

**BEFORE THE
PUBLIC SERVICE COMMISSION
OF KENTUCKY**

COLUMBIA GAS OF KENTUCKY, INC.

CASE 2022 – 00127

**GAS COST ADJUSTMENT AND REVISED RATES OF
COLUMBIA GAS OF KENTUCKY, INC. PROPOSED TO BECOME
EFFECTIVE JUNE 2022 BILLINGS**

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

Line No.	March 2022 <u>CURRENT</u>	June 22 <u>PROPOSED</u>	<u>DIFFERENCE</u>
1 Commodity Cost of Gas	\$3.7797	\$6.8648	\$3.0851
2 Demand Cost of Gas	<u>\$1.6657</u>	<u>\$1.7075</u>	<u>\$0.0418</u>
3 Total: Expected Gas Cost (EGC)	\$5.4454	\$8.5723	\$3.1269
4 SAS Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
5 Balancing Adjustment	\$0.0003	\$0.0403	\$0.0400
6 Supplier Refund Adjustment	\$0.0000	(\$0.3491)	(\$0.3491)
7 Actual Cost Adjustment	\$1.0186	\$0.6342	(\$0.3844)
8 Performance Based Rate Adjustment	<u>\$0.1555</u>	<u>\$0.3314</u>	<u>\$0.1759</u>
9 Cost of Gas to Tariff Customers (GCA)	\$6.6198	\$9.2291	\$2.6093
10 Banking and Balancing Service	\$0.0320	\$0.0332	\$0.0012
11 Rate Schedule FI and GSO			
12 Customer Demand Charge	\$9.2423	\$9.1283	(\$0.1140)

Columbia Gas of Kentucky, Inc.

Gas Cost Adjustment Clause

Gas Cost Recovery Rate

Jun 22 - Aug 22

<u>Line No.</u>	<u>Description</u>		<u>Amount</u>	<u>Expires</u>	
1	Expected Gas Cost (EGC)	Schedule No. 1	\$8.5723	08-31-22	
2	Total Actual Cost Adjustment (ACA)	Schedule No. 2	\$0.6342		
		Case No. 2021-00308	(\$0.2736)	08-31-22	
		Case No. 2021-00403	\$0.5476	11-30-22	
		Case No. 2022-00026	\$0.9017	02-28-23	
		Case No. 2022-00127	(\$0.5415)	05-31-23	
3	Total Supplier Refund Adjustment (RA)	Schedule No. 4	Case No. 2022-00127	(\$0.3491)	
4	Balancing Adjustment (BA)	Schedule No. 3	Case No. 2022-00127	\$0.0403	08-31-22
5	Performance Based Rate Adjustment (PBRA)	Schedule No. 6	Case No. 2022-00127	\$0.3314	05-31-23
6	Gas Cost Adjustment				
7	Jun 22 - Aug 22		<u>\$9.2291</u>		
8	Expected Demand Cost (EDC) per Mcf				
9	(Applicable to Rate Schedule IS/SS and GSO)	Schedule No. 1, Sheet 4	<u>\$9.1283</u>		

DATE FILED: April 29, 2022

BY: J. M. Cooper

Columbia Gas of Kentucky, Inc.
Expected Gas Cost for Sales Customers
Jun 22 - Aug 22

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			0		\$0.0153	\$0
2	Injection			4,280,658		\$0.0153	\$65,494
3	Withdrawals: gas cost includes pipeline fuel and commodity charges			0		\$5.8126	\$0
Total							
4	Volume	Line 3		0			
5	Cost	Line 1 + Line 2 + Line 3					\$65,494
6	Summary	Line 4 or Line 5		0			\$65,494
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		766,733			\$4,447,054
8	Appalachian Supplies	Sch.1, Sht. 6, Ln. 4		10,926			\$69,897
9	Less Fuel Retention By Interstate Pipelines	Sch. 1,Sheet 7, Lines 21, 22		(112,525)			(\$593,301)
10	Total	Line 7 + Line 8 + Line 9		665,135			\$3,923,650
Total Supply							
11	At City-Gate	Line 6 + Line 10		665,135			\$3,989,144
Lost and Unaccounted For							
12	Factor			-0.3%			
13	Volume	Line 11 * Line 12		(1,995)			
14	At Customer Meter	Line 11 + Line 13	602,307	663,140			
15	Less: Right-of-Way Contract Volume			120			
16	Sales Volume	Line 14-Line 15	602,187				
Unit Costs \$/MCF							
Commodity Cost							
17	Excluding Cost of Pipeline Retention	Line 11 / Line 16				\$6.6244	
18	Annualized Unit Cost of Retention	Sch. 1,Sheet 7, Line 24				<u>\$0.2111</u>	
19	Including Cost of Pipeline Retention	Line 17 + Line 18				\$6.8355	
20	Uncollectible Ratio	CN 2021-00183				<u>0.00428000</u>	
21	Gas Cost Uncollectible Charge	Line 19 * Line 20				<u>\$0.0293</u>	
22	Total Commodity Cost	Line 19 + Line 21				\$6.8648	
23	Demand Cost	Sch.1, Sht. 2, Line 10				<u>\$1.7075</u>	
24	Total Expected Gas Cost (EGC)	Line 22 + Line 23				\$8.5723	

A/ BTU Factor = 1.1010 Dth/MCF

Columbia Gas of Kentucky, Inc.
GCA Unit Demand Cost
Jun 22 - Aug 22

Schedule No. 1
 Sheet 2

<u>Line No.</u>	<u>Description</u>	<u>Reference</u>	<u>Cost</u>
1	Expected Demand Cost: Annual Jun 22 - Aug 22	Sch. No.1, Sheet 3, Ln. 11	\$24,276,307
2	Less Rate Schedule IS/SS and GSO Customer Demand Charge Recovery	Sch. No.1, Sheet 4, Ln. 10	(\$118,278)
3	Less Storage Service Recovery from Delivery Service Customers		<u>(\$337,052)</u>
4	Net Demand Cost Applicable	Line 1 + Line 2 + Line 3	\$23,820,977
	Projected Annual Demand: Sales + Choice		
	At city-gate		
	In Dth		15,408,930 Dth
	Heat content		1.1010 Dth/MCF
5	In MCF		13,995,395 MCF
	Lost and Unaccounted - For		
6	Factor		0.3%
7	Volume	Line 5 x Line 6	41,986 MCF
8	Right of way Volumes		<u>2,994</u> MCF
9	At Customer Meter	Line 5 - Line 7 - Line 8	<u>13,950,415</u> MCF
10	Unit Demand Cost -- To Sheet 1, Line 23	Line 4 / Line 9	\$1.7075 per MCF

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

Schedule No. 1
 Sheet 3

<u>Line No.</u>	<u>Description</u>	<u>Dth</u>	<u>Monthly Rate \$/Dth</u>	<u># Months</u>	<u>Expected Annual Demand Cost</u>
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	\$9.8100	12	\$2,356,048
6	Firm Transportation Service (FTS)	5,124	\$9.8100	12	\$603,197
7	Subtotal -- Sum of Lines 1 through 6				\$23,390,937
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				\$24,276,307

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

Jun 22 - May 23

Line No.	Description	Capacity			Units	Annual Cost
		Daily (1)	# Months (2)	Annualized (3) = (1) x (2)		
1	Expected Demand Costs (Per Sheet 3)					\$24,276,307
	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			\$9.4774	/Mcf	
8	Firm Volumes of IS/SS and GSO Customers	1,040	12	12,480	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	\$118,278
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			\$9.1283		

Columbia Gas of Kentucky, Inc.
Non-Appalachian Supply: Volume and Cost
Jun 22 - Aug 22

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)	Dth (5) = (1) + (4)
1	June 22	1,763,334	\$10,145,111		(1,510,044)	253,290	
2	Jul-22	1,658,472	\$9,711,466		(1,398,858)	259,614	
3	Aug-22	1,625,585	\$9,400,546		(1,371,756)	253,829	
4	Total -- Sum of Lines 1 through 3	5,047,391	\$29,257,124	\$5.80	(4,280,658)	766,733	\$4,447,054

A/ Gross, before retention.

Columbia Gas of Kentucky, Inc.
Appalachian Supply: Volume and Cost
Jun 22 - Aug 22

Schedule No. 1
Sheet 6

<u>Line</u> <u>No.</u>	<u>Month</u>	<u>Dth</u> (2)	<u>Cost</u> (3)
1	June 22	4,061	\$25,811
2	Jul-22	3,358	\$21,559
3	Aug-22	3,507	\$22,527
4	Total -- Sum of Lines 1 through 3	10,926	\$69,897

Columbia Gas of Kentucky, Inc.
Annualized Unit Charge for Gas Retained by Upstream Pipelines
Jun 22 - Aug 22

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				Jun 22 - May 23
			Jun 22 - Aug 22	Sep 22 - Nov 22	Dec 22 - Feb 23	Mar 23 - May 23	
Gas purchased by CKY for the remaining sales customers							
1	Volume	Dth	5,058,318	2,497,106	1,772,100	3,667,290	12,994,814
2	Commodity Cost Including Transportation		\$29,327,021	\$13,654,668	\$11,115,736	\$14,419,221	\$68,516,647
3	Unit cost	\$/Dth					\$5.2726
Consumption by the remaining sales customers							
4	At city gate	Dth	665,135	2,107,768	7,020,343	2,751,418	12,544,664
5	Lost and unaccounted for portion		0.30%	0.30%	0.30%	0.30%	
At customer meters							
6	In Dth = (100% - Line 5) x Line 4	Dth	663,140	2,101,445	6,999,282	2,743,164	12,507,031
7	Heat content	Dth/MCF	1.1010	1.1010	1.1010	1.1010	
8	In MCF = Line 6 / Line 7	MCF	602,307	1,908,669	6,357,204	2,491,520	11,359,700
9	Portion of annual -- Line 8 / Annual		5.3%	16.8%	56.0%	21.9%	100.0%
Gas retained by upstream pipelines							
10	Volume	Dth	112,525	77,868	155,523	109,124	455,040
Cost							
11	Quarterly -- Deduct from Sheet 1 -- Line 3 x Line 10		To Sheet 1, line 9 \$593,301	\$410,568	\$820,013	\$575,369	\$2,399,251
12	Allocated to quarters by consumption		\$127,160	\$403,074	\$1,343,581	\$525,436	\$2,399,251
13	Annualized unit charge -- Line 12 / Line 8	\$/MCF	To Sheet 1, line 18 \$0.2111	\$0.2112	\$0.2113	\$0.2109	\$0.2112

COLUMBIA GAS OF KENTUCKY, INC.

Schedule No. 1

Sheet 8

**DETERMINATION OF THE BANKING AND
BALANCING CHARGE
FOR THE PERIOD BEGINNING JUNE 2022**

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	11,193,172		
3	Contract Tolerance Level @ 5%	559,659		
4	Percent of Annual Storage Applicable to Transportation Customers		5.23%	
6	Seasonal Contract Quantity (SCQ)			
7	Rate		\$0.0467	
8	SCQ Charge - Annualized		<u>\$5,998,454</u>	
9	Amount Applicable To Transportation Customers			\$313,719
10	FSS Injection and Withdrawal Charge			
11	Rate		0.0306	
12	Total Cost		<u>\$327,539</u>	
13	Amount Applicable To Transportation Customers			\$17,130
14	SST Commodity Charge			
15	Rate		0.0126	
16	Projected Annual Storage Withdrawal, Dth		9,413,081	
17	Total Cost		<u>\$118,605</u>	
18	Amount Applicable To Transportation Customers			<u>\$6,203</u>
19	Total Cost Applicable To Transportation Customers			<u>\$337,052</u>
20	Total Transportation Volume - Mcf			17,130,869
21	Flex and Special Contract Transportation Volume - Mcf			(6,964,500)
22	Net Transportation Volume - Mcf -- Line 20 + Line 21			10,166,369
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. 2022-00127 Effective June 2022 Billing Cycle

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

	\$/MCF
Demand Component of Gas Cost Adjustment	
Demand Cost of Gas (Schedule No. 1, Sheet 1, Line 23)	\$1.7075
Demand ACA (Schedule No. 2, Sheet 1, Case No. 2021-00308, Case No. 2021-00403, Case No. 2022-00026, & Case No. 2022-00127)	\$0.1146
Refund Adjustment (Schedule No. 4, Case No. 2022-00127)	<u>(\$0.3491)</u>
Total Demand Rate per Mcf	\$1.4730 <--- to Att. E, line 11

Commodity Component of Gas Cost Adjustment	
Commodity Cost of Gas (Schedule No. 1, Sheet 1, Line 22)	\$6.8648
Commodity ACA (Schedule No. 2, Sheet 1, Case No. Case No. 2021-00308, Case No. 2021-00403, Case No. 2022-00026 & Case No. 2022-00127)	\$0.5196
Balancing Adjustment	\$0.0403
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2022-00127)	<u>\$0.3314</u>
Total Commodity Rate per Mcf	\$7.7561

CHECK	\$1.4730
COST OF GAS TO TARIFF CUSTOMERS (GCA)	<u>\$7.7561</u>
	\$9.2291

Calculation of Rate Schedule SVGTS - Actual Gas Cost Adjustment	
Commodity ACA (Schedule No. 2, Sheet 1, Case No. Case No. 2021-00308, Case No. 2021-00403, Case No. 2022-00026 & Case No. 2022-00127)	\$0.5196
Balancing Adjustment	\$0.0403
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>\$0.5422</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 FEBRUARY 28, 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	December 2021	1,575,792	1,020	1,574,772	\$6.7677	\$10,657,659	\$16,001	(\$9,790)	\$10,683,449	\$5,294,035	(\$5,389,415)
2	January 2022	1,906,536	463	1,906,073	\$6.6206	\$12,619,371	\$11,968	(\$5,337)	\$12,636,675	\$12,714,181	\$77,506
3	February 2022	2,385,952	1,284	2,384,668	\$6.8670	\$16,375,567	\$16,145	(\$7,403)	\$16,399,115	\$15,748,368	(\$650,747)
4	TOTAL	5,868,280	2,767	5,865,513		\$39,652,596	\$44,114	(\$22,529)	\$39,719,239	\$33,756,584	(\$5,962,655)
5	Off-System Sales										(\$157,631)
6	Capacity Release										\$0
7	Gas Cost Audit										\$0
8	TOTAL (OVER)/UNDER-RECOVERY										<u>(\$6,120,286.53)</u>
9	Demand Revenues Received										\$9,818,373
10	Demand Cost of Gas										<u>\$3,900,219</u>
11	Demand (Over)/Under Recovery										<u>(\$5,918,154)</u>
12	Expected Sales Volumes for the Twelve Months End May 31, 2023										<u>11,357,011</u>
13	DEMAND ACA TO EXPIRE MAY 31, 2023										(\$0.5211)
14	Commodity Revenues Received										\$29,900,863
15	Commodity Cost of Gas										<u>\$29,698,733</u>
16	Commodity (Over)/Under Recovery										(\$202,129)
17	Gas Cost Uncollectible ACA										<u>(\$29,988.51)</u>
18	Total Commodity (Over)/Under Recovery										<u>(\$232,118)</u>
19	Expected Sales Volumes for the Twelve Months End May 31, 2023										<u>11,357,011</u>
20	COMMODITY ACA TO EXPIRE MAY 31, 2023										(\$0.0204)
21	TOTAL ACA TO EXPIRE MAY 31, 2023										<u>(\$0.5415)</u>

**STATEMENT SHOWING ACTUAL COST
 RECOVERY FROM CUSTOMERS TAKING STANDBY
 SERVICE UNDER RATE SCHEDULE IS AND GSO
 FOR THE THREE MONTHS ENDED FEBRUARY 28, 2022**

<u>LINE NO.</u>	<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	December 2021	1,020	\$3.4849	\$3,555
2	January 2022	463	\$5.0881	\$2,356
3	February 2022	1,284	\$5.0881	\$6,533
4	Total SS Commodity Recovery			<u>\$12,444</u>
<u>LINE NO.</u>	<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	December 2021	1,040	\$11.9675	\$12,446
6	January 2022	1,040	\$9.2423	\$9,612
7	February 2022	1,040	\$9.2423	\$9,612
8	Total SS Demand Recovery			<u>\$31,670</u>
9	TOTAL SS AND GSO RECOVERY			<u><u>\$44,114</u></u>

Columbia Gas of Kentucky, Inc.
Gas Cost Uncollectible Charge - Actual Cost Adjustment
For the Three Months Ending February 28, 2022

Schedule No. 2
Sheet 3 of 3

Line No.	Class	<u>Dec-21</u>	<u>Jan-22</u>	<u>Feb-22</u>	<u>Total</u>
1	Actual Cost	\$ 81,812	\$ 26,304	\$ 56,333	\$ 164,450
2	Actual Recovery	<u>\$ 73,584</u>	<u>\$ 63,881</u>	<u>\$ 56,973</u>	<u>\$ 194,438</u>
3	(Over)/Under Activity	\$ 8,228	\$ (37,576)	\$ (640)	\$ (29,989)

BALANCING ADJUSTMENT

SCHEDULE NO. 3

COLUMBIA GAS OF KENTUCKY, INC.

**CALCULATION OF BALANCING ADJUSTMENT
TO BE EFFECTIVE JUNE 1, 2022**

<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. 2021-00403	\$44,122	
4	Less: actual amount collected	<u>\$42,280</u>	
5	REMAINING AMOUNT		\$1,843
6	<u>RECONCILIATION OF PREVIOUS ACTUAL COST ADJUSTMENT</u>		
7	Total adjustment to have been collected from		
8	customers in Case No. 2021-00027	\$1,650,603	
9	Less: actual amount collected	<u>\$1,628,165</u>	
10	REMAINING AMOUNT		<u>\$22,438</u>
11	TOTAL BALANCING ADJUSTMENT AMOUNT		<u><u>\$24,280</u></u>
12	Divided by: projected sales volumes for the three months		
13	ended August 31, 2022		602,064
14	BALANCING ADJUSTMENT (BA) TO		
15	EXPIRE AUGUST 31, 2022		<u><u>\$ 0.0403</u></u>

Columbia Gas of Kentucky, Inc.
Balancing Adjustment
Supporting Data

Case No. 2021-00403

Expires: February 28, 2022

	<u>Volume</u>	<u>Surcharge Rate</u>	<u>Surcharge Amount</u>	<u>Surcharge Balance</u>
Beginning Balance				\$44,122
December 2021	1,553,491	\$0.0070	\$10,874	\$33,248
January 2022	1,895,123	\$0.0070	\$13,266	\$19,982
February 2022	2,600,918	\$0.0070	\$18,206	\$1,776
March 2022	(9,599)	\$0.0070	(\$67)	\$1,843

TOTAL SURCHARGE COLLECTED

SUMMARY:

SURCHARGE AMOUNT	\$44,122
AMOUNT COLLECTED	<u>\$42,280</u>
REMAINING BALANCE	<u><u>\$1,843</u></u>

Columbia Gas of Kentucky, Inc.
Actual Cost Adjustment YR2020 QTR4
Supporting Data

Case No. 2021-00027

Expires: February 28, 2022

	Tariff		Choice			Refund Balance	
	Volume	Refund Rate	Refund Amount	Volume	Refund Rate		Refund Amount
						\$1,650,603	
Mar-21	1,782,032	\$0.1471	\$262,137	7,570	(\$0.0192)	(\$145)	\$1,388,611
Apr-21	840,298	\$0.1471	\$123,608	4,965	(\$0.0192)	(\$95)	\$1,265,099
May-21	567,694	\$0.1471	\$83,508	4,474	(\$0.0192)	(\$86)	\$1,181,677
Jun-21	296,386	\$0.1471	\$43,598	3,278	(\$0.0192)	(\$63)	\$1,138,142
Jul-21	212,696	\$0.1471	\$31,288	4,298	(\$0.0192)	(\$83)	\$1,106,936
Aug-21	199,442	\$0.1471	\$29,338	2,277	(\$0.0192)	(\$44)	\$1,077,642
Sep-21	205,719	\$0.1471	\$30,261	2,570	(\$0.0192)	(\$49)	\$1,047,430
Oct-21	247,470	\$0.1471	\$36,403	2,146	(\$0.0192)	(\$41)	\$1,011,069
Nov-21	688,941	\$0.1471	\$101,343	2,533	(\$0.0192)	(\$49)	\$909,774
Dec-21	1,558,833	\$0.1471	\$229,304	4,735	(\$0.0192)	(\$91)	\$680,561
Jan-22	1,890,710	\$0.1471	\$278,124	4,413	(\$0.0192)	(\$85)	\$402,522
Feb-22	2,594,836	\$0.1471	\$381,700	6,081	(\$0.0192)	(\$117)	\$20,938
Mar-22	(10,125)	\$0.1471	(\$1,489)	526	(\$0.0192)	(\$10)	\$22,438

SUMMARY:

REFUND AMOUNT 1,650,603

LESS

AMOUNT REFUNDED 1,628,165

TOTAL REMAINING REFUND 22,438

Supplier Refund Adjustment

SCHEDULE NO. 4

COLUMBIA GAS OF KENTUCKY, INC.

SUPPLIER REFUND ADJUSTMENT

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>
1	To Be Passed Back to Customers	
2	Refund from Columbia Gas Transmission (May 2023)	\$5,997,313
3	Refund Adjustment	<u>(\$246,079)</u>
		\$5,751,234
4	Interest on Refund Balances	\$10,496
5	Total Refund	\$5,761,730
6	Projected Sales for the Twelve Months Ended May 31, 2023	16,504,234
7	TOTAL SUPPLIER REFUND TO EXPIRE May 31, 2023	<u><u>\$0.3491</u></u>

178 FERC ¶ 61,144
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: Richard Glick, Chairman;
James P. Danly, Allison Clements,
Mark C. Christie, and Willie L. Phillips.

Columbia Gas Transmission, LLC

Docket Nos. RP20-1060-005
RP21-565-001
RP21-687-002

ORDER APPROVING SETTLEMENT WITH MODIFICATION

(Issued February 25, 2022)

1. On October 29, 2021, Columbia Gas Transmission, LLC (Columbia) filed a stipulation and agreement of final settlement (Settlement) pursuant to Rule 602 of the Commission's Rules of Practice and Procedure.¹ The Settlement resolves all outstanding issues in root Docket Nos. RP20-1060-000, RP20-1159-000, RP21-565-000, RP21-687-000, and all sub-dockets thereof. All parties before the Settlement Judge either support or do not oppose the Settlement. On December 17, 2021, the Settlement Judge certified the Settlement to the Commission as an uncontested settlement.² As discussed below, we approve the Settlement as proposed with one modification. Subject to the notice and consent procedures under Article IV, we direct Columbia to file in the various outstanding dockets as needed to implement the Settlement.

2. Article I sets out the procedural histories of the relevant proceedings. Docket Nos. RP20-1060-000 and RP20-1159-000 cover Columbia's general rate case filing. This was Columbia's first general rate case since it agreed in 2016 to the Modernization II Settlement.³ Several parties objected that the new rate case filing contravened the moratorium provision in the Modernization II Settlement; that issue was resolved in a separate Partial Settlement, which the Commission approved on September 7, 2021.⁴

¹ 18 C.F.R. § 385.602(g)(3) (2021).

² *Columbia Gas Transmission, LLC*, 177 FERC ¶ 63,025 (2021).

³ *See Columbia Gas Transmission, LLC*, 154 FERC ¶ 61,208 (2016) (approving Modernization II Settlement).

⁴ *Columbia Gas Transmission, LLC*, 176 FERC ¶ 61,152.

The Partial Settlement also resolved Docket No. RP21-351-000. Docket No. RP21-565-000 contains Columbia's most recent annual Transportation Costs Rate Adjustment filing; Docket No. RP21-687-000 contains Columbia's most recent annual Operational Transaction Rate Adjustment filing. Both of these proceedings had been held in abeyance, pending the general rate case.

3. Article II establishes that the Settlement is an indivisible whole. Article III defines who is considered a settling party, and also covers certain potential disputes. Article IV defines the effective date and sets forth the rights of parties should the Commission issue an order approving the Settlement subject to a modification(s) or condition(s); most notably, section IV.A.1 creates a seven-day notice period for parties to object to any modification the Commission may make. If any party objects, IV.A.2 reconvenes the Settling Parties to work on an Amended Settlement.

4. Article V establishes a rate moratorium from February 1, 2021 until April 1, 2025. Article V also clarifies the limits of the moratorium, for example by defining Columbia's ability to respond to future changes in environmental and/or tax law. Article V.B establishes a comeback provision that requires Columbia to file a general rate case under section 4 of the Natural Gas Act (NGA), in which the proposed rates shall become effective no later than April 1, 2026.

5. Article VI discusses the rates established by the Settlement. These rates are detailed in the *pro forma* tariff records filed as Appendices B-1 (Period I), B-2 (Period II), and B-3 (Gathering) to the settlement. (Appendix B-4 contains non-rate *pro forma* tariff records.) Period I covers transportation and storage rates from February 1, 2021 through March 31, 2023; Period II covers transportation and storage rates from April 1, 2023 through the end of the term of the Settlement. Gathering rates remain constant throughout the term of the Settlement, with a provision preserving certain rights under section 7 of the NGA. Article VI also discusses refunds.

6. Article VII permits Columbia to maintain regulatory assets for Modernization II Settlement property taxes, rate case costs, COVID-19 costs, and Pipeline and Hazardous Materials Administration maximum allowable operating pressure compliance. Article VIII discusses depreciation and negative salvage. Article IX discusses the roll-in of expansion projects.

7. Article X discusses greenhouse gas leaks and other forms of lost and unaccounted-for gas on the system and establishes a plan to mitigate such losses. Further development and implementation of the loss-mitigation plan is delegated to a steering committee comprising Columbia, several shippers, trade group representatives, and the Pennsylvania Office of Consumer Advocate, plus non-voting participation by Commission Trial Staff and an independent consultant.

8. Article XI extends the Capital Cost Recovery Mechanism (CCRM) for a third term, coterminous with the term of the Settlement. Article XI.A requires Columbia to make an annual general plant maintenance investment of at least \$150 million. Article XI.B defines which facilities are eligible for CCRM funding. Article XI.C provides a governance mechanism for reviewing the list of eligible facilities. Articles XI.D and XI.E place limitations and accounting requirements on the CCRM. Articles XI.G and XI.H explain how the annual CCRM rates will be derived and converted to billing determinants. Articles XI.O and XI.P discuss information requirements. Article XI.Q prevents Columbia from implementing any similar recovery mechanism other than the CCRM during the term of the Settlement.

9. Article XIII explains how the current Settlement builds upon and reaffirms the earlier Partial Settlement. Article XIV states that Columbia shall file to implement the *pro forma* Tariff records contained in Appendix B-4 to the Settlement within 30 days of Commission issuance of a final order. Lastly, Article XV contains legal reservations. Article XV.C states:

The standard of review to be applied by the Commission in considering any change to any provision of this Settlement shall be the “public interest” standard set forth in *United Gas Pipe Line Co. v. Mobile Gas Serv. Corp.*, 350 U.S. 332 (1956) and *FPC v. Sierra Pacific Power Co.*, 350 U.S. 348 (1956), except that with respect to any such change sought by a non-settling third party or the Commission acting *sua sponte*, the standard of review to be applied by the Commission shall be the “just and reasonable” standard.

