BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

COLUMBIA GAS OF KENTUCKY, INC.

CASE 2023 - 00250

GAS COST ADJUSTMENT AND REVISED RATES OF COLUMBIA GAS OF KENTUCKY, INC. PROPOSED TO BECOME EFFECTIVE UNIT 1 SEPTEMBER 2023 BILLINGS (AUGUST 29, 2023)

Columbia Gas of Kentucky, Inc.

Comparison of Current and Proposed GCAs

Line No.		Jun 23 CURRENT	Sep 23 PROPOSED	DIFFERENCE
1	Commodity Cost of Gas	\$3.1277	\$2.6356	(\$0.4921)
2	Demand Cost of Gas	<u>\$1.8557</u>	<u>\$1.7786</u>	(\$0.0771)
3	Total: Expected Gas Cost (EGC)	\$4.9834	\$4.4142	(\$0.5692)
4	SAS Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
5	Balancing Adjustment	\$0.7911	(\$1.0765)	(\$1.8676)
6	Supplier Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
7	Actual Cost Adjustment	\$1.3894	(\$0.7546)	(\$2.1440)
8	Performance Based Rate Adjustment	\$0.4190	\$0.4190	\$0.0000
9	Cost of Gas to Tariff Customers (GCA)	\$7.5829	\$3.0021	(\$4.5808)
10	Dealth and Delegate Control	¢0.0262	¢ο ο2ς2	¢0.0000
10	Banking and Balancing Service	\$0.0363	\$0.0363	\$0.0000
	Rate Schedule IS and GSO Customer Demand Charge	\$10.0019	\$9.9791	(\$0.0228)

Columbia Gas of Kentucky, Inc. Gas Cost Adjustment Clause Gas Cost Recovery Rate Sep 23 - Nov 23

Line <u>No.</u>	<u>Description</u>				<u>Amount</u>	<u>Expires</u>
1	Expected Gas Cost (EGC)	Schedule No. 1			\$4.4142 Un	it 21 November (11-28-2023)
2	Total Actual Cost Adjustment (ACA)	Schedule No. 2	Case No. 2022-00360 Case No. 2023-00028 Case No. 2023-00141 Case No. 2023-00250	\$0.3236 \$0.7125 (\$1.1777) (\$0.6130)	Un Un	it 21 November (11-28-2023) it 21 February (02-28-2024) it 21 May (05-29-2024) it 21 August (08-27-2024)
3	Total Supplier Refund Adjustment (RA)	Schedule No. 4		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,
4	Balancing Adjustment (BA)	Schedule No. 3	Case No. 2023-00250		(\$1.0765) Un	it 21 November (11-28-2023)
5	Performance Based Rate Adjustment (PBRA)	Schedule No. 6	Case No. 2022-00127		\$0.4190 Un	it 21 May (05-29-2024)
	Gas Cost Adjustment Sep 23 - Nov 23				<u>\$3.0021</u>	
	Expected Demand Cost (EDC) per Mcf (Applicable to Rate Schedule IS/SS and GSO)	Schedule No. 1, S	Sheet 4		<u>\$9.9791</u>	

DATE FILED: July 28, 2023

BY: J. M. Cooper

Sheet 1

Expected Gas Cost for Sales Customers Sep 23 - Nov 23

Line			Volum	ie A/	Rate			
No.	<u>Description</u>	Reference	Mcf	Dth.	Per Mcf	Per Dth	Cost	
			(1)	(2)	(3)	(4)	(5)	
	Storage Supply							
	Includes storage activity for sales customers onl	У						
	Commodity Charge			(4, 472, 646)		60.0453	ć22 F24	
1 2	Withdrawal			(1,472,646)		\$0.0153	\$22,531	
2	Injection			1,553,024		\$0.0153	\$23,761	
3	Withdrawals: gas cost includes pipeline fuel and	d commodity charges		1,472,646		\$2.6739	\$3,937,708	
	Total							
4	Volume	Line 3		1,472,646				
5	Cost	Line 1 + Line 2 + Line 3					\$3,984,000	
6	Summary	Line 4 or Line 5		1,472,646			\$3,984,000	
	Flowing Supply							
	Excludes volumes injected into or withdrawn fro	om storage.						
	Net of pipeline retention volumes and cost. Add	d unit retention cost on line	18					
-	New Association	Cala di Cha E Lin d		000 000			Ć4 F02 420	
7 8	Non-Appalachian Appalachian Supplies	Sch.1, Sht. 5, Ln. 4 Sch.1, Sht. 6, Ln. 4		989,092 36,666			\$1,592,438 \$112,836	
9	Less Fuel Retention By Interstate Pipelines	Sch. 1, Sheet 7, Lines 21,	22	(94,257)			(\$245,625)	
9	Less I del Neterition by interstate ripelines	3cm. 1,3meet 7, Lines 21,	22	(34,237)			(3243,023)	
10	Total	Line 7 + Line 8 + Line 9		931,502			\$1,459,649	
	Total Supply							
11	At City-Gate	Line 6 + Line 10		2,404,147			\$5,443,649	
	Lost and Unaccounted For							
12	Factor			-0.5%				
13	Volume	Line 11 * Line 12		(12,021)				
14	At Customer Meter	Line 11 + Line 13	2,172,685	2,392,126				
	Less: Right-of-Way Contract Volume		401					
16	Sales Volume	Line 14-Line 15	2,172,284					
	Unit Costs \$/MCF							
	Commodity Cost							
17	Excluding Cost of Pipeline Retention	Line 11 / Line 16			\$2.5060			
18	Annualized Unit Cost of Retention	Sch. 1,Sheet 7, Line 24			\$0.1184			
19	Including Cost of Pipeline Retention	Line 17 + Line 18			\$2.6244			
20	Uncollectible Ratio	CN 2021-00183			0.00428000			
21	Gas Cost Uncollectible Charge	Line 19 * Line 20			\$0.0112			
22	Total Commodity Cost	Line 19 + Line 21			\$2.6356			
23	Demand Cost	Sch.1, Sht. 2, Line 10			<u>\$1.7786</u>			
24	Total Expected Gas Cost (EGC)	Line 22 + Line 23			\$4.4142			

A/ BTU Factor = 1.1010 Dth/MCF

Columbia Gas of Kentucky, Inc. GCA Unit Demand Cost Sep 23 - Nov 23

Schedule No. 1

Sheet 2

Line		Defenses	Cont
No.	<u>Description</u>	<u>Reference</u>	Cost
1	Expected Demand Cost: Annual Sep 23 - Nov 23	Sch. No.1, Sheet 3, Ln. 11	\$25,561,474
2	Less Rate Schedule IS/SS and GSO Customer Demand Charge Recovery	Sch. No.1, Sheet 4, Ln. 10	(\$119,629)
3	Less Storage Service Recovery from Delivery Service Customers		(\$379,792)
4	Net Demand Cost Applicable	Line 1 + Line 2 + Line 3	\$25,062,053
	Projected Annual Demand: Sales + Choice		
	At city-gate In Dth		15,595,089 Dth
	Heat content		1.1010 Dth/MCF
5	In MCF		14,164,477 MCF
	Lost and Unaccounted - For		
6	Factor		0.5%
7	Volume	Line 5 x Line 6	70,822 MCF
8	Right of way Volumes		<u>2,677</u> MCF
9	At Customer Meter	Line 5 - Line 7 - Line 8	14,090,978 MCF
10	Unit Demand Cost To Sheet 1, Line 23	Line 4 / Line 9	\$1.7786 per MCF

Columbia Gas of Kentucky, Inc. Annual Demand Cost of Interstate Pipeline Capacity Sep 23 - Aug 24

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	\$0.0513	12	\$6,589,309
2	FSS Max Daily Storage Quantity (MDSQ)	209,880	\$2.8230	12	\$7,109,895
	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	\$10.1850	12	\$2,446,111
6	Firm Transportation Service (FTS)	5,124	\$10.1850	12	\$626,255
7	Subtotal Sum of Lines 1 through 6				\$24,676,700
	Tennessee Gas				
8	Firm Transportation	16,000	\$4.6082	12	\$884,774
9	Total Sum of Lines 7 through 11 To Sheet 2, line 1				\$25,561,474

Columbia Gas of Kentucky, Inc.

