

**BEFORE THE
PUBLIC SERVICE COMMISSION
OF KENTUCKY**

COLUMBIA GAS OF KENTUCKY, INC.

CASE 2021 – 00184

**GAS COST ADJUSTMENT AND REVISED RATES OF
COLUMBIA GAS OF KENTUCKY, INC. PROPOSED TO BECOME
EFFECTIVE JUNE 2021 BILLINGS**

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

Line No.	March 2021 <u>CURRENT</u>	June 21 <u>PROPOSED</u>	<u>DIFFERENCE</u>
1 Commodity Cost of Gas	\$2.8177	\$2.7629	(\$0.0548)
2 Demand Cost of Gas	<u>\$2.1525</u>	<u>\$2.1513</u>	<u>(\$0.0012)</u>
3 Total: Expected Gas Cost (EGC)	\$4.9702	\$4.9142	(\$0.0560)
4 SAS Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
5 Balancing Adjustment	(\$0.0141)	\$0.1892	\$0.2033
6 Supplier Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
7 Actual Cost Adjustment	(\$0.7600)	(\$0.3412)	\$0.4188
8 Performance Based Rate Adjustment	<u>\$0.2167</u>	<u>\$0.1555</u>	<u>(\$0.0612)</u>
9 Cost of Gas to Tariff Customers (GCA)	\$4.4128	\$4.9177	\$0.5049
10 Transportation TOP Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
11 Banking and Balancing Service	\$0.0469	\$0.0469	\$0.0000
12 Rate Schedule FI and GSO			
13 Customer Demand Charge	\$11.9517	\$11.9599	\$0.0082

Columbia Gas of Kentucky, Inc.

Gas Cost Adjustment Clause

Gas Cost Recovery Rate

Jun 21 - Aug 21

<u>Line No.</u>	<u>Description</u>		<u>Amount</u>	<u>Expires</u>
1	Expected Gas Cost (EGC)	Schedule No. 1	\$4.9142	08-31-21
2	Total Actual Cost Adjustment (ACA)	Schedule No. 2	(\$0.3412)	
		Case No. 2020-00253	(\$0.2354)	08-31-21
		Case No. 2020-00355	(\$0.0958)	11-30-21
		Case No. 2021-00027	\$0.1471	02-28-22
		Case No. 2021-00184	(\$0.1571)	05-31-22
3	Total Supplier Refund Adjustment (RA)	Schedule No. 4	\$0.0000	
4	Balancing Adjustment (BA)	Schedule No. 3 Case No. 2021-00184	\$0.1892	08-31-21
5	Performance Based Rate Adjustment (PBRA)	Schedule No. 6 Case No. 2021-00184	\$0.1555	05-31-22
6	Gas Cost Adjustment			
7	Jun 21 - Aug 21		<u>\$4.9177</u>	
8	Expected Demand Cost (EDC) per Mcf			
9	(Applicable to Rate Schedule IS/SS and GSO)	Schedule No. 1, Sheet 4	<u>\$11.9599</u>	

DATE FILED: April 29, 2021

BY: J. M. Cooper

Columbia Gas of Kentucky, Inc.
Expected Gas Cost for Sales Customers
Jun 21 - Aug 21

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		\$0.0150	\$0
2	Injection			3,805,672		\$0.0150	\$57,085
3	Withdrawals: gas cost includes pipeline fuel and commodity charges			0		\$2.4947	\$0
Total							
4	Volume	Line 3		0			
5	Cost	Line 1 + Line 2 + Line 3					\$57,085
6	Summary	Line 4 or Line 5		0			\$57,085
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		701,998			\$1,600,556
8	Appalachian Supplies	Sch.1, Sht. 6, Ln. 4		49,501			\$142,244
9	Less Fuel Retention By Interstate Pipelines	Sch. 1,Sheet 7, Lines 21, 22		(99,493)			(\$236,053)
10	Total	Line 7 + Line 8 + Line 9		652,006			\$1,506,747
Total Supply							
11	At City-Gate	Line 6 + Line 10		652,006			\$1,563,832
Lost and Unaccounted For							
12	Factor			-0.4%			
13	Volume	Line 11 * Line 12		(2,608)			
14	At Customer Meter	Line 11 + Line 13	589,826	649,398			
15	Less: Right-of-Way Contract Volume			93			
16	Sales Volume	Line 14-Line 15	589,734				
Unit Costs \$/MCF							
Commodity Cost							
17	Excluding Cost of Pipeline Retention	Line 11 / Line 16				\$2.6518	
18	Annualized Unit Cost of Retention	Sch. 1,Sheet 7, Line 24				<u>\$0.0858</u>	
19	Including Cost of Pipeline Retention	Line 17 + Line 18				\$2.7376	
20	Uncollectible Ratio	CN 2016-00162				<u>0.00923329</u>	
21	Gas Cost Uncollectible Charge	Line 19 * Line 20				<u>\$0.0253</u>	
22	Total Commodity Cost	Line 19 + Line 21				\$2.7629	
23	Demand Cost	Sch.1, Sht. 2, Line 10				<u>\$2.1513</u>	
24	Total Expected Gas Cost (EGC)	Line 22 + Line 23				\$4.9142	