10. We find that the uncontested Settlement appears to be fair and reasonable and in the public interest, subject to one modification. Article X calls for participation by Commission Trial Staff in post-settlement discussions. Subject to the notice and consent procedures under Article IV, we direct Columbia to modify the settlement by removing the references to Trial Staff in Article X.⁵ We do not find that this changes the intent of the Settlement; however, if any party wishes to invoke their rights to object, they may do so under the seven-day notice provision in Article IV of the Settlement.

11. Pursuant to Settlement section IV.A.1(b), as we are approving the Settlement with modification, the Settlement as modified shall be deemed accepted as of the eighth day

⁵ Parties may contact the Commission’s Dispute Resolution Service (DRS) at any time at ferc.adr@ferc.gov. DRS staff is not involved in the Commission’s decisional processes and does not advocate positions or conduct investigations. *See generally Separation of Functions*, 101 FERC ¶ 61,340, at P 30 (2002); <https://www.ferc.gov/enforcement-legal/legal/alternative-dispute-resolution>.

after the date of the order approving the Settlement, and the effective date shall be the date of the order approving this Settlement, unless one of the settling parties files notice in this docket within seven days of the date of this order. If any parties file such notice of objection, then pursuant to section IV.A.2(a), we direct the Settlement Judge to report within 21 days of the date of this order as to whether the parties can agree to an Amended Settlement.

12. If this order clears the seven-day notice period without objection, we direct Columbia to make a compliance filing in eTariff format as required by Order No. 714,⁶ to reflect the Commission's action in this order. Settling parties state that the Settlement resolves all remaining issues in Docket Nos. RP20-1060-000, RP20-1159-000, RP21-351-000, RP21-565-000, RP21-687-000. Accordingly, if this order clears the seven-day notice period without objection, Columbia's requests for rehearing in Docket Nos. RP21-565-001 and RP21-687-002 automatically will be deemed withdrawn. The Commission's approval of the Settlement does not constitute approval of, or precedent regarding, any principle or issue in these proceedings.

By the Commission. Commissioner Danly is concurring with a separate statement attached.

(S E A L)

Debbie-Anne A. Reese,
Deputy Secretary.

⁶ See *Electronic Tariff Filings*, Order No. 714, 124 FERC ¶ 61,270 (2008), *order on reh'g*, Order No. 714-A, 147 FERC ¶ 61,115 (2014).

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Columbia Gas Transmission, LLC

Docket Nos. RP20-1060-005
RP21-565-001
RP21-687-002

(Issued February 25, 2022)

DANLY, Commissioner, *concurring*:

I agree with the Commission’s decision to approve, with one modification, Columbia Gas Transmission, L.L.C.’s Stipulation and Agreement of Settlement (Settlement). As I stated in my separate statement in *Kinetica Deepwater Express, LLC*, I suggest to anyone participating in the natural gas industry that it might be prudent to be clearer in your settlement agreements as to whether you are actually a party to that agreement.¹ Though I understand that the use of an appendix listing parties that “either support or do not oppose” a settlement is common in the industry, situations will almost certainly arise in which an entity’s status as party or non-party to a settlement will be dispositive.² This will be even more important should the issue be presented to a body less indifferent to fundamentals of contract law than this Commission.

For these reasons, I respectfully concur.

James P. Danly
Commissioner

¹ *Kinetica Deepwater Express, LLC*, 175 FERC ¶ 61,048 (2021) (Danly, Comm’r, concurring in part and dissenting in part at P 10 n.12).

² Settlement at Appendix A.

PERFORMANCE BASED RATE ADJUSTMENT
SCHEDULE NO. 6

COLUMBIA GAS OF KENTUCKY, INC.**CALCULATION OF PERFORMANCE BASED RATE ADJUSTMENT****Effective Billing Unit 1 June 2022**

<u>Month</u>	<u>Gas Cost</u>	<u>Transportation Cost</u>	<u>Off-System Sales</u>	<u>Company Performance Share</u>
February 2021	2,116.65	238,826.62	3,544.66	244,487.93
March 2021	2,470.80	245,098.83	421.38	247,991.01
April 2021	4,312.87	176,093.07	3,323.32	183,729.26
May 2021	383.09	129,032.13	1,142.32	130,557.54
June 2021	8,956.38	110,921.73	5,038.65	124,916.76
July 2021	16,373.14	118,316.64	23,266.79	157,956.57
August 2021	23,716.16	112,871.49	31,824.15	168,411.80
September 2021	60,822.34	121,814.78	45,169.90	227,807.02
October 2021	15,303.84	240,592.18	31,359.89	287,255.91
November 2021	71,616.79	270,977.26	34,841.86	377,435.91
December 2021	1,574.18	343,644.21	19,377.84	364,596.23
January 2022	24,752.94	370,475.14	33,741.14	428,969.22
February 2022	53,328.09	356,108.74	20,517.23	429,954.06
March 2022	483.73	346,048.24	43,054.26	389,586.23
Company Performance Share	286,211.00	3,180,821.06	296,623.39	\$ 3,763,655.45
Projected Sales Volumes for the 12 Months Ended May 31, 2023				11,357,011
Performance Based Rate Adjustment to Expire May 31, 2023				\$ 0.3314

FEBRUARY 2021

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Feb-21

		Pipeline	Contract Number	Rate Sched	P/L MDQ	Max Rate	Calculation	Estimate	Actual
BENCHMARK	(TBTC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60	\$0.00
		TCO	80160	SST	209,880	\$4.1850	Demand Vol @ Max Rate	\$878,347.80	\$0.00
		TCO	80160	SST	209,880	\$6.5491	Demand Vol @ Max Rate	\$0.00	\$1,374,525.11
							Benchmark Cost	\$951,637.40	\$1,374,525.11
			0						
			0						
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Disc Rate	\$73,289.60	
		TCO	80160	SST	209,880	\$4.1850	Demand Vol @ Disc Rate	\$878,347.80	\$878,347.80
							CKY Negotiated Cost	\$951,637.40	\$878,347.80
TCI Negotiated Contract Revenue								\$0.00	\$496,177.31
Marketed Cap Release		TCO	SST		8,000	\$2.3230		\$18,584.00	\$18,584.00
Marketed Cap Release		TCO	SST		5,500	\$2.5200		\$13,860.00	\$13,860.00
Marketed Cap Release		TCO	SST		27,200	\$3.0800		\$83,776.00	\$83,776.00
Marketed Cap Release		TCO	SST		22,500	\$3.3600		\$75,600.00	\$75,600.00
Marketed Cap Release		TCO	SST		1,000	\$2.3000		\$2,300.00	\$2,300.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00	\$0.00
TCI Marketed Capacity Release Revenue								\$194,120.00	\$194,120.00
Total TCI								\$194,120.00	\$690,297.31

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Jan-00	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$12.603	\$5.939	112.21%	\$8.8809

PSC Order Effective 7/24/20 with an expiration date of 3/31/21

- TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)
- TATC - Total Actual Transportation Cost (from Transportation Closing Report)
- TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Feb-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
2/1/21	\$2.4600	\$2.5900	\$2.6900	\$2.4500	\$2.6300	\$2.6600	\$2.4100	\$2.5200	\$2.6000	\$2.4400	\$2.5800	\$2.6500
2/2/21	\$2.4600	\$2.5900	\$2.6900	\$2.7050	\$2.8250	\$2.8200	\$2.9500	\$3.0500	\$3.1600	\$2.7050	\$2.8217	\$2.8900
2/3/21	\$2.4600	\$2.5900	\$2.6900	\$2.9800	\$3.0800	\$3.0800	\$2.9500	\$3.0500	\$3.1600	\$2.7967	\$2.9067	\$2.9767
2/4/21	\$2.4600	\$2.5900	\$2.6900	\$2.7750	\$2.8850	\$2.8750	\$2.9500	\$3.0500	\$3.1600	\$2.7283	\$2.8417	\$2.9083
2/5/21	\$2.4600	\$2.5900	\$2.6900	\$2.8000	\$2.9000	\$2.9100	\$2.9500	\$3.0500	\$3.1600	\$2.7367	\$2.8467	\$2.9200
2/6/21	\$2.4600	\$2.5900	\$2.6900	\$3.2350	\$3.3250	\$3.3600	\$2.9500	\$3.0500	\$3.1600	\$2.8817	\$2.9883	\$3.0700
2/7/21	\$2.4600	\$2.5900	\$2.6900	\$3.2350	\$3.3250	\$3.3600	\$2.9500	\$3.0500	\$3.1600	\$2.8817	\$2.9883	\$3.0700
2/8/21	\$2.4600	\$2.5900	\$2.6900	\$3.2350	\$3.3250	\$3.3600	\$2.9500	\$3.0500	\$3.1600	\$2.8817	\$2.9883	\$3.0700
2/9/21	\$2.4600	\$2.5900	\$2.6900	\$3.0900	\$3.1550	\$3.1650	\$4.4400	\$5.0700	\$5.1200	\$3.3300	\$3.6050	\$3.6583
2/10/21	\$2.4600	\$2.5900	\$2.6900	\$3.0400	\$3.1350	\$3.1200	\$4.4400	\$5.0700	\$5.1200	\$3.3133	\$3.5983	\$3.6433
2/11/21	\$2.4600	\$2.5900	\$2.6900	\$3.4550	\$3.6850	\$3.5950	\$4.4400	\$5.0700	\$5.1200	\$3.4517	\$3.7817	\$3.8017
2/12/21	\$2.4600	\$2.5900	\$2.6900	\$5.2250	\$5.3600	\$5.2350	\$4.4400	\$5.0700	\$5.1200	\$4.0417	\$4.3400	\$4.3483
2/13/21	\$2.4600	\$2.5900	\$2.6900	\$4.9800	\$5.4450	\$5.5950	\$4.4400	\$5.0700	\$5.1200	\$3.9600	\$4.3683	\$4.4683
2/14/21	\$2.4600	\$2.5900	\$2.6900	\$4.9800	\$5.4450	\$5.5950	\$4.4400	\$5.0700	\$5.1200	\$3.9600	\$4.3683	\$4.4683
2/15/21	\$2.4600	\$2.5900	\$2.6900	\$4.9800	\$5.4450	\$5.5950	\$4.4400	\$5.0700	\$5.1200	\$3.9600	\$4.3683	\$4.4683
2/16/21	\$2.4600	\$2.5900	\$2.6900	\$4.9800	\$5.4450	\$5.5950	\$4.4400	\$5.0700	\$5.1200	\$3.9600	\$4.3683	\$4.4683
2/17/21	\$2.4600	\$2.5900	\$2.6900	\$13.0500	\$18.4750	\$16.5850	\$6.0400	\$7.3500	\$7.3200	\$7.1833	\$9.4717	\$8.8650
2/18/21	\$2.4600	\$2.5900	\$2.6900	\$9.5350	\$14.2150	\$15.5100	\$6.0400	\$7.3500	\$7.3200	\$6.0117	\$8.0517	\$8.5067
2/19/21	\$2.4600	\$2.5900	\$2.6900	\$4.9600	\$5.8500	\$6.5200	\$6.0400	\$7.3500	\$7.3200	\$4.4867	\$5.2633	\$5.5100
2/20/21	\$2.4600	\$2.5900	\$2.6900	\$4.0050	\$4.2950	\$4.4500	\$6.0400	\$7.3500	\$7.3200	\$4.1683	\$4.7450	\$4.8200
2/21/21	\$2.4600	\$2.5900	\$2.6900	\$4.0050	\$4.2950	\$4.4500	\$6.0400	\$7.3500	\$7.3200	\$4.1683	\$4.7450	\$4.8200
2/22/21	\$2.4600	\$2.5900	\$2.6900	\$4.0050	\$4.2950	\$4.4500	\$6.0400	\$7.3500	\$7.3200	\$4.1683	\$4.7450	\$4.8200
2/23/21	\$2.4600	\$2.5900	\$2.6900	\$2.6600	\$2.7550	\$2.7650	\$2.5000	\$2.5700	\$2.6400	\$2.5400	\$2.6383	\$2.6983
2/24/21	\$2.4600	\$2.5900	\$2.6900	\$2.5600	\$2.7600	\$2.7450	\$2.5000	\$2.5700	\$2.6400	\$2.5067	\$2.6400	\$2.6917
2/25/21	\$2.4600	\$2.5900	\$2.6900	\$2.5350	\$2.6850	\$2.7500	\$2.5000	\$2.5700	\$2.6400	\$2.4983	\$2.6150	\$2.6933
2/26/21	\$2.4600	\$2.5900	\$2.6900	\$2.3750	\$2.5900	\$2.6200	\$2.5000	\$2.5700	\$2.6400	\$2.4450	\$2.5833	\$2.6500
2/27/21	\$2.4600	\$2.5900	\$2.6900	\$2.3750	\$2.5900	\$2.6200	\$2.5000	\$2.5700	\$2.6400	\$2.4450	\$2.5833	\$2.6500
2/28/21	\$2.4600	\$2.5900	\$2.6900	\$2.3750	\$2.5900	\$2.6200	\$2.5000	\$2.5700	\$2.6400	\$2.4450	\$2.5833	\$2.6500
Avg Rate	\$2.4600	\$2.5900	\$2.6900	\$4.0209	\$4.6002	\$4.6430	\$3.9221	\$4.4268	\$4.4800	\$3.4677	\$3.8723	\$3.9377

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	1,301,591	\$4,469,076.89	\$4,513,499.22	\$44,422.33
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00
					\$44,422.33

* DATA STATUS - E = Accounting Estimate, I = Invoiced/Actual

** SALES TYPE - S = Sale, E = Exchange, P/C = Option

COLUMBIA GAS OF KENTUCKY

SALES Activity Booking Report

Feb-21

DATA *	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT	DELIVERY	DELIVERY CDC	DELIVERY POINT	STATE OF SALE	Sales Amounts			MARGIN
				FLOW	FLOW				VOLUMES	SALES	TOTAL	
				DATE	DATE				INVOICED	RATE	SALE	
				Dth	\$/Dth	\$						
I	S	OPP	S0257168	2/1/21	2/1/21		TCO P1042737	WV	70,000	\$2.4700	\$172,900.00	\$1,050.00
I	S	OPP	S0257215	44228	44228		TCO P1042737	WV	5000	3.025	15125	225
I	S	OPP	S0257281	2/1/21	2/1/21		TCO P1042737	WV	5,000	\$3.4800	\$17,400.00	\$575.00
I	S	OPP	S0257290	2/1/21	2/1/21		TCO P1042737	WV	4,600	\$3.5000	\$16,100.00	\$460.00
I	S	OPP	S0257298	2/1/21	2/1/21		TCO P1042737	WV	10,000	\$5.2250	\$52,250.00	\$0.00
I	S	OPP	S0257310	2/1/21	2/1/21		TCO P1042737	WV	4,000	\$6.3500	\$25,400.00	\$4,500.00
I	S	OPP	S0257316	2/1/21	2/1/21		TCO P1042737	WV	700	\$14.7500	\$10,325.00	\$1,120.00
I	S	OPP	S0257317	2/1/21	2/1/21		TCO P1042737	WV	4,300	\$14.7500	\$63,425.00	\$6,880.00
I	S	OPP	S0257318	2/1/21	2/1/21		TCO P1042737	WV	5,000	\$15.0000	\$75,000.00	\$9,250.00
I	S	OPP	S0257370	2/1/21	2/1/21		TCO P1042737	WV	15,000	\$2.3775	\$35,662.50	\$0.00
									123,600		\$483,587.50	\$24,060.00

COLUMBIA GAS OF KENTUCKY
Off-System EXCHANGE Activity Report
Feb-21

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	STATE OF SALE	ESTIMATED SALES AMOUNTS			Current Month Proration		
				FLOW	FLOW		MONTHS	MONTHS		Sales Amounts		ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED
				DATE	DATE		IN TERM	DELIVERY		ESTIMATED VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	PRE-TAX MARGIN
E	E	OPP	S0255285	4/1/20	2/1/21	2/1/21	11	11	WV	70,000	\$0.8200	\$57,400.00	\$0.00	\$5,218.18	\$5,218.18
E	E	OPP	S0255833	6/1/20	2/1/21	2/1/21	9	9	WV	139,991	\$1.1200	\$156,789.92	\$0.00	\$17,421.10	\$17,421.10
E	E	OPP	S0256149	9/1/20	2/1/21	2/1/21	6	6	WV	140,000	\$1.0000	\$140,000.00	\$0.00	\$23,333.33	\$23,333.33
E	E	OPP	S0254219	4/1/20	2/1/21	2/1/21	11	11	WV	70,000	\$0.3400	\$23,800.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0254220	4/1/20		3/1/21	12	11	WV	77500	\$0.3400	\$26,350.00	\$0.00	\$2,195.83	\$2,195.83
										497,491		\$404,339.92		\$50,332.08	\$50,332.08

MARCH 2021

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation
Flow Period: Mar-21

<u>Ln.</u>	<u>PBR Component Description</u>	Mar-21 ESTIMATE	Mar-21 ACTUAL	
1	CPS = (TPBR) x ASP	\$20,395.52	\$20,541.98	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$81,748.07</u>	<u>\$329,592.62</u>	50% of remainder
3	Total Company Performance Share	\$102,143.59	\$350,134.60	
4	TCI (includes Marketed CapR)	\$159,030.00	\$655,207.31	
5	GCI	\$61,895.37	\$61,895.37	
6	OSSI			
	Sales	\$2,960.01	\$2,960.01	
	Exch	\$7,595.83 (1)	\$7,595.83	
7	TPBR = (TCI+GCI+OSSI)	\$231,481.21	\$727,658.52	
8	AGC (**Total Gas Cost)	\$3,399,253.04	\$3,423,663.54	
	Sys Supply Purch	\$790,187.50	\$790,187.50	
	Diversified (Term)	\$90,554.10 (est)	\$99,705.81 (act)	
	Misc Adjustment	\$0.00	\$0.00	
	Transportation	\$2,518,511.44	\$2,533,770.23	
				tell
9	2% of AGC	\$67,985.06	\$68,473.27	
10	PAC = (TPBR) / AGC	6.81%	21.25%	

Acronyms:

CPS = Company Performance Share **Total Gas Cost = System Supply Purchase + Transportation Costs
TPBR = Total Performance Based Results
ASP = Applicable Sharing Percentage
PAC = Percent of Actual Gas Costs
AGC = Actual Gas Costs
TCI = Transportation Cost Incentive
OSSI = Off-System Sales Incentive
GCI = Gas Cost Incentive

(1) Includes exchange revenue on exchanges that begin on or after 4/1/2015.

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Mar-21

		Contract		Rate		Calculation	Estimate	Actual	
BENCHMARK	(TBTC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60	\$0.00
		TCO	80160	SST	209,880	\$4.1850	Demand Vol @ Max Rate	\$878,347.80	\$0.00
		TCO	80160	SST	209,880	\$6.5491	Demand Vol @ Max Rate	\$0.00	\$1,374,525.11
			0				Benchmark Cost	\$951,637.40	\$1,374,525.11
			0						
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Disc Rate	\$73,289.60	
		TCO	80160	SST	209,880	\$4.1850	Demand Vol @ Disc Rate	\$878,347.80	\$878,347.80
							CKY Negotiated Cost	\$951,637.40	\$878,347.80
TCI Negotiated Contract Revenue							\$0.00	\$496,177.31	
Marketed Cap Release		TCO	SST		18,000	\$3.7200	\$66,960.00	\$66,960.00	
Marketed Cap Release		TCO	SST		27,000	\$3.4100	\$92,070.00	\$92,070.00	
Marketed Cap Release		TCO	SST		0	\$0.0000	\$0.00	\$0.00	
Marketed Cap Release		TCO	SST		0	\$0.0000	\$0.00	\$0.00	
Marketed Cap Release		TCO	SST		0	\$0.0000	\$0.00	\$0.00	
Marketed Cap Release		TCO	SST		0	\$0.0000	\$0.00	\$0.00	
TCI Marketed Capacity Release Revenue							\$159,030.00	\$159,030.00	
Total TCI							\$159,030.00	\$655,207.31	

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Mar-21	Per PSC	Gross up	Benchmark Rate
	TCO SST Rate	Order	Factor %	
Benchmark Calc:	\$9.294	\$5.939	56.49%	\$6.5491

PSC Order Effective 7/24/20 with an expiration date of 3/31/21

Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)
TBTC -
 Total Actual Transportation Cost (from Transportation Closing Report)
TATC -
 Transportation Cost Incentive
TCI -

CKY GCI CALCULATION

Flow Period: Mar-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
							(Rayne)					
3/1/21	\$2.5100	\$2.7100	\$2.7900	\$2.4250	\$2.5450	\$2.6200	\$2.5000	\$2.5700	\$2.6400	\$2.4783	\$2.6083	\$2.6833
3/2/21	\$2.5100	\$2.7100	\$2.7900	\$2.5450	\$2.6050	\$2.7150	\$2.5000	\$2.6300	\$2.6900	\$2.5183	\$2.6483	\$2.7317
3/3/21	\$2.5100	\$2.7100	\$2.7900	\$2.5700	\$2.7150	\$2.7850	\$2.5000	\$2.6300	\$2.6900	\$2.5267	\$2.6850	\$2.7550
3/4/21	\$2.5100	\$2.7100	\$2.7900	\$2.5650	\$2.6850	\$2.8050	\$2.5000	\$2.6300	\$2.6900	\$2.5250	\$2.6750	\$2.7617
3/5/21	\$2.5100	\$2.7100	\$2.7900	\$2.4800	\$2.6050	\$2.6850	\$2.5000	\$2.6300	\$2.6900	\$2.4967	\$2.6483	\$2.7217
3/6/21	\$2.5100	\$2.7100	\$2.7900	\$2.4450	\$2.5200	\$2.6250	\$2.5000	\$2.6300	\$2.6900	\$2.4850	\$2.6200	\$2.7017
3/7/21	\$2.5100	\$2.7100	\$2.7900	\$2.4450	\$2.5200	\$2.6250	\$2.5000	\$2.6300	\$2.6900	\$2.4850	\$2.6200	\$2.7017
3/8/21	\$2.5100	\$2.7100	\$2.7900	\$2.4450	\$2.5200	\$2.6250	\$2.5000	\$2.6300	\$2.6900	\$2.4850	\$2.6200	\$2.7017
3/9/21	\$2.5100	\$2.7100	\$2.7900	\$2.2500	\$2.3750	\$2.4900	\$2.2000	\$2.4300	\$2.5100	\$2.3200	\$2.5050	\$2.5967
3/10/21	\$2.5100	\$2.7100	\$2.7900	\$2.2050	\$2.3600	\$2.4950	\$2.2000	\$2.4300	\$2.5100	\$2.3050	\$2.5000	\$2.5983
3/11/21	\$2.5100	\$2.7100	\$2.7900	\$2.1950	\$2.4500	\$2.5350	\$2.2000	\$2.4300	\$2.5100	\$2.3017	\$2.5300	\$2.6117
3/12/21	\$2.5100	\$2.7100	\$2.7900	\$2.1600	\$2.4300	\$2.5400	\$2.2000	\$2.4300	\$2.5100	\$2.2900	\$2.5233	\$2.6133
3/13/21	\$2.5100	\$2.7100	\$2.7900	\$2.1900	\$2.4450	\$2.5050	\$2.2000	\$2.4300	\$2.5100	\$2.3000	\$2.5283	\$2.6017
3/14/21	\$2.5100	\$2.7100	\$2.7900	\$2.1900	\$2.4450	\$2.5050	\$2.2000	\$2.4300	\$2.5100	\$2.3000	\$2.5283	\$2.6017
3/15/21	\$2.5100	\$2.7100	\$2.7900	\$2.1900	\$2.4450	\$2.5050	\$2.2000	\$2.4300	\$2.5100	\$2.3000	\$2.5283	\$2.6017
3/16/21	\$2.5100	\$2.7100	\$2.7900	\$2.1700	\$2.3300	\$2.4450	\$2.1700	\$2.3000	\$2.4300	\$2.2833	\$2.4467	\$2.5550
3/17/21	\$2.5100	\$2.7100	\$2.7900	\$2.1500	\$2.2900	\$2.4500	\$2.1700	\$2.3000	\$2.4300	\$2.2767	\$2.4333	\$2.5567
3/18/21	\$2.5100	\$2.7100	\$2.7900	\$2.1450	\$2.3300	\$2.4500	\$2.1700	\$2.3000	\$2.4300	\$2.2750	\$2.4467	\$2.5567
3/19/21	\$2.5100	\$2.7100	\$2.7900	\$2.1800	\$2.3400	\$2.4550	\$2.1700	\$2.3000	\$2.4300	\$2.2867	\$2.4500	\$2.5583
3/20/21	\$2.5100	\$2.7100	\$2.7900	\$2.0850	\$2.2450	\$2.4000	\$2.1700	\$2.3000	\$2.4300	\$2.2550	\$2.4183	\$2.5400
3/21/21	\$2.5100	\$2.7100	\$2.7900	\$2.0850	\$2.2450	\$2.4000	\$2.1700	\$2.3000	\$2.4300	\$2.2550	\$2.4183	\$2.5400
3/22/21	\$2.5100	\$2.7100	\$2.7900	\$2.0850	\$2.2450	\$2.4000	\$2.1700	\$2.3000	\$2.4300	\$2.2550	\$2.4183	\$2.5400
3/23/21	\$2.5100	\$2.7100	\$2.7900	\$2.0550	\$2.1950	\$2.4450	\$1.9700	\$2.1100	\$2.4200	\$2.1783	\$2.3383	\$2.5517
3/24/21	\$2.5100	\$2.7100	\$2.7900	\$2.0350	\$2.1600	\$2.4250	\$1.9700	\$2.1100	\$2.4200	\$2.1717	\$2.3267	\$2.5450
3/25/21	\$2.5100	\$2.7100	\$2.7900	\$2.0150	\$2.1750	\$2.4050	\$1.9700	\$2.1100	\$2.4200	\$2.1650	\$2.3317	\$2.5383
3/26/21	\$2.5100	\$2.7100	\$2.7900	\$1.9800	\$2.1950	\$2.4450	\$1.9700	\$2.1100	\$2.4200	\$2.1533	\$2.3383	\$2.5517
3/27/21	\$2.5100	\$2.7100	\$2.7900	\$1.9350	\$2.0450	\$2.4250	\$1.9700	\$2.1100	\$2.4200	\$2.1383	\$2.2883	\$2.5450
3/28/21	\$2.5100	\$2.7100	\$2.7900	\$1.9350	\$2.0450	\$2.4250	\$1.9700	\$2.1100	\$2.4200	\$2.1383	\$2.2883	\$2.5450
3/29/21	\$2.5100	\$2.7100	\$2.7900	\$1.9350	\$2.0450	\$2.4250	\$1.9700	\$2.1100	\$2.4200	\$2.1383	\$2.2883	\$2.5450
3/30/21	\$2.5100	\$2.7100	\$2.7900	\$1.8900	\$2.0350	\$2.4400	\$2.0300	\$2.2000	\$2.4700	\$2.1433	\$2.3150	\$2.5667
3/31/21	\$2.5100	\$2.7100	\$2.7900	\$2.0250	\$2.2200	\$2.4700	\$2.0300	\$2.2000	\$2.4700	\$2.1883	\$2.3767	\$2.5767
Avg Rate	\$2.5100	\$2.7100	\$2.7900	\$2.1937	\$2.3485	\$2.5150	\$2.2077	\$2.3632	\$2.5139	\$2.3038	\$2.4739	\$2.6063