Gas Cost Adjustment Clause

Schedule No. 1

Sheet 4

Expected Demand Costs Recovered Annually From Rate Schedule IS/SS and GSO Customers Sep 23 - Aug 24

			Ca	pacity		
Line No.	Description	Daily	# Months	Annualized	Units	Annual Cost
	·	Dth (1)	(2)	Dth (3) = (1) x (2)		(3)
1	Expected Demand Costs (Per Sheet 3)					\$25,561,474
2	City-Gate Capacity: Columbia Gas Transmission Firm Storage Service - FSS Firm Transportation Service - FTS	209,880 25,138	12 12	2,518,560 301,656		
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			\$9.9791	/Mcf	
8	Firm Volumes of IS/SS and GSO Customers	999	12	11,988	Mcf	
9	Expected Demand Charges to be Recovered Annually from Rate Schedule IS/SS and GSO Customers Line 8 x Line 9			To She	eet 2, line 2	\$119,629

Columbia Gas of Kentucky, Inc. Non-Appalachian Supply: Volume and Cost Sep 23 - Nov 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.

		Total Flowing Supply Including Gas Injected				Net Flowing Supp	oly for Current
		Into Storage				Consum	ption
Line		-			Net Storage		
No.	Month	Volume A/	Cost	Unit Cost	Injection	Volume	Cost
		Dth		\$/Dth	Dth	Dth	
		(1)	(2)	(3)	(4)	(5)	(6)
				= (2) / (1)		= (1) + (4)	= (3) x (5)
1	Sep23	1,295,632	\$2,111,344		(991,109)	304,523	
2	Oct-23	1,246,484	\$1,957,088		(561,915)	684,569	
3	Nov-23	0	\$21,813		0	0	
4	Total Sum of Lines 1 through 3	2,542,116	\$4,090,245	\$1.61	(1,553,024)	989,092	\$1,592,438

A/ Gross, before retention.

Columbia Gas of Kentucky, Inc. Appalachian Supply: Volume and Cost Sep 23 - Nov 23

Schedule No. 1
Sheet 6

Line <u>No.</u>	<u>Month</u>	<u>Dth</u> (2)	<u>Cost</u> (3)
1	Sep23	3,441	\$9,546
2	Oct-23	9,329	\$26,561
3	Nov-23	23,896	\$76,729
4	Total Sum of Lines 1 through 3	36,666	\$112,836

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	Sep 23 - Nov 23	Dec 23 - Feb 24	Mar 24 - May 24	Jun 24 - Aug 24	Sep 23 - Aug 24
	Gas purchased by CKY for the remaining sales customers						
1	Volume	Dth	2,578,782	1,922,672	4,034,362	5,681,181	14,216,997
2	Commodity Cost Including Transportation		\$4,203,081	\$6,538,708	\$10,873,469	\$15,432,868	\$37,048,127
3	Unit cost	\$/Dth					\$2.6059
	Consumption by the remaining sales customers						
4	At city gate	Dth	2,404,147	7,570,911	2,860,932	759,673	13,595,663
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	2,392,126	7,533,056	2,846,627	755,875	13,527,684
7	Heat content	Dth/MCF	1.1010	1.1010	1.1010	1.1010	
8	In MCF = Line 6 / Line 7	MCF	2,172,685	6,842,013	2,585,492	686,535	12,286,725
9	Portion of annual Line 8 / Annual		17.7%	55.7%	21.0%	5.6%	100.0%
	Gas retained by upstream pipelines						
10	Volume	Dth	94,257	186,082	134,294	143,244	557,877
	Cost		To Sheet 1, line 9				
11	Quarterly Deduct from Sheet 1 Line 3 x Line 10		\$245,625	\$484,912	\$349,957	\$373,280	\$1,453,774
12	Allocated to quarters by consumption		\$257,318	\$809,752	\$305,293	\$81,411	\$1,453,774
13	Annualized unit charge Line 12 / Line 8	\$/MCF	To Sheet 1, line 18 \$0.1184	\$0.1183	\$0.1181	\$0.1186	\$0.1183
		• •			•		

DETERMINATION OF THE BANKING AND BALANCING CHARGE FOR THE PERIOD BEGINNING UNIT 1 SEPTEMBER 2023 (AUGUST 29, 2023)

Line No.	<u>Description</u>	<u>Dth</u>	<u>Detail</u>	Amount For Transportation <u>Customers</u>
1	Total Storage Capacity From Sheet 3, Line 2	10,703,880		
2	Net Transportation Volume	11,523,261		
3	Contract Tolerance Level @ 5%	576,163		
4 5	Percent of Annual Storage Applicable to Transportation Customers		5.38%	
6 7 8 9	Seasonal Contract Quantity (SCQ) Rate SCQ Charge - Annualized Amount Applicable To Transportation Customers		\$0.0513 <u>\$6,589,309</u>	\$354,505
10 11 12 13	FSS Injection and Withdrawal Charge Rate Total Cost Amount Applicable To Transportation Customers		0.0306 <u>\$327,539</u>	\$17,622
14 15 16 17 18	SST Commodity Charge Rate Projected Annual Storage Withdrawal, Dth Total Cost Amount Applicable To Transportation Customers		0.0147 9,691,396 <u>\$142,464</u>	<u>\$7,665</u>
19	Total Cost Applicable To Transportation Customers			<u>\$379,792</u>
20	Total Transportation Volume - Mcf			17,510,177
21	Flex and Special Contract Transportation Volume - Mcf			(7,044,000)
22	Net Transportation Volume - Mcf Line 20 + Line 21			10,466,177
23	Banking and Balancing Rate - Mcf Line 19 / Line 22 - To Line 11 of the GCA Comparison			<u>\$0.0363</u>

DETAIL SUPPORTING DEMAND/COMMODITY SPLIT

COLUMBIA GAS OF KENTUCKY

CASE NO. 2023-00250 Effective Unit 1 September 2023 Billing Cycle (August 29, 2023