A/ BTU Factor = 1.1010 Dth/MCF

Columbia Gas of Kentucky, Inc.
GCA Unit Demand Cost
Jun 21 - Aug 21

Schedule No. 1
Sheet 2

<u>Line No.</u>	<u>Description</u>	<u>Reference</u>	<u>Cost</u>
1	Expected Demand Cost: Annual Jun 21 - Aug 21	Sch. No.1, Sheet 3, Ln. 11	\$30,635,372
2	Less Rate Schedule IS/SS and GSO Customer Demand Charge Recovery	Sch. No.1, Sheet 4, Ln. 10	(\$224,033)
3	Less Storage Service Recovery from Delivery Service Customers		<u>(\$446,876)</u>
4	Net Demand Cost Applicable	Line 1 + Line 2 + Line 3	\$29,964,463
	Projected Annual Demand: Sales + Choice		
	At city-gate		
	In Dth		15,400,605 Dth
	Heat content		1.1010 Dth/MCF
5	In MCF		<u>13,987,834 MCF</u>
	Lost and Unaccounted - For		
6	Factor		0.4%
7	Volume	Line 5 x Line 6	55,951 MCF
8	Right of way Volumes		<u>3,115 MCF</u>
9	At Customer Meter	Line 5 - Line 7 - Line 8	<u>13,928,768 MCF</u>
10	Unit Demand Cost -- To Sheet 1, Line 23	Line 4 / Line 9	\$2.1513 per MCF

Columbia Gas of Kentucky, Inc.
Annual Demand Cost of Interstate Pipeline Capacity
Jun 21 - May 22

Schedule No. 1
Sheet 3

Line No.	Description	Dth	Monthly Rate \$/Dth	# Months	Expected Annual Demand Cost
Columbia Gas Transmission Corporation					
Firm Storage Service (FSS)					
1	FSS Seasonal Contract Quantity (SCQ)	10,703,880	\$0.0672	12	\$8,631,609
2	FSS Max Daily Storage Quantity (MDSQ)	209,880	\$3.7300	12	\$9,394,229
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	\$12.6650	12	\$3,041,728
6	Firm Transportation Service (FTS)	5,124	\$12.6650	12	\$778,746
7	Subtotal -- Sum of Lines 1 through 6				\$29,751,442
Tennessee Gas					
8	Firm Transportation	16,000	\$4.6038	12	\$883,930
Central Kentucky Transmission					
9	Firm Transportation	0	\$0.0000	12	\$0
10	Operational and Commercial Services Charge		\$0	12	\$0
11	Total -- Sum of Lines 7 through 11 -- To Sheet 2, line 1				\$30,635,372

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

Jun 21 - May 22

Line No.	Description	Capacity			Annual Cost
		Daily	# Months	Annualized	
		Dth		Dth	
		(1)	(2)	(3)	(3)
				= (1) x (2)	
1	Expected Demand Costs (Per Sheet 3)				\$30,635,372
	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	Central Kentucky Transportation	0	12	0	
5	Total -- Sum of Lines 2 through 4			2,820,216	Dth
6	Divided by Average BTU Factor			1.101	Dth/MCF
7	Total Capacity - Annualized -- Line 5 / Line 6			2,561,504	Mcf
8	Monthly Unit Expected Demand Cost (EDC) of Daily Capacity Applicable to Rate Schedules IS/SS and GSO -- Line 1 / Line 7			\$11.9599	/Mcf
9	Firm Volumes of IS/SS and GSO Customers	1,561	12	18,732	Mcf
10	Expected Demand Charges to be Recovered Annually from Rate Schedule IS/SS and GSO Customers -- Line 8 x Line 9			To Sheet 2, line 2	\$224,033

Columbia Gas of Kentucky, Inc.
Non-Appalachian Supply: Volume and Cost
Jun 21 - Aug 21

Schedule No. 1
 Sheet 5

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

Line No.	Month	Total Flowing Supply Including Gas Injected Into Storage			Net Storage Injection	Net Flowing Supply for Current Consumption	
		Volume A/ Dth (1)	Cost (2)	Unit Cost \$/Dth (3) = (2) / (1)		Dth (4)	Volume Dth (5) = (1) + (4)
1	June 21	1,553,636	\$3,528,947		(1,323,135)	230,502	
2	Jul-21	1,559,045	\$3,611,083		(1,319,083)	239,962	
3	Aug-21	1,394,989	\$3,132,154		(1,163,454)	231,535	
4	Total -- Sum of Lines 1 through 3	4,507,670	\$10,272,184	\$2.28	(3,805,672)	701,998	\$1,600,556

A/ Gross, before retention.