Price changed to update estimate price to actual

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	283,200	\$581,756.50	\$652,441.03	\$70,684.53
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	76,600	\$208,431.00	\$199,641.84	(\$8,789.16)
					\$61,895.37

* DATA STATUS - E = Accounting Estimate, I = Invoiced/Actual

** SALES TYPE - S = Sale, E = Exchange, P/C = Option

COLUMBIA GAS OF KENTUCKY

SALES Activity Booking Report

Mar-21

DATA *	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	CDC	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			ACTUAL AFTER-TAX MARGIN
									VOLUMES INVOICED	SALES RATE	TOTAL SALE	
									Dth	\$/Dth	\$	
I	S	OPP	S0257470	3/1/21	3/1/21		TCO P1042737	WV	19,000	\$2.3000	\$43,700.00	\$2,960.01
									19,000		\$43,700.00	\$2,960.01

COLUMBIA GAS OF KENTUCKY
Off-System EXCHANGE Activity Report
Mar-21

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW	DELIVERY FLOW	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	ESTIMATED VOLUMES Dth	SALES RATE \$/Dth	ESTIMATED TOTAL SALE \$	ESTIMATED TRANSPORT COST	ESTIMATED TOTAL SALE	MARGIN
				DATE	DATE	MONTH										
E	E	OPP	S0254220	4/1/20	3/1/21	3/1/21	12	12	TCO P1042737	WV	77500	\$0.3400	\$26,350.00	\$0.00	\$2,195.83	\$2,195.83
E	E	OPP	S0257415		3/1/21	4/1/21	2	1	TCO P1042737	WV	60,000	\$0.0750	\$4,500.00	\$0.00	\$2,250.00	\$2,250.00
E	E	OPP	S0257422		3/1/21	4/1/21	2	1	TCO P1042737	WV	60,000	\$0.0600	\$3,600.00	\$0.00	\$1,800.00	\$1,800.00
E	E	OPP	S0257430		3/1/21	4/1/21	2	1	TCO P1042737	WV	90,000	\$0.0300	\$2,700.00	\$0.00	\$1,350.00	\$1,350.00
											287,500		\$37,150.00		\$7,595.83	\$7,595.83

APRIL 2021

CKY GCI CALCULATION

Flow Period: Apr-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	Natural Gas Week (NGW)			TCO P10	CGT Main	TGP 500
							TCO P10	CGT Main	TGP 500			
							(Rayne)					
4/1/21	\$2.1200	\$2.3300	\$2.5200	\$2.2850	\$2.4750	\$2.5050	\$2.0300	\$2.2000	\$2.4700	\$2.1450	\$2.3350	\$2.4983
4/2/21	\$2.1200	\$2.3300	\$2.5200	\$2.0850	\$2.4250	\$2.4650	\$2.0300	\$2.2000	\$2.4700	\$2.0783	\$2.3183	\$2.4850
4/3/21	\$2.1200	\$2.3300	\$2.5200	\$2.0850	\$2.4250	\$2.4650	\$2.0300	\$2.2000	\$2.4700	\$2.0783	\$2.3183	\$2.4850
4/4/21	\$2.1200	\$2.3300	\$2.5200	\$2.0850	\$2.4250	\$2.4650	\$2.0300	\$2.2000	\$2.4700	\$2.0783	\$2.3183	\$2.4850
4/5/21	\$2.1200	\$2.3300	\$2.5200	\$2.0850	\$2.4250	\$2.4650	\$2.0300	\$2.2000	\$2.4700	\$2.0783	\$2.3183	\$2.4850
4/6/21	\$2.1200	\$2.3300	\$2.5200	\$1.8900	\$2.3100	\$2.3300	\$1.9800	\$2.1200	\$2.3600	\$1.9967	\$2.2533	\$2.4033
4/7/21	\$2.1200	\$2.3300	\$2.5200	\$1.9400	\$2.3550	\$2.3600	\$1.9800	\$2.1200	\$2.3600	\$2.0133	\$2.2683	\$2.4133
4/8/21	\$2.1200	\$2.3300	\$2.5200	\$2.0350	\$2.3650	\$2.3650	\$1.9800	\$2.1200	\$2.3600	\$2.0450	\$2.2717	\$2.4150
4/9/21	\$2.1200	\$2.3300	\$2.5200	\$1.9950	\$2.3450	\$2.3600	\$1.9800	\$2.1200	\$2.3600	\$2.0317	\$2.2650	\$2.4133
4/10/21	\$2.1200	\$2.3300	\$2.5200	\$1.9800	\$2.3550	\$2.3600	\$1.9800	\$2.1200	\$2.3600	\$2.0267	\$2.2683	\$2.4133
4/11/21	\$2.1200	\$2.3300	\$2.5200	\$1.9800	\$2.3550	\$2.3600	\$1.9800	\$2.1200	\$2.3600	\$2.0267	\$2.2683	\$2.4133
4/12/21	\$2.1200	\$2.3300	\$2.5200	\$1.9800	\$2.3550	\$2.3600	\$1.9800	\$2.1200	\$2.3600	\$2.0267	\$2.2683	\$2.4133
4/13/21	\$2.1200	\$2.3300	\$2.5200	\$2.1400	\$2.4250	\$2.4300	\$2.2400	\$2.3700	\$2.4700	\$2.1667	\$2.3750	\$2.4733
4/14/21	\$2.1200	\$2.3300	\$2.5200	\$2.1700	\$2.5150	\$2.5300	\$2.2400	\$2.3700	\$2.4700	\$2.1767	\$2.4050	\$2.5067
4/15/21	\$2.1200	\$2.3300	\$2.5200	\$2.2300	\$2.5300	\$2.5500	\$2.2400	\$2.3700	\$2.4700	\$2.1967	\$2.4100	\$2.5133
4/16/21	\$2.1200	\$2.3300	\$2.5200	\$2.2250	\$2.5300	\$2.5350	\$2.2400	\$2.3700	\$2.4700	\$2.1950	\$2.4100	\$2.5083
4/17/21	\$2.1200	\$2.3300	\$2.5200	\$2.2700	\$2.5400	\$2.5700	\$2.2400	\$2.3700	\$2.4700	\$2.2100	\$2.4133	\$2.5200
4/18/21	\$2.1200	\$2.3300	\$2.5200	\$2.2700	\$2.5400	\$2.5700	\$2.2400	\$2.3700	\$2.4700	\$2.2100	\$2.4133	\$2.5200
4/19/21	\$2.1200	\$2.3300	\$2.5200	\$2.2700	\$2.5400	\$2.5700	\$2.2400	\$2.3700	\$2.4700	\$2.2100	\$2.4133	\$2.5200
4/20/21	\$2.1200	\$2.3300	\$2.5200	\$2.2850	\$2.6400	\$2.6500	\$2.3300	\$2.4400	\$2.6400	\$2.2450	\$2.4700	\$2.6033
4/21/21	\$2.1200	\$2.3300	\$2.5200	\$2.3600	\$2.6150	\$2.6750	\$2.3300	\$2.4400	\$2.6400	\$2.2700	\$2.4617	\$2.6117
4/22/21	\$2.1200	\$2.3300	\$2.5200	\$2.3550	\$2.6000	\$2.6250	\$2.3300	\$2.4400	\$2.6400	\$2.2683	\$2.4567	\$2.5950
4/23/21	\$2.1200	\$2.3300	\$2.5200	\$2.3200	\$2.6600	\$2.6350	\$2.3300	\$2.4400	\$2.6400	\$2.2567	\$2.4767	\$2.5983
4/24/21	\$2.1200	\$2.3300	\$2.5200	\$2.3300	\$2.6450	\$2.6700	\$2.3300	\$2.4400	\$2.6400	\$2.2600	\$2.4717	\$2.6100
4/25/21	\$2.1200	\$2.3300	\$2.5200	\$2.3300	\$2.6450	\$2.6700	\$2.3300	\$2.4400	\$2.6400	\$2.2600	\$2.4717	\$2.6100
4/26/21	\$2.1200	\$2.3300	\$2.5200	\$2.3300	\$2.6450	\$2.6700	\$2.3300	\$2.4400	\$2.6400	\$2.2600	\$2.4717	\$2.6100
4/27/21	\$2.1200	\$2.3300	\$2.5200	\$2.3350	\$2.6550	\$2.6500	\$2.4200	\$2.5000	\$2.7800	\$2.2917	\$2.4950	\$2.6500
4/28/21	\$2.1200	\$2.3300	\$2.5200	\$2.4150	\$2.8150	\$2.7800	\$2.4200	\$2.5000	\$2.7800	\$2.3183	\$2.5483	\$2.6933
4/29/21	\$2.1200	\$2.3300	\$2.5200	\$2.5000	\$2.8650	\$2.8650	\$2.4200	\$2.5000	\$2.7800	\$2.3467	\$2.5650	\$2.7217
4/30/21	\$2.1200	\$2.3300	\$2.5200	\$2.3850	\$2.7900	\$2.8150	\$2.4200	\$2.5000	\$2.7800	\$2.3083	\$2.5400	\$2.7050
Avg Rate	\$2.1200	\$2.3300	\$2.5200	\$2.1982	\$2.5270	\$2.5440	\$2.1893	\$2.3170	\$2.5253	\$2.1692	\$2.3913	\$2.5298

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	1,239,800	\$2,679,626.50	\$2,689,332.83	\$9,706.33
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	40,500	\$102,606.75	\$102,456.00	(\$150.75)
					\$9,555.58

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Apr-21

DATA * STATUS	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT	DELIVERY	CDC	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			MARGIN
				FLOW	FLOW				VOLUMES	SALES	TOTAL	
				DATE	DATE				INVOICED	RATE	SALE	
								Dth	\$/Dth	\$		
I	S	OPP	S0257693	4/1/21	4/1/21		TCO P1042737	WV	5,000	\$2.2900	\$11,450.00	\$300.00
I	S	OPP	S0257694	4/1/21	4/1/21		TCO P1042737	WV	5,000	\$2.2800	\$11,400.00	\$250.00
I	S	OPP	S0257715	4/1/21	4/1/21		TCO P1042737	WV	7,500	\$2.3600	\$17,700.00	\$37.50
									17,500		\$40,550.00	\$587.50

COLUMBIA GAS OF KENTUCKY

Off-System EXCHANGE Activity Report

Apr-21

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	STATE OF SALE	VOLUMES Dth	SALES	TOTAL	TRANSPORT	TOTAL	MARGIN
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED			DELIVERY POINT	RATE \$/Dth	SALE \$	COST	
E	E	OPP	S0257415	4/1/21	3/1/21	4/1/21	2	2	WV	60000	\$0.0750	\$4,500.00	\$0.00	\$2,250.00	\$2,250.00
E	E	OPP	S0257422	4/1/21	3/1/21	4/1/21	2	2	WV	60,000	\$0.0600	\$3,600.00	\$0.00	\$1,800.00	\$1,800.00
E	E	OPP	S0257430	4/1/21	3/1/21	4/1/21	2	2	WV	90,000	\$0.0300	\$2,700.00	\$0.00	\$1,350.00	\$1,350.00
E	E	OPP	S0257597		4/1/21	5/1/21	2	1	WV	15,500	\$0.1100	\$1,705.00	\$0.00	\$852.50	\$852.50
E	E	OPP	S0257654		4/1/21	5/1/21	2	1	WV	13,950	\$0.0750	\$1,046.25	\$0.00	\$523.13	\$523.13
										239,450		\$13,551.25		\$6,775.63	\$6,775.63

MAY 2021

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: May-21

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	TCO	80160	SST	104,940	\$6.6372	Demand Vol @ Max Rate	
			0				Demand Vol @ Max Rate	\$696,507.77
			0				Benchmark Cost	\$696,507.77
CKY COST	(TATC)	TCO	80160	SST	104,940	\$4.1850		
							Demand Vol @ Disc Rate	
							Demand Vol @ Disc Rate	\$439,173.90
							CKY Negotiated Cost	\$439,173.90
							TCI Negotiated Contract Revenue	\$257,333.87
Marketed Cap Release		TCO	SST		10,000	\$2.5420		\$25,420.00
Marketed Cap Release		TCO	SST		5,500	\$3.7200		\$20,460.00
Marketed Cap Release		TCO	SST		5,000	\$2.4800		\$12,400.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
							TCI Marketed Capacity Release Revenue	\$58,280.00
							Total TCI	\$315,613.87

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	May-21	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$9.419	\$5.939	58.60%	\$6.6372

PSC Order Effective 7/24/20 with an expiration date of 3/31/21

- TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)
- TATC - Total Actual Transportation Cost (from Transportation Closing Report)
- TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: May-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	Natural Gas Week (NGW)			TCO P10	CGT Main	TGP 500
							TCO P10	CGT Main	TGP 500			
5/1/21	\$2.4700	\$2.6300	\$2.8500	\$2.4250	\$2.5100	\$2.7900	\$2.4200	\$2.5000	\$2.7800	\$2.4383	\$2.5467	\$2.8067
5/2/21	\$2.4700	\$2.6300	\$2.8500	\$2.4250	\$2.5100	\$2.7900	\$2.4200	\$2.5000	\$2.7800	\$2.4383	\$2.5467	\$2.8067
5/3/21	\$2.4700	\$2.6300	\$2.8500	\$2.4250	\$2.5100	\$2.7900	\$2.4200	\$2.5000	\$2.7800	\$2.4383	\$2.5467	\$2.8067
5/4/21	\$2.4700	\$2.6300	\$2.8500	\$2.5250	\$2.6600	\$2.8800	\$2.5000	\$2.6500	\$2.8100	\$2.4983	\$2.6467	\$2.8467
5/5/21	\$2.4700	\$2.6300	\$2.8500	\$2.5500	\$2.6450	\$2.8400	\$2.5000	\$2.6500	\$2.8100	\$2.5067	\$2.6417	\$2.8333
5/6/21	\$2.4700	\$2.6300	\$2.8500	\$2.5000	\$2.6300	\$2.8300	\$2.5000	\$2.6500	\$2.8100	\$2.4900	\$2.6367	\$2.8300
5/7/21	\$2.4700	\$2.6300	\$2.8500	\$2.4650	\$2.6400	\$2.7850	\$2.5000	\$2.6500	\$2.8100	\$2.4783	\$2.6400	\$2.8150
5/8/21	\$2.4700	\$2.6300	\$2.8500	\$2.4750	\$2.6250	\$2.7900	\$2.5000	\$2.6500	\$2.8100	\$2.4817	\$2.6350	\$2.8167
5/9/21	\$2.4700	\$2.6300	\$2.8500	\$2.4750	\$2.6250	\$2.7900	\$2.5000	\$2.6500	\$2.8100	\$2.4817	\$2.6350	\$2.8167
5/10/21	\$2.4700	\$2.6300	\$2.8500	\$2.4750	\$2.6250	\$2.7900	\$2.5000	\$2.6500	\$2.8100	\$2.4817	\$2.6350	\$2.8167
5/11/21	\$2.4700	\$2.6300	\$2.8500	\$2.5000	\$2.6450	\$2.8300	\$2.4800	\$2.5600	\$2.8100	\$2.4833	\$2.6117	\$2.8300
5/12/21	\$2.4700	\$2.6300	\$2.8500	\$2.4800	\$2.6250	\$2.8250	\$2.4800	\$2.5600	\$2.8100	\$2.4767	\$2.6050	\$2.8283
5/13/21	\$2.4700	\$2.6300	\$2.8500	\$2.4600	\$2.6350	\$2.8450	\$2.4800	\$2.5600	\$2.8100	\$2.4700	\$2.6083	\$2.8350
5/14/21	\$2.4700	\$2.6300	\$2.8500	\$2.4700	\$2.6350	\$2.8150	\$2.4800	\$2.5600	\$2.8100	\$2.4733	\$2.6083	\$2.8250
5/15/21	\$2.4700	\$2.6300	\$2.8500	\$2.4800	\$2.5500	\$2.8000	\$2.4800	\$2.5600	\$2.8100	\$2.4767	\$2.5800	\$2.8200
5/16/21	\$2.4700	\$2.6300	\$2.8500	\$2.4800	\$2.5500	\$2.8000	\$2.4800	\$2.5600	\$2.8100	\$2.4767	\$2.5800	\$2.8200
5/17/21	\$2.4700	\$2.6300	\$2.8500	\$2.4800	\$2.5500	\$2.8000	\$2.4800	\$2.5600	\$2.8100	\$2.4767	\$2.5800	\$2.8200
5/18/21	\$2.4700	\$2.6300	\$2.8500	\$2.6250	\$2.7000	\$2.9450	\$2.5300	\$2.7100	\$2.8400	\$2.5417	\$2.6800	\$2.8783
5/19/21	\$2.4700	\$2.6300	\$2.8500	\$2.6000	\$2.7000	\$2.9000	\$2.5300	\$2.7100	\$2.8400	\$2.5333	\$2.6800	\$2.8633
5/20/21	\$2.4700	\$2.6300	\$2.8500	\$2.5600	\$2.6900	\$2.8350	\$2.5300	\$2.7100	\$2.8400	\$2.5200	\$2.6767	\$2.8417
5/21/21	\$2.4700	\$2.6300	\$2.8500	\$2.5400	\$2.6800	\$2.7900	\$2.5300	\$2.7100	\$2.8400	\$2.5133	\$2.6733	\$2.8267
5/22/21	\$2.4700	\$2.6300	\$2.8500	\$2.4900	\$2.6250	\$2.7800	\$2.5300	\$2.7100	\$2.8400	\$2.4967	\$2.6550	\$2.8233
5/23/21	\$2.4700	\$2.6300	\$2.8500	\$2.4900	\$2.6250	\$2.7800	\$2.5300	\$2.7100	\$2.8400	\$2.4967	\$2.6550	\$2.8233
5/24/21	\$2.4700	\$2.6300	\$2.8500	\$2.4900	\$2.6250	\$2.7800	\$2.5300	\$2.7100	\$2.8400	\$2.4967	\$2.6550	\$2.8233
5/25/21	\$2.4700	\$2.6300	\$2.8500	\$2.5050	\$2.6500	\$2.7950	\$2.4900	\$2.5700	\$2.7800	\$2.4883	\$2.6167	\$2.8083
5/26/21	\$2.4700	\$2.6300	\$2.8500	\$2.4900	\$2.5850	\$2.8150	\$2.4900	\$2.5700	\$2.7800	\$2.4833	\$2.5950	\$2.8150
5/27/21	\$2.4700	\$2.6300	\$2.8500	\$2.4950	\$2.6150	\$2.8250	\$2.4900	\$2.5700	\$2.7800	\$2.4850	\$2.6050	\$2.8183
5/28/21	\$2.4700	\$2.6300	\$2.8500	\$2.5000	\$2.6050	\$2.7600	\$2.4900	\$2.5700	\$2.7800	\$2.4867	\$2.6017	\$2.7967
5/29/21	\$2.4700	\$2.6300	\$2.8500	\$2.5000	\$2.6050	\$2.7600	\$2.4900	\$2.5700	\$2.7800	\$2.4867	\$2.6017	\$2.7967
5/30/21	\$2.4700	\$2.6300	\$2.8500	\$2.5000	\$2.6050	\$2.7600	\$2.4900	\$2.5700	\$2.7800	\$2.4867	\$2.6017	\$2.7967
5/31/21	\$2.4700	\$2.6300	\$2.8500	\$2.5000	\$2.6050	\$2.7600	\$2.4900	\$2.5700	\$2.7800	\$2.4867	\$2.6017	\$2.7967
Avg Rate	\$2.4700	\$2.6300	\$2.8500	\$2.4960	\$2.6156	\$2.8089	\$2.4923	\$2.6106	\$2.8071	\$2.4861	\$2.6188	\$2.8220

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	1,978,600	\$4,918,100.25	\$4,918,948.53	\$848.28
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	46,500	\$131,133.75	\$131,222.50	\$88.75

\$937.03

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
May-21

<u>DATA *</u>	<u>SALES</u>	<u>SALES</u>	<u>SALES ID</u>	<u>RECEIPT</u>	<u>DELIVERY</u>	<u>TOTAL</u>	<u>DELIVERY</u>	SALES AMOUNTS			MARGIN
								<u>STATUS</u>	<u>TYPE **</u>	<u>CATEGORY</u>	
				<u>DATE</u>	<u>DATE</u>			<u>OF</u>	<u>INVOICED</u>	<u>RATE</u>	
						\$			Dth	\$/Dth	
I	S	OPP	S0257793	5/1/21	5/1/21	\$7,650.00	TCO P1042737	WV	3,000	\$2.5900	\$120.00
I	S	OPP	S0257794	5/1/21	5/1/21	\$5,100.00	TCO P1042737	WV	2,000	\$2.5900	\$80.00
I	S	OPP	S0257818	5/1/21	5/1/21	\$13,000.00	TCO P1042737	WV	5,000	\$2.6300	\$150.00
I	S	OPP	S0257821	5/1/21	5/1/21	\$13,000.00	TCO P1042737	WV	5,000	\$2.6225	\$112.50
I	S	OPP	S0257836	5/1/21	5/1/21	\$4,386.00	TCO P1042737	WV	1,700	\$2.6100	\$51.00
I	S	OPP	S0257837	5/1/21	5/1/21	\$21,414.00	TCO P1042737	WV	8,300	\$2.6100	\$249.00
I	S	OPP	S0257910	5/1/21	5/1/21	\$2,495.00	TCO P1042737	WV	1,000	\$2.5750	\$80.00
I	S	OPP	S0257911	5/1/21	5/1/21	\$17,964.00	TCO P1042737	WV	7,200	\$2.5750	\$576.00
						\$85,009.00			33,200		\$1,418.50

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 May-21

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	DELIVERY POINT	STATE OF SALE	VOLUMES Dth	SALES	TOTAL	TRANSPORT COST	TOTAL	MARGIN
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED				RATE \$/Dth	SALE \$		SALE	
E	E	OPP	S0257597	5/1/21	4/1/21	5/1/21	2	2	TCO P1042737	WV	15500	\$0.1100	\$1,705.00	\$0.00	\$852.50	\$852.50
E	E	OPP	S0257654	5/1/21	4/1/21	5/1/21	2	2	TCO P1042737	WV	13,950	\$0.0750	\$1,046.25	\$0.00	\$523.13	\$523.13
											29,450		\$2,751.25		\$1,375.63	\$1,375.63

JUNE 2021

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Jun-21

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	TCO	80160	SST	104,940	\$6.6372	Demand Vol @ Max Rate	
			0				Demand Vol @ Max Rate	\$696,511.02
			0				Benchmark Cost	\$696,511.02
						<u>Disc Rate</u>		
CKY COST	(TATC)	TCO	80160	SST	104,940	\$4.1850	Demand Vol @ Disc Rate	
							Demand Vol @ Disc Rate	\$439,173.90
							CKY Negotiated Cost	\$439,173.90
TCI Negotiated Contract Revenue								\$257,337.12
Marketed Cap Release		TCO	SST		5,000	\$1.2000		\$6,000.00
Marketed Cap Release		TCO	SST		3,500	\$1.2000		\$4,200.00
Marketed Cap Release		TCO	SST		5,000	\$1.2000		\$6,000.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
TCI Marketed Capacity Release Revenue								\$16,200.00
Total TCI								\$273,537.12

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Jun-21	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$9.419	\$5.939	58.60%	\$6.6372
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

- TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)
- TATC - Total Actual Transportation Cost (from Transportation Closing Report)
- TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Jun-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
	(Rayne)											
6/1/21	\$2.5500	\$2.7000	\$2.9100	\$2.4650	\$2.5750	\$2.7900	\$2.4900	\$2.5700	\$2.7800	\$2.5017	\$2.6150	\$2.8267
6/2/21	\$2.5500	\$2.7000	\$2.9100	\$2.5150	\$2.6500	\$2.9300	\$2.5200	\$2.6800	\$2.9100	\$2.5283	\$2.6767	\$2.9167
6/3/21	\$2.5500	\$2.7000	\$2.9100	\$2.5550	\$2.7100	\$2.9550	\$2.5200	\$2.6800	\$2.9100	\$2.5417	\$2.6967	\$2.9250
6/4/21	\$2.5500	\$2.7000	\$2.9100	\$2.5050	\$2.7100	\$2.9200	\$2.5200	\$2.6800	\$2.9100	\$2.5250	\$2.6967	\$2.9133
6/5/21	\$2.5500	\$2.7000	\$2.9100	\$2.5300	\$2.6950	\$2.8800	\$2.5200	\$2.6800	\$2.9100	\$2.5333	\$2.6917	\$2.9000
6/6/21	\$2.5500	\$2.7000	\$2.9100	\$2.5300	\$2.6950	\$2.8800	\$2.5200	\$2.6800	\$2.9100	\$2.5333	\$2.6917	\$2.9000
6/7/21	\$2.5500	\$2.7000	\$2.9100	\$2.5300	\$2.6950	\$2.8800	\$2.5200	\$2.6800	\$2.9100	\$2.5333	\$2.6917	\$2.9000
6/8/21	\$2.5500	\$2.7000	\$2.9100	\$2.6800	\$2.8200	\$2.9700	\$2.7400	\$2.8900	\$3.1200	\$2.6567	\$2.8033	\$3.0000
6/9/21	\$2.5500	\$2.7000	\$2.9100	\$2.6700	\$2.8500	\$3.0750	\$2.7400	\$2.8900	\$3.1200	\$2.6533	\$2.8133	\$3.0350
6/10/21	\$2.5500	\$2.7000	\$2.9100	\$2.6650	\$2.8450	\$3.0650	\$2.7400	\$2.8900	\$3.1200	\$2.6517	\$2.8117	\$3.0317
6/11/21	\$2.5500	\$2.7000	\$2.9100	\$2.7000	\$2.8650	\$3.0650	\$2.7400	\$2.8900	\$3.1200	\$2.6633	\$2.8183	\$3.0317
6/12/21	\$2.5500	\$2.7000	\$2.9100	\$2.7900	\$2.9400	\$3.1600	\$2.7400	\$2.8900	\$3.1200	\$2.6933	\$2.8433	\$3.0633
6/13/21	\$2.5500	\$2.7000	\$2.9100	\$2.7900	\$2.9400	\$3.1600	\$2.7400	\$2.8900	\$3.1200	\$2.6933	\$2.8433	\$3.0633
6/14/21	\$2.5500	\$2.7000	\$2.9100	\$2.7900	\$2.9400	\$3.1600	\$2.7400	\$2.8900	\$3.1200	\$2.6933	\$2.8433	\$3.0633
6/15/21	\$2.5500	\$2.7000	\$2.9100	\$2.7750	\$2.9700	\$3.2300	\$2.7200	\$2.9300	\$3.1300	\$2.6817	\$2.8667	\$3.0900
6/16/21	\$2.5500	\$2.7000	\$2.9100	\$2.7500	\$2.9650	\$3.2100	\$2.7200	\$2.9300	\$3.1300	\$2.6733	\$2.8650	\$3.0833
6/17/21	\$2.5500	\$2.7000	\$2.9100	\$2.7250	\$2.9500	\$3.1350	\$2.7200	\$2.9300	\$3.1300	\$2.6650	\$2.8600	\$3.0583
6/18/21	\$2.5500	\$2.7000	\$2.9100	\$2.7100	\$2.9500	\$3.1000	\$2.7200	\$2.9300	\$3.1300	\$2.6600	\$2.8600	\$3.0467
6/19/21	\$2.5500	\$2.7000	\$2.9100	\$2.7150	\$2.9050	\$3.1000	\$2.7200	\$2.9300	\$3.1300	\$2.6617	\$2.8450	\$3.0467
6/20/21	\$2.5500	\$2.7000	\$2.9100	\$2.7150	\$2.9050	\$3.1000	\$2.7200	\$2.9300	\$3.1300	\$2.6617	\$2.8450	\$3.0467
6/21/21	\$2.5500	\$2.7000	\$2.9100	\$2.7150	\$2.9050	\$3.1000	\$2.7200	\$2.9300	\$3.1300	\$2.6617	\$2.8450	\$3.0467
6/22/21	\$2.5500	\$2.7000	\$2.9100	\$2.7500	\$2.9050	\$3.0550	\$2.8700	\$3.0200	\$3.1900	\$2.7233	\$2.8750	\$3.0517
6/23/21	\$2.5500	\$2.7000	\$2.9100	\$2.7250	\$2.9500	\$3.1550	\$2.8700	\$3.0200	\$3.1900	\$2.7150	\$2.8900	\$3.0850
6/24/21	\$2.5500	\$2.7000	\$2.9100	\$2.7500	\$3.0200	\$3.2200	\$2.8700	\$3.0200	\$3.1900	\$2.7233	\$2.9133	\$3.1067
6/25/21	\$2.5500	\$2.7000	\$2.9100	\$2.7250	\$2.9650	\$3.2400	\$2.8700	\$3.0200	\$3.1900	\$2.7150	\$2.8950	\$3.1133
6/26/21	\$2.5500	\$2.7000	\$2.9100	\$2.9300	\$3.0700	\$3.3700	\$2.8700	\$3.0200	\$3.1900	\$2.7833	\$2.9300	\$3.1567
6/27/21	\$2.5500	\$2.7000	\$2.9100	\$2.9300	\$3.0700	\$3.3700	\$2.8700	\$3.0200	\$3.1900	\$2.7833	\$2.9300	\$3.1567
6/28/21	\$2.5500	\$2.7000	\$2.9100	\$2.9300	\$3.0700	\$3.3700	\$2.8700	\$3.0200	\$3.1900	\$2.7833	\$2.9300	\$3.1567
6/29/21	\$2.5500	\$2.7000	\$2.9100	\$3.1350	\$3.3400	\$3.5550	\$3.1100	\$3.2500	\$3.6200	\$2.9317	\$3.0967	\$3.3617
6/30/21	\$2.5500	\$2.7000	\$2.9100	\$3.2200	\$3.5250	\$3.6950	\$3.1100	\$3.2500	\$3.6200	\$2.9600	\$3.1583	\$3.4083
Avg Rate	\$2.5500	\$2.7000	\$2.9100	\$2.7305	\$2.9132	\$3.1298	\$2.7380	\$2.9010	\$3.1187	\$2.6728	\$2.8381	\$3.0528