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) Demand ACA (Schedule No. 2, Sheet 1, Case No. 2022-00360, Case No. 2023-00028, Case No. 2023-00141, & Case No. 2023-00250 Refund Adjustment (Schedule No. 4, Case No. 202X-XXXXX) Total Demand Rate per Mcf	\$1.7786 (\$0.2310) <u>\$0.0000</u> \$1.5476
Commodity Component of Gas Cost Adjustment	
Commodity Cost of Gas (Schedule No. 1, Sheet 1, Line 22) Commodity ACA (Schedule No. 2, Sheet 1, Case No. 2022-00360, Case No. 2023-00028, Case No. 2023-00141, & Case No. 2023-00250 Balancing Adjustment Performance Based Rate Adjustment (Schedule No. 6, Case No. 2023-00141) Total Commodity Rate per Mcf	\$2.6356 (\$0.5236) (\$1.0765) <u>\$0.4190</u> \$1.4545
CHEC	\$1.5476
COST OF GAS TO TARIFF CUSTOMERS (GCA)	<u>\$1.4545</u> \$3.0021
Calculation of Rate Schedule SVGTS - Actual Gas Cost Adjustment	
Commodity ACA (Schedule No. 2, Sheet 1, Case No. 2022-00360, Case No. 2023-00028, Case No. 2023-00141, & Case No. 2023-00250 Balancing Adjustment Performance Based Rate Adjustment (Schedule No. 6, Case No. 2023-00141) Total Commodity Rate per Mcf	(\$0.5236) (\$1.0765) \$0.4190 (\$1.1811)

Columbia Gas of Kentucky, Inc. CKY Choice Program 100% Load Factor Rate of Assigned FTS Capacity Balancing Charge Sep 23 - Nov 23

							Adjustment for		
Line		Contract		Monthly demand	Number of	Assignment	retention on downstream pipe, if		
No.	Description	Volume	Retention	charges	Months	Proportions	any	Annual cost	s
		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 ga	ate capacity assigned to Choice marke	ters							
1	Contract								
2	TCO FTS	25,138	2.132%						
3 4	Total	25,138							
5	Assignment Proportions								
6	TCO FTS Line 3 / Line 4	100.00%							
Annua	al demand cost of capacity assigned to	choice marke	ters						
7	TCO FTS			\$10.1850	12	1.0000	1.0000	\$122.2200	
8	TGP FTS-A, upstream to TCO FTS			\$4.6082	12	1.0000	1.0218	\$56.5030	
9	Total Demand Cost of Assigned FTS, p	per unit						\$178.7230	\$196.7740
10	100% Load Factor Rate (Line 13 / 365	days)							\$0.5391
Ralan	cing charge, paid by Choice marketers								
11	Demand Cost Recovery Factor in GCA		CKY Tariff Sheet I	No. 5					\$1.5476
12	Less credit for cost of assigned capac								(\$0.5391)
13	Plus storage commodity costs incurre	ed by CKY for t	he Choice marke	ter					\$0.0777
14	Balancing Charge, per Mcf Sum of I	Lines 15 throug	gh 17						\$1.0862

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 MAY 31, 2023

Line <u>No.</u>	<u>Month</u>	Total Sales Volumes <u>Per Books</u> Mcf (1)	Standby Service Sales <u>Volumes</u> 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 <u>Recovery</u> (7)	Total Gas Cost Recovery \$ (8)=(5)+(6)-(7)	Cost of Gas Purchased \$ (9)	(OVER)/ UNDER <u>RECOVERY</u> \$ (10)=(9)-(8)
1	March 2023	1,303,013	0	1,303,013	\$5.2754	\$6,873,937	\$9,462	(\$2,667)	\$6,886,066	\$4,173,321	(\$2,712,745)
2	April 2023	1,019,626	1,517	1,018,109	\$5.3264	\$5,422,849	\$14,963	(\$1,739)	\$5,439,552	\$1,430,069	(\$4,009,483)
3	May 2023	536,992	216	536,776	\$5.2286	\$2,806,591	\$9,907	(\$1,392)	\$2,817,890	\$2,843,169	\$25,279
4	TOTAL	2,859,631	1,733	2,857,898		\$15,103,377	\$34,333	(\$5,798)	\$15,143,508	\$8,446,558	(\$6,696,949)
5	Off-System Sales										(\$801,430)
6	Capacity Release										\$0
											(\$7,498,379.66)
8	Demand Revenues F	Received									\$4,852,334
9	Demand Cost of Gas	;									\$4,081,289
10	Demand (Over)/Und	ler Recovery									(\$771,046)
11	Expected Sales Volu	mes for the Tw	elve Months	End August 31,	2024					,	12,284,353
12	DEMAND ACA TO EX	KPIRE UNIT 21	AUGUST (AU	GUST 27, 2024))						(\$0.0628)
13	Commodity Revenue	es Received									\$10,291,173
14	Commodity Cost of	Gas									\$3,563,839
15	Commodity (Over)/U	Jnder Recover	у								(\$6,727,334)
16	Gas Cost Uncollectib	ole ACA									<u>(\$31,168)</u>
17	Total Commodity (O	ver)/Under Re	covery								(\$6,758,502)
18	Expected Sales Volu	mes for the Tw	elve Months	End August 31,	2024					•	12,284,353
19	COMMODITY ACA T	O EXPIRE UNIT	r 21 AUGUST	(AUGUST 27, 2	024)						(\$0.5502)
20	TOTAL ACA TO EXPI	RE UNIT 21 AU	IGUST (AUGU	IST 27, 2024)							(\$0.6130)

STATEMENT SHOWING ACTUAL COST RECOVERY FROM CUSTOMERS TAKING STANDBY SERVICE UNDER RATE SCHEDULE IS AND GSO BASED ON THE THREE MONTHS ENDED MAY 31, 2023

			Average	
		SS	SS	SS
LINE		Commodity	Recovery	Commodity
NO.	<u>MONTH</u>	<u>Volumes</u>	<u>Rate</u>	Recovery
		(1)	(2)	(3)
		Mcf	\$/Mcf	\$
1	March 2023	0	\$0.0000	\$0
2	April 2023	1,517	\$3.6269	\$5,502
3	May 2023	216	\$3.6269	\$783
4	Total SS Commodity Recovery			\$6,285
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) \$
NO.		Demand <u>Volumes</u> (1) Mcf	SS Demand <u>Rate</u> (2) \$/Mcf	Demand <u>Recovery</u> (3) \$
<u>NO.</u>	March 2023	Demand <u>Volumes</u> (1) Mcf	SS Demand Rate (2) \$/Mcf \$9.1333	Demand Recovery (3) \$ \$9,462
NO.		Demand <u>Volumes</u> (1) Mcf	SS Demand <u>Rate</u> (2) \$/Mcf	Demand <u>Recovery</u> (3) \$
NO. 5 6	March 2023 April 2023	Demand <u>Volumes</u> (1) Mcf 1,036 1,036	\$\$ Demand Rate (2) \$/Mcf \$9.1333 \$9.1327	Demand Recovery (3) \$ \$9,462 \$9,461

Columbia Gas of Kentucky, Inc. Gas Cost Uncollectible Charge - Actual Cost Adjustment BASED ON THE THREE MONTHS ENDED MAY 31, 2023

3	(Over)/Under Activity	\$ (10,936)	\$ (7,910)	\$	(12,322)	\$ (31,168)
2	Actual Recovery	\$ 19,964	\$ 15,809	\$	8,242	\$ 44,015
1	Actual Cost	\$ 9,028	\$ 7,899	\$	(4,080)	\$ 12,847
Line <u>No.</u>	<u>Class</u>	<u>Mar-23</u>	<u>Apr-23</u>	ļ	<u>May-23</u>	<u>Total</u>

BALANCING ADJUSTMENT SCHEDULE NO. 3

COLUMBIA GAS OF KENTUCKY, INC.