Columbia Gas of Kentucky, Inc.
Appalachian Supply: Volume and Cost
Jun 21 - Aug 21

Schedule No. 1
Sheet 6

<u>Line</u> <u>No.</u>	<u>Month</u>	<u>Dth</u> (2)	<u>Cost</u> (3)
1	June 21	16,957	\$48,365
2	Jul-21	16,190	\$46,487
3	Aug-21	16,353	\$47,392
4	Total -- Sum of Lines 1 through 3	49,501	\$142,244

Columbia Gas of Kentucky, Inc.
Annualized Unit Charge for Gas Retained by Upstream Pipelines
Jun 21 - Aug 21

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 21 - May 22
			Jun 21 - Aug 21	Sep 21 - Nov 21	Dec 21 - Feb 22	Mar 22 - May 22	
Gas purchased by CKY for the remaining sales customers							
1	Volume	Dth	4,557,171	2,460,193	416,712	4,016,489	11,450,565
2	Commodity Cost Including Transportation		\$10,414,428	\$5,210,756	\$2,972,952	\$8,568,962	\$27,167,098
3	Unit cost	\$/Dth					\$2.3726
Consumption by the remaining sales customers							
4	At city gate	Dth	661,026	2,089,362	6,960,904	2,729,568	12,440,860
5	Lost and unaccounted for portion		0.40%	0.40%	0.40%	0.40%	
At customer meters							
6	In Dth = (100% - Line 5) x Line 4	Dth	658,382	2,081,005	6,933,060	2,718,650	12,391,097
7	Heat content	Dth/MCF	1.1010	1.1010	1.1010	1.1010	
8	In MCF = Line 6 / Line 7	MCF	597,985	1,890,104	6,297,057	2,469,255	11,254,401
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	99,493	71,880	126,344	110,194	407,911
Cost							
11	Quarterly -- Deduct from Sheet 1 -- Line 3 x Line 10		To Sheet 1, line 9 \$236,053	\$170,539	\$299,758	\$261,441	\$967,791
12	Allocated to quarters by consumption		\$51,293	\$162,589	\$541,963	\$211,946	\$967,791
13	Annualized unit charge -- Line 12 / Line 8	\$/MCF	To Sheet 1, line 18 \$0.0858	\$0.0860	\$0.0861	\$0.0858	\$0.0860

COLUMBIA GAS OF KENTUCKY, INC.

Schedule No. 1

Sheet 8

**DETERMINATION OF THE BANKING AND
BALANCING CHARGE
FOR THE PERIOD BEGINNING JUNE 2021**

<u>Line No.</u>	<u>Description</u>	<u>Dth</u>	<u>Detail</u>	<u>Amount For Transportation Customers</u>
1	Total Storage Capacity -- From Sheet 3, Line 2	10,703,880		
2	Net Transportation Volume	10,489,331		
3	Contract Tolerance Level @ 5%	524,467		
4	Percent of Annual Storage Applicable to Transportation Customers		4.90%	
6	Seasonal Contract Quantity (SCQ)			
7	Rate		\$0.0672	
8	SCQ Charge - Annualized		<u>\$8,631,609</u>	
9	Amount Applicable To Transportation Customers			\$422,949
10	FSS Injection and Withdrawal Charge			
11	Rate		0.0300	
12	Total Cost		<u>\$321,116</u>	
13	Amount Applicable To Transportation Customers			\$15,735
14	SST Commodity Charge			
15	Rate		0.0167	
16	Projected Annual Storage Withdrawal, Dth		10,011,599	
17	Total Cost		<u>\$167,194</u>	
18	Amount Applicable To Transportation Customers			\$8,192
19	Total Cost Applicable To Transportation Customers			<u>\$446,876</u>
20	Total Transportation Volume - Mcf			16,238,594
21	Flex and Special Contract Transportation Volume - Mcf			(6,711,500)
22	Net Transportation Volume - Mcf -- Line 20 + Line 21			9,527,094
23	Banking and Balancing Rate - Mcf -- Line 19 / Line 22 - To Line 11 of the GCA Comparison			<u>\$0.0469</u>

**DETAIL SUPPORTING
DEMAND/COMMODITY SPLIT**

COLUMBIA GAS OF KENTUCKY

CASE NO. 2021-00184 Effective June 2021 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)	\$2.1513
Demand ACA (Schedule No. 2, Sheet 1, Case No. 2020-00253, Case No. 2020-00355, Case No. 2021-00027, & Case No. 2021-00184)	(\$0.1405)
Refund Adjustment (Schedule No. 4, Case No. 2021-00184)	<u>\$0.0000</u>
Total Demand Rate per Mcf	\$2.0108
 Commodity Component of Gas Cost Adjustment	
Commodity Cost of Gas (Schedule No. 1, Sheet 1, Line 22)	\$2.7629
Commodity ACA (Schedule No. 2, Sheet 1, Case No. Case No. 2020-00253, Case No. 2020-00355, Case No. 2021-00027 & Case No. 2021-00184)	(\$0.2007)
Balancing Adjustment	\$0.1892
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2021-00184)	<u>\$0.1555</u>
Total Commodity Rate per Mcf	\$2.9069
 CHECK:	 \$2.0108
 COST OF GAS TO TARIFF CUSTOMERS (GCA)	 <u>\$2.9069</u> \$4.9177

Calculation of Rate Schedule SVGTS - Actual Gas Cost Adjustment

Commodity ACA (Schedule No. 2, Sheet 1, Case No. Case No. 2020-00253, Case No. 2020-00355, Case No. 2021-00027 & Case No. 2021-00184)	(\$0.2007)
Balancing Adjustment	\$0.1892
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2021-00184)	<u>\$0.1555</u>
Total Commodity Rate per Mcf	<u><u>\$0.1440</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, 2021**