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	1,839,300	\$4,892,547.25	\$4,916,142.35	\$23,595.10
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	35,000	\$108,357.50	\$106,849.17	(\$1,508.33)

\$22,086.77

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Jun-21

DATA *	SALES STATUS	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT	DELIVERY	DELIVERY POINT	INVOICED SALES AMOUNTS		MARGIN	
					FLOW DATE	FLOW DATE		STATE OF SALE	VOLUMES INVOICED		SALES RATE
								Dth	\$/Dth		
I	S	OPP	S0257948		6/1/21	6/1/21	TCO P1042737	WV	10,000	\$2.6975	\$1,500.00
I	S	OPP	S0257963		6/1/21	6/1/21	TCO P1042737	WV	6,500	\$2.7500	\$471.25
I	S	OPP	S0257965		6/1/21	6/1/21	TCO P1042737	WV	4,600	\$2.6725	\$575.00
I	S	OPP	S0257966		6/1/21	6/1/21	TCO P1042737	WV	5,000	\$2.7000	\$762.50
I	S	OPP	S0257973		6/1/21	6/1/21	TCO P1042737	WV	25,400	\$2.7350	\$1,460.50
I	S	OPP	S0257984		6/1/21	6/1/21	TCO P1042737	WV	15,800	\$2.7750	\$1,777.50
I	S	OPP	S0257985		6/1/21	6/1/21	TCO P1042737	WV	12,300	\$2.7925	\$61.50
I	S	OPP	S0257990		6/1/21	6/1/21	TCO P1042737	WV	5,000	\$2.7775	\$25.00
I	S	OPP	S0258005		6/1/21	6/1/21	TCO P1042737	WV	10,000	\$2.7100	\$1,625.00
I	S	OPP	S0258014		6/1/21	6/1/21	TCO P1042737	WV	15,000	\$2.7550	\$637.50
I	S	OPP	S0258019		6/1/21	6/1/21	TCO P1042737	WV	6,100	\$2.7800	\$442.25
I	S	OPP	S0258043		6/1/21	6/1/21	TCO P1042737	WV	10,000	\$3.2100	\$3,025.00
I	S	OPP	S0258049		6/1/21	6/1/21	TCO P1042737	WV	25,000	\$3.2200	\$62.50
									150,700		\$12,425.50

COLUMBIA GAS OF KENTUCKY

Off-System EXCHANGE Activity Report

Jun-21

SALES AMOUNTS

Sales Amounts

DATA	SALES	EXCH		RECEIPT	DELIVERY		# OF	# OF	STATE						
STATUS	TYPE**	TYPE	SALES ID	FLOW	FLOW	INVOICE	MONTHS	MONTHS	OF	VOLUMES	SALES	TOTAL	TRANSPORT	TOTAL	MARGIN
				DATE	DATE	MONTH	IN TERM	EXPIRED	SALE	Dth	\$/Dth	\$	COST	SALE	

No Activity

JULY 2021

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Jul-21

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	TCO	80160	SST	104,940	\$6.6372	Demand Vol @ Max Rate	
			0				Demand Vol @ Max Rate	\$696,507.77
			0				Benchmark Cost	\$696,507.77
							<u>Disc Rate</u>	
CKY COST	(TATC)	TCO	80160	SST	104,940	\$4.1850	Demand Vol @ Disc Rate	
							Demand Vol @ Disc Rate	\$439,173.90
							CKY Negotiated Cost	\$439,173.90
TCI Negotiated Contract Revenue								\$257,333.87
Marketed Cap Release		TCO	SST		6,000	\$1.2400		\$7,440.00
Marketed Cap Release		TCO	SST		5,000	\$1.2400		\$6,200.00
Marketed Cap Release		TCO	SST		5,000	\$1.2400		\$6,200.00
Marketed Cap Release		TCO	SST		3,500	\$1.2400		\$4,340.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
TCI Marketed Capacity Release Revenue								\$24,180.00
Total TCI								\$281,513.87

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Jul-21	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$9.419	\$5.939	58.60%	\$6.6372
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

- TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)
- TATC - Total Actual Transportation Cost (from Transportation Closing Report)
- TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Jul-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
7/1/21	\$3.0200	\$3.2700	\$3.5200	\$3.0400	\$3.3000	\$3.5800	\$3.1100	\$3.2500	\$3.6200	\$3.0567	\$3.2733	\$3.5733
7/2/21	\$3.0200	\$3.2700	\$3.5200	\$2.9600	\$3.3350	\$3.6300	\$3.1100	\$3.2500	\$3.6200	\$3.0300	\$3.2850	\$3.5900
7/3/21	\$3.0200	\$3.2700	\$3.5200	\$3.0200	\$3.2050	\$3.5600	\$3.1100	\$3.2500	\$3.6200	\$3.0500	\$3.2417	\$3.5667
7/4/21	\$3.0200	\$3.2700	\$3.5200	\$3.0200	\$3.2050	\$3.5600	\$3.1100	\$3.2500	\$3.6200	\$3.0500	\$3.2417	\$3.5667
7/5/21	\$3.0200	\$3.2700	\$3.5200	\$3.0200	\$3.2050	\$3.5600	\$3.1100	\$3.2500	\$3.6200	\$3.0500	\$3.2417	\$3.5667
7/6/21	\$3.0200	\$3.2700	\$3.5200	\$3.0200	\$3.2050	\$3.5600	\$3.1100	\$3.2500	\$3.6200	\$3.0500	\$3.2417	\$3.5667
7/7/21	\$3.0200	\$3.2700	\$3.5200	\$3.0850	\$3.2950	\$3.5350	\$3.0300	\$3.1500	\$3.5000	\$3.0450	\$3.2383	\$3.5183
7/8/21	\$3.0200	\$3.2700	\$3.5200	\$2.9850	\$3.1450	\$3.4650	\$3.0300	\$3.1500	\$3.5000	\$3.0117	\$3.1883	\$3.4950
7/9/21	\$3.0200	\$3.2700	\$3.5200	\$3.0100	\$3.0950	\$3.5250	\$3.0300	\$3.1500	\$3.5000	\$3.0200	\$3.1717	\$3.5150
7/10/21	\$3.0200	\$3.2700	\$3.5200	\$3.0550	\$3.1950	\$3.5600	\$3.0300	\$3.1500	\$3.5000	\$3.0350	\$3.2050	\$3.5267
7/11/21	\$3.0200	\$3.2700	\$3.5200	\$3.0550	\$3.1950	\$3.5600	\$3.0300	\$3.1500	\$3.5000	\$3.0350	\$3.2050	\$3.5267
7/12/21	\$3.0200	\$3.2700	\$3.5200	\$3.0550	\$3.1950	\$3.5600	\$3.0300	\$3.1500	\$3.5000	\$3.0350	\$3.2050	\$3.5267
7/13/21	\$3.0200	\$3.2700	\$3.5200	\$3.1600	\$3.3050	\$3.5950	\$3.1800	\$3.3300	\$3.5800	\$3.1200	\$3.3017	\$3.5650
7/14/21	\$3.0200	\$3.2700	\$3.5200	\$3.2150	\$3.3450	\$3.5750	\$3.1800	\$3.3300	\$3.5800	\$3.1383	\$3.3150	\$3.5583
7/15/21	\$3.0200	\$3.2700	\$3.5200	\$3.2250	\$3.3850	\$3.5850	\$3.1800	\$3.3300	\$3.5800	\$3.1417	\$3.3283	\$3.5617
7/16/21	\$3.0200	\$3.2700	\$3.5200	\$3.2250	\$3.3550	\$3.5600	\$3.1800	\$3.3300	\$3.5800	\$3.1417	\$3.3183	\$3.5533
7/17/21	\$3.0200	\$3.2700	\$3.5200	\$3.1600	\$3.3200	\$3.5350	\$3.1800	\$3.3300	\$3.5800	\$3.1200	\$3.3067	\$3.5450
7/18/21	\$3.0200	\$3.2700	\$3.5200	\$3.1600	\$3.3200	\$3.5350	\$3.1800	\$3.3300	\$3.5800	\$3.1200	\$3.3067	\$3.5450
7/19/21	\$3.0200	\$3.2700	\$3.5200	\$3.1600	\$3.3200	\$3.5350	\$3.1800	\$3.3300	\$3.5800	\$3.1200	\$3.3067	\$3.5450
7/20/21	\$3.0200	\$3.2700	\$3.5200	\$3.2700	\$3.3700	\$3.5950	\$3.3300	\$3.4400	\$3.7400	\$3.2067	\$3.3600	\$3.6183
7/21/21	\$3.0200	\$3.2700	\$3.5200	\$3.2950	\$3.4400	\$3.7150	\$3.3300	\$3.4400	\$3.7400	\$3.2150	\$3.3833	\$3.6583
7/22/21	\$3.0200	\$3.2700	\$3.5200	\$3.3200	\$3.5200	\$3.8250	\$3.3300	\$3.4400	\$3.7400	\$3.2233	\$3.4100	\$3.6950
7/23/21	\$3.0200	\$3.2700	\$3.5200	\$3.3000	\$3.4550	\$3.8600	\$3.3300	\$3.4400	\$3.7400	\$3.2167	\$3.3883	\$3.7067
7/24/21	\$3.0200	\$3.2700	\$3.5200	\$3.4350	\$3.5900	\$3.9550	\$3.3300	\$3.4400	\$3.7400	\$3.2617	\$3.4333	\$3.7383
7/25/21	\$3.0200	\$3.2700	\$3.5200	\$3.4350	\$3.5900	\$3.9550	\$3.3300	\$3.4400	\$3.7400	\$3.2617	\$3.4333	\$3.7383
7/26/21	\$3.0200	\$3.2700	\$3.5200	\$3.4350	\$3.5900	\$3.9550	\$3.3300	\$3.4400	\$3.7400	\$3.2617	\$3.4333	\$3.7383
7/27/21	\$3.0200	\$3.2700	\$3.5200	\$3.4650	\$3.5850	\$3.9650	\$3.2800	\$3.3600	\$3.9500	\$3.2550	\$3.4050	\$3.8117
7/28/21	\$3.0200	\$3.2700	\$3.5200	\$3.4150	\$3.5950	\$3.9700	\$3.2800	\$3.3600	\$3.9500	\$3.2383	\$3.4083	\$3.8133
7/29/21	\$3.0200	\$3.2700	\$3.5200	\$3.3250	\$3.4500	\$3.9600	\$3.2800	\$3.3600	\$3.9500	\$3.2083	\$3.3600	\$3.8100
7/30/21	\$3.0200	\$3.2700	\$3.5200	\$3.2750	\$3.3400	\$3.9200	\$3.2800	\$3.3600	\$3.9500	\$3.1917	\$3.3233	\$3.7967
7/31/21	\$3.0200	\$3.2700	\$3.5200	\$3.2750	\$3.3400	\$3.9200	\$3.2800	\$3.3600	\$3.9500	\$3.1917	\$3.3233	\$3.7967
Avg Rate	\$3.0200	\$3.2700	\$3.5200	\$3.1895	\$3.3481	\$3.6829	\$3.1874	\$3.3094	\$3.6681	\$3.1323	\$3.3091	\$3.6237

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	1,623,786	\$5,047,133.29	\$5,086,204.09	\$39,070.80
CGT	ML	0	\$0.00	\$0.00	\$0.00
TENN	500	46,500	\$168,613.75	\$168,500.00	(\$113.75)

\$38,957.05

COLUMBIA GAS OF KENTUCKY
 SALES Activity Booking Report
 Jul-21

DATA * STATUS	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT	DELIVERY	DELIVERY POINT	INVOICED SALES AMOUNTS			MARGIN
				FLOW DATE	FLOW DATE		STATE OF SALE	VOLUMES INVOICED	SALES RATE	
							Dth	\$/Dth		
I	S	OPP	S0258232	7/1/21	7/1/21	TCO P1042737	WV	10,300	\$3.3200	\$3,141.50
I	S	OPP	S0258235	7/1/21	7/1/21	TCO P1042737	WV	5,000	\$3.2900	\$87.50
I	S	OPP	S0258236	7/1/21	7/1/21	TCO P1042737	WV	9,000	\$3.3000	\$247.50
I	S	OPP	S0258237	7/1/21	7/1/21	TCO P1042737	WV	10,000	\$3.3200	\$3,050.00
I	S	OPP	S0258238	7/1/21	7/1/21	TCO P1042737	WV	10,000	\$3.3200	\$3,050.00
I	S	OPP	S0258239	7/1/21	7/1/21	TCO P1042737	WV	25,000	\$3.3200	\$1,187.50
I	S	OPP	S0258184	7/1/21	7/1/21	TCO P1042737	WV	6,100	\$3.4700	\$45.75
I	S	OPP	S0258186	7/1/21	7/1/21	TCO P1042737	WV	20,000	\$3.4675	\$100.00
I	S	OPP	S0258195	7/1/21	7/1/21	TCO P1042737	WV	5,000	\$3.4900	\$287.50
I	S	OPP	S0258196	7/1/21	7/1/21	TCO P1042737	WV	5,000	\$3.4900	\$287.50
I	S	OPP	S0258197	7/1/21	7/1/21	TCO P1042737	WV	2,900	\$3.4900	\$166.75
I	S	OPP	S0258198	7/1/21	7/1/21	TCO P1042737	WV	10,000	\$3.4900	\$575.00
I	S	OPP	S0258223	7/1/21	7/1/21	TCO P1042737	WV	5,000	\$3.3750	\$262.50
I	S	OPP	S0258224	7/1/21	7/1/21	TCO P1042737	WV	20,000	\$3.3600	\$750.00
I	S	OPP	S0258225	7/1/21	7/1/21	TCO P1042737	WV	8,000	\$3.2000	(\$1,700.00)
I	S	OPP	S0258226	7/1/21	7/1/21	TCO P1042737	WV	55,000	\$3.2000	(\$4,737.50)
I	S	OPP	S0258231	7/1/21	7/1/21	TCO P1042737	WV	10,000	\$3.3000	\$2,850.00
I	S	OPP	S0258091	7/1/21	7/1/21	TCO 17-15	KY	7,000	\$3.1850	\$232.05
I	S	OPP	S0258103	7/1/21	7/1/21	TCO P1042737	WV	5,000	\$3.0500	\$225.00
I	S	OPP	S0258106	7/1/21	7/1/21	TCO P1042737	WV	5,000	\$3.1000	\$587.50
I	S	OPP	S0258110	7/1/21	7/1/21	TCO P1042737	WV	3,000	\$3.1000	\$120.00
I	S	OPP	S0258124	7/1/21	7/1/21	TCO P1042737	WV	5,000	\$3.2500	\$162.50
I	S	OPP	S0258150	7/1/21	7/1/21	TCO P1042737	WV	1,800	\$3.2700	\$9.00
I	S	OPP	S0258151	7/1/21	7/1/21	TCO P1042737	WV	8,100	\$3.3450	\$379.97
I	S	OPP	S0258156	7/1/21	7/1/21	TCO P1042737	WV	900	\$3.3200	\$22.50
I	S	OPP	S0258175	7/1/21	7/1/21	TCO P1042737	WV	4,800	\$3.3800	\$300.00
I	S	OPP	S0258182	7/1/21	7/1/21	TCO P1042737	WV	5,100	\$3.4900	\$981.75
I	S	OPP	S0258183	7/1/21	7/1/21	TCO P1042737	WV	5,000	\$3.5000	\$337.50
								267,000		\$13,009.27

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Jul-21

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW	DELIVERY FLOW	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
				DATE	DATE											
E	E	OPP	S0258125		7/1/21	9/1/21	3	1	TCO P1042737	WV	15000	\$0.3800	\$5,700.00	\$0.00	\$1,900.00	\$1,900.00
E	E	OPP	S0258141		7/1/21	9/1/21	3	1	TCO P1042737	WV	15,000	\$0.4400	\$6,600.00	\$0.00	\$2,200.00	\$2,200.00
E	E	OPP	S0258144		7/1/21	9/1/21	3	1	TCO P1042737	WV	30,000	\$0.3750	\$11,250.00	\$0.00	\$3,750.00	\$3,750.00
E	E	OPP	S0258154		7/1/21	9/1/21	3	1	TCO P1042737	WV	15,000	\$0.3500	\$5,250.00	\$0.00	\$1,750.00	\$1,750.00
E	E	OPP	S0258158		7/1/21	9/1/21	3	1	TCO P1042737	WV	30,000	\$0.3800	\$11,400.00	\$0.00	\$3,800.00	\$3,800.00
E	E	OPP	S0258171		7/1/21	9/1/21	3	1	TCO P1042737	WV	30,000	\$0.4000	\$12,000.00	\$0.00	\$4,000.00	\$4,000.00
E	E	OPP	S0258180		7/1/21	9/1/21	3	1	TCO P1042737	WV	90,000	\$0.4250	\$38,250.00	\$0.00	\$12,750.00	\$12,750.00
E	E	OPP	S0258193		7/1/21	9/1/21	3	1	TCO P1042737	WV	15,000	\$0.4100	\$6,150.00	\$0.00	\$2,050.00	\$2,050.00
E	E	OPP	S0258075		7/1/21	9/1/21	3	1	TCO P1042737	WV	60,000	\$0.3300	\$19,800.00	\$0.00	\$6,600.00	\$6,600.00
E	E	OPP	S0258087		7/1/21	9/1/21	3	1	TCO P1042737	WV	15,000	\$0.4000	\$6,000.00	\$0.00	\$2,000.00	\$2,000.00
E	E	OPP	S0258119		7/1/21	9/1/21	3	1	TCO P1042737	WV	15,000	\$0.3100	\$4,650.00	\$0.00	\$1,550.00	\$1,550.00
											330,000		\$127,050.00		\$42,350.00	\$42,350.00

AUGUST 2021

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Aug-21

		Pipeline	Contract Number	Rate Sched	P/L MDQ	Max Rate	Calculation	Actual
BENCHMARK	(TBTC)	TCO	80160	SST	104,940	\$6.6372	Demand Vol @ Max Rate	\$0.00
			0				Demand Vol @ Max Rate	\$696,507.77
			0				Benchmark Cost	\$696,507.77
						Disc Rate		
CKY COST	(TATC)	TCO	80160	SST	104,940	\$4.1850	Demand Vol @ Disc Rate	\$0.00
							Demand Vol @ Disc Rate	\$439,173.90
							CKY Negotiated Cost	\$439,173.90
TCI Negotiated Contract Revenue								\$257,333.87
Marketed Cap Release		TCO	SST		3,500	\$0.9300		\$3,255.00
Marketed Cap Release		TCO	SST		10,000	\$0.9300		\$9,300.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
TCI Marketed Capacity Release Revenue								\$12,555.00
Total TCI								\$269,888.87

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Aug-21	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$9.419	\$5.939	58.60%	\$6.6372

PSC Order Effective 7/24/20 with an expiration date of 3/31/21

- TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)
- TATC - Total Actual Transportation Cost (from Transportation Closing Report)
- TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Aug-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price			Weighted Avg Calculated		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	Natural Gas Week (NGW)			Benchmark Rate by P/L		
							TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
							(Rayne)					
8/1/21	\$3.2200	\$3.4900	\$3.9300	\$3.1000	\$3.1600	\$3.8150	\$3.2800	\$3.3600	\$3.9500	\$3.2000	\$3.3367	\$3.8983
8/2/21	\$3.2200	\$3.4900	\$3.9300	\$3.1000	\$3.1600	\$3.8150	\$3.2800	\$3.3600	\$3.9500	\$3.2000	\$3.3367	\$3.8983
8/3/21	\$3.2200	\$3.4900	\$3.9300	\$3.3900	\$3.4550	\$3.9100	\$3.6400	\$3.7400	\$4.0000	\$3.4167	\$3.5617	\$3.9467
8/4/21	\$3.2200	\$3.4900	\$3.9300	\$3.5400	\$3.6400	\$3.9250	\$3.6400	\$3.7400	\$4.0000	\$3.4667	\$3.6233	\$3.9517
8/5/21	\$3.2200	\$3.4900	\$3.9300	\$3.7650	\$3.8350	\$4.0850	\$3.6400	\$3.7400	\$4.0000	\$3.5417	\$3.6883	\$4.0050
8/6/21	\$3.2200	\$3.4900	\$3.9300	\$3.8350	\$3.9150	\$4.1050	\$3.6400	\$3.7400	\$4.0000	\$3.5650	\$3.7150	\$4.0117
8/7/21	\$3.2200	\$3.4900	\$3.9300	\$3.7550	\$3.8500	\$4.0550	\$3.6400	\$3.7400	\$4.0000	\$3.5383	\$3.6933	\$3.9950
8/8/21	\$3.2200	\$3.4900	\$3.9300	\$3.7550	\$3.8500	\$4.0550	\$3.6400	\$3.7400	\$4.0000	\$3.5383	\$3.6933	\$3.9950
8/9/21	\$3.2200	\$3.4900	\$3.9300	\$3.7550	\$3.8500	\$4.0550	\$3.6400	\$3.7400	\$4.0000	\$3.5383	\$3.6933	\$3.9950
8/10/21	\$3.2200	\$3.4900	\$3.9300	\$3.7700	\$3.8300	\$4.0350	\$3.7400	\$3.7900	\$4.0100	\$3.5767	\$3.7033	\$3.9917
8/11/21	\$3.2200	\$3.4900	\$3.9300	\$3.8150	\$3.8450	\$4.0650	\$3.7400	\$3.7900	\$4.0100	\$3.5917	\$3.7083	\$4.0017
8/12/21	\$3.2200	\$3.4900	\$3.9300	\$3.7600	\$3.8350	\$3.9950	\$3.7400	\$3.7900	\$4.0100	\$3.5733	\$3.7050	\$3.9783
8/13/21	\$3.2200	\$3.4900	\$3.9300	\$3.6800	\$3.7900	\$3.9400	\$3.7400	\$3.7900	\$4.0100	\$3.5467	\$3.6900	\$3.9600
8/14/21	\$3.2200	\$3.4900	\$3.9300	\$3.5700	\$3.6800	\$3.8450	\$3.7400	\$3.7900	\$4.0100	\$3.5100	\$3.6533	\$3.9283
8/15/21	\$3.2200	\$3.4900	\$3.9300	\$3.5700	\$3.6800	\$3.8450	\$3.7400	\$3.7900	\$4.0100	\$3.5100	\$3.6533	\$3.9283
8/16/21	\$3.2200	\$3.4900	\$3.9300	\$3.5700	\$3.6800	\$3.8450	\$3.7400	\$3.7900	\$4.0100	\$3.5100	\$3.6533	\$3.9283
8/17/21	\$3.2200	\$3.4900	\$3.9300	\$3.6400	\$3.7300	\$3.8850	\$3.6100	\$3.6700	\$3.8200	\$3.4900	\$3.6300	\$3.8783
8/18/21	\$3.2200	\$3.4900	\$3.9300	\$3.5900	\$3.6850	\$3.8100	\$3.6100	\$3.6700	\$3.8200	\$3.4733	\$3.6150	\$3.8533
8/19/21	\$3.2200	\$3.4900	\$3.9300	\$3.5850	\$3.6700	\$3.8000	\$3.6100	\$3.6700	\$3.8200	\$3.4717	\$3.6100	\$3.8500
8/20/21	\$3.2200	\$3.4900	\$3.9300	\$3.5450	\$3.6250	\$3.7350	\$3.6100	\$3.6700	\$3.8200	\$3.4583	\$3.5950	\$3.8283
8/21/21	\$3.2200	\$3.4900	\$3.9300	\$3.6450	\$3.7100	\$3.8750	\$3.6100	\$3.6700	\$3.8200	\$3.4917	\$3.6233	\$3.8750
8/22/21	\$3.2200	\$3.4900	\$3.9300	\$3.6450	\$3.7100	\$3.8750	\$3.6100	\$3.6700	\$3.8200	\$3.4917	\$3.6233	\$3.8750
8/23/21	\$3.2200	\$3.4900	\$3.9300	\$3.6450	\$3.7100	\$3.8750	\$3.6100	\$3.6700	\$3.8200	\$3.4917	\$3.6233	\$3.8750
8/24/21	\$3.2200	\$3.4900	\$3.9300	\$3.7050	\$3.7700	\$3.8950	\$3.8200	\$3.8300	\$4.0400	\$3.5817	\$3.6967	\$3.9550
8/25/21	\$3.2200	\$3.4900	\$3.9300	\$3.7200	\$3.8200	\$3.9100	\$3.8200	\$3.8300	\$4.0400	\$3.5867	\$3.7133	\$3.9600
8/26/21	\$3.2200	\$3.4900	\$3.9300	\$3.7900	\$3.8600	\$3.9250	\$3.8200	\$3.8300	\$4.0400	\$3.6100	\$3.7267	\$3.9650
8/27/21	\$3.2200	\$3.4900	\$3.9300	\$3.8950	\$3.9500	\$4.0550	\$3.8200	\$3.8300	\$4.0400	\$3.6450	\$3.7567	\$4.0083
8/28/21	\$3.2200	\$3.4900	\$3.9300	\$3.9300	\$4.0250	\$4.3150	\$3.8200	\$3.8300	\$4.0400	\$3.6567	\$3.7817	\$4.0950
8/29/21	\$3.2200	\$3.4900	\$3.9300	\$3.9300	\$4.0250	\$4.3150	\$3.8200	\$3.8300	\$4.0400	\$3.6567	\$3.7817	\$4.0950
8/30/21	\$3.2200	\$3.4900	\$3.9300	\$3.9300	\$4.0250	\$4.3150	\$3.8200	\$3.8300	\$4.0400	\$3.6567	\$3.7817	\$4.0950
8/31/21	\$3.2200	\$3.4900	\$3.9300	\$3.9550	\$4.0350	\$4.1500	\$3.8900	\$3.9700	\$4.4000	\$3.6883	\$3.8317	\$4.1600
Avg Rate	\$3.2200	\$3.4900	\$3.9300	\$3.6735	\$3.7550	\$3.9718	\$3.6813	\$3.7387	\$3.9803	\$3.5249	\$3.6612	\$3.9607