CALCULATION OF BALANCING ADJUSTMENT TO BE EFFECTIVE UNIT 1 SEPTEMBER THROUGH UNIT 21 AUGUST (AUGUST 29, 2023 - AUGUST 27, 2024)

Line			
No.	<u>Description</u>	<u>Detail</u>	<u>Amount</u>
		\$	\$
1	RECONCILIATION OF RATE REFUND ADJUSTMENT		
2	Total adjustment to have been distributed to		
3	customers in Case No. 2022-00127	(\$5,760,689)	
4	Less: actual amount distributed	(\$3,634,662)	
5	REMAINING AMOUNT		(\$2,126,027)
6	RECONCILIATION OF PREVIOUS PERFORMANCE BASED	RATE ADJUST	MENT
7	Total adjustment to have been collected from		
8	customers in Case No. 2022-00127	\$3,763,655	
9	Less: actual amount collected	\$3,457,652	
10	REMAINING AMOUNT		\$306,004
11	RECONCILIATION OF A PREVIOUS BALANCING ADJUSTMENT		
12	Total adjustment to have been collected from		
13	customers in Case No. 2023-00028	\$43,127	
14	Less: actual amount collected	\$48,272	
		ψ 1.5)2,7.2	•
15	REMAINING AMOUNT		(\$5,145)
16	RECONCILIATION OF PREVIOUS ACTUAL COST ADJUSTMENT		
17	Total adjustment to have been distributed to		
18	customers in Case No. 2022-00127	(\$6,150,275)	
19	Less: actual amount distributed	(\$5,637,194)	
20	REMAINING AMOUNT		(\$513,082)
21	TOTAL BALANCING ADJUSTMENT AMOUNT		(\$2,338,250)
22	Divided by: projected sales volumes for the three months		
23	ended November 30, 2023		2,172,151
2.4	DALANCING ADULGTNAFNIT (DA)		ć (4.07CE)
24	BALANCING ADJUSTMENT (BA)		\$ (1.0765)

Columbia Gas of Kentucky, Inc. Rate Refund Adjustment Supporting Data

Case No. 2022-00127

Expires Unit 21 May 30, 2023		Surcharge	Surcharge	Surcharge
	Volume	Rate	Amount	Balance
				\$ (5,760,689)
June 2022	259,141	(\$0.3491)	(\$90,466)	(\$5,670,223)
July 2022	198,995	(\$0.3491)	(\$69,469)	(\$5,600,754)
August 2022	216,545	(\$0.3491)	(\$75,596)	(\$5,525,158)
September 2022	209,784	(\$0.3491)	(\$73,236)	(\$5,451,923)
October 2022	383,342	(\$0.3491)	(\$133,825)	(\$5,318,098)
November 2022	746,972	(\$0.3491)	(\$260,768)	(\$5,057,330)
December 2022	1,663,765	(\$0.3491)	(\$580,820)	(\$4,476,510)
January 2023	2,154,567	(\$0.3491)	(\$752,159)	(\$3,724,351)
February 2023	1,760,670	(\$0.3491)	(\$614,650)	(\$3,109,701)
March 2023	1,276,920	(\$0.3491)	(\$445,773)	(\$2,663,928)
April 2023	1,017,200	(\$0.3491)	(\$355,104)	(\$2,308,824)
May 2023	533,474	(\$0.3491)	(\$186,236)	(\$2,122,588)
June 2023	(9,852)	(\$0.3491)	<u>\$3,439</u>	(\$2,126,027)
			(\$3,634,662)	
SUMMARY:				
SURCHARGE AMOUNT	(\$5,760,689)			
AMOUNT DISTRIBUTED	(\$3,634,662)			
TOTAL REMAINING TO BE				
DISTRIBUTED	(\$2,126,026.98)			

Columbia Gas of Kentucky, Inc. PBR Incentive Adjustment Supporting Data

Case No. 2022-00127

Expires Unit 21 May 30, 2023	Volume	Surcharge Rate	Surcharge Amount	Surcharge Balance
				\$ 3,763,655.45
June 2022	258,101	\$0.3314	\$85,535	\$3,678,121
July 2022	197,955	\$0.3314	\$65,602	\$3,612,518
August 2022	215,509	\$0.3314	\$71,420	\$3,541,099
September 2022	208,748	\$0.3314	\$69,179	\$3,471,920
October 2022	382,438	\$0.3314	\$126,740	\$3,345,180
November 2022	745,988	\$0.3314	\$247,220	\$3,097,959
December 2022	1,664,204	\$0.3314	\$551,517	\$2,546,442
January 2023	2,154,595	\$0.3314	\$714,033	\$1,832,410
February 2023	1,790,403	\$0.3314	\$593,340	\$1,239,070
March 2023	1,277,363	\$0.3314	\$423,318	\$815,752
April 2023	1,017,952	\$0.3314	\$337,349	\$478,403
May 2023	530,065	\$0.3314	\$175,664	\$302,739
June 2023	(9,852)	\$0.3314	<u>(\$3,265)</u>	\$306,004
			\$3,457,652	
SUMMARY:				
SURCHARGE AMOUNT	\$3,763,655			
AMOUNT COLLECTED	\$ <u>3,457,652</u>			
TOTAL REMAINING TO BE COLLECTED	\$306,003.93			

Columbia Gas of Kentucky, Inc. Balancing Adjustment Supporting Data

Case No. 2023-00028

Expires: June 30, 2023	Volume	Surcharge Rate	Surcharge Amount	Surcharge Balance
Beginning Balance				\$43,127
March 2023	1,301,357	\$0.0170	\$22,123	\$21,004
April 2023	1,017,952	\$0.0170	\$17,305	\$3,698
May 2023	530,065	\$0.0170	\$9,011	(\$5,313)
June 2023	(9,852)	\$0.0170	(\$167)	(\$5,145)
TOTAL SURCHARGE COLLECTED				
SUMMARY:	¢40.407			
SURCHARGE AMOUNT	\$43,127			
AMOUNT COLLECTED	\$ <u>48,272</u>			
REMAINING BALANCE	(\$5,145)			

Columbia Gas of Kentucky, Inc. Actual Cost Adjustment YR2022 QTR1 Supporting Data