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 2020	1,466,673	2,187	1,464,486	\$4.5801	\$6,707,477	\$14,503	(\$5,404)	\$6,727,384	\$8,862,697	\$2,135,313
2	January 2021	2,258,035	5,529	2,252,506	\$4.5617	\$10,275,246	\$29,133	(\$4,613)	\$10,308,992	\$8,239,218	(\$2,069,774)
3	February 2021	2,401,590	5,101	2,396,489	\$4.5603	\$10,928,669	\$27,746	(\$4,547)	\$10,960,961	\$9,530,841	(\$1,430,121)
4	TOTAL	6,126,298	12,817	6,113,481		\$27,911,392	\$71,381	(\$14,564)	\$27,997,338	\$26,632,756	(\$1,364,582)
5	Off-System Sales										(\$410,183)
6	Capacity Release										\$0
7	Gas Cost Audit										\$0
8	TOTAL (OVER)/UNDER-RECOVERY										<u>(\$1,774,764.14)</u>
9	Demand Revenues Received										\$8,057,710
10	Demand Cost of Gas										<u>\$2,476,755</u>
11	Demand (Over)/Under Recovery										<u>(\$5,580,955)</u>
12	Expected Sales Volumes for the Twelve Months End May 31, 2022										<u>11,251,414</u>
13	DEMAND ACA TO EXPIRE MAY 31, 2022										(\$0.4960)
14	Commodity Revenues Received										\$19,939,624
15	Commodity Cost of Gas										<u>\$23,745,819</u>
16	Commodity (Over)/Under Recovery										\$3,806,195
17	Gas Cost Uncollectible ACA										<u>\$6,437</u>
18	Total Commodity (Over)/Under Recovery										<u>\$3,812,631</u>
19	Expected Sales Volumes for the Twelve Months End May 31, 2022										<u>11,251,414</u>
20	COMMODITY ACA TO EXPIRE MAY 31, 2022										\$0.3389
21	TOTAL ACA TO EXPIRE MAY 31, 2022										<u>(\$0.1571)</u>

**STATEMENT SHOWING ACTUAL COST
 RECOVERY FROM CUSTOMERS TAKING STANDBY
 SERVICE UNDER RATE SCHEDULE IS AND GSO
 FOR THE THREE MONTHS ENDED FEBRUARY 28, 2021**

LINE NO.	<u>MONTH</u>	SS Commodity <u>Volumes</u> (1) Mcf	Average SS Recovery <u>Rate</u> (2) \$/Mcf	SS Commodity <u>Recovery</u> (3) \$
1	December 2020	2,187	\$1.8851	\$4,123
2	January 2021	5,529	\$3.2421	\$17,926
3	February 2021	5,101	\$3.2421	\$16,538
4	Total SS Commodity Recovery			<u>\$38,586</u>

LINE NO.	<u>MONTH</u>	SS Demand <u>Volumes</u> (1) Mcf	Average SS Demand <u>Rate</u> (2) \$/Mcf	SS Demand <u>Recovery</u> (3) \$
5	December 2020	1,561	\$6.6495	\$10,380
6	January 2021	1,561	\$7.1798	\$11,208
7	February 2021	1,561	\$7.1798	\$11,208
8	Total SS Demand Recovery			<u>\$32,795</u>
9	TOTAL SS AND GSO RECOVERY			<u><u>\$71,381</u></u>

Columbia Gas of Kentucky, Inc.
Gas Cost Uncollectible Charge - Actual Cost Adjustment
For the Three Months Ending February 28, 2021

Schedule No. 2
Sheet 3 of 3

Line No.	Class	<u>Dec-20</u>	<u>Jan-21</u>	<u>Feb-21</u>	<u>Total</u>
1	Actual Cost	\$ 78,646	\$ 53,638	\$ 57,309	\$ 189,593
2	Actual Recovery	<u>\$ 43,732</u>	<u>\$ 67,435</u>	<u>\$ 71,988</u>	<u>\$ 183,156</u>
3	(Over)/Under Activity	\$ 34,914	\$ (13,798)	\$ (14,679)	\$ 6,437

BALANCING ADJUSTMENT

SCHEDULE NO. 3

COLUMBIA GAS OF KENTUCKY, INC.

**CALCULATION OF BALANCING ADJUSTMENT
TO BE EFFECTIVE JUNE 1, 2021**

Line No.	Description	Detail \$	Amount \$
1	<u>RECONCILIATION OF A PREVIOUS SUPPLIER REFUND ADJUSTMENT</u>		
2	Total adjustment to have been distributed to		
3	customers in Case No.	\$0	
4	Less: actual amount distributed	\$0	
5	REMAINING AMOUNT		\$0
6	<u>RECONCILIATION OF A PREVIOUS BALANCING ADJUSTMENT</u>		
7	Total adjustment to have been distributed to		
8	customers in Case No. 2020-00355	(\$36,707)	
9	Less: actual amount collected	(\$37,448)	
10	REMAINING AMOUNT		\$741
11	<u>RECONCILIATION OF PREVIOUS ACTUAL COST ADJUSTMENT</u>		
12	Total adjustment to have been collected from		
13	customers in Case No. 2020-00029	\$4,098,687	
14	Less: actual amount collected	\$3,986,292	
15	REMAINING AMOUNT		\$112,394
16	TOTAL BALANCING ADJUSTMENT AMOUNT		\$113,136
17	Divided by: projected sales volumes for the three months		
18	ended August 31, 2021		597,869
19	BALANCING ADJUSTMENT (BA) TO		
20	EXPIRE AUGUST 31, 2021		\$ 0.1892