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	1,658,300	\$5,788,959.00	\$5,845,418.34	\$56,459.34
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	46,500	\$183,923.75	\$184,172.50	\$248.75
					\$56,708.09

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Aug-21

DATA * STATUS	SALES TYPE **	SALES CATEGORY	RECEIPT FLOW SALES ID (1)	DELIVERY FLOW DATE (2)	DELIVERY DATE (3)	DELIVERY POINT	INVOICED SALES AMOUNTS			MARGIN
							STATE OF SALE (16)	VOLUMES INVOICED Dth (17 A)	SALES RATE \$/Dth (18 A)	
I	S	OPP	S0258251	8/1/21	8/1/21	TCO P1042737	WV	20,200	\$3.4750	\$1,767.50
I	S	OPP	S0258265	8/1/21	8/1/21	TCO P1042737	WV	4,100	\$3.9200	\$635.50
I	S	OPP	S0258277	8/1/21	8/1/21	TCO P1042737	WV	8,800	\$3.7800	\$1,672.00
I	S	OPP	S0258335	8/1/21	8/1/21	TCO P1042737	WV	23,400	\$3.7000	\$3,685.50
I	S	OPP	S0258350	8/1/21	8/1/21	TCO P1042737	WV	7,700	\$3.8250	\$1,405.25
I	S	OPP	S0258379	8/1/21	8/1/21	TCO P1042737	WV	10,000	\$3.9600	\$75.00
I	S	OPP	S0258380	8/1/21	8/1/21	TCO P1042737	WV	5,000	\$3.9625	\$50.00
I	S	OPP	S0258384	8/1/21	8/1/21	TCO P1042737	WV	29,700	\$4.1000	\$5,123.25
								108,900		\$14,414.00

COLUMBIA GAS OF KENTUCKY
Off-System EXCHANGE Activity Report
Aug-21

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW	DELIVERY FLOW	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	TOTAL SALE	MARGIN
				DATE	DATE	MONTH										
E	E	OPP	S0258270	8/1/21	8/1/21	8/1/21	1		1 TCO P1042737	WV	75,000	\$0.0700	\$5,250.00	\$0.00	\$5,250.00	\$5,250.00
E	E	OPP	S0258075		7/1/21	9/1/21	3		2 TCO P1042737	WV	60000	\$0.3300	\$19,800.00	\$0.00	\$6,600.00	\$6,600.00
E	E	OPP	S0258087		7/1/21	9/1/21	3		2 TCO P1042737	WV	15,000	\$0.4000	\$6,000.00	\$0.00	\$2,000.00	\$2,000.00
E	E	OPP	S0258119		7/1/21	9/1/21	3		2 TCO P1042737	WV	15,000	\$0.3100	\$4,650.00	\$0.00	\$1,550.00	\$1,550.00
E	E	OPP	S0258125		7/1/21	9/1/21	3		2 TCO P1042737	WV	15,000	\$0.3800	\$5,700.00	\$0.00	\$1,900.00	\$1,900.00
E	E	OPP	S0258141		7/1/21	9/1/21	3		2 TCO P1042737	WV	15,000	\$0.4400	\$6,600.00	\$0.00	\$2,200.00	\$2,200.00
E	E	OPP	S0258144		7/1/21	9/1/21	3		2 TCO P1042737	WV	30,000	\$0.3750	\$11,250.00	\$0.00	\$3,750.00	\$3,750.00
E	E	OPP	S0258154		7/1/21	9/1/21	3		2 TCO P1042737	WV	15,000	\$0.3500	\$5,250.00	\$0.00	\$1,750.00	\$1,750.00
E	E	OPP	S0258158		7/1/21	9/1/21	3		2 TCO P1042737	WV	30,000	\$0.3800	\$11,400.00	\$0.00	\$3,800.00	\$3,800.00
E	E	OPP	S0258171		7/1/21	9/1/21	3		2 TCO P1042737	WV	30,000	\$0.4000	\$12,000.00	\$0.00	\$4,000.00	\$4,000.00
E	E	OPP	S0258180		7/1/21	9/1/21	3		2 TCO P1042737	WV	90,000	\$0.4250	\$38,250.00	\$0.00	\$12,750.00	\$12,750.00
E	E	OPP	S0258193		7/1/21	9/1/21	3		2 TCO P1042737	WV	15,000	\$0.4100	\$6,150.00	\$0.00	\$2,050.00	\$2,050.00
E	E	OPP	S0258271		8/1/21	9/1/21	2		1 TCO P1042737	WV	45,000	\$0.4400	\$19,800.00	\$0.00	\$9,900.00	\$9,900.00
E	E	OPP	S0258307		8/1/21	11/1/21	4		1 TCO P1042737	WV	30,000	\$0.2100	\$6,300.00	\$0.00	\$1,575.00	\$1,575.00
E	E	OPP	S0258317		8/1/21	11/1/21	4		1 TCO P1042737	WV	30,000	\$0.2100	\$6,300.00	\$0.00	\$1,575.00	\$1,575.00
E	E	OPP	S0258370		8/1/21	11/1/21	4		1 TCO P1042737	WV	15,000	\$0.2750	\$4,125.00	\$0.00	\$1,031.25	\$1,031.25
											525,000		\$168,825.00		\$61,681.25	\$61,681.25

SEPTEMBER 2021

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Sep-21

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	TCO	80160	SST	104,940	\$6.6372	Demand Vol @ Max Rate	
			0				Demand Vol @ Max Rate	\$696,507.77
			0				Benchmark Cost	\$696,507.77
						Disc Rate		
CKY COST	(TATC)	TCO	80160	SST	104,940	\$4.1850	Demand Vol @ Disc Rate	
							Demand Vol @ Disc Rate	\$439,173.90
							CKY Negotiated Cost	\$439,173.90
							TCI Negotiated Contract Revenue	\$257,333.87
Marketed Cap Release		TCO	SST		5000	\$0.9000		\$4,500.00
Marketed Cap Release		TCO	SST		10000	\$0.9000		\$9,000.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
							TCI Marketed Capacity Release Revenue	\$13,500.00
							Total TCI	\$270,833.87

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Sep-21	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$9.419	\$5.939	58.60%	\$6.6372
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

- TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Max Tariff Rate)
- TATC - Total Actual Transportation Cost (from Transportation Closing Report)
- TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Sep-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
							(Rayne)					
9/1/21	\$3.6500	\$3.9500	\$4.3000	\$3.8500	\$3.9250	\$4.2350	\$3.8900	\$3.9700	\$4.4000	\$3.7967	\$3.9483	\$4.3117
9/2/21	\$3.6500	\$3.9500	\$4.3000	\$4.0200	\$4.1150	\$4.5200	\$3.8900	\$3.9700	\$4.4000	\$3.8533	\$4.0117	\$4.4067
9/3/21	\$3.6500	\$3.9500	\$4.3000	\$3.9050	\$4.0500	\$4.6150	\$3.8900	\$3.9700	\$4.4000	\$3.8150	\$3.9900	\$4.4383
9/4/21	\$3.6500	\$3.9500	\$4.3000	\$3.8800	\$3.8900	\$4.6050	\$3.8900	\$3.9700	\$4.4000	\$3.8067	\$3.9367	\$4.4350
9/5/21	\$3.6500	\$3.9500	\$4.3000	\$3.8800	\$3.8900	\$4.6050	\$3.8900	\$3.9700	\$4.4000	\$3.8067	\$3.9367	\$4.4350
9/6/21	\$3.6500	\$3.9500	\$4.3000	\$3.8800	\$3.8900	\$4.6050	\$3.8900	\$3.9700	\$4.4000	\$3.8067	\$3.9367	\$4.4350
9/7/21	\$3.6500	\$3.9500	\$4.3000	\$3.8800	\$3.8900	\$4.6050	\$3.8900	\$3.9700	\$4.4000	\$3.8067	\$3.9367	\$4.4350
9/8/21	\$3.6500	\$3.9500	\$4.3000	\$4.0250	\$4.1350	\$4.5950	\$4.2900	\$4.3800	\$4.8800	\$3.9883	\$4.1550	\$4.5917
9/9/21	\$3.6500	\$3.9500	\$4.3000	\$4.3700	\$4.4650	\$4.8350	\$4.2900	\$4.3800	\$4.8800	\$4.1033	\$4.2650	\$4.6717
9/10/21	\$3.6500	\$3.9500	\$4.3000	\$4.2150	\$4.3700	\$4.9150	\$4.2900	\$4.3800	\$4.8800	\$4.0517	\$4.2333	\$4.6983
9/11/21	\$3.6500	\$3.9500	\$4.3000	\$4.3000	\$4.4000	\$4.9500	\$4.2900	\$4.3800	\$4.8800	\$4.0800	\$4.2433	\$4.7100
9/12/21	\$3.6500	\$3.9500	\$4.3000	\$4.3000	\$4.4000	\$4.9500	\$4.2900	\$4.3800	\$4.8800	\$4.0800	\$4.2433	\$4.7100
9/13/21	\$3.6500	\$3.9500	\$4.3000	\$4.3000	\$4.4000	\$4.9500	\$4.2900	\$4.3800	\$4.8800	\$4.0800	\$4.2433	\$4.7100
9/14/21	\$3.6500	\$3.9500	\$4.3000	\$4.7550	\$4.7450	\$5.1750	\$4.9400	\$5.0800	\$5.2700	\$4.4483	\$4.5917	\$4.9150
9/15/21	\$3.6500	\$3.9500	\$4.3000	\$5.0550	\$5.1450	\$5.3050	\$4.9400	\$5.0800	\$5.2700	\$4.5483	\$4.7250	\$4.9583
9/16/21	\$3.6500	\$3.9500	\$4.3000	\$5.0900	\$5.1850	\$5.5750	\$4.9400	\$5.0800	\$5.2700	\$4.5600	\$4.7383	\$5.0483
9/17/21	\$3.6500	\$3.9500	\$4.3000	\$5.0500	\$5.1050	\$5.3350	\$4.9400	\$5.0800	\$5.2700	\$4.5467	\$4.7117	\$4.9683
9/18/21	\$3.6500	\$3.9500	\$4.3000	\$4.7500	\$4.8100	\$5.2150	\$4.9400	\$5.0800	\$5.2700	\$4.4467	\$4.6133	\$4.9283
9/19/21	\$3.6500	\$3.9500	\$4.3000	\$4.7500	\$4.8100	\$5.2150	\$4.9400	\$5.0800	\$5.2700	\$4.4467	\$4.6133	\$4.9283
9/20/21	\$3.6500	\$3.9500	\$4.3000	\$4.7500	\$4.8100	\$5.2150	\$4.9400	\$5.0800	\$5.2700	\$4.4467	\$4.6133	\$4.9283
9/21/21	\$3.6500	\$3.9500	\$4.3000	\$4.4050	\$4.5300	\$5.1150	\$4.1500	\$4.3900	\$4.8900	\$4.0683	\$4.2900	\$4.7683
9/22/21	\$3.6500	\$3.9500	\$4.3000	\$3.9350	\$4.0200	\$4.7950	\$4.1500	\$4.3900	\$4.8900	\$3.9117	\$4.1200	\$4.6617
9/23/21	\$3.6500	\$3.9500	\$4.3000	\$4.0150	\$4.0750	\$4.7750	\$4.1500	\$4.3900	\$4.8900	\$3.9383	\$4.1383	\$4.6550
9/24/21	\$3.6500	\$3.9500	\$4.3000	\$4.2100	\$4.4100	\$4.8600	\$4.1500	\$4.3900	\$4.8900	\$4.0033	\$4.2500	\$4.6833
9/25/21	\$3.6500	\$3.9500	\$4.3000	\$4.1350	\$4.3050	\$4.9250	\$4.1500	\$4.3900	\$4.8900	\$3.9783	\$4.2150	\$4.7050
9/26/21	\$3.6500	\$3.9500	\$4.3000	\$4.1350	\$4.3050	\$4.9250	\$4.1500	\$4.3900	\$4.8900	\$3.9783	\$4.2150	\$4.7050
9/27/21	\$3.6500	\$3.9500	\$4.3000	\$4.1350	\$4.3050	\$4.9250	\$4.1500	\$4.3900	\$4.8900	\$3.9783	\$4.2150	\$4.7050
9/28/21	\$3.6500	\$3.9500	\$4.3000	\$4.5300	\$4.6400	\$5.4950	\$4.4500	\$4.2800	\$5.6200	\$4.2100	\$4.2900	\$5.1383
9/29/21	\$3.6500	\$3.9500	\$4.3000	\$4.9200	\$5.0350	\$5.8950	\$4.4500	\$4.2800	\$5.6200	\$4.3400	\$4.4217	\$5.2717
9/30/21	\$3.6500	\$3.9500	\$4.3000	\$4.7700	\$4.9250	\$5.5600	\$4.4500	\$4.2800	\$5.6200	\$4.2900	\$4.3850	\$5.1600
Avg Rate	\$3.6500	\$3.9500	\$4.3000	\$4.3398	\$4.4327	\$4.9763	\$4.3317	\$4.4400	\$4.9353	\$4.1072	\$4.2742	\$4.7372

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	979,340	\$3,886,582.25	\$4,022,312.60	\$135,730.35
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	45,000	\$213,677.50	\$213,175.00	(\$502.50)
					\$135,227.85

COLUMBIA GAS OF KENTUCKY
 SALES Activity Booking Report
 Sep-21

DATA * STATUS	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT	DELIVERY	DELIVERY POINT	INVOICED SALES AMOUNTS			MARGIN
				FLOW DATE	FLOW DATE		STATE OF SALE	VOLUMES INVOICED	SALES RATE	
	S	OPP	S0258509	9/1/21	9/1/21	TCO P1042737	WV	15,000	\$4.1425	\$150.00
	S	OPP	S0258510	9/1/21	9/1/21	TCO P1042737	WV	9,600	\$4.1425	\$73.54
	S	OPP	S0258515	9/1/21	9/1/21	TCO P1042737	WV	15,000	\$4.5400	\$187.50
	S	OPP	S0258516	9/1/21	9/1/21	TCO P1042737	WV	7,500	\$4.5375	\$67.50
	S	OPP	S0258529	9/1/21	9/1/21	TCO P1042737	WV	9,100	\$5.0000	\$2,297.75
	S	OPP	S0258530	9/1/21	9/1/21	TCO P1042737	WV	200	\$4.9325	\$3.00
	S	OPP	S0258531	9/1/21	9/1/21	TCO P1042737	WV	400	\$4.9275	\$4.00
	S	OPP	S0258532	9/1/21	9/1/21	TCO P1042737	WV	5,000	\$4.9275	\$50.00
	S	OPP	S0258533	9/1/21	9/1/21	TCO P1042737	WV	10,000	\$4.9275	\$100.00
	S	OPP	S0258534	9/1/21	9/1/21	TCO P1042737	WV	10,000	\$4.9275	\$92.50
	S	OPP	S0258535	9/1/21	9/1/21	TCO P1042737	WV	2,400	\$4.9300	\$30.00
	S	OPP	S0258458	9/1/21	9/1/21	TCO P1042737	WV	5,000	\$4.4075	\$17.50
	S	OPP	S0258459	9/1/21	9/1/21	TCO P1042737	WV	5,000	\$4.4075	\$25.00
	S	OPP	S0258460	9/1/21	9/1/21	TCO P1042737	WV	2,500	\$4.4075	\$12.50
	S	OPP	S0258466	9/1/21	9/1/21	TCO P1042737	WV	2,500	\$3.9400	\$18.75
	S	OPP	S0258467	9/1/21	9/1/21	TCO P1042737	WV	10,000	\$3.9375	\$42.50
	S	OPP	S0258481	9/1/21	9/1/21	TCO P1042737	WV	5,000	\$4.0300	\$400.00
	S	OPP	S0258486	9/1/21	9/1/21	TCO P1042737	WV	3,300	\$4.0500	\$387.75
	S	OPP	S0258492	9/1/21	9/1/21	TCO P1042737	WV	7,000	\$4.0800	\$1,032.50
	S	OPP	S0258500	9/1/21	9/1/21	TCO P1042737	WV	10,000	\$4.2175	\$100.00
	S	OPP	S0258507	9/1/21	9/1/21	TCO P1042737	WV	5,000	\$4.2600	\$262.50
	S	OPP	S0258508	9/1/21	9/1/21	TCO P1042737	WV	5,400	\$4.1425	\$54.00
	S	OPP	S0258401	9/1/21	9/1/21	TCO P1042737	WV	13,000	\$4.0450	\$349.96
	S	OPP	S0258418	9/1/21	9/1/21	TCO P1042737	WV	12,500	\$4.7625	\$125.00
	S	OPP	S0258426	9/1/21	9/1/21	TCO P1042737	WV	3,500	\$4.8500	\$341.25
	S	OPP	S0258433	9/1/21	9/1/21	TCO P1042737	WV	25,400	\$4.9000	\$10,160.00
	S	OPP	S0258435	9/1/21	9/1/21	TCO P1042737	WV	10,000	\$5.0775	\$250.00
	S	OPP	S0258440	9/1/21	9/1/21	TCO P1042737	WV	7,900	\$5.0900	\$12.25
	S	OPP	S0258442	9/1/21	9/1/21	TCO P1042737	WV	2,100	\$5.0950	\$15.75
	S	OPP	S0258444	9/1/21	9/1/21	TCO P1042737	WV	3,800	\$5.0525	\$19.00
	S	OPP	S0258445	9/1/21	9/1/21	TCO P1042737	WV	8,700	\$5.0525	\$36.02
	S	OPP	S0258451	9/1/21	9/1/21	TCO P1042737	WV	4,000	\$5.2100	\$490.00
	S	OPP	S0258453	9/1/21	9/1/21	TCO P1042737	WV	37,500	\$4.7575	\$352.50
	S	OPP	S0258539	9/1/21	9/1/21	TCO P1042737	WV	30,000	\$4.7700	\$867.60
	S	OPP	S0258541	9/1/21	9/1/21	TCO P1042737	WV	3,800	\$4.8500	\$370.50
	S	OPP	S0258549	9/1/21	9/1/21	TCO P1042737	WV	5,000	\$4.9350	\$905.00
								312,100		\$19,703.62

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Sep-21

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW	DELIVERY FLOW	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	EXCISE TAX	TOTAL SALE	MARGIN
				DATE	DATE	MONTH											
E	E	OPP	S0258075	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	60000	\$0.3300	\$19,800.00	\$0.00	\$0.00	\$6,600.00	\$6,600.00
E	E	OPP	S0258087	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	15,000	\$0.4000	\$6,000.00	\$0.00	\$0.00	\$2,000.00	\$2,000.00
E	E	OPP	S0258119	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	15,000	\$0.3100	\$4,650.00	\$0.00	\$0.00	\$1,550.00	\$1,550.00
E	E	OPP	S0258125	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	15,000	\$0.3800	\$5,700.00	\$0.00	\$0.00	\$1,900.00	\$1,900.00
E	E	OPP	S0258141	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	15,000	\$0.4400	\$6,600.00	\$0.00	\$0.00	\$2,200.00	\$2,200.00
E	E	OPP	S0258144	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	30,000	\$0.3750	\$11,250.00	\$0.00	\$0.00	\$3,750.00	\$3,750.00
E	E	OPP	S0258154	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	15,000	\$0.3500	\$5,250.00	\$0.00	\$0.00	\$1,750.00	\$1,750.00
E	E	OPP	S0258158	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	30,000	\$0.3800	\$11,400.00	\$0.00	\$0.00	\$3,800.00	\$3,800.00
E	E	OPP	S0258171	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	30,000	\$0.4000	\$12,000.00	\$0.00	\$0.00	\$4,000.00	\$4,000.00
E	E	OPP	S0258180	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	90,000	\$0.4250	\$38,250.00	\$0.00	\$0.00	\$12,750.00	\$12,750.00
E	E	OPP	S0258193	9/1/21	7/1/21	9/1/21	3	3	TCO P1042737	WV	15,000	\$0.4100	\$6,150.00	\$0.00	\$0.00	\$2,050.00	\$2,050.00
E	E	OPP	S0258271	9/1/21	8/1/21	9/1/21	2	2	TCO P1042737	WV	45,000	\$0.4400	\$19,800.00	\$0.00	\$0.00	\$9,900.00	\$9,900.00
E	E	OPP	S0258404		9/1/21	10/1/21	2	1	TCO P1042737	WV	15,500	\$0.4500	\$6,975.00	\$0.00	\$0.00	\$3,487.50	\$3,487.50
E	E	OPP	S0258411		9/1/21	10/1/21	2	1	TCO P1042737	WV	60,000	\$0.4200	\$25,200.00	\$0.00	\$0.00	\$12,600.00	\$12,600.00
E	E	OPP	S0258400		9/1/21	10/1/21	2	1	TCO P1042737	WV	15,500	\$0.4200	\$6,510.00	\$0.00	\$0.00	\$3,255.00	\$3,255.00
E	E	OPP	S0258304		8/1/21	11/1/21	4	2	TCO P1042737	WV	45,000	\$0.4400	\$19,800.00	\$0.00	\$0.00	\$4,950.00	\$4,950.00
E	E	OPP	S0258307		8/1/21	11/1/21	4	2	TCO P1042737	WV	30,000	\$0.2100	\$6,300.00	\$0.00	\$0.00	\$1,575.00	\$1,575.00
E	E	OPP	S0258317		8/1/21	11/1/21	4	2	TCO P1042737	WV	30,000	\$0.2100	\$6,300.00	\$0.00	\$0.00	\$1,575.00	\$1,575.00
E	E	OPP	S0258370		8/1/21	11/1/21	4	2	TCO P1042737	WV	15,000	\$0.2750	\$4,125.00	\$0.00	\$0.00	\$1,031.25	\$1,031.25
											586,000		\$222,060.00			\$80,723.75	\$80,723.75

OCTOBER 2021

CKY GCI CALCULATION

Flow Period: Oct-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
10/1/21	\$4.8100	\$5.0800	\$5.7700	\$4.6150	\$4.7600	\$5.5200	\$4.4500	\$4.2800	\$5.6200	\$4.6250	\$4.7067	\$5.6367
10/2/21	\$4.8100	\$5.0800	\$5.7700	\$4.1750	\$4.3850	\$5.5450	\$4.4500	\$4.2800	\$5.6200	\$4.4783	\$4.5817	\$5.6450
10/3/21	\$4.8100	\$5.0800	\$5.7700	\$4.1750	\$4.3850	\$5.5450	\$4.4500	\$4.2800	\$5.6200	\$4.4783	\$4.5817	\$5.6450
10/4/21	\$4.8100	\$5.0800	\$5.7700	\$4.1750	\$4.3850	\$5.5450	\$4.4500	\$4.2800	\$5.6200	\$4.4783	\$4.5817	\$5.6450
10/5/21	\$4.8100	\$5.0800	\$5.7700	\$4.5550	\$4.6850	\$5.8900	\$4.6800	\$4.7600	\$5.7000	\$4.6817	\$4.8417	\$5.7867
10/6/21	\$4.8100	\$5.0800	\$5.7700	\$5.1550	\$5.3900	\$6.1650	\$4.6800	\$4.7600	\$5.7000	\$4.8817	\$5.0767	\$5.8783
10/7/21	\$4.8100	\$5.0800	\$5.7700	\$5.0900	\$5.1450	\$5.8150	\$4.6800	\$4.7600	\$5.7000	\$4.8600	\$4.9950	\$5.7617
10/8/21	\$4.8100	\$5.0800	\$5.7700	\$4.7600	\$4.8500	\$5.5750	\$4.6800	\$4.7600	\$5.7000	\$4.7500	\$4.8967	\$5.6817
10/9/21	\$4.8100	\$5.0800	\$5.7700	\$4.4650	\$4.5950	\$5.5850	\$4.6800	\$4.7600	\$5.7000	\$4.6517	\$4.8117	\$5.6850
10/10/21	\$4.8100	\$5.0800	\$5.7700	\$4.4650	\$4.5950	\$5.5850	\$4.6800	\$4.7600	\$5.7000	\$4.6517	\$4.8117	\$5.6850
10/11/21	\$4.8100	\$5.0800	\$5.7700	\$4.4650	\$4.5950	\$5.5850	\$4.6800	\$4.7600	\$5.7000	\$4.6517	\$4.8117	\$5.6850
10/12/21	\$4.8100	\$5.0800	\$5.7700	\$4.6150	\$4.6850	\$5.3950	\$4.8700	\$4.7700	\$5.4300	\$4.7650	\$4.8450	\$5.5317
10/13/21	\$4.8100	\$5.0800	\$5.7700	\$4.6950	\$4.8300	\$5.3450	\$4.8700	\$4.7700	\$5.4300	\$4.7917	\$4.8933	\$5.5150
10/14/21	\$4.8100	\$5.0800	\$5.7700	\$4.7750	\$4.8800	\$5.4150	\$4.8700	\$4.7700	\$5.4300	\$4.8183	\$4.9100	\$5.5383
10/15/21	\$4.8100	\$5.0800	\$5.7700	\$5.0950	\$5.2300	\$5.8150	\$4.8700	\$4.7700	\$5.4300	\$4.9250	\$5.0267	\$5.6717
10/16/21	\$4.8100	\$5.0800	\$5.7700	\$4.7000	\$4.7750	\$5.3850	\$4.8700	\$4.7700	\$5.4300	\$4.7933	\$4.8750	\$5.5283
10/17/21	\$4.8100	\$5.0800	\$5.7700	\$4.7000	\$4.7750	\$5.3850	\$4.8700	\$4.7700	\$5.4300	\$4.7933	\$4.8750	\$5.5283
10/18/21	\$4.8100	\$5.0800	\$5.7700	\$4.7000	\$4.7750	\$5.3850	\$4.8700	\$4.7700	\$5.4300	\$4.7933	\$4.8750	\$5.5283
10/19/21	\$4.8100	\$5.0800	\$5.7700	\$4.4700	\$4.6400	\$4.9600	\$4.3900	\$4.5200	\$4.9500	\$4.5567	\$4.7467	\$5.2267
10/20/21	\$4.8100	\$5.0800	\$5.7700	\$4.2000	\$4.3200	\$4.7350	\$4.3900	\$4.5200	\$4.9500	\$4.4667	\$4.6400	\$5.1517
10/21/21	\$4.8100	\$5.0800	\$5.7700	\$4.3100	\$4.4200	\$4.8200	\$4.3900	\$4.5200	\$4.9500	\$4.5033	\$4.6733	\$5.1800
10/22/21	\$4.8100	\$5.0800	\$5.7700	\$4.4750	\$4.5700	\$4.9350	\$4.3900	\$4.5200	\$4.9500	\$4.5583	\$4.7233	\$5.2183
10/23/21	\$4.8100	\$5.0800	\$5.7700	\$4.5300	\$4.6400	\$5.0100	\$4.3900	\$4.5200	\$4.9500	\$4.5767	\$4.7467	\$5.2433
10/24/21	\$4.8100	\$5.0800	\$5.7700	\$4.5300	\$4.6400	\$5.0100	\$4.3900	\$4.5200	\$4.9500	\$4.5767	\$4.7467	\$5.2433
10/25/21	\$4.8100	\$5.0800	\$5.7700	\$4.5300	\$4.6400	\$5.0100	\$4.3900	\$4.5200	\$4.9500	\$4.5767	\$4.7467	\$5.2433
10/26/21	\$4.8100	\$5.0800	\$5.7700	\$5.2850	\$5.3650	\$5.5850	\$5.0600	\$5.3100	\$5.4300	\$5.0517	\$5.2517	\$5.5950
10/27/21	\$4.8100	\$5.0800	\$5.7700	\$5.3200	\$5.4150	\$5.4950	\$5.0600	\$5.3100	\$5.4300	\$5.0633	\$5.2683	\$5.5650
10/28/21	\$4.8100	\$5.0800	\$5.7700	\$5.3450	\$5.4800	\$5.7550	\$5.0600	\$5.3100	\$5.4300	\$5.0717	\$5.2900	\$5.6517
10/29/21	\$4.8100	\$5.0800	\$5.7700	\$4.9550	\$5.1450	\$5.4150	\$5.0600	\$5.3100	\$5.4300	\$4.9417	\$5.1783	\$5.5383
10/30/21	\$4.8100	\$5.0800	\$5.7700	\$4.9550	\$5.1450	\$5.4150	\$5.0600	\$5.3100	\$5.4300	\$4.9417	\$5.1783	\$5.5383
10/31/21	\$4.8100	\$5.0800	\$5.7700	\$4.9550	\$5.1450	\$5.4150	\$5.0600	\$5.3100	\$5.4300	\$4.9417	\$5.1783	\$5.5383
Avg Rate	\$4.8100	\$5.0800	\$5.7700	\$4.6850	\$4.8156	\$5.4206	\$4.7013	\$4.7526	\$5.4071	\$4.7321	\$4.8827	\$5.5326