Case No. 2022-00127

	Tariff					
_	Refund	Refund		Refund	Refund	Refund
Volume	Rate	Amount	Volume	Rate	Amount	Balance
						(\$6,150,275)
256,845	(\$0.5415)	(\$139,082)	1,256	(\$0.0204)	(\$26)	(\$6,011,168)
196,637	(\$0.5415)	(\$106,479)	1,318	(\$0.0204)	(\$27)	(\$5,904,662)
214,714	(\$0.5415)	(\$116,267)	795	(\$0.0204)	(\$16)	(\$5,788,378)
208,081	(\$0.5415)	(\$112,676)	667	(\$0.0204)	(\$14)	(\$5,675,689)
381,520	(\$0.5415)	(\$206,593)	918	(\$0.0204)	(\$19)	(\$5,469,077)
744,830	(\$0.5415)	(\$403,326)	1,158	(\$0.0204)	(\$24)	(\$5,065,728)
1,660,498	(\$0.5415)	(\$899,160)	3,706	(\$0.0204)	(\$76)	(\$4,166,492)
2,151,891	(\$0.5415)	(\$1,165,249)	2,704	(\$0.0204)	(\$55)	(\$3,001,188)
1,786,811	(\$0.5415)	(\$967,558)	3,593	(\$0.0204)	(\$73)	(\$2,033,557)
1,273,393	(\$0.5415)	(\$689,542)	3,971	(\$0.0204)	(\$81)	(\$1,343,934)
1,012,474	(\$0.5415)	(\$548,255)	5,477	(\$0.0204)	(\$112)	(\$795,567)
529,160	(\$0.5415)	(\$286,540)	905	(\$0.0204)	(\$18)	(\$509,009)
(7,430)	(\$0.5415)	\$4,023	(2,422)	(\$0.0204)	\$49	(\$513,082)
	(6.450.375)					
	256,845 196,637 214,714 208,081 381,520 744,830 1,660,498 2,151,891 1,786,811 1,273,393 1,012,474 529,160	Volume Refund Rate 256,845 (\$0.5415) 196,637 (\$0.5415) 214,714 (\$0.5415) 208,081 (\$0.5415) 381,520 (\$0.5415) 744,830 (\$0.5415) 1,660,498 (\$0.5415) 2,151,891 (\$0.5415) 1,786,811 (\$0.5415) 1,273,393 (\$0.5415) 1,012,474 (\$0.5415) 529,160 (\$0.5415)	Volume Refund Rate Refund Amount 256,845 (\$0.5415) (\$139,082) 196,637 (\$0.5415) (\$106,479) 214,714 (\$0.5415) (\$116,267) 208,081 (\$0.5415) (\$112,676) 381,520 (\$0.5415) (\$206,593) 744,830 (\$0.5415) (\$403,326) 1,660,498 (\$0.5415) (\$899,160) 2,151,891 (\$0.5415) (\$1,165,249) 1,786,811 (\$0.5415) (\$689,542) 1,012,474 (\$0.5415) (\$689,542) 1,012,474 (\$0.5415) (\$286,540) (7,430) (\$0.5415) \$4,023	Volume Refund Rate Refund Amount Volume 256,845 (\$0.5415) (\$139,082) 1,256 196,637 (\$0.5415) (\$106,479) 1,318 214,714 (\$0.5415) (\$116,267) 795 208,081 (\$0.5415) (\$112,676) 667 381,520 (\$0.5415) (\$206,593) 918 744,830 (\$0.5415) (\$403,326) 1,158 1,660,498 (\$0.5415) (\$899,160) 3,706 2,151,891 (\$0.5415) (\$1,165,249) 2,704 1,786,811 (\$0.5415) (\$967,558) 3,593 1,273,393 (\$0.5415) (\$689,542) 3,971 1,012,474 (\$0.5415) (\$548,255) 5,477 529,160 (\$0.5415) (\$286,540) 905 (7,430) (\$0.5415) \$4,023 (2,422)	Volume Refund Rate Refund Amount Volume Refund Rate 256,845 (\$0.5415) (\$139,082) 1,256 (\$0.0204) 196,637 (\$0.5415) (\$106,479) 1,318 (\$0.0204) 214,714 (\$0.5415) (\$116,267) 795 (\$0.0204) 208,081 (\$0.5415) (\$112,676) 667 (\$0.0204) 381,520 (\$0.5415) (\$206,593) 918 (\$0.0204) 744,830 (\$0.5415) (\$403,326) 1,158 (\$0.0204) 1,660,498 (\$0.5415) (\$899,160) 3,706 (\$0.0204) 2,151,891 (\$0.5415) (\$1,165,249) 2,704 (\$0.0204) 1,786,811 (\$0.5415) (\$967,558) 3,593 (\$0.0204) 1,273,393 (\$0.5415) (\$689,542) 3,971 (\$0.0204) 1,012,474 (\$0.5415) (\$548,255) 5,477 (\$0.0204) 529,160 (\$0.5415) (\$286,540) 905 (\$0.0204) (7,430) (\$0.5415) \$4,023 <td< td=""><td>Volume Refund Rate Refund Amount Volume Refund Rate Refund Amount 256,845 (\$0.5415) (\$139,082) 1,256 (\$0.0204) (\$26) 196,637 (\$0.5415) (\$106,479) 1,318 (\$0.0204) (\$27) 214,714 (\$0.5415) (\$116,267) 795 (\$0.0204) (\$16) 208,081 (\$0.5415) (\$112,676) 667 (\$0.0204) (\$14) 381,520 (\$0.5415) (\$206,593) 918 (\$0.0204) (\$19) 744,830 (\$0.5415) (\$403,326) 1,158 (\$0.0204) (\$24) 1,660,498 (\$0.5415) (\$899,160) 3,706 (\$0.0204) (\$76) 2,151,891 (\$0.5415) (\$1,165,249) 2,704 (\$0.0204) (\$55) 1,786,811 (\$0.5415) (\$689,542) 3,971 (\$0.0204) (\$81) 1,012,474 (\$0.5415) (\$548,255) 5,477 (\$0.0204) (\$112) 529,160 (\$0.5415) (\$286,540) 905 (\$0.0204)<</td></td<>	Volume Refund Rate Refund Amount Volume Refund Rate Refund Amount 256,845 (\$0.5415) (\$139,082) 1,256 (\$0.0204) (\$26) 196,637 (\$0.5415) (\$106,479) 1,318 (\$0.0204) (\$27) 214,714 (\$0.5415) (\$116,267) 795 (\$0.0204) (\$16) 208,081 (\$0.5415) (\$112,676) 667 (\$0.0204) (\$14) 381,520 (\$0.5415) (\$206,593) 918 (\$0.0204) (\$19) 744,830 (\$0.5415) (\$403,326) 1,158 (\$0.0204) (\$24) 1,660,498 (\$0.5415) (\$899,160) 3,706 (\$0.0204) (\$76) 2,151,891 (\$0.5415) (\$1,165,249) 2,704 (\$0.0204) (\$55) 1,786,811 (\$0.5415) (\$689,542) 3,971 (\$0.0204) (\$81) 1,012,474 (\$0.5415) (\$548,255) 5,477 (\$0.0204) (\$112) 529,160 (\$0.5415) (\$286,540) 905 (\$0.0204)<

SUMMARY:
REFUND AMOUNT (6,150,275)
LESS
AMOUNT REFUNDED (5,637,194)

TOTAL REMAINING REFUND (513,082)

INVOICES

SCHEDULE NO. 7

Columbia Gas of Kentucky Cost of Gas Purchased - Support For the month ended March 31, 2023

Line <u>No.</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	Cost of Gas Purchased	\$ 4,173,321	Schedule 2, Sheet 1, Line 3, Column 9
2	Current Month Purchases Estimate	\$ 2,358,749	Schedule 7-032023, Sheet 2
3	Current Month Storage	\$ 4,057,491	Schedule 7-032023, Sheet 3
4	Current Month Other Gas Cost Adjustments	\$ (2,123,907)	Schedule 7-032023, Sheet 4
5	Reversal of Prior Month Purchases Estimate	\$ (2,238,946)	Schedule 7-032023, Sheet 5
6	Actual Invoices for the Prior Month	\$ 2,119,933	Schedule 7-032023, Sheet 6
7	Total	\$ 4,173,321	
8	Verification	\$ 0	

