0122	\$0.0144	\$0.0055	\$0.0054	\$0.0072
	6	\$0.0419		\$0.0362	\$0.0167	\$0.0192	\$0.0097	\$0.0041	\$0.0015

Broad Run Expansion Project – Market Component (Z3-Z1): 5/ \$0.0515

- 1/ Included in the above F&LR is the Losses component of the F&LR equal to 0.13%.
- 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 0.13%.
- 3/ The F&LR's and EPCR's listed above are applicable to FT-A, FT-BH, FT-G, FT-GS, and IT.
- 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 0.13%.

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	1.3471	8.4143	15.0142	R
<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	1.3471	8.4143	13.0127	R
Next 350 Mcf per billing period	2.5096	1.3471	8.4143	12.2710	R
Next 600 Mcf per billing period	2.3855	1.3471	8.4143	12.1469	R
Over 1,000 Mcf per billing period	2.1700	1.3471	8.4143	11.9314	R
<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		8.4143 ^{2/}	9.1236	I
Next 70,000 Mcf per billing period	0.4378		8.4143 ^{2/}	8.8521	I
Over 100,000 Mcf per billing period	0.2423		8.4143 ^{2/}	8.6566	I
Firm Service Demand Charge					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		9.1333		9.1333	
<u>RATE SCHEDULE IUS</u>					
Customer Charge per billing period	945.24			945.24	
Delivery Charge per Mcf					
For All Volumes Delivered	1.1959	1.3471	8.4143	10.9573	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 \$7.5750 per Mcf only for those months of the prior twelve months during which they were served under Rate Schedule SVGTS. **I**

^{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 28, 2022

DATE EFFECTIVE November 29, 2022 (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		9.1333		9.1333	
Standby Service Commodity Charge per Mcf			8.4143	8.4143	I
<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		0.0332		0.0332	I
<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		0.0332		0.0332	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.

^{2/} Applicable to all Rate Schedule DS customers except those served under Grandfathered Delivery Service or Intrastate Utility Delivery Service.

DATE OF ISSUE	October 28, 2022
DATE EFFECTIVE	November 29, 2022 (Unit 1 December)
ISSUED BY	/s/ Kimra H. Cole
TITLE	President & Chief Operating Officer

CURRENTLY EFFECTIVE BILLING RATES

(Continued)

<u>RATE SCHEDULE SVGTS</u>	<u>Base Rate Charge</u>
	\$
<u>General Service Residential (SGVTS GSR)</u>	
Customer Charge per billing period	19.75
Delivery Charge per Mcf	5.2528
<u>General Service Other - Commercial or Industrial (SVGTS GSO)</u>	
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
<u>Intrastate Utility Service</u>	
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	\$2.1992	R
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RATE SCHEDULE SVAS

Balancing Charge – per Mcf	\$0.9278	R
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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 28, 2022
DATE EFFECTIVE	November 29, 2022 (Unit 1 December)
ISSUED BY	/s/ Kimra H. Cole
TITLE	President & Chief Operating Officer