Columbia Gas of Kentucky, Inc.
Balancing Adjustment
Supporting Data

Case No. 2020-00355

Expires: February 28, 2021

	<u>Volume</u>	<u>Surcharge Rate</u>	<u>Surcharge Amount</u>	<u>Surcharge Balance</u>
Beginning Balance				(\$36,707)
December 2020	1,458,879	(\$0.0061)	(\$8,899)	(\$27,807)
January 2021	2,260,482	(\$0.0061)	(\$13,789)	(\$14,018)
February 2021	2,406,504	(\$0.0061)	(\$14,680)	\$661
March 2021	13,156	(\$0.0061)	(\$80)	\$741

TOTAL SURCHARGE COLLECTED

SUMMARY:

SURCHARGE AMOUNT (\$36,707)

AMOUNT COLLECTED (\$37,448)

REMAINING BALANCE \$741

Columbia Gas of Kentucky, Inc.
Actual Cost Adjustment YR2019 QTR4
Supporting Data

Case No. 2020-00029

Expires: February 28, 2021

	Tariff		Choice			Refund Balance	
	Volume	Refund Rate	Refund Amount	Volume	Refund Rate		Refund Amount
						\$4,098,687	
Mar-20	1,546,022	\$0.3687	\$570,018	8,238	\$0.0864	\$712	\$3,527,957
Apr-20	750,844	\$0.3687	\$276,836	6,499	\$0.0864	\$562	\$3,250,559
May-20	621,631	\$0.3687	\$229,195	5,060	\$0.0864	\$437	\$3,020,926
Jun-20	309,960	\$0.3687	\$114,282	3,975	\$0.0864	\$343	\$2,906,301
Jul-20	195,629	\$0.3687	\$72,129	2,341	\$0.0864	\$202	\$2,833,970
Aug-20	184,045	\$0.3687	\$67,857	1,578	\$0.0864	\$136	\$2,765,976
Sep-20	196,416	\$0.3687	\$72,419	2,993	\$0.0864	\$259	\$2,693,299
Oct-20	290,083	\$0.3687	\$106,954	7,858	\$0.0864	\$679	\$2,585,667
Nov-20	602,984	\$0.3687	\$222,320	7,042	\$0.0864	\$608	\$2,362,738
Dec-20	1,453,803	\$0.3687	\$536,017	1,971	\$0.0864	\$170	\$1,826,551
Jan-21	2,238,199	\$0.3687	\$825,224	22,283	\$0.0864	\$1,925	\$999,402
Feb-21	2,392,342	\$0.3687	\$882,057	14,162	\$0.0864	\$1,224	\$116,122
Mar-21	9,177	\$0.3687	\$3,383	3,979	\$0.0864	\$344	\$112,394

SUMMARY:

REFUND AMOUNT	4,098,687
LESS	
AMOUNT REFUNDED	<u>3,986,292</u>

TOTAL REMAINING REFUND 112,394

PERFORMANCE BASED RATE ADJUSTMENT
SCHEDULE NO. 6

COLUMBIA GAS OF KENTUCKY, INC.

CALCULATION OF PERFORMANCE BASED RATE ADJUSTMENT
Effective Billing Unit 1 June 2021

<u>Month</u>	<u>Gas Cost</u>	<u>Transportation Cost</u>	<u>Off-System Sales</u>	<u>Company Performance Share</u>
February 2020	(2.79)	(523.80)	(238.06)	(764.65)
March 2020	(75.46)	(14.79)	(2.97)	(93.22)
April 2020	23,015.65	-	13,937.82	36,953.47
May 2020	(2,354.87)	-	10,678.06	8,323.19
June 2020	16,370.34	2,230.59	41,615.17	60,216.10
July 2020	19,892.18	12,213.00	40,697.55	72,802.73
August 2020	18,084.95	32,782.57	41,235.80	92,103.32
September 2020	14,944.61	55,556.97	89,311.68	159,813.26
October 2020	78,632.45	154,756.70	96,402.89	329,792.04
November 2020	9,113.11	108,890.65	92,941.16	210,944.92
December 2020	9,703.88	159,242.83	94,813.83	263,760.54
January 2021	12,877.27	204,752.24	65,592.40	283,221.91
February 2021	18,437.19	80,568.21	30,875.94	129,881.34
March 2021	<u>27,312.00</u>	<u>70,173.71</u>	<u>4,657.88</u>	<u>102,143.59</u>
Company Performance Share	245,950.51	880,628.88	622,519.15	\$ <u>1,749,098.54</u>
Projected Sales Volumes for the 12 Months Ended May 31, 2022				11,251,414
Performance Based Rate Adjustment to Expire May 31, 2022				\$ <u>0.1555</u>