Columbia Gas of Kentucky Cost of Gas Purchased - Support For the month ended April 30, 2023

Line <u>No.</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	Cost of Gas Purchased	\$ 1,430,069	Schedule 2, Sheet 1, Line 3, Column 9
2	Current Month Purchases Estimate	\$ 4,230,339	Schedule 7-042023, Sheet 2
3	Current Month Storage	\$ (3,591,998)	Schedule 7-042023, Sheet 3
4	Current Month Other Gas Cost Adjustments	\$ 912,664	Schedule 7-042023, Sheet 4
5	Reversal of Prior Month Purchases Estimate	\$ (2,358,749)	Schedule 7-042023, Sheet 5
6	Actual Invoices for the Prior Month	\$ 2,237,813	Schedule 7-042023, Sheet 6
7	Total	\$ 1,430,069	
8	Verification	\$ -	

Columbia Gas of Kentucky Cost of Gas Purchased - Support For the month ended May 31, 2023

Line <u>No.</u>	<u>Description</u>	<u>Amount</u>	<u>Reference</u>
1	Cost of Gas Purchased	\$ 2,843,169	Schedule 2, Sheet 1, Line 3, Column 9
2	Current Month Purchases Estimate	\$ 3,814,373	Schedule 7-052023, Sheet 2
3	Current Month Storage	\$ (5,018,849)	Schedule 7-052023, Sheet 3
4	Current Month Other Gas Cost Adjustments	\$ 4,112,370	Schedule 7-052023, Sheet 4
5	Reversal of Prior Month Purchases Estimate	\$ (4,230,339)	Schedule 7-052023, Sheet 5
6	Actual Invoices for the Prior Month	\$ 4,165,614	Schedule 7-052023, Sheet 6
7	Total	\$ 2,843,169	
8	Verification	\$ -	

USAGE

SCHEDULE NO. 8

Columbia Gas of Kentucky Inc GAAP Summary of MCF as of Mar 2023 through May 2023

<u>Line</u> <u>No.</u>	Sales Volumes	<u>March</u>	<u>April</u>	<u>May</u>
1	Gas Residential - Billed	820,536	643,904	313,100
2	Gas Commercial - Billed	452,691	361,465	210,022
3	Gas Industrial - Billed	30,030	13,786	11,787
4	10~Sales for Resale-Gas	(243)	470	2,083
5	Total	1,303,013	1,019,626	536,992
6	ACA (Schedule 2, Sheet 1, Column 1)	1,303,013	1,019,626	536,992
7	Verification	-	-	-



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/	\$	9.197	0.386	0.066	0.107	0.429	10.185	0.3349
Commodity								
Maximum	¢	0.63	0.09	0.60	0.00	0.00	1.32	1.32
Minimum	¢	0.63	0.09	0.60	0.00	0.00	1.32	1.32
Overrun								
Maximum	¢	30.87	1.36	0.82	0.35	1.41	34.81	34.81
Minimum	¢	0.63	0.09	0.60	0.00	0.00	1.32	1.32

- 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.

Issued On: June 1, 2023 Effective On: July 1, 2023

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/	\$	9.078	0.386	0.066	0.107	0.429	10.066	0.3310
Commodity								
Maximum	¢	0.63	0.09	0.60	0.00	0.00	1.32	1.32
Minimum	¢	0.63	0.09	0.60	0.00	0.00	1.32	1.32
Overrun 4/								
Maximum	¢	30.48	1.36	0.82	0.35	1.41	34.42	34.42
Minimum	¢	0.63	0.09	0.60	0.00	0.00	1.32	1.32

- 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.

Issued On: June 1, 2023 Effective On: July 1, 2023

Currently Effective Rates Applicable to Rate Schedule FSS Rate Per Dth

		Base Tariff	Transportation Cost Rate Adjustment		Electric Power Costs Adjustment		CCRM-S Rate	Total Effective	Daily Rate
		Rate 1/ 2/	Current	Surcharge	Current	Surcharge	3/	Rate	
Rate Schedule FSS									
Reservation Charge	\$	2.567	-	-	-	-	0.256	2.823	0.0928
Capacity	¢	4.63	-	-	-	-	0.50	5.13	5.13
Injection	¢	1.53	-	-	-	-	0.00	1.53	1.53
Withdrawal	¢	1.53	-	-	-	-	0.00	1.53	1.53
Overrun	¢	17.57	-	-	-	-	1.34	18.91	18.91

- 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.

Issued On: March 6, 2023 Effective On: April 1, 2023

Columbia Gas Transmission, LLC FERC Tariff Fourth Revised Volume No. 1

V.17. Currently Effective Rates Retainage Rates Version 16.0.0

RETAINAGE PERCENTAGES

Transportation Retainage	2.132%
Transportation Retainage – FT-C 1/	0.763%
Gathering Retainage	0.763%
Storage Gas Loss Retainage	0.405%
Ohio Storage Gas Loss Retainage	0.559%
Columbia Processing Retainage 2/	0.000%

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

Issued On: February 28, 2023 Effective On: April 1, 2023

^{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/	DECEIDE	DELIVERY ZONE										
	RECEIPT ZONE	0	L	1	2	3	4	5	6			
	0	0.43%		1.41%	2.12%	2.67%	3.21%	3.51%	4.17%			
	L		0.20%									
	1	0.55%		1.01%	1.78%	2.15%	2.63%	3.19%	3.64%			
	2	2.16%		1.08%	0.19%	0.39%	0.75%	1.30%	1.78%			
	3	2.67%		2.15%	0.39%	0.08%	1.06%	1.53%	2.04%			
	4	3.11%		2.44%	1.08%	1.29%	0.40%	0.64%	1.13%			
	5	3.63%		3.19%	1.32%	1.55%	0.63%	0.63%	0.81%			
	6	4.34%		3.77%	1.78%	2.04%	1.05%	0.49%	0.23%			

Broad Run Expansion Project - Market Component (Z3-Z1): 5/ 6.50%

EPCR 3/, 4/	RECEIPT	DELIVERY ZONE										
	ZONE	0	L	1	2	3	4	5	6			
	0	\$0.0041		\$0.0158	\$0.0245	\$0.0304	\$0.0368	\$0.0418	\$0.0502			
	L		\$0.0014									
	1	\$0.0055		\$0.0111	\$0.0203	\$0.0248	\$0.0308	\$0.0377	\$0.0433			
	2	\$0.0245		\$0.0119	\$0.0013	\$0.0036	\$0.0080	\$0.0146	\$0.0199			
	3	\$0.0304		\$0.0248	\$0.0036	\$0.0000	\$0.0116	\$0.0173	\$0.0230			
	4	\$0.0368		\$0.0284	\$0.0118	\$0.0144	\$0.0038	\$0.0066	\$0.0124			
	5	\$0.0418		\$0.0377	\$0.0146	\$0.0173	\$0.0065	\$0.0065	\$0.0086			
	6	\$0.0502		\$0.0433	\$0.0199	\$0.0230	\$0.0116	\$0.0049	\$0.0018			

Broad Run Expansion Project - Market Component (Z3-Z1): 5/ \$0.0828

Issued: March 1, 2023 Docket No. RP23-522-000 Effective: April 1, 2023 Accepted: March 30, 2023

^{1/} Included in the above F&LR is the Losses component of the F&LR equal to 0.04%.