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	796,123	\$3,733,654.80	\$3,767,331.08	\$33,676.28
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	74,400	\$411,774.00	\$411,624.00	(\$150.00)
					\$33,526.28

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Oct-21

DATA * <u>STATUS</u>	SALES <u>TYPE **</u>	SALES <u>CATEGORY</u>	SALES ID	RECEIPT	DELIVERY	DELIVERY <u>POINT</u>	INVOICED SALES AMOUNTS			MARGIN
				FLOW	FLOW		STATE	Sales Amounts		
				<u>DATE</u>	<u>DATE</u>		<u>OF</u>	<u>VOLUMES</u>	<u>SALES</u>	
						<u>SALE</u>	<u>INVOICED</u>	<u>RATE</u>		
							Dth	\$/Dth		
I	S	OPP	S0258642	10/1/21	10/1/21	TCO P1042737	WV	14,500	\$4.8900	\$1,268.75
I	S	OPP	S0258684	10/1/21	10/1/21	TCO P1042737	WV	10,200	\$4.5700	\$178.50
I	S	OPP	S0258689	10/1/21	10/1/21	TCO 836799	WV	15,000	\$4.7900	\$1,281.94
I	S	OPP	S0258690	10/1/21	10/1/21	TCO 836799	WV	5,000	\$4.8400	\$967.99
I	S	OPP	S0258691	10/1/21	10/1/21	TCO P1042737	WV	5,100	\$4.6000	\$229.50
I	S	OPP	S0258698	10/1/21	10/1/21	TCO P1042737	WV	6,300	\$5.2500	\$189.00
I	S	OPP	S0258719	10/1/21	10/1/21	TCO P1042737	WV	7,500	\$4.9550	\$18.75
I	S	OPP	S0258724	10/1/21	10/1/21	TCO P1042737	WV	7,500	\$4.9700	\$825.00
I	S	OPP	S0258537	10/1/21	10/1/21	TCO P1042737	WV	31,000	\$4.8000	(\$77.50)
I	S	OPP	S0258565	10/1/21	10/1/21	TCO P1042737	WV	20,000	\$5.1550	\$50.00
I	S	OPP	S0258567	10/1/21	10/1/21	TCO P1042737	WV	10,000	\$5.1550	\$3,525.00
I	S	OPP	S0258569	10/1/21	10/1/21	TCO P1042737	WV	13,750	\$5.0800	\$3,815.63
I	S	OPP	S0258579	10/1/21	10/1/21	TCO P1042737	WV	6,700	\$5.0900	\$16.75
I	S	OPP	S0258580	10/1/21	10/1/21	TCO P1042737	WV	23,300	\$5.0900	\$2,908.31
I	S	OPP	S0258588	10/1/21	10/1/21	TCO P1042737	WV	15,000	\$4.7625	\$75.00
I	S	OPP	S0258589	10/1/21	10/1/21	TCO P1042737	WV	5,000	\$4.7625	\$25.00
I	S	OPP	S0258601	10/1/21	10/1/21	TCO P1042737	WV	5,000	\$4.9900	\$937.50
I	S	OPP	S0258602	10/1/21	10/1/21	TCO P1042737	WV	20,500	\$5.0500	\$5,073.75
I	S	OPP	S0258618	10/1/21	10/1/21	TCO P1042737	WV	500	\$4.7500	\$98.75
								221,850		\$21,407.62

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Oct-21

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	STATE OF	SALES RATE	TOTAL SALE	TRANSPORT COST	EXCISE TAX	TOTAL SALE	MARGIN	
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED								DELIVERY POINT
E	E	OPP	S0258400	10/1/21	9/1/21	10/1/21	2	2	WV	15,500	\$0.4200	\$6,510.00	\$0.00	\$0.00	\$3,255.00	\$3,255.00
E	E	OPP	S0258404	10/1/21	9/1/21	10/1/21	2	2	WV	15,500	\$0.4500	\$6,975.00	\$0.00	\$0.00	\$3,487.50	\$3,487.50
E	E	OPP	S0258411	10/1/21	9/1/21	10/1/21	2	2	WV	60,000	\$0.4200	\$25,200.00	\$0.00	\$0.00	\$12,600.00	\$12,600.00
E	E	OPP	S0258304		8/1/21	11/1/21	4	3	WV	120,000	\$0.1600	\$19,200.00	\$0.00	\$0.00	\$4,800.00	\$4,800.00
E	E	OPP	S0258705		10/1/21	11/1/21	2	1	WV	10200	\$0.1500	\$1,530.00	\$0.00	\$0.00	\$765.00	\$765.00
E	E	OPP	S0258720	10/1/21		11/1/21	2	1	WV	10,200	\$0.1750	\$1,785.00	\$0.00	\$0.00	\$892.50	\$892.50
E	E	OPP	S0258307		8/1/21	11/1/21	4	3	WV	30,000	\$0.2100	\$6,300.00	\$0.00	\$0.00	\$1,575.00	\$1,575.00
E	E	OPP	S0258317		8/1/21	11/1/21	4	3	WV	30,000	\$0.2100	\$6,300.00	\$0.00	\$0.00	\$1,575.00	\$1,575.00
E	E	OPP	S0258370		8/1/21	11/1/21	4	3	WV	15,000	\$0.2750	\$4,125.00	\$0.00	\$0.00	\$1,031.25	\$1,031.25
E	E	OPP	S0258553		10/1/21	4/1/22	7	1	WV	15,000	\$1.0000	\$15,000.00	\$0.00	\$0.00	\$2,142.86	\$2,142.86
E	E	OPP	S0258615		10/1/21	5/1/22	8	1	WV	15,500	\$1.2500	\$19,375.00	\$0.00	\$0.00	\$2,421.88	\$2,421.88
E	E	OPP	S0258619		10/1/21	5/1/22	8	1	WV	20,925	\$1.2500	\$26,156.25	\$0.00	\$0.00	\$3,269.53	\$3,269.53
E	E	OPP	S0258634		10/1/21	5/1/22	8	1	WV	20,925	\$1.2900	\$26,993.25	\$0.00	\$0.00	\$3,374.16	\$3,374.16
E	E	OPP	S0258606		10/1/21	5/1/22	8	1	WV	46,500	\$1.0500	\$48,825.00	\$0.00	\$0.00	\$6,103.13	\$6,103.13
										425,250		\$214,274.50			\$47,292.81	\$47,292.81

NOVEMBER 2021

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Nov-21

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	TCO	80160	SST	209,880	\$6.6372	Demand Vol @ Max Rate	
			0				Demand Vol @ Max Rate	\$1,393,015.54
			0				Benchmark Cost	\$1,393,015.54
						<u>Disc Rate</u>		
CKY COST	(TATC)	TCO	80160	SST	209,880	\$4.1850	Demand Vol @ Disc Rate	
							Demand Vol @ Disc Rate	\$878,347.80
							CKY Negotiated Cost	\$878,347.80
TCI Negotiated Contract Revenue								\$514,667.74
Marketed Cap Release		TCO	SST		360	\$0.3000		\$108.00
Marketed Cap Release		TCO	SST		500	\$1.5600		\$780.00
Marketed Cap Release		TCO	SST		10,000	\$1.6500		\$16,500.00
Marketed Cap Release		TCO	SST		30,000	\$1.5000		\$45,000.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
TCI Marketed Capacity Release Revenue								\$62,388.00
Total TCI								\$577,055.74

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Nov-21	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$12.728	\$5.939	114.31%	\$8.9690

PSC Order Effective 7/24/20 with an expiration date of 3/31/21

- TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Calculated Benchmark Rate)
- TATC - Total Actual Transportation Cost (from Transportation Closing Report)
- TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Nov-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
							(Rayne)					
11/1/21	\$5.5600	\$5.7300	\$6.1600	\$4.5000	\$4.7700	\$5.2600	\$5.0600	\$5.3100	\$5.4300	\$5.0400	\$5.2700	\$5.6167
11/2/21	\$5.5600	\$5.7300	\$6.1600	\$4.7050	\$4.8250	\$5.0750	\$4.9400	\$5.1100	\$5.3300	\$5.0683	\$5.2217	\$5.5217
11/3/21	\$5.5600	\$5.7300	\$6.1600	\$5.0050	\$5.1050	\$5.3700	\$4.9400	\$5.1100	\$5.3300	\$5.1683	\$5.3150	\$5.6200
11/4/21	\$5.5600	\$5.7300	\$6.1600	\$5.1750	\$5.3250	\$5.6300	\$4.9400	\$5.1100	\$5.3300	\$5.2250	\$5.3883	\$5.7067
11/5/21	\$5.5600	\$5.7300	\$6.1600	\$5.1600	\$5.3550	\$5.6850	\$4.9400	\$5.1100	\$5.3300	\$5.2200	\$5.3983	\$5.7250
11/6/21	\$5.5600	\$5.7300	\$6.1600	\$4.8050	\$4.9800	\$5.3350	\$4.9400	\$5.1100	\$5.3300	\$5.1017	\$5.2733	\$5.6083
11/7/21	\$5.5600	\$5.7300	\$6.1600	\$4.8050	\$4.9800	\$5.3350	\$4.9400	\$5.1100	\$5.3300	\$5.1017	\$5.2733	\$5.6083
11/8/21	\$5.5600	\$5.7300	\$6.1600	\$4.8050	\$4.9800	\$5.3350	\$4.9400	\$5.1100	\$5.3300	\$5.1017	\$5.2733	\$5.6083
11/9/21	\$5.5600	\$5.7300	\$6.1600	\$4.6550	\$4.9550	\$5.3450	\$4.2200	\$4.5300	\$4.9800	\$4.8117	\$5.0717	\$5.4950
11/10/21	\$5.5600	\$5.7300	\$6.1600	\$4.2750	\$4.5200	\$5.0100	\$4.2200	\$4.5300	\$4.9800	\$4.6850	\$4.9267	\$5.3833
11/11/21	\$5.5600	\$5.7300	\$6.1600	\$3.8000	\$4.2600	\$4.5600	\$4.2200	\$4.5300	\$4.9800	\$4.5267	\$4.8400	\$5.2333
11/12/21	\$5.5600	\$5.7300	\$6.1600	\$4.0850	\$4.4350	\$4.7300	\$4.2200	\$4.5300	\$4.9800	\$4.6217	\$4.8983	\$5.2900
11/13/21	\$5.5600	\$5.7300	\$6.1600	\$4.4550	\$4.6000	\$4.8700	\$4.2200	\$4.5300	\$4.9800	\$4.7450	\$4.9533	\$5.3367
11/14/21	\$5.5600	\$5.7300	\$6.1600	\$4.4550	\$4.6000	\$4.8700	\$4.2200	\$4.5300	\$4.9800	\$4.7450	\$4.9533	\$5.3367
11/15/21	\$5.5600	\$5.7300	\$6.1600	\$4.4550	\$4.6000	\$4.8700	\$4.2200	\$4.5300	\$4.9800	\$4.7450	\$4.9533	\$5.3367
11/16/21	\$5.5600	\$5.7300	\$6.1600	\$4.3650	\$4.4150	\$4.6000	\$4.5700	\$4.6200	\$4.8200	\$4.8317	\$4.9217	\$5.1933
11/17/21	\$5.5600	\$5.7300	\$6.1600	\$4.6250	\$4.7900	\$4.9900	\$4.5700	\$4.6200	\$4.8200	\$4.9183	\$5.0467	\$5.3233
11/18/21	\$5.5600	\$5.7300	\$6.1600	\$4.4400	\$4.5250	\$4.7450	\$4.5700	\$4.6200	\$4.8200	\$4.8567	\$4.9583	\$5.2417
11/19/21	\$5.5600	\$5.7300	\$6.1600	\$4.6500	\$4.7600	\$4.9500	\$4.5700	\$4.6200	\$4.8200	\$4.9267	\$5.0367	\$5.3100
11/20/21	\$5.5600	\$5.7300	\$6.1600	\$4.5700	\$4.6700	\$4.8700	\$4.5700	\$4.6200	\$4.8200	\$4.9000	\$5.0067	\$5.2833
11/21/21	\$5.5600	\$5.7300	\$6.1600	\$4.5700	\$4.6700	\$4.8700	\$4.5700	\$4.6200	\$4.8200	\$4.9000	\$5.0067	\$5.2833
11/22/21	\$5.5600	\$5.7300	\$6.1600	\$4.5700	\$4.6700	\$4.8700	\$4.5700	\$4.6200	\$4.8200	\$4.9000	\$5.0067	\$5.2833
11/23/21	\$5.5600	\$5.7300	\$6.1600	\$4.4750	\$4.5250	\$4.7050	\$4.5600	\$4.5900	\$4.8900	\$4.8650	\$4.9483	\$5.2517
11/24/21	\$5.5600	\$5.7300	\$6.1600	\$4.5600	\$4.6250	\$4.8750	\$4.5600	\$4.5900	\$4.8900	\$4.8933	\$4.9817	\$5.3083
11/25/21	\$5.5600	\$5.7300	\$6.1600	\$4.6550	\$4.7150	\$4.9450	\$4.5600	\$4.5900	\$4.8900	\$4.9250	\$5.0117	\$5.3317
11/26/21	\$5.5600	\$5.7300	\$6.1600	\$4.6550	\$4.7150	\$4.9450	\$4.5600	\$4.5900	\$4.8900	\$4.9250	\$5.0117	\$5.3317
11/27/21	\$5.5600	\$5.7300	\$6.1600	\$4.6550	\$4.7150	\$4.9450	\$4.5600	\$4.5900	\$4.8900	\$4.9250	\$5.0117	\$5.3317
11/28/21	\$5.5600	\$5.7300	\$6.1600	\$4.6550	\$4.7150	\$4.9450	\$4.5600	\$4.5900	\$4.8900	\$4.9250	\$5.0117	\$5.3317
11/29/21	\$5.5600	\$5.7300	\$6.1600	\$4.6550	\$4.7150	\$4.9450	\$4.5600	\$4.5900	\$4.8900	\$4.9250	\$5.0117	\$5.3317
11/30/21	\$5.5600	\$5.7300	\$6.1600	\$4.5100	\$4.5900	\$4.8400	\$3.9700	\$3.8200	\$4.0200	\$4.6800	\$4.7133	\$5.0067
Avg Rate	\$5.5600	\$5.7300	\$6.1600	\$4.5917	\$4.7368	\$5.0107	\$4.5687	\$4.7027	\$4.9863	\$4.9068	\$5.0565	\$5.3857

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	635,988	\$2,967,660.65	\$3,120,651.79	\$152,991.14
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	76,336	\$411,600.86	\$411,120.25	(\$480.61)

\$152,510.53

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Nov-21

DATA * <u>STATUS</u>	SALES <u>TYPE **</u>	SALES <u>CATEGORY</u>	RECEIPT <u>SALES ID</u>	DELIVERY <u>FLOW DATE</u>	DELIVERY <u>FLOW DATE</u>	DELIVERY <u>POINT</u>	STATE <u>OF SALE</u>	INVOICED SALES AMOUNTS		MARGIN
								Sales Amounts		
								<u>VOLUMES INVOICED</u>	<u>SALES RATE</u>	
			(1)	(2)	(3)		(16)	(17 A) Dth	(18 A) \$/Dth	
I	S	OPP	S0258844	11/1/21	11/1/21	TCO 836799	WV	10,600	\$5.0500	\$1,614.59
I	S	OPP	S0258890	11/1/21	11/1/21	TCO 836799	WV	11,000	\$4.7250	\$2,627.64
I	S	OPP	S0258891	11/1/21	11/1/21	TCO 836799	WV	6,000	\$4.7500	\$1,568.00
I	S	OPP	S0258944	11/1/21	11/1/21	TCO P1042737	WV	14,800	\$4.5600	\$592.00
I	S	OPP	S0258945	11/1/21	11/1/21	TCO 836799	WV	20,500	\$4.8750	\$4,168.80
I	S	OPP	S0258964	11/1/21	11/1/21	TCO 836799	WV	20,000	\$4.9500	\$1,338.93
I	S	OPP	S0258980	11/1/21	11/1/21	TCO 836799	WV	10,000	\$4.9500	\$1,500.22
I	S	OPP	S0259001	11/1/21	11/1/21	TCO P1042737	WV	15,300	\$5.1000	\$3,329.89
I	S	OPP	S0259002	11/1/21	11/1/21	TCO P1042737	WV	18,300	\$5.2000	\$7,610.97
I	S	OPP	S0259006	11/1/21	11/1/21	TCO P1042737	WV	700	\$4.5150	\$1.75
I	S	OPP	S0259009	11/1/21	11/1/21	TCO P1042737	WV	9,300	\$4.5150	\$23.25
I	S	OPP	S0258744	11/1/21	11/1/21	TCO P1042737	WV	1,600	\$4.7400	\$160.00
I	S	OPP	S0258753	11/1/21	11/1/21	TCO P1042737	WV	4,000	\$5.0100	\$240.00
I	S	OPP	S0258782	11/1/21	11/1/21	TCO P1042737	WV	5,000	\$5.1000	\$350.00
I	S	OPP	S0258784	11/1/21	11/1/21	TCO P1042737	WV	5,300	\$5.0800	\$265.00
I	S	OPP	S0258785	11/1/21	11/1/21	TCO P1042737	WV	5,000	\$5.1100	\$400.00
I	S	OPP	S0258786	11/1/21	11/1/21	TCO P1042737	WV	10,000	\$5.0800	\$500.00
I	S	OPP	S0258787	11/1/21	11/1/21	TCO P1042737	WV	5,100	\$5.0900	\$306.00
I	S	OPP	S0258788	11/1/21	11/1/21	TCO P1042737	WV	5,000	\$5.0900	\$300.00
I	S	OPP	S0258789	11/1/21	11/1/21	TCO P1042737	WV	5,000	\$5.0900	\$300.00
I	S	OPP	S0258790	11/1/21	11/1/21	TCO P1042737	WV	5,000	\$5.0900	\$300.00
I	S	OPP	S0258791	11/1/21	11/1/21	TCO P1042737	WV	10,000	\$5.0900	\$584.00
I	S	OPP	S0258792	11/1/21	11/1/21	TCO P1042737	WV	10,000	\$5.1200	\$900.00
								207,500		\$28,981.04

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Nov-21

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	STATE OF SALE	VOLUMES Dth	SALES	TOTAL	TRANSPORT COST	EXCISE TAX	TOTAL	MARGIN
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED			DELIVERY POINT	RATE \$/Dth			SALE \$	
E	E	OPP	S0258764	11/1/21	11/1/21	11/1/21	1	1	TCO P1042737 WV	65000	\$0.1300	\$8,450.00	\$0.00	\$0.00	\$8,450.00	\$8,450.00
E	E	OPP	S0258307	11/1/21	8/1/21	11/1/21	4	4	TCO P1042737 WV	30,000	\$0.2100	\$6,300.00	\$0.00	\$0.00	\$1,575.00	\$1,575.00
E	E	OPP	S0258317	11/1/21	8/1/21	11/1/21	4	4	TCO P1042737 WV	30,000	\$0.2100	\$6,300.00	\$0.00	\$0.00	\$1,575.00	\$1,575.00
E	E	OPP	S0258370	11/1/21	8/1/21	11/1/21	4	4	TCO P1042737 WV	15,000	\$0.2750	\$4,125.00	\$0.00	\$0.00	\$1,031.25	\$1,031.25
E	E	OPP	S0258705	11/1/21	10/1/21	11/1/21	2	2	TCO P1042737 WV	10,200	\$0.1500	\$1,530.00	\$0.00	\$0.00	\$765.00	\$765.00
E	E	OPP	S0258720	10/1/21	11/1/21	11/1/21	2	2	TCO P1042737 WV	10,200	\$0.1750	\$1,785.00	\$0.00	\$0.00	\$892.50	\$892.50
E	E	OPP	S0258304	11/1/21	8/1/21	11/1/21	4	4	TCO P1042737 WV	120,000	\$0.1600	\$19,200.00	\$0.00	\$0.00	\$4,800.00	\$4,800.00
E	E	OPP	S0258979		11/1/21	12/1/21	2	1	TCO P1042737 WV	77,500	\$0.2275	\$17,631.25	\$0.00	\$0.00	\$8,815.63	\$8,815.63
E	E	OPP	S0258553		10/1/21	4/1/22	7	2	TCO P1042737 WV	15,000	\$1.0000	\$15,000.00	\$0.00	\$0.00	\$2,142.86	\$2,142.86
E	E	OPP	S0258606		10/1/21	5/1/22	8	2	TCO P1042737 WV	46,500	\$1.0500	\$48,825.00	\$0.00	\$0.00	\$6,103.13	\$6,103.13
E	E	OPP	S0258615		10/1/21	5/1/22	8	2	TCO P1042737 WV	15,500	\$1.2500	\$19,375.00	\$0.00	\$0.00	\$2,421.88	\$2,421.88
E	E	OPP	S0258619		10/1/21	5/1/22	8	2	TCO P1042737 WV	20,925	\$1.2500	\$26,156.25	\$0.00	\$0.00	\$3,269.53	\$3,269.53
E	E	OPP	S0258634		10/1/21	5/1/22	8	2	TCO P1042737 WV	20,925	\$1.2900	\$26,993.25	\$0.00	\$0.00	\$3,374.16	\$3,374.16
										476,750		\$201,670.75	\$0.00		\$45,215.94	\$45,215.94

DECEMBER 2021

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Dec-21

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Actual</u>
BENCHMARK	(TBTC)	TCO	80160	SST	209,880	\$6.6753	Demand Vol @ Max Rate	
			0				Demand Vol @ Max Rate	\$1,401,011.96
			0				Benchmark Cost	\$1,401,011.96
						<u>Disc Rate</u>		
CKY COST	(TATC)	TCO	80160	SST	209,880	\$4.1850	Demand Vol @ Disc Rate	
							Demand Vol @ Disc Rate	\$878,347.80
							CKY Negotiated Cost	\$878,347.80
TCI Negotiated Contract Revenue								\$522,664.16
Marketed Cap Release		TCO	SST		20,000	\$3.1000		\$62,000.00
Marketed Cap Release		TCO	SST		5,000	\$3.1000		\$15,500.00
Marketed Cap Release		TCO	SST		500	\$3.1000		\$1,550.00
Marketed Cap Release		TCO	SST		6,000	\$3.2550		\$19,530.00
Marketed Cap Release		TCO	SST		6,000	\$3.2550		\$19,530.00
Marketed Cap Release		TCO	SST		15,400	\$4.6500		\$71,610.00
TCI Marketed Capacity Release Revenue								\$189,720.00
Total TCI								\$712,384.16

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Dec-21	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$9.473	\$5.939	59.50%	\$6.6753

PSC Order Effective 7/24/20 with an expiration date of 3/31/21

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Calculated Benchmark Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Dec-21