FEBRUARY 2020

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation

Flow Period: Feb-20

<u>Ln.</u>	<u>PBR Component Description</u>	Feb-20 ESTIMATE	Feb-20 ACTUAL	
1	CPS = (TPBR) x ASP	\$12,266.19	\$13,413.25	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$13,675.28</u>	<u>\$11,763.51</u>	50% of remainder
3	Total Company Performance Share	\$25,941.47	\$25,176.76	
4	TCI (includes Marketed CapR)	\$46,740.51	\$46,740.51	
5	GCI	\$249.43	\$249.43	
6	OSSI	\$0.00	\$0.00	
	Sales	\$0.00	\$0.00	
	Exch	\$21,247.91 (1)	\$21,247.91	
7	TPBR = (TCI+GCI+OSSI)	\$68,237.85	\$68,237.85	
8	AGC (**Total Gas Cost)	\$2,044,364.21	\$2,235,541.49	
	Sys Supply Purch	\$32,000.00	\$240,612.00	
	Core	\$84,918.40 (est)	\$79,614.46 (act)	
	Misc Adjustment	\$0.00	\$0.00	
	Transportation	\$1,927,445.81	\$1,915,315.03	
				tell
9	2% of AGC	\$40,887.28	\$44,710.83	
10	PAC = (TPBR) / AGC	3.34%	3.05%	

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: Feb-20

		<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>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60	\$73,289.60
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Max Rate	\$798,832.80	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Max Rate	<u>\$125,550.00</u>	<u>\$125,550.00</u>
			0					\$997,672.40	\$997,672.40
			0			<u>Disc Rate</u>			
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Disc Rate	\$73,289.60	\$73,289.60
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00	\$125,550.00
LESS: Marketed Cap Release		TCO	SST		0	\$0.0000		<u>\$0.00</u>	<u>\$0.00</u>
			0					\$997,672.40	\$997,672.40
Marketed Cap Release		CGT	FTS-1		17,765	\$1.0150		\$18,031.48	\$18,031.48
Marketed Cap Release		CGT	FTS-1		3,000	\$1.1890		\$3,567.00	\$3,567.00
Marketed Cap Release		CGT	FTS-1		3,135	\$1.0150		\$3,182.03	\$3,182.03
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00	\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00	\$0.00
Marketed Cap Release		CKT	FTS		8,000	\$2.7450		\$21,960.00	\$21,960.00
							Total TCI	\$46,740.51	\$46,740.51