^{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 0.04%.

^{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 0.04%.

Twenty First Revised Sheet No. 14
Superseding
Twentieth Revised Sheet No. 14

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES RATE SCHEDULE FOR FT-A

Base Reservation Rates	RECEIPT				DELIVER	Y ZONE				
	ZONE	0	L	1	2	3	4	5	6	
	0 L	\$4.6943	\$4.1674	\$9.80960	\$13.1952	\$13.4288	\$14.7555	\$15.6623	\$19.6507	
	1	\$7.0668		\$6.7741	\$9.0149	\$12.7706	\$12.5770	\$14.1840	\$17.4413	
	2 3	\$13.1953 \$13.4288		\$8.9608 \$7.0978	\$4.6605 \$4.6982	\$4.3567 \$3.3894	\$5.5746 \$5.2064	\$7.6672 \$9.4162	\$9.8974 \$10.8807	
	4	\$17.0500		\$15.7186	\$5.9901	\$9.1033	\$4.4560	\$4.8190	\$6.8844	
	5 6	\$20.3297 \$23.5176		\$14.2853 \$16.4078	\$6.2836 \$11.2924	\$7.6032 \$12.4403	\$4.9501 \$8.7873	\$4.6433 \$4.6228	\$6.0448 \$4.0017	
Daily Base										
Reservation Rate 1/	RECEIPT		DELIVERY ZONE							
	ZONE	0	L	1	2	3	4	5	6	
	0 L	\$0.1543	\$0.1370	\$0.3225	\$0.4338	\$0.4415	\$0.4851	\$0.5149	\$0.6461	
	1	\$0.2323	,	\$0.2227	\$0.2964	\$0.4199	\$0.4135	\$0.4663	\$0.5734	
	2 3	\$0.4338		\$0.2946	\$0.1532	\$0.1432	\$0.1833	\$0.2521	\$0.3254	
	3 4	\$0.4415 \$0.5605		\$0.2334 \$0.5168	\$0.1545 \$0.1969	\$0.1114 \$0.2993	\$0.1712 \$0.1465	\$0.3096 \$0.1584	\$0.3577 \$0.2263	
	5	\$0.5605 \$0.6684		\$0.5168 \$0.4697	\$0.1969 \$0.2066	\$0.2993 \$0.2500	\$0.1465 \$0.1627	\$0.1584 \$0.1527	\$0.2263	
	6	\$0.7732		\$0.5394	\$0.3713	\$0.4090	\$0.2889	\$0.1527	\$0.1316	
Maximum Reservation Rates 2/, 3/					DELIVER	Y ZONE				
	RECEIPT ZONE	0	L	1	2	3	4	5	6	
	0 L	\$4.7400	\$4.2131	\$9.8553	\$13.2409	\$13.4745	\$14.8012	\$15.7080	\$19.6964	
	1	\$7.1125	Ψ 1.2131	\$6.8198	\$9.0606	\$12.8163	\$12.6227	\$14.2297	\$17.4870	
		\$13.2410		\$9.0065	\$4.7062	\$4.4024	\$5.6203	\$7.7129	\$9.9431	
		\$13.4745		\$7.1435	\$4.7439	\$3.4351	\$5.2521	\$9.4619	\$10.9264	
		\$17.0957		\$15.7643	\$6.0358	\$9.1490	\$4.5017	\$4.8647	\$6.9301	
	5 6	\$20.3754		\$14.3310	\$6.3293	\$7.6489	\$4.9958	\$4.6890	\$6.0905	
	ь	\$23.5633		\$16.4535	\$11.3381	\$12.4860	\$8.8330	\$4.6685	\$4.0474	

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.
- includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0457.

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Twenty Third Revised Sheet No. 15 Superseding Twenty Second Revised Sheet No. 15