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	Natural Gas Week (NGW)			TCO P10	CGT Main	TGP 500
							TCO P10	CGT Main	TGP 500			
							(Rayne)					
12/1/21	\$4.9500	\$5.1600	\$5.3700	\$4.0150	\$4.2150	\$4.4900	\$3.9700	\$3.8200	\$4.0200	\$4.3117	\$4.3983	\$4.6267
12/2/21	\$4.9500	\$5.1600	\$5.3700	\$3.7500	\$3.8850	\$4.2050	\$3.9700	\$3.8200	\$4.0200	\$4.2233	\$4.2883	\$4.5317
12/3/21	\$4.9500	\$5.1600	\$5.3700	\$3.6500	\$3.7800	\$3.9750	\$3.9700	\$3.8200	\$4.0200	\$4.1900	\$4.2533	\$4.4550
12/4/21	\$4.9500	\$5.1600	\$5.3700	\$3.4600	\$3.5450	\$3.7950	\$3.9700	\$3.8200	\$4.0200	\$4.1267	\$4.1750	\$4.3950
12/5/21	\$4.9500	\$5.1600	\$5.3700	\$3.4600	\$3.5450	\$3.7950	\$3.9700	\$3.8200	\$4.0200	\$4.1267	\$4.1750	\$4.3950
12/6/21	\$4.9500	\$5.1600	\$5.3700	\$3.4600	\$3.5450	\$3.7950	\$3.9700	\$3.8200	\$4.0200	\$4.1267	\$4.1750	\$4.3950
12/7/21	\$4.9500	\$5.1600	\$5.3700	\$3.1650	\$3.2850	\$3.5700	\$3.0900	\$3.4600	\$3.6300	\$3.7350	\$3.9683	\$4.1900
12/8/21	\$4.9500	\$5.1600	\$5.3700	\$3.2450	\$3.4150	\$3.6550	\$3.0900	\$3.4600	\$3.6300	\$3.7617	\$4.0117	\$4.2183
12/9/21	\$4.9500	\$5.1600	\$5.3700	\$3.2500	\$3.4350	\$3.7400	\$3.0900	\$3.4600	\$3.6300	\$3.7633	\$4.0183	\$4.2467
12/10/21	\$4.9500	\$5.1600	\$5.3700	\$2.9600	\$3.3450	\$3.6000	\$3.0900	\$3.4600	\$3.6300	\$3.6667	\$3.9883	\$4.2000
12/11/21	\$4.9500	\$5.1600	\$5.3700	\$3.0050	\$3.5050	\$3.6950	\$3.0900	\$3.4600	\$3.6300	\$3.6817	\$4.0417	\$4.2317
12/12/21	\$4.9500	\$5.1600	\$5.3700	\$3.0050	\$3.5050	\$3.6950	\$3.0900	\$3.4600	\$3.6300	\$3.6817	\$4.0417	\$4.2317
12/13/21	\$4.9500	\$5.1600	\$5.3700	\$3.0050	\$3.5050	\$3.6950	\$3.0900	\$3.4600	\$3.6300	\$3.6817	\$4.0417	\$4.2317
12/14/21	\$4.9500	\$5.1600	\$5.3700	\$3.2450	\$3.7350	\$3.9450	\$2.9600	\$3.5400	\$3.7000	\$3.7183	\$4.1450	\$4.3383
12/15/21	\$4.9500	\$5.1600	\$5.3700	\$2.8800	\$3.4350	\$3.6350	\$2.9600	\$3.5400	\$3.7000	\$3.5967	\$4.0450	\$4.2350
12/16/21	\$4.9500	\$5.1600	\$5.3700	\$2.9500	\$3.4700	\$3.7150	\$2.9600	\$3.5400	\$3.7000	\$3.6200	\$4.0567	\$4.2617
12/17/21	\$4.9500	\$5.1600	\$5.3700	\$2.9700	\$3.5150	\$3.6500	\$2.9600	\$3.5400	\$3.7000	\$3.6267	\$4.0717	\$4.2400
12/18/21	\$4.9500	\$5.1600	\$5.3700	\$2.9850	\$3.5250	\$3.6300	\$2.9600	\$3.5400	\$3.7000	\$3.6317	\$4.0750	\$4.2333
12/19/21	\$4.9500	\$5.1600	\$5.3700	\$2.9850	\$3.5250	\$3.6300	\$2.9600	\$3.5400	\$3.7000	\$3.6317	\$4.0750	\$4.2333
12/20/21	\$4.9500	\$5.1600	\$5.3700	\$2.9850	\$3.5250	\$3.6300	\$2.9600	\$3.5400	\$3.7000	\$3.6317	\$4.0750	\$4.2333
12/21/21	\$4.9500	\$5.1600	\$5.3700	\$3.1350	\$3.7050	\$3.8550	\$2.8500	\$3.4900	\$3.3500	\$3.6450	\$4.1183	\$4.1917
12/22/21	\$4.9500	\$5.1600	\$5.3700	\$3.1700	\$3.7550	\$3.8850	\$2.8500	\$3.4900	\$3.3500	\$3.6567	\$4.1350	\$4.2017
12/23/21	\$4.9500	\$5.1600	\$5.3700	\$3.1500	\$3.7000	\$3.8950	\$2.8500	\$3.4900	\$3.3500	\$3.6500	\$4.1167	\$4.2050
12/24/21	\$4.9500	\$5.1600	\$5.3700	\$2.5500	\$3.2350	\$3.2900	\$2.8500	\$3.4900	\$3.3500	\$3.4500	\$3.9617	\$4.0033
12/25/21	\$4.9500	\$5.1600	\$5.3700	\$2.5500	\$3.2350	\$3.2900	\$2.8500	\$3.4900	\$3.3500	\$3.4500	\$3.9617	\$4.0033
12/26/21	\$4.9500	\$5.1600	\$5.3700	\$2.5500	\$3.2350	\$3.2900	\$2.8500	\$3.4900	\$3.3500	\$3.4500	\$3.9617	\$4.0033
12/27/21	\$4.9500	\$5.1600	\$5.3700	\$2.5500	\$3.2350	\$3.2900	\$2.8500	\$3.4900	\$3.3500	\$3.4500	\$3.9617	\$4.0033
12/28/21	\$4.9500	\$5.1600	\$5.3700	\$2.7200	\$2.9550	\$3.1450	\$2.6500	\$3.1300	\$3.4600	\$3.4400	\$3.7483	\$3.9917
12/29/21	\$4.9500	\$5.1600	\$5.3700	\$2.6350	\$3.1600	\$3.2900	\$2.6500	\$3.1300	\$3.4600	\$3.4117	\$3.8167	\$4.0400
12/30/21	\$4.9500	\$5.1600	\$5.3700	\$2.5850	\$3.2050	\$3.3000	\$2.6500	\$3.1300	\$3.4600	\$3.3950	\$3.8317	\$4.0433
12/31/21	\$4.9500	\$5.1600	\$5.3700	\$2.5850	\$3.2050	\$3.3000	\$2.6500	\$3.1300	\$3.4600	\$3.3950	\$3.8317	\$4.0433
Avg Rate	\$4.9500	\$5.1600	\$5.3700	\$3.0519	\$3.4795	\$3.6571	\$3.1200	\$3.5119	\$3.6361	\$3.7073	\$4.0505	\$4.2211

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	237,637	\$877,178.64	\$880,994.46	\$3,815.82
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	79,050	\$334,228.50	\$333,676.00	(\$552.50)
					\$3,263.32

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Dec-21

DATA * <u>STATUS</u>	SALES <u>TYPE **</u>	SALES <u>CATEGORY</u>	RECEIPT FLOW <u>SALES ID</u> (1)	DELIVERY FLOW <u>DATE</u> (2)	DELIVERY FLOW <u>DATE</u> (3)	DELIVERY <u>POINT</u>	INVOICED SALES AMOUNTS			MARGIN
							Sales Amounts			
							STATE OF <u>SALE</u> (16)	VOLUMES <u>INVOICED</u> (17 A) Dth	SALES <u>RATE</u> (18 A) \$/Dth	
I	S	OPP	S0259097	12/1/21	12/1/21	TCO 836799	WV	10,000	\$3.6000	\$3,143.12
I	S	OPP	S0259134	12/1/21	12/1/21	TCO P1042737	WV	5,000	\$3.2150	\$275.00
I	S	OPP	S0259277	12/1/21	12/1/21	TCO P1042737	WV	2,000	\$2.7000	\$110.00
								17,000		\$3,528.12

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Dec-21

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	STATE OF SALE	VOLUMES Dth	SALES	TOTAL	TRANSPORT COST	EXCISE TAX	TOTAL SALE	MARGIN
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED			DELIVERY POINT	RATE \$/Dth				
E	E	OPP	S0258979	12/1/21	11/1/21	12/1/21	2	2	WV	77,500	\$0.2275	\$17,631.25	\$0.00	\$0.00	\$8,815.63	\$8,815.63
E	E	OPP	S0258887	12/1/21	11/1/21	12/1/21	2	2	WV	20,925	\$1.2900	\$26,993.25	\$0.00	\$0.00	\$13,496.63	\$13,496.63
E	E	OPP	S0258553	10/1/21	10/1/21	4/1/22	7	3	WV	15,000	\$1.0000	\$15,000.00	\$0.00	\$0.00	\$2,142.86	\$2,142.86
E	E	OPP	S0258606	10/1/21	10/1/21	5/1/22	8	3	WV	46,500	\$1.0500	\$48,825.00	\$0.00	\$0.00	\$6,103.13	\$6,103.13
E	E	OPP	S0258615	10/1/21	10/1/21	5/1/22	8	3	WV	15,500	\$1.2500	\$19,375.00	\$0.00	\$0.00	\$2,421.88	\$2,421.88
E	E	OPP	S0258619	10/1/21	10/1/21	5/1/22	8	3	WV	20,925	\$1.2500	\$26,156.25	\$0.00	\$0.00	\$3,269.53	\$3,269.53
E	E	OPP	S0258634	10/1/21	10/1/21	5/1/22	8	3	WV	20,925	\$1.2900	\$26,993.25	\$0.00	\$0.00	\$3,374.16	\$3,374.16
E	E	OPP	S0259043	12/1/21	12/1/21	5/1/22	6	1	WV	77,499	\$0.2400	\$18,599.76	\$0.00	\$0.00	\$3,099.96	\$3,099.96
E	E	OPP	S0259060	12/1/21	12/1/21	5/1/22	6	1	WV	34,100	\$0.2250	\$7,672.50	\$0.00	\$0.00	\$1,278.75	\$1,278.75
E	E	OPP	S0259070	12/1/21	12/1/21	5/1/22	6	1	WV	43,400	\$0.2150	\$9,331.00	\$0.00	\$0.00	\$1,555.17	\$1,555.17
E	E	OPP	S0259168	12/1/21	12/1/21	6/1/22	7	1	WV	75,000	\$0.1000	\$7,500.00	\$0.00	\$0.00	\$1,071.43	\$1,071.43
E	E	OPP	S0259182	12/1/21	12/1/21	6/1/22	7	1	WV	37,500	\$0.1300	\$4,875.00	\$0.00	\$0.00	\$696.43	\$696.43
E	E	OPP	S0259209	12/1/21	12/1/21	7/1/22	8	1	WV	31,000	\$0.1300	\$4,030.00	\$0.00	\$0.00	\$503.75	\$503.75
E	E	OPP	S0259197	12/1/21	12/1/21	9/1/22	10	1	WV	110,000	\$0.2100	\$23,100.00	\$0.00	\$0.00	\$2,310.00	\$2,310.00
										625,774		\$256,082.26			\$50,139.31	\$50,139.31

JANUARY 2022

CKY GCI CALCULATION

Flow Period: Jan-22

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
1/1/22	\$3.3000	\$3.7900	\$3.9700	\$2.7450	\$3.2150	\$3.5700	\$2.6500	\$3.1300	\$3.4600	\$2.8983	\$3.3783	\$3.6667
1/2/22	\$3.3000	\$3.7900	\$3.9700	\$2.7450	\$3.2150	\$3.5700	\$2.6500	\$3.1300	\$3.4600	\$2.8983	\$3.3783	\$3.6667
1/3/22	\$3.3000	\$3.7900	\$3.9700	\$2.7450	\$3.2150	\$3.5700	\$2.6500	\$3.1300	\$3.4600	\$2.8983	\$3.3783	\$3.6667
1/4/22	\$3.3000	\$3.7900	\$3.9700	\$3.0300	\$3.3650	\$3.5350	\$3.4200	\$3.5300	\$3.7600	\$3.2500	\$3.5617	\$3.7550
1/5/22	\$3.3000	\$3.7900	\$3.9700	\$3.2650	\$3.5200	\$3.7150	\$3.4200	\$3.5300	\$3.7600	\$3.3283	\$3.6133	\$3.8150
1/6/22	\$3.3000	\$3.7900	\$3.9700	\$3.4400	\$3.6400	\$3.8050	\$3.4200	\$3.5300	\$3.7600	\$3.3867	\$3.6533	\$3.8450
1/7/22	\$3.3000	\$3.7900	\$3.9700	\$3.5400	\$3.6550	\$3.8650	\$3.4200	\$3.5300	\$3.7600	\$3.4200	\$3.6583	\$3.8650
1/8/22	\$3.3000	\$3.7900	\$3.9700	\$3.5400	\$3.6550	\$3.8150	\$3.4200	\$3.5300	\$3.7600	\$3.4200	\$3.6583	\$3.8483
1/9/22	\$3.3000	\$3.7900	\$3.9700	\$3.5400	\$3.6550	\$3.8150	\$3.4200	\$3.5300	\$3.7600	\$3.4200	\$3.6583	\$3.8483
1/10/22	\$3.3000	\$3.7900	\$3.9700	\$3.5400	\$3.6550	\$3.8150	\$3.4200	\$3.5300	\$3.7600	\$3.4200	\$3.6583	\$3.8483
1/11/22	\$3.3000	\$3.7900	\$3.9700	\$3.7850	\$3.8750	\$4.0850	\$4.0600	\$4.1900	\$4.2300	\$3.7150	\$3.9517	\$4.0950
1/12/22	\$3.3000	\$3.7900	\$3.9700	\$3.7000	\$3.7950	\$4.0250	\$4.0600	\$4.1900	\$4.2300	\$3.6867	\$3.9250	\$4.0750
1/13/22	\$3.3000	\$3.7900	\$3.9700	\$4.3300	\$4.4000	\$4.6200	\$4.0600	\$4.1900	\$4.2300	\$3.8967	\$4.1267	\$4.2733
1/14/22	\$3.3000	\$3.7900	\$3.9700	\$4.2450	\$4.4600	\$4.6500	\$4.0600	\$4.1900	\$4.2300	\$3.8683	\$4.1467	\$4.2833
1/15/22	\$3.3000	\$3.7900	\$3.9700	\$4.0600	\$4.1450	\$4.2600	\$4.0600	\$4.1900	\$4.2300	\$3.8067	\$4.0417	\$4.1533
1/16/22	\$3.3000	\$3.7900	\$3.9700	\$4.0600	\$4.1450	\$4.2600	\$4.0600	\$4.1900	\$4.2300	\$3.8067	\$4.0417	\$4.1533
1/17/22	\$3.3000	\$3.7900	\$3.9700	\$4.0600	\$4.1450	\$4.2600	\$4.0600	\$4.1900	\$4.2300	\$3.8067	\$4.0417	\$4.1533
1/18/22	\$3.3000	\$3.7900	\$3.9700	\$4.0600	\$4.1450	\$4.2600	\$4.0600	\$4.1900	\$4.2300	\$3.8067	\$4.0417	\$4.1533
1/19/22	\$3.3000	\$3.7900	\$3.9700	\$4.2000	\$4.3000	\$4.4050	\$3.9800	\$4.0500	\$4.1400	\$3.8267	\$4.0467	\$4.1717
1/20/22	\$3.3000	\$3.7900	\$3.9700	\$4.3250	\$4.4400	\$4.6800	\$3.9800	\$4.0500	\$4.1400	\$3.8683	\$4.0933	\$4.2633
1/21/22	\$3.3000	\$3.7900	\$3.9700	\$3.9000	\$4.0050	\$4.0900	\$3.9800	\$4.0500	\$4.1400	\$3.7267	\$3.9483	\$4.0667
1/22/22	\$3.3000	\$3.7900	\$3.9700	\$3.7300	\$3.8200	\$3.9650	\$3.9800	\$4.0500	\$4.1400	\$3.6700	\$3.8867	\$4.0250
1/23/22	\$3.3000	\$3.7900	\$3.9700	\$3.7300	\$3.8200	\$3.9650	\$3.9800	\$4.0500	\$4.1400	\$3.6700	\$3.8867	\$4.0250
1/24/22	\$3.3000	\$3.7900	\$3.9700	\$3.7300	\$3.8200	\$3.9650	\$3.9800	\$4.0500	\$4.1400	\$3.6700	\$3.8867	\$4.0250
1/25/22	\$3.3000	\$3.7900	\$3.9700	\$3.8900	\$3.9750	\$4.1200	\$4.8700	\$4.9400	\$4.7700	\$4.0200	\$4.2350	\$4.2867
1/26/22	\$3.3000	\$3.7900	\$3.9700	\$3.9150	\$4.0000	\$4.1000	\$4.8700	\$4.9400	\$4.7700	\$4.0283	\$4.2433	\$4.2800
1/27/22	\$3.3000	\$3.7900	\$3.9700	\$4.1050	\$4.1600	\$4.3050	\$4.8700	\$4.9400	\$4.7700	\$4.0917	\$4.2967	\$4.3483
1/28/22	\$3.3000	\$3.7900	\$3.9700	\$4.2300	\$4.3200	\$4.4750	\$4.8700	\$4.9400	\$4.7700	\$4.1333	\$4.3500	\$4.4050
1/29/22	\$3.3000	\$3.7900	\$3.9700	\$5.3200	\$5.3200	\$5.5400	\$4.8700	\$4.9400	\$4.7700	\$4.4967	\$4.6833	\$4.7600
1/30/22	\$3.3000	\$3.7900	\$3.9700	\$5.3200	\$5.3200	\$5.5400	\$4.8700	\$4.9400	\$4.7700	\$4.4967	\$4.6833	\$4.7600
1/31/22	\$3.3000	\$3.7900	\$3.9700	\$5.3200	\$5.3200	\$5.5400	\$4.8700	\$4.9400	\$4.7700	\$4.4967	\$4.6833	\$4.7600
Avg Rate	\$3.3000	\$3.7900	\$3.9700	\$3.8756	\$4.0168	\$4.1995	\$3.9465	\$4.0806	\$4.1539	\$3.7074	\$3.9625	\$4.1078

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	100,230	\$320,701.88	\$371,589.25	\$50,887.37
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00

\$50,887.37

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Jan-22

DATA * STATUS	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	CDC	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS			ACTUAL AFTER-TAX MARGIN
									VOLUMES INVOICED	SALES RATE	TOTAL SALE	
									Dth	\$/Dth	\$	
I	S	OPP	S0259448	1/1/22	1/1/22		TCO 836799	WV	24,500	\$4.2000	\$102,900.00	\$8,170.16
I	S	OPP	S0259410	1/1/22	1/1/22		TCO P1042737	WV	30,200	\$4.2000	\$126,840.00	\$4,578.92
I	S	OPP	S0259479	1/1/22	1/1/22		TCO 836799	WV	27,500	\$4.4500	\$122,375.00	\$8,894.03
I	S	OPP	S0259322	1/1/22	1/1/22		TCO P1042737	WV	65,000	\$3.4200	\$222,300.00	\$13,247.00
									82,200		\$352,115.00	\$21,643.11
									65,000		\$222,300.00	\$13,247.00

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Jan-22

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	# OF	# OF	STATE OF SALE	VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	TRANSPORT COST	EXCISE TAX	TOTAL SALE	MARGIN	
				FLOW DATE	FLOW DATE	INVOICE MONTH	MONTHS IN TERM									MONTHS EXPIRED
E	E	OPP	S0259209		12/1/21	7/1/22	8	2 TCO P1042737	WV	31000	\$0.1300	\$4,030.00	\$0.00	\$0.00	\$503.75	\$503.75
E	E	OPP	S0259300		1/1/22	7/1/22	7	1 TCO P1042737	WV	46,500	\$0.1000	\$4,650.00	\$0.00	\$0.00	\$664.29	\$664.29
E	E	OPP	S0259321		1/1/22	7/1/22	7	1 TCO P1042737	WV	37,200	\$0.2000	\$7,440.00	\$0.00	\$0.00	\$1,062.86	\$1,062.86
E	E	OPP	S0259361		1/1/22	7/1/22	7	1 TCO P1042737	WV	67,500	\$0.3500	\$23,625.00	\$0.00	\$0.00	\$3,375.00	\$3,375.00
E	E	OPP	S0259374		1/1/22	8/1/22	8	1 TCO P1042737	WV	21,700	\$0.5700	\$12,369.00	\$0.00	\$0.00	\$1,546.13	\$1,546.13
E	E	OPP	S0258553		10/1/21	4/1/22	7	4 TCO P1042737	WV	15,000	\$1.0000	\$15,000.00	\$0.00	\$0.00	\$2,142.86	\$2,142.86
E	E	OPP	S0258606		10/1/21	5/1/22	8	4 TCO P1042737	WV	46,500	\$1.0500	\$48,825.00	\$0.00	\$0.00	\$6,103.13	\$6,103.13
E	E	OPP	S0258615		10/1/21	5/1/22	8	4 TCO P1042737	WV	15,500	\$1.2500	\$19,375.00	\$0.00	\$0.00	\$2,421.88	\$2,421.88
E	E	OPP	S0258619		10/1/21	5/1/22	8	4 TCO P1042737	WV	20,925	\$1.2500	\$26,156.25	\$0.00	\$0.00	\$3,269.53	\$3,269.53
E	E	OPP	S0258634		10/1/21	5/1/22	8	4 TCO P1042737	WV	20,925	\$1.2900	\$26,993.25	\$0.00	\$0.00	\$3,374.16	\$3,374.16
E	E	OPP	S0259043		12/1/21	5/1/22	6	2 TCO P1042737	WV	77,499	\$0.2400	\$18,599.76	\$0.00	\$0.00	\$3,099.96	\$3,099.96
E	E	OPP	S0259060		12/1/21	5/1/22	6	2 TCO P1042737	WV	34,100	\$0.2250	\$7,672.50	\$0.00	\$0.00	\$1,278.75	\$1,278.75
E	E	OPP	S0259070		12/1/21	5/1/22	6	2 TCO P1042737	WV	43,400	\$0.2150	\$9,331.00	\$0.00	\$0.00	\$1,555.17	\$1,555.17
E	E	OPP	S0259168		12/1/21	6/1/22	7	2 TCO P1042737	WV	75,000	\$0.1000	\$7,500.00	\$0.00	\$0.00	\$1,071.43	\$1,071.43
E	E	OPP	S0259182		12/1/21	6/1/22	7	2 TCO P1042737	WV	37,500	\$0.1300	\$4,875.00	\$0.00	\$0.00	\$696.43	\$696.43
E	E	OPP	S0259197		12/1/21	9/1/22	10	2 TCO P1042737	WV	110,000	\$0.2100	\$23,100.00	\$0.00	\$0.00	\$2,310.00	\$2,310.00
										700,249		\$259,541.76			\$34,475.33	\$34,475.33

FEBRUARY 2022

CKY TCI CALCULATION (Discounted/Negotiated Contracts & Marketed Capacity Release Revenue)

Flow Month: Feb-22

		<u>Pipeline</u>	<u>Contract Number</u>	<u>Rate Sched</u>	<u>P/L MDQ</u>	<u>Max Rate</u>	<u>Calculation</u>	<u>Estimate</u>
BENCHMARK	(TBTC)	TCO	80160	SST	209,880	\$6.6753	Demand Vol @ Max Rate	
			0				Demand Vol @ Max Rate	\$1,401,011.96
			0				Benchmark Cost	\$1,401,011.96
							<u>Disc Rate</u>	
CKY COST	(TATC)	TCO	80160	SST	209,880	\$4.1850	Demand Vol @ Disc Rate	
							Demand Vol @ Disc Rate	\$878,347.80
							CKY Negotiated Cost	\$878,347.80
TCI Negotiated Contract Revenue								\$522,664.16
Marketed Cap Release		TCO	SST		28,474	\$2.8000		\$79,727.20
Marketed Cap Release		TCO	SST		7,500	\$2.9400		\$22,050.00
Marketed Cap Release		TCO	SST		682	\$2.8000		\$1,909.60
Marketed Cap Release		TCO	SST		8,500	\$3.0800		\$26,180.00
Marketed Cap Release		TCO	SST		16,700	\$5.6000		\$93,520.00
Marketed Cap Release		TCO	SST		2,923	\$2.8000		\$8,184.40
TCI Marketed Capacity Release Revenue								\$231,571.20
Total TCI								\$754,235.36

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Feb-22	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$9.473	\$5.939	59.50%	\$6.6753
PSC Order Effective 7/24/20 with an expiration date of 3/31/21				

TBTC - Total Benchmark Transportation Cost (Disc Contr MDQ Quantity x Calculated Benchmark Rate)

TATC - Total Actual Transportation Cost (from Transportation Closing Report)

TCI - Transportation Cost Incentive

CKY GCI CALCULATION

Flow Period: Feb-22

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
2/1/22	\$5.8000	\$6.0600	\$6.2500	\$4.9400	\$5.0750	\$5.5950	\$5.2500	\$5.1800	\$5.4400	\$5.3300	\$5.4383	\$5.7617
2/2/22	\$5.8000	\$6.0600	\$6.2500	\$5.0150	\$5.1200	\$5.3300	\$5.2500	\$5.1800	\$5.4400	\$5.3550	\$5.4533	\$5.6733
2/3/22	\$5.8000	\$6.0600	\$6.2500	\$5.8900	\$5.9400	\$6.1100	\$5.2500	\$5.1800	\$5.4400	\$5.6467	\$5.7267	\$5.9333
2/4/22	\$5.8000	\$6.0600	\$6.2500	\$5.3550	\$5.3950	\$5.5550	\$5.2500	\$5.1800	\$5.4400	\$5.4683	\$5.5450	\$5.7483
2/5/22	\$5.8000	\$6.0600	\$6.2500	\$5.0050	\$5.0500	\$5.2200	\$5.2500	\$5.1800	\$5.4400	\$5.3517	\$5.4300	\$5.6367
2/6/22	\$5.8000	\$6.0600	\$6.2500	\$5.0050	\$5.0500	\$5.2200	\$5.2500	\$5.1800	\$5.4400	\$5.3517	\$5.4300	\$5.6367
2/7/22	\$5.8000	\$6.0600	\$6.2500	\$5.0050	\$5.0500	\$5.2200	\$5.2500	\$5.1800	\$5.4400	\$5.3517	\$5.4300	\$5.6367
2/8/22	\$5.8000	\$6.0600	\$6.2500	\$3.9700	\$4.0500	\$4.3450	\$3.6400	\$3.8100	\$4.0600	\$4.4700	\$4.6400	\$4.8850
2/9/22	\$5.8000	\$6.0600	\$6.2500	\$3.9150	\$4.0550	\$4.3100	\$3.6400	\$3.8100	\$4.0600	\$4.4517	\$4.6417	\$4.8733
2/10/22	\$5.8000	\$6.0600	\$6.2500	\$3.6700	\$3.7650	\$4.0200	\$3.6400	\$3.8100	\$4.0600	\$4.3700	\$4.5450	\$4.7767
2/11/22	\$5.8000	\$6.0600	\$6.2500	\$3.4650	\$3.5950	\$3.8050	\$3.6400	\$3.8100	\$4.0600	\$4.3017	\$4.4883	\$4.7050
2/12/22	\$5.8000	\$6.0600	\$6.2500	\$3.5900	\$3.7050	\$3.9000	\$3.6400	\$3.8100	\$4.0600	\$4.3433	\$4.5250	\$4.7367
2/13/22	\$5.8000	\$6.0600	\$6.2500	\$3.5900	\$3.7050	\$3.9000	\$3.6400	\$3.8100	\$4.0600	\$4.3433	\$4.5250	\$4.7367
2/14/22	\$5.8000	\$6.0600	\$6.2500	\$3.5900	\$3.7050	\$3.9000	\$3.6400	\$3.8100	\$4.0600	\$4.3433	\$4.5250	\$4.7367
2/15/22	\$5.8000	\$6.0600	\$6.2500	\$3.7250	\$3.8350	\$4.0150	\$3.9400	\$4.1400	\$4.4600	\$4.4883	\$4.6783	\$4.9083
2/16/22	\$5.8000	\$6.0600	\$6.2500	\$3.7050	\$3.9350	\$4.2100	\$3.9400	\$4.1400	\$4.4600	\$4.4817	\$4.7117	\$4.9733
2/17/22	\$5.8000	\$6.0600	\$6.2500	\$3.7850	\$4.1300	\$4.3300	\$3.9400	\$4.1400	\$4.4600	\$4.5083	\$4.7767	\$5.0133
2/18/22	\$5.8000	\$6.0600	\$6.2500	\$4.2300	\$4.3400	\$4.5600	\$3.9400	\$4.1400	\$4.4600	\$4.6567	\$4.8467	\$5.0900
2/19/22	\$5.8000	\$6.0600	\$6.2500	\$4.1350	\$4.2600	\$4.4950	\$3.9400	\$4.1400	\$4.4600	\$4.6250	\$4.8200	\$5.0683
2/20/22	\$5.8000	\$6.0600	\$6.2500	\$4.1350	\$4.2600	\$4.4950	\$3.9400	\$4.1400	\$4.4600	\$4.6250	\$4.8200	\$5.0683
2/21/22	\$5.8000	\$6.0600	\$6.2500	\$4.1350	\$4.2600	\$4.4950	\$3.9400	\$4.1400	\$4.4600	\$4.6250	\$4.8200	\$5.0683
2/22/22	\$5.8000	\$6.0600	\$6.2500	\$4.1350	\$4.2600	\$4.4950	\$3.9400	\$4.1400	\$4.4600	\$4.6250	\$4.8200	\$5.0683
2/23/22	\$5.8000	\$6.0600	\$6.2500	\$3.9750	\$4.1550	\$4.4100	\$4.2200	\$4.3300	\$4.4800	\$4.6650	\$4.8483	\$5.0467
2/24/22	\$5.8000	\$6.0600	\$6.2500	\$4.1900	\$4.3050	\$4.4950	\$4.2200	\$4.3300	\$4.4800	\$4.7367	\$4.8983	\$5.0750
2/25/22	\$5.8000	\$6.0600	\$6.2500	\$4.4850	\$4.5850	\$4.7200	\$4.2200	\$4.3300	\$4.4800	\$4.8350	\$4.9917	\$5.1500
2/26/22	\$5.8000	\$6.0600	\$6.2500	\$4.2300	\$4.3350	\$4.4650	\$4.2200	\$4.3300	\$4.4800	\$4.7500	\$4.9083	\$5.0650
2/27/22	\$5.8000	\$6.0600	\$6.2500	\$4.2300	\$4.3350	\$4.4650	\$4.2200	\$4.3300	\$4.4800	\$4.7500	\$4.9083	\$5.0650
2/28/22	\$5.8000	\$6.0600	\$6.2500	\$4.2300	\$4.3350	\$4.4650	\$4.2200	\$4.3300	\$4.4800	\$4.7500	\$4.9083	\$5.0650
Avg Rate	\$5.8000	\$6.0600	\$6.2500	\$4.2618	\$4.3782	\$4.5909	\$4.2525	\$4.3582	\$4.6093	\$4.7714	\$4.9321	\$5.1501