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: Feb-20

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)					
2/1/20	\$1.5300	\$1.7300	\$1.8000	\$1.5800	\$1.7150	\$1.7600	\$1.6200	\$1.7700	\$1.8000	\$1.5767	\$1.7383	\$1.7867
2/2/20	\$1.5300	\$1.7300	\$1.8000	\$1.5800	\$1.7150	\$1.7600	\$1.6200	\$1.7700	\$1.8000	\$1.5767	\$1.7383	\$1.7867
2/3/20	\$1.5300	\$1.7300	\$1.8000	\$1.5800	\$1.7150	\$1.7600	\$1.6200	\$1.7700	\$1.8000	\$1.5767	\$1.7383	\$1.7867
2/4/20	\$1.5300	\$1.7300	\$1.8000	\$1.6000	\$1.7300	\$1.7500	\$1.6400	\$1.7600	\$1.7900	\$1.5900	\$1.7400	\$1.7800
2/5/20	\$1.5300	\$1.7300	\$1.8000	\$1.6150	\$1.7350	\$1.7600	\$1.6400	\$1.7600	\$1.7900	\$1.5950	\$1.7417	\$1.7833
2/6/20	\$1.5300	\$1.7300	\$1.8000	\$1.6100	\$1.7550	\$1.7800	\$1.6400	\$1.7600	\$1.7900	\$1.5933	\$1.7483	\$1.7900
2/7/20	\$1.5300	\$1.7300	\$1.8000	\$1.6350	\$1.7750	\$1.7950	\$1.6400	\$1.7600	\$1.7900	\$1.6017	\$1.7550	\$1.7950
2/8/20	\$1.5300	\$1.7300	\$1.8000	\$1.6600	\$1.7850	\$1.8150	\$1.6400	\$1.7600	\$1.7900	\$1.6100	\$1.7583	\$1.8017
2/9/20	\$1.5300	\$1.7300	\$1.8000	\$1.6600	\$1.7850	\$1.8150	\$1.6400	\$1.7600	\$1.7900	\$1.6100	\$1.7583	\$1.8017
2/10/20	\$1.5300	\$1.7300	\$1.8000	\$1.6600	\$1.7850	\$1.8150	\$1.6400	\$1.7600	\$1.7900	\$1.6100	\$1.7583	\$1.8017
2/11/20	\$1.5300	\$1.7300	\$1.8000	\$1.6100	\$1.6900	\$1.7250	\$1.6400	\$1.7200	\$1.7700	\$1.5933	\$1.7133	\$1.7650
2/12/20	\$1.5300	\$1.7300	\$1.8000	\$1.6200	\$1.6850	\$1.7250	\$1.6400	\$1.7200	\$1.7700	\$1.5967	\$1.7117	\$1.7650
2/13/20	\$1.5300	\$1.7300	\$1.8000	\$1.6400	\$1.7750	\$1.8050	\$1.6400	\$1.7200	\$1.7700	\$1.6033	\$1.7417	\$1.7917
2/14/20	\$1.5300	\$1.7300	\$1.8000	\$1.7200	\$1.7800	\$1.8500	\$1.6400	\$1.7200	\$1.7700	\$1.6300	\$1.7433	\$1.8067
2/15/20	\$1.5300	\$1.7300	\$1.8000	\$1.6150	\$1.7200	\$1.7750	\$1.6400	\$1.7200	\$1.7700	\$1.5950	\$1.7233	\$1.7817
2/16/20	\$1.5300	\$1.7300	\$1.8000	\$1.6150	\$1.7200	\$1.7750	\$1.6400	\$1.7200	\$1.7700	\$1.5950	\$1.7233	\$1.7817
2/17/20	\$1.5300	\$1.7300	\$1.8000	\$1.6150	\$1.7200	\$1.7750	\$1.6400	\$1.7200	\$1.7700	\$1.5950	\$1.7233	\$1.7817
2/18/20	\$1.5300	\$1.7300	\$1.8000	\$1.6150	\$1.7200	\$1.7750	\$1.7300	\$1.8200	\$1.8700	\$1.6250	\$1.7567	\$1.8150
2/19/20	\$1.5300	\$1.7300	\$1.8000	\$1.7750	\$1.8650	\$1.9150	\$1.7300	\$1.8200	\$1.8700	\$1.6783	\$1.8050	\$1.8617
2/20/20	\$1.5300	\$1.7300	\$1.8000	\$1.8200	\$1.9000	\$1.9550	\$1.7300	\$1.8200	\$1.8700	\$1.6933	\$1.8167	\$1.8750
2/21/20	\$1.5300	\$1.7300	\$1.8000	\$1.8150	\$1.8450	\$1.9150	\$1.7300	\$1.8200	\$1.8700	\$1.6917	\$1.7983	\$1.8617
2/22/20	\$1.5300	\$1.7300	\$1.8000	\$1.7000	\$1.8100	\$1.8500	\$1.7300	\$1.8200	\$1.8700	\$1.6533	\$1.7867	\$1.8400
2/23/20	\$1.5300	\$1.7300	\$1.8000	\$1.7000	\$1.8100	\$1.8500	\$1.7300	\$1.8200	\$1.8700	\$1.6533	\$1.7867	\$1.8400
2/24/20	\$1.5300	\$1.7300	\$1.8000	\$1.7000	\$1.8100	\$1.8500	\$1.7300	\$1.8200	\$1.8700	\$1.6533	\$1.7867	\$1.8400
2/25/20	\$1.5300	\$1.7300	\$1.8000	\$1.6450	\$1.7550	\$1.8000	\$1.6100	\$1.6700	\$1.7500	\$1.5950	\$1.7183	\$1.7833
2/26/20	\$1.5300	\$1.7300	\$1.8000	\$1.6350	\$1.7600	\$1.8100	\$1.6100	\$1.6700	\$1.7500	\$1.5917	\$1.7200	\$1.7867
2/27/20	\$1.5300	\$1.7300	\$1.8000	\$1.7050	\$1.7750	\$1.8450	\$1.6100	\$1.6700	\$1.7500	\$1.6150	\$1.7250	\$1.7983
2/28/20	\$1.5300	\$1.7300	\$1.8000	\$1.6050	\$1.6750	\$1.7200	\$1.6100	\$1.6700	\$1.7500	\$1.5817	\$1.6917	\$1.7567
2/29/20	\$1.5300	\$1.7300	\$1.8000	\$1.6050	\$1.6750	\$1.7200	\$1.6100	\$1.6700	\$1.7500	\$1.5817	\$1.6917	\$1.7567
Avg Rate	\$1.5300	\$1.7300	\$1.8000	\$1.6529	\$1.7581	\$1.8016	\$1.6545	\$1.7503	\$1.7986	\$1.6125	\$1.7461	\$1.8001

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	20,000	\$32,000.00	\$32,249.43	\$249.43	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$249.43	

* 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-20

Sales Amounts

MARGIN

<u>DATA *</u>	<u>SALES</u>	<u>SALES</u>		RECEIPT	DELIVERY			STATE			
<u>STATUS</u>	<u>TYPE **</u>	<u>CATEGORY</u>	<u>SALES ID</u>	<u>FLOW</u>	<u>FLOW</u>	<u>CDC</u>	<u>DELIVERY</u>	<u>OF</u>	<u>VOLUMES</u>	<u>SALES</u>	<u>TOTAL</u>
				<u>DATE</u>	<u>DATE</u>		<u>POINT</u>	<u>SALE</u>	<u>INVOICED</u>	<u>RATE</u>	<u>SALE</u>
									Dth	\$/Dth	\$