RATES PER DEKATHERM

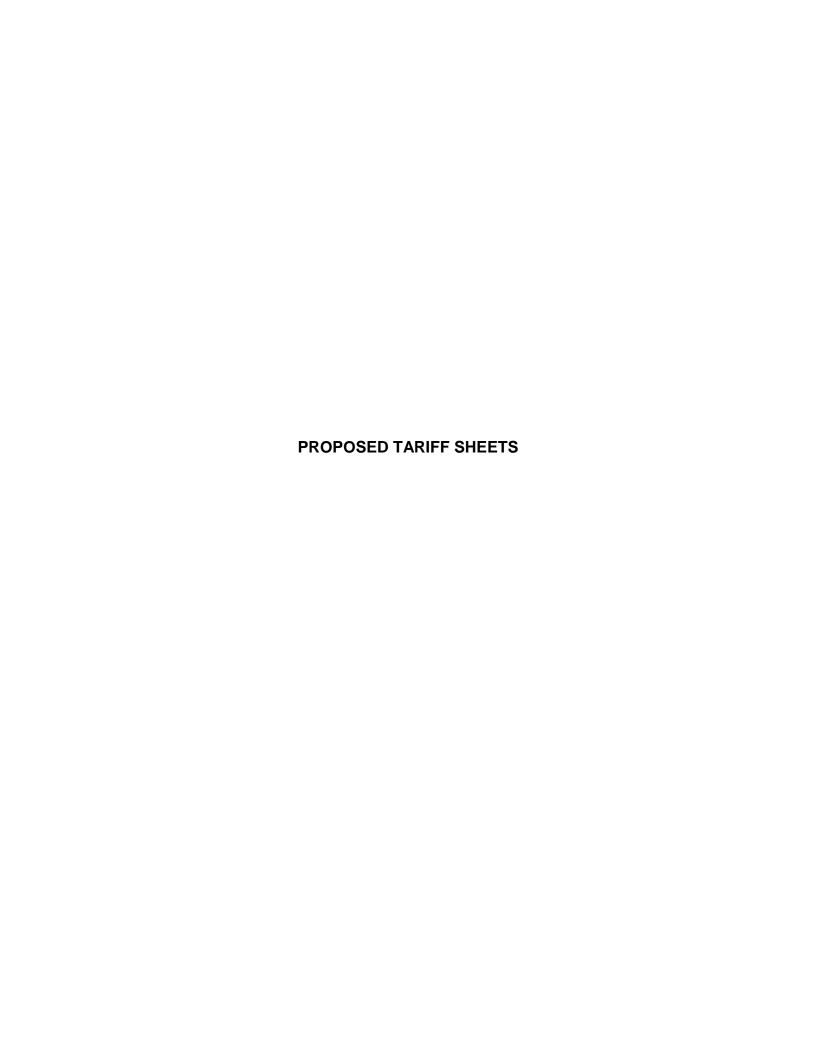
COMMODITY RATES RATE SCHEDULE FOR FT-A

Base Commodity Rates	D.E.O.E	_			DELIVERY Z	ONE			
	ZONE	0	L	1	2	3	4	5	6
	0 \$	0.0032		\$0.0115	\$0.0177	\$0.0219	\$0.2260	\$0.2157	\$0.2567
	L		\$0.0012		10.04.17		10.1000	10.10.50	
		0.0042		\$0.0081	\$0.0147	\$0.0179	\$0.1922	\$0.1960	\$0.2238
		0.0167 0.0207		\$0.0087 \$0.0169	\$0.0012 \$0.0026	\$0.0028 \$0.0002	\$0.0622 \$0.0831	\$0.0997 \$0.1150	\$0.1105 \$0.1256
		50.0250		\$0.0109	\$0.0020	\$0.0002	\$0.0331	\$0.1130	\$0.1230
		0.0230		\$0.0256	\$0.0100	\$0.0103	\$0.0541	\$0.0536	\$0.0666
		0.0346		\$0.0300	\$0.0143	\$0.0163	\$0.0833	\$0.0452	\$0.0274
Minimum									
Minimum Commodity Rates 1/, 2/ 	DECEID	-			DELIVERY Z	ONE			
	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 \$0.0250		\$0.0169 \$0.0205	\$0.0026 \$0.0087	\$0.0002 \$0.0105	\$0.0081 \$0.0028	\$0.0118 \$0.0046	\$0.0163 \$0.0092
	4 5	\$0.0250		\$0.0205	\$0.0087	\$0.0105	\$0.0028	\$0.0046	\$0.0092
	6	\$0.0264		\$0.0300	\$0.0100	\$0.0118	\$0.0046	\$0.0046	\$0.0000
Maximum Commodity Rates 1/, 2/, 3/					DELIVERY Z	ONE			
	ZONE	T 0	L	1	2	3	4	5	6
	0	\$0.0050		\$0.0133	\$0.0195	\$0.0237	\$0.2278	\$0.2175	\$0.2585
	L		\$0.0030						
	1	\$0.0060		\$0.0099	\$0.0165	\$0.0197	\$0.1940	\$0.1978	\$0.2256
	2	\$0.0185		\$0.0105	\$0.0030	\$0.0046	\$0.0640	\$0.1015	\$0.1123
	3	\$0.0225		\$0.0187	\$0.0044	\$0.0020	\$0.0849	\$0.1168	\$0.1274
	4	\$0.0268		\$0.0223	\$0.0105	\$0.0123	\$0.0403	\$0.0562	\$0.0899
	5	\$0.0302		\$0.0274	\$0.0118	\$0.0136	\$0.0559	\$0.0554	\$0.0684
	6	\$0.0364		\$0.0318	\$0.0161	\$0.0181	\$0.0851	\$0.0470	\$0.0292

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 \$0.0018.

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R

CURRENTLY EFFECTIVE BILLING RATES

33				Total	
SALES SERVICE	Base Rate <u>Charge</u> \$		djustment ^{1/} Commodity	Billing <u>Rate</u> \$	
RATE SCHEDULE GSR					
Customer Charge per billing period	19.75			19.75	
Delivery Charge per Mcf	5.2528	1.5476	1.4545	8.2549	R
RATE SCHEDULE GSO					
Commercial or Industrial					
Customer Charge per billing period	83.71			83.71	
Delivery Charge per Mcf -					
First 50 Mcf or less per billing period	3.2513	1.5476	1.4545	6.2534	R
Next 350 Mcf per billing period	2.5096	1.5476	1.4545	5.5117	R
Next 600 Mcf per billing period	2.3855	1.5476	1.4545	5.3571	R
Over 1,000 Mcf per billing period	2.1700	1.5476	1.4545	5.1721	R
RATE SCHEDULE IS					
Customer Charge per billing period	3982.30			3982.30	
Delivery Charge per Mcf	0.7000		4 45 452/	0.4000	
First 30,000 Mcf per billing period	0.7093		1.4545 ² /	2.1638	R
Next 70,000 Mcf per billing period	0.4378		1.4545 ² /	1.8923	R
Over 100,000 Mcf per billing period	0.2423		1.4545 ² /	1.6968	R
Firm Service Demand Charge Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		9.9791		9.9791	R
Volume (Mci) in Customer Service Agreement		9.9191		9.9191	K
RATE SCHEDULE IUS					
Customer Charge per billing period Delivery Charge per Mcf	945.24			945.24	
For All Volumes Delivered	1.1959	1.5476	1.4545	4.198	R

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 \$4.4142 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 July 28, 2023

DATE EFFECTIVE August 29, 2023 (Unit 1September)

ISSUED BY /s/ Kimra H. Cole

TITLE President & Chief Operating Officer

CURRENTLY EFFECTIVE BILLING RATES (Continued)										
TRANSPORTATION SERVICE	Base Rate Charge \$		Adjustment ^{1/} Commodity	Total Billing <u>Rate</u> \$						
RATE SCHEDULE SS Standby Service Demand Charge per Mcf Demand Charge times Daily Firm Volume (Mcf) in Customer Service Agreement Standby Service Commodity Charge per Mcf	Ψ	9.9791	Ψ 1.4545	9.9791 1.4545	R R					
RATE SCHEDULE DS										
Customer Charge per billing period ^{2/} Customer Charge per billing period (GDS only) Customer Charge per billing period (IUDS only)				3982.30 83.71 945.24						
Delivery Charge per Mcf ^{2/} First 30,000 Mcf Next 70,000 Mcf Over 100,000 Mcf	0.7093 0.4378 0.2423			0.7093 0.4378 0.2423						
 Grandfathered Delivery Service First 50 Mcf or less per billing period Next 350 Mcf per billing period Next 600 Mcf per billing period All Over 1,000 Mcf per billing period Intrastate Utility Delivery Service 				3.2513 2.5096 2.3855 2.1700						
All Volumes per billing period				1.1959						
Banking and Balancing Service Rate per Mcf		0.0363		0.0363						
RATE SCHEDULE MLDS										
Customer Charge per billing period Delivery Charge per Mcf Banking and Balancing Service				260.11 0.0867						
Rate per Mcf		0.0363		0.0363						

^{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.

DATE OF ISSUE July 28, 2023

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ISSUED BY /s/ Kimra H. Cole

TITLE President & Chief Operating Officer

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

CURRENTLY EFFECTIVE BILLING RATES (Continued)

RATE SCHEDULE SVGTS	<u>Base Rate Charge</u> \$	
General Service Residential (SGVTS GSR)	•	
Customer Charge per billing period Delivery Charge per Mcf	19.75 5.2528	
General Service Other - Commercial or Industrial (SVG	TS GSO)	
Customer Charge per billing period Delivery Charge per Mcf -	83.71	
First 50 Mcf or less per billing period Next 350 Mcf per billing period Next 600 Mcf per billing period	3.2513 2.5096 2.3855	
Over 1,000 Mcf per billing period	2.1700	
Intrastate Utility Service		
Customer Charge per billing period Delivery Charge per Mcf	945.24 \$ 1.1959	
	Billing Rate	
Actual Gas Cost Adjustment 1/		
For all volumes per billing period per Mcf	(\$1.1811)	R
RATE SCHEDULE SVAS		
Balancing Charge – per Mcf	\$1.0862	R

^{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 July 28, 2023

DATE EFFECTIVE August 29, 2023 (Unit 1 September)

ISSUED BY /s/ Kimra H. Cole

TITLE President & Chief Operating Officer