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ESTIMATE

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	664,800	\$3,059,097.25	\$3,172,045.71	\$112,948.46
CGT	ML	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00

\$112,948.46

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Feb-22

DATA * <u>STATUS</u>	SALES <u>TYPE **</u>	SALES <u>CATEGORY</u>	SALES ID	RECEIPT	DELIVERY	CDC	DELIVERY <u>POINT</u>	STATE <u>OF</u> <u>SALE</u>	INVOICED SALES AMOUNTS			ACTUAL AFTER-TAX MARGIN
				FLOW <u>DATE</u>	FLOW <u>DATE</u>				VOLUMES <u>INVOICED</u>	SALES <u>RATE</u>	TOTAL <u>SALE</u>	
									Dth	\$/Dth	\$	
I	S	OPP	S0259518	2/1/22	2/1/22		TCO P1042737	WV	5,000	\$5.3550	\$26,775.00	\$0.00
I	S	OPP	S0259519	2/1/22	2/1/22		TCO P1042737	WV	5,000	\$5.3550	\$26,775.00	\$0.00
I	S	OPP	S0259520	2/1/22	2/1/22		TCO P1042737	WV	2,000	\$5.3550	\$10,710.00	\$0.00
I	S	OPP	S0259528	2/1/22	2/1/22		TCO P1042737	WV	5,000	\$5.5800	\$27,900.00	\$3,850.00
I	S	OPP	S0259562	2/1/22	2/1/22		TCO P1042737	WV	5,000	\$3.8400	\$19,200.00	\$550.00
I	S	OPP	S0259584	2/1/22	2/1/22		TCO P1042737	WV	10,000	\$4.4500	\$44,500.00	\$3,125.00
I	S	OPP	S0259599	2/1/22	2/1/22		TCO P1042737	WV	3,000	\$4.1800	\$12,540.00	\$240.00
I	S	OPP	S0259600	2/1/22	2/1/22		TCO P1042737	WV	700	\$4.1800	\$2,926.00	\$56.00
I	S	OPP	S0259601	2/1/22	2/1/22		TCO P1042737	WV	1,300	\$4.1800	\$5,434.00	\$104.00
I	S	OPP	S0259605	2/1/22	2/1/22		TCO P1042737	WV	10,000	\$4.1975	\$41,975.00	\$975.00
I	S	OPP	S0259608	2/1/22	2/1/22		TCO P1042737	WV	7,500	\$4.1900	\$31,425.00	\$37.50
I	S	OPP	S0259610	2/1/22	2/1/22		TCO P1042737	WV	8,500	\$4.1925	\$35,636.25	\$42.50
									63,000		\$285,796.25	\$8,980.00

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Feb-22 (ESTIMATES)

ESTIMATED SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW	DELIVERY FLOW	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	ESTIMATED VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	COST	SALE	MARGIN
				DATE	DATE	MONTH										
E	E	OPP	S0258553		10/1/21	4/1/22	7	5	TCO P1042737	WV	15,000	\$1.0000	\$15,000.00	\$0.00	\$2,142.86	\$2,142.86
E	E	OPP	S0258606		10/1/21	5/1/22	8	5	TCO P1042737	WV	46,500	\$1.0500	\$48,825.00	\$0.00	\$6,103.13	\$6,103.13
E	E	OPP	S0258615		10/1/21	5/1/22	8	5	TCO P1042737	WV	15,500	\$1.2500	\$19,375.00	\$0.00	\$2,421.88	\$2,421.88
E	E	OPP	S0258619		10/1/21	5/1/22	8	5	TCO P1042737	WV	20,925	\$1.2500	\$26,156.25	\$0.00	\$3,269.53	\$3,269.53
E	E	OPP	S0258634		10/1/21	5/1/22	8	5	TCO P1042737	WV	20,925	\$1.2900	\$26,993.25	\$0.00	\$3,374.16	\$3,374.16
E	E	OPP	S0259043		12/1/21	5/1/22	6	3	TCO P1042737	WV	77,499	\$0.2400	\$18,599.76	\$0.00	\$3,099.96	\$3,099.96
E	E	OPP	S0259060		12/1/21	5/1/22	6	3	TCO P1042737	WV	34,100	\$0.2250	\$7,672.50	\$0.00	\$1,278.75	\$1,278.75
E	E	OPP	S0259070		12/1/21	5/1/22	6	3	TCO P1042737	WV	43,400	\$0.2150	\$9,331.00	\$0.00	\$1,555.17	\$1,555.17
E	E	OPP	S0259182		12/1/21	6/1/22	7	3	TCO P1042737	WV	37500	\$0.1300	\$4,875.00	\$0.00	\$696.43	\$696.43
E	E	OPP	S0259168		12/1/21	6/1/22	7	3	TCO P1042737	WV	75,000	\$0.1000	\$7,500.00	\$0.00	\$1,071.43	\$1,071.43
E	E	OPP	S0259209		12/1/21	7/1/22	8	3	TCO P1042737	WV	31,000	\$0.1300	\$4,030.00	\$0.00	\$503.75	\$503.75
E	E	OPP	S0259300		1/1/22	7/1/22	7	2	TCO P1042737	WV	46,500	\$0.1000	\$4,650.00	\$0.00	\$664.29	\$664.29
E	E	OPP	S0259321		1/1/22	7/1/22	7	2	TCO P1042737	WV	37,200	\$0.2000	\$7,440.00	\$0.00	\$1,062.86	\$1,062.86
E	E	OPP	S0259361		1/1/22	7/1/22	7	2	TCO P1042737	WV	67,500	\$0.3500	\$23,625.00	\$0.00	\$3,375.00	\$3,375.00
E	E	OPP	S0259374		1/1/22	8/1/22	8	2	TCO P1042737	WV	21,700	\$0.5700	\$12,369.00	\$0.00	\$1,546.13	\$1,546.13
E	E	OPP	S0259197		12/1/21	9/1/22	10	3	TCO P1042737	WV	110,000	\$0.2100	\$23,100.00	\$0.00	\$2,310.00	\$2,310.00
											700,249		\$259,541.76		\$34,475.33	\$34,475.33

MARCH 2022

CKY GCI CALCULATION

Flow Period: Mar-22

Flow Date	Inside FERC			Gas Daily			Weekly Spot Price Natural Gas Week (NGW)			Weighted Avg Calculated Benchmark Rate by P/L		
	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500	TCO P10	CGT Main	TGP 500
3/1/22	\$3.9200	\$4.2100	\$4.4800	\$3.8800	\$4.0300	\$4.2650	\$4.0800	\$4.2000	\$4.5700	\$3.9600	\$4.1467	\$4.4383
3/2/22	\$3.9200	\$4.2100	\$4.4800	\$3.9100	\$4.0700	\$4.3000	\$4.0800	\$4.2000	\$4.5700	\$3.9700	\$4.1600	\$4.4500
3/3/22	\$3.9200	\$4.2100	\$4.4800	\$4.2350	\$4.3900	\$4.5800	\$4.0800	\$4.2000	\$4.5700	\$4.0783	\$4.2667	\$4.5433
3/4/22	\$3.9200	\$4.2100	\$4.4800	\$4.1900	\$4.3450	\$4.5600	\$4.0800	\$4.2000	\$4.5700	\$4.0633	\$4.2517	\$4.5367
3/5/22	\$3.9200	\$4.2100	\$4.4800	\$4.0950	\$4.3800	\$4.7400	\$4.0800	\$4.2000	\$4.5700	\$4.0317	\$4.2633	\$4.5967
3/6/22	\$3.9200	\$4.2100	\$4.4800	\$4.0950	\$4.3800	\$4.7400	\$4.0800	\$4.2000	\$4.5700	\$4.0317	\$4.2633	\$4.5967
3/7/22	\$3.9200	\$4.2100	\$4.4800	\$4.0950	\$4.3800	\$4.7400	\$4.0800	\$4.2000	\$4.5700	\$4.0317	\$4.2633	\$4.5967
3/8/22	\$3.9200	\$4.2100	\$4.4800	\$4.3300	\$4.6350	\$4.7950	\$4.3400	\$4.5100	\$4.5600	\$4.1967	\$4.4517	\$4.6117
3/9/22	\$3.9200	\$4.2100	\$4.4800	\$4.1600	\$4.3800	\$4.5700	\$4.3400	\$4.5100	\$4.5600	\$4.1400	\$4.3667	\$4.5367
3/10/22	\$3.9200	\$4.2100	\$4.4800	\$4.1350	\$4.3150	\$4.4950	\$4.3400	\$4.5100	\$4.5600	\$4.1317	\$4.3450	\$4.5117
3/11/22	\$3.9200	\$4.2100	\$4.4800	\$4.2000	\$4.3900	\$4.5400	\$4.3400	\$4.5100	\$4.5600	\$4.1533	\$4.3700	\$4.5267
3/12/22	\$3.9200	\$4.2100	\$4.4800	\$4.4800	\$4.5350	\$4.6750	\$4.3400	\$4.5100	\$4.5600	\$4.2467	\$4.4183	\$4.5717
3/13/22	\$3.9200	\$4.2100	\$4.4800	\$4.4800	\$4.5350	\$4.6750	\$4.3400	\$4.5100	\$4.5600	\$4.2467	\$4.4183	\$4.5717
3/14/22	\$3.9200	\$4.2100	\$4.4800	\$4.4800	\$4.5350	\$4.6750	\$4.3400	\$4.5100	\$4.5600	\$4.2467	\$4.4183	\$4.5717
3/15/22	\$3.9200	\$4.2100	\$4.4800	\$3.9500	\$4.2850	\$4.5350	\$3.8600	\$4.3300	\$4.6900	\$3.9100	\$4.2750	\$4.5683
3/16/22	\$3.9200	\$4.2100	\$4.4800	\$3.7700	\$4.1150	\$4.3900	\$3.8600	\$4.3300	\$4.6900	\$3.8500	\$4.2183	\$4.5200
3/17/22	\$3.9200	\$4.2100	\$4.4800	\$3.8150	\$4.2500	\$4.5500	\$3.8600	\$4.3300	\$4.6900	\$3.8650	\$4.2633	\$4.5733
3/18/22	\$3.9200	\$4.2100	\$4.4800	\$3.9600	\$4.4650	\$4.7300	\$3.8600	\$4.3300	\$4.6900	\$3.9133	\$4.3350	\$4.6333
3/19/22	\$3.9200	\$4.2100	\$4.4800	\$3.9000	\$4.3450	\$4.7300	\$3.8600	\$4.3300	\$4.6900	\$3.8933	\$4.2950	\$4.6333
3/20/22	\$3.9200	\$4.2100	\$4.4800	\$3.9000	\$4.3450	\$4.7300	\$3.8600	\$4.3300	\$4.6900	\$3.8933	\$4.2950	\$4.6333
3/21/22	\$3.9200	\$4.2100	\$4.4800	\$3.9000	\$4.3450	\$4.7300	\$3.8600	\$4.3300	\$4.6900	\$3.8933	\$4.2950	\$4.6333
3/22/22	\$3.9200	\$4.2100	\$4.4800	\$3.8950	\$4.1950	\$4.6250	\$4.6000	\$5.1200	\$5.1500	\$4.1383	\$4.5083	\$4.7517
3/23/22	\$3.9200	\$4.2100	\$4.4800	\$4.1850	\$4.4500	\$4.8850	\$4.6000	\$5.1200	\$5.1500	\$4.2350	\$4.5933	\$4.8383
3/24/22	\$3.9200	\$4.2100	\$4.4800	\$4.4350	\$4.7200	\$5.1300	\$4.6000	\$5.1200	\$5.1500	\$4.3183	\$4.6833	\$4.9200
3/25/22	\$3.9200	\$4.2100	\$4.4800	\$4.4150	\$4.6050	\$5.0350	\$4.6000	\$5.1200	\$5.1500	\$4.3117	\$4.6450	\$4.8883
3/26/22	\$3.9200	\$4.2100	\$4.4800	\$5.0750	\$5.1700	\$5.3700	\$4.6000	\$5.1200	\$5.1500	\$4.5317	\$4.8333	\$5.0000
3/27/22	\$3.9200	\$4.2100	\$4.4800	\$5.0750	\$5.1700	\$5.3700	\$4.6000	\$5.1200	\$5.1500	\$4.5317	\$4.8333	\$5.0000
3/28/22	\$3.9200	\$4.2100	\$4.4800	\$5.0750	\$5.1700	\$5.3700	\$4.6000	\$5.1200	\$5.1500	\$4.5317	\$4.8333	\$5.0000
3/29/22	\$3.9200	\$4.2100	\$4.4800	\$5.1350	\$5.1900	\$5.4000	\$5.1000	\$5.1800	\$5.4700	\$4.7183	\$4.8600	\$5.1167
3/30/22	\$3.9200	\$4.2100	\$4.4800	\$4.7650	\$4.9500	\$5.2700	\$5.1000	\$5.1800	\$5.4700	\$4.5950	\$4.7800	\$5.0733
3/31/22	\$3.9200	\$4.2100	\$4.4800	\$4.8100	\$5.0000	\$5.3250	\$5.1000	\$5.1800	\$5.4700	\$4.6100	\$4.7967	\$5.0917
Avg Rate	\$3.9200	\$4.2100	\$4.4800	\$4.2847	\$4.5184	\$4.7911	\$4.3052	\$4.6019	\$4.8129	\$4.1699	\$4.4434	\$4.6947

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ESTIMATE

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	283,200	\$581,756.50	\$1,180,928.77	\$599,172.27
CGT	ML	0	\$0.00	\$0.00	\$0.00
TENN	500	76,600	\$208,431.00	\$359,612.29	\$151,181.29

\$750,353.56

COLUMBIA GAS OF KENTUCKY
Estimated SALES Activity Booking Report
Mar-22

Sales Amounts											MARGIN
<u>DATA *</u>	<u>SALES</u>	<u>SALES</u>		<u>RECEIPT</u>	<u>DELIVERY</u>		<u>STATE</u>	<u>VOLUMES</u>	<u>SALES</u>	<u>TOTAL</u>	
<u>STATUS</u>	<u>TYPE **</u>	<u>CATEGORY</u>	<u>SALES ID</u>	<u>FLOW</u>	<u>FLOW</u>	<u>DELIVERY</u>	<u>OF</u>	<u>INVOICED</u>	<u>RATE</u>	<u>SALE</u>	
				<u>DATE</u>	<u>DATE</u>	<u>POINT</u>	<u>SALE</u>	Dth	\$/Dth	\$	
E	S	OPP	S0259678	3/1/22	3/1/22	TCO P1042737	WV	\$67,500.00	\$4.23	\$285,525.00	\$10,218.15
E	S	OPP	S0259689	3/1/22	3/1/22	TCO P1042737	WV	\$2,500.00	\$4.38	\$10,937.50	\$312.50
E	S	OPP	S0259690	3/1/22	3/1/22	TCO P1042737	WV	\$5,000.00	\$4.38	\$21,875.00	\$625.00
E	S	OPP	S0259694	3/1/22	3/1/22	TCO P1042737	WV	\$1,000.00	\$4.36	\$4,360.00	\$140.00
E	S	OPP	S0259725	3/1/22	3/1/22	TCO P1042737	WV	\$5,300.00	\$4.14	\$21,942.00	\$848.00
E	S	OPP	S0259726	3/1/22	3/1/22	TCO P1042737	WV	\$4,700.00	\$4.14	\$19,458.00	\$752.00
E	S	OPP	S0259727	3/1/22	3/1/22	TCO P1042737	WV	\$5,000.00	\$4.15	\$20,725.00	\$825.00
E	S	OPP	S0259740	3/1/22	3/1/22	TCO P1042737	WV	\$6,000.00	\$4.20	\$25,200.00	\$1,320.00
E	S	OPP	S0259770	3/1/22	3/1/22	TCO P1042737	WV	5000	3.82	19100	\$62.50
E	S	OPP	S0259796	3/1/22	3/1/22	TCO P1042737	WV	\$13,000.00	\$4.00	\$52,000.00	\$1,560.00
E	S	OPP	S0259806	3/1/22	3/1/22	TCO P1042737	WV	\$5,000.00	\$3.91	\$19,550.00	\$112.50
E	S	OPP	S0259807	3/1/22	3/1/22	TCO P1042737	WV	\$2,500.00	\$3.91	\$9,775.00	\$56.25
E	S	OPP	S0259831	3/1/22	3/1/22	TCO P1042737	WV	\$15,000.00	\$4.19	\$62,850.00	\$225.00
E	S	OPP	S0259836	3/1/22	3/1/22	TCO P1042737	WV	\$300.00	\$4.19	\$1,255.50	\$13.50
E	S	OPP	S0259837	3/1/22	3/1/22	TCO P1042737	WV	\$7,200.00	\$4.19	\$30,132.00	\$324.00
E	S	OPP	S0259859	3/1/22	3/1/22	TCO P1042737	WV	\$15,000.00	\$4.45	\$66,750.00	\$240.00
E	S	OPP	S0259880	3/1/22	3/1/22	TCO P1042737	WV	\$10,200.00	\$5.08	\$51,765.00	\$4,489.02
E	S	OPP	S0259894	3/1/22	3/1/22	TCO P1042737	WV	\$10,000.00	\$5.00	\$50,000.00	\$2,350.00
											\$24,473.42

COLUMBIA GAS OF KENTUCKY
Off-System EXCHANGE Activity Report
Mar-22 (ESTIMATES)

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW	DELIVERY FLOW	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS EXPIRED	DELIVERY POINT	STATE OF SALE	VOLUMES Dth	RATE \$/Dth	SALE \$	COST	SALE	MARGIN
				DATE	DATE											
E	E	OPP	S0259832	3/1/22		4/1/22	2	1	TCO P1042737	WV	15000	\$0.0900	\$1,350.00	\$0.00	\$675.00	\$675.00
E	E	OPP	S0259858	3/1/22		4/1/22	2	1	TCO P1042737	WV	15,000	\$0.0800	\$1,200.00	\$0.00	\$600.00	\$600.00
E	E	OPP	S0259879		3/1/22	4/1/22	2	1	TCO P1042737	WV	45,000	\$0.2800	\$12,600.00	\$0.00	\$6,300.00	\$6,300.00
E	E	OPP	S0259884		3/1/22	4/1/22	2	1	TCO P1042737	WV	30,000	\$0.3000	\$9,000.00	\$0.00	\$4,500.00	\$4,500.00
E	E	OPP	S0259793	3/1/22		4/1/22	2	1	TCO P1042737	WV	30,000	\$0.2600	\$7,800.00	\$0.00	\$3,900.00	\$3,900.00
E	E	OPP	S0259809	3/1/22		4/1/22	2	1	TCO P1042737	WV	15,000	\$0.2200	\$3,300.00	\$0.00	\$1,650.00	\$1,650.00
E	E	OPP	S0258553		10/1/21	4/1/22	7	6	TCO P1042737	WV	15,000	\$1.0000	\$15,000.00	\$0.00	\$2,142.86	\$2,142.86
E	E	OPP	S0258606		10/1/21	5/1/22	8	6	TCO P1042737	WV	46,500	\$1.0500	\$48,825.00	\$0.00	\$6,103.13	\$6,103.13
E	E	OPP	S0258615		10/1/21	5/1/22	8	6	TCO P1042737	WV	15,500	\$1.2500	\$19,375.00	\$0.00	\$2,421.88	\$2,421.88
E	E	OPP	S0258619		10/1/21	5/1/22	8	6	TCO P1042737	WV	20,925	\$1.2500	\$26,156.25	\$0.00	\$3,269.53	\$3,269.53
E	E	OPP	S0258634		10/1/21	5/1/22	8	6	TCO P1042737	WV	20,925	\$1.2900	\$26,993.25	\$0.00	\$3,374.16	\$3,374.16
E	E	OPP	S0259043		12/1/21	5/1/22	6	4	TCO P1042737	WV	77499	\$0.2400	\$18,599.76	\$0.00	\$3,099.96	\$3,099.96
E	E	OPP	S0259060		12/1/21	5/1/22	6	4	TCO P1042737	WV	34,100	\$0.2250	\$7,672.50	\$0.00	\$1,278.75	\$1,278.75
E	E	OPP	S0259070		12/1/21	5/1/22	6	4	TCO P1042737	WV	43,400	\$0.2150	\$9,331.00	\$0.00	\$1,555.17	\$1,555.17
E	E	OPP	S0259168		12/1/21	6/1/22	7	4	TCO P1042737	WV	75,000	\$0.1000	\$7,500.00	\$0.00	\$1,071.43	\$1,071.43
E	E	OPP	S0259182		12/1/21	6/1/22	7	4	TCO P1042737	WV	37,500	\$0.1300	\$4,875.00	\$0.00	\$696.43	\$696.43
E	E	OPP	S0259209		12/1/21	7/1/22	8	4	TCO P1042737	WV	31,000	\$0.1300	\$4,030.00	\$0.00	\$503.75	\$503.75
E	E	OPP	S0259300		1/1/22	7/1/22	7	3	TCO P1042737	WV	46,500	\$0.1000	\$4,650.00	\$0.00	\$664.29	\$664.29
E	E	OPP	S0259321		1/1/22	7/1/22	7	3	TCO P1042737	WV	37,200	\$0.2000	\$7,440.00	\$0.00	\$1,062.86	\$1,062.86
E	E	OPP	S0259361		1/1/22	7/1/22	7	3	TCO P1042737	WV	67,500	\$0.3500	\$23,625.00	\$0.00	\$3,375.00	\$3,375.00
E	E	OPP	S0259374		1/1/22	8/1/22	8	3	TCO P1042737	WV	21,700	\$0.5700	\$12,369.00	\$0.00	\$1,546.13	\$1,546.13
E	E	OPP	S0259197		12/1/21	9/1/22	10	4	TCO P1042737	WV	110,000	\$0.2100	\$23,100.00	\$0.00	\$2,310.00	\$2,310.00
E	E	OPP	S0259657		3/1/22	10/1/22	8	1	TCO P1042737	WV	62,000	\$0.5700	\$35,340.00	\$0.00	\$4,417.50	\$4,417.50
E	E	OPP	S0259668		3/1/22	10/1/22	8	1	TCO P1042737	WV	62,000	\$0.6400	\$39,680.00	\$0.00	\$4,960.00	\$4,960.00
E	E	OPP	S0259734		3/1/22	10/1/22	8	1	TCO P1042737	WV	31,000	\$0.6000	\$18,600.00	\$0.00	\$2,325.00	\$2,325.00
											1,005,249		\$388,411.76		\$63,802.83	\$63,802.83

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	0.166	0.136	9.810	0.3226
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	0.55	0.45	33.40	33.40
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.

Issued On: March 8, 2022

Effective On: April 1, 2022

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	0.166	0.136	9.691	0.3187
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	0.55	0.45	33.01	33.01
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.

Issued On: March 8, 2022

Effective On: April 1, 2022

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

V.9.
 Currently Effective Rates
 FSS Rates
 Version 8.0.0

Currently Effective Rates
 Applicable to Rate Schedule FSS
 Rate Per Dth

		Base Tariff Rate 1/2/	Transportation Cost Rate Adjustment		Electric Power Costs Adjustment		CCRM-S Rate 3/	Total Effective Rate	Daily Rate
			Current	Surcharge	Current	Surcharge			
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.

Issued On: March 8, 2022

Effective On: April 1, 2022

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	1.4730	7.7561	14.4819	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	1.4730	7.7561	12.4804	I
Next 350 Mcf per billing period	2.5096	1.4730	7.7561	11.7387	I
Next 600 Mcf per billing period	2.3855	1.4730	7.7561	11.6146	I
Over 1,000 Mcf per billing period	2.1700	1.4730	7.7561	11.3991	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		7.7561 ^{2/}	8.4654	I
Next 70,000 Mcf per billing period	0.4378		7.7561 ^{2/}	8.1939	I
Over 100,000 Mcf per billing period	0.2423		7.7561 ^{2/}	7.9984	I
Firm Service Demand Charge					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		9.1283		9.1283	R
<u>RATE SCHEDULE IUS</u>					
Customer Charge per billing period	945.24			945.24	
Delivery Charge per Mcf					
For All Volumes Delivered	1.1959	1.4730	7.7561	10.4250	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 \$8.5723 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 April 29, 2022
 DATE EFFECTIVE May 31, 2022 (Unit 1 June)
 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		9.1283		9.1283	R
Standby Service Commodity Charge per Mcf			7.7561	7.7561	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	April 29, 2022
DATE EFFECTIVE	May 31, 2022 (Unit 1 June)
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	\$0.5422	R
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RATE SCHEDULE SVAS

Balancing Charge – per Mcf	\$1.0659	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	April 29, 2022
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TITLE	President & Chief Operating Officer