NO ACTIVITY

COLUMBIA GAS OF KENTUCKY
Off-System EXCHANGE Activity Report
Feb-20

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
				DATE	DATE		IN TERM	EXPIRED		DELIVERY POINT	ESTIMATED VOLUMES Dth	SALES RATE \$/Dth	ESTIMATED TOTAL SALE \$	ESTIMATED TRANSPORT COST	ESTIMATED TOTAL SALE
E	E	OPP	S0251400	5/1/19	2/1/20	2/1/20	10	10	WV	290000	\$0.2800	\$81,200.00	\$0.00	\$8,120.00	\$8,120.00
E	E	OPP	S0254564	2/1/20	1/1/20	2/1/20	2	2	WV	72,500	\$0.1000	\$7,250.00	\$0.00	\$3,625.00	\$3,625.00
E	E	OPP	S0251401	5/1/19		3/1/20	11	10	WV	310,000	\$0.2800	\$86,800.00	\$0.00	\$7,890.91	\$7,890.91
E	E	OPP	S0254426		1/1/20	5/1/20	5	2	WV	62,000	\$0.0200	\$1,240.00	\$0.00	\$248.00	\$248.00
E	E	OPP	S0254441		1/1/20	5/1/20	5	2	WV	31,000	\$0.0200	\$620.00	\$0.00	\$124.00	\$124.00
E	E	OPP	S0254444		1/1/20	5/1/20	5	2	WV	248,000	\$0.0250	\$6,200.00	\$0.00	\$1,240.00	\$1,240.00
										1,013,500		\$183,310.00		\$21,247.91	\$21,247.91

MARCH 2020

Columbia Gas of Kentucky, Inc.
Monthly Performance Based Rate Calculation
Flow Period: Mar-20

<u>Ln.</u>	<u>PBR Component Description</u>	Mar-20 ESTIMATE	Mar-20 ACTUAL	
1	CPS = (TPBR) x ASP	\$13,887.21	\$13,888.00	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$14,536.78</u>	<u>\$14,442.77</u>	50% of remainder
3	Total Company Performance Share	\$28,423.99	\$28,330.77	
4	TCI (includes Marketed CapR)	\$47,720.07	\$47,720.07	
5	GCI	\$18,053.28	\$17,867.88	
6	OSSI			
	Sales	\$88.00	\$88.00	
	Exch	\$9,502.91 (1)	\$9,502.91	
7	TPBR = (TCI+GCI+OSSI)	\$75,364.26	\$75,178.86	
8	AGC (**Total Gas Cost)	\$2,314,535.18	\$2,314,666.21	
	Sys Supply Purch	\$360,883.25	\$360,883.25	
	Diversified	\$73,935.00 (est)	\$63,389.25 (act)	
	Misc Adjustment	\$0.00	\$0.00	
	Transportation	\$1,879,716.93	\$1,890,393.71	
				tell
9	2% of AGC	\$46,290.70	\$46,293.32	
10	PAC = (TPBR) / AGC	3.26%	3.25%	

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-20

		<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>	<u>Actual</u>
BENCHMARK	(TBTC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60	\$73,289.60
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Max Rate	\$798,832.80	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Max Rate	<u>\$125,550.00</u>	<u>\$125,550.00</u>
			0					\$997,672.40	\$997,672.40
			0			<u>Disc Rate</u>			
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Disc Rate	\$73,289.60	\$73,289.60
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00	\$125,550.00
LESS: Marketed Cap Release		TCO	SST		0	\$0.0000		<u>\$0.00</u>	<u>\$0.00</u>
			0					\$997,672.40	\$997,672.40
Marketed Cap Release		CGT	FTS-1		2,000	\$1.3020		\$2,604.00	\$2,604.00
Marketed Cap Release		CGT	FTS-1		18,700	\$1.0261		\$19,188.07	\$19,188.07
Marketed Cap Release		CGT	FTS-1		3,200	\$1.2400		\$3,968.00	\$3,968.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00	\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00	\$0.00
Marketed Cap Release		CKT	FTS		8,000	\$2.7450		\$21,960.00	\$21,960.00
							Total TCI	\$47,720.07	\$47,720.07

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-20

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)					
3/1/20	\$1.5500	\$1.6600	\$1.7500	\$1.5050	\$1.5650	\$1.6550	\$1.6100	\$1.6700	\$1.7500	\$1.5550	\$1.6317	\$1.7183
3/2/20	\$1.5500	\$1.6600	\$1.7500	\$1.5050	\$1.5650	\$1.6550	\$1.6100	\$1.6700	\$1.7500	\$1.5550	\$1.6317	\$1.7183
3/3/20	\$1.5500	\$1.6600	\$1.7500	\$1.5050	\$1.5700	\$1.6450	\$1.5500	\$1.5900	\$1.7000	\$1.5350	\$1.6067	\$1.6983
3/4/20	\$1.5500	\$1.6600	\$1.7500	\$1.5400	\$1.6300	\$1.7500	\$1.5500	\$1.5900	\$1.7000	\$1.5467	\$1.6267	\$1.7333
3/5/20	\$1.5500	\$1.6600	\$1.7500	\$1.5850	\$1.6450	\$1.7750	\$1.5500	\$1.5900	\$1.7000	\$1.5617	\$1.6317	\$1.7417
3/6/20	\$1.5500	\$1.6600	\$1.7500	\$1.5950	\$1.6400	\$1.7750	\$1.5500	\$1.5900	\$1.7000	\$1.5650	\$1.6300	\$1.7417
3/7/20	\$1.5500	\$1.6600	\$1.7500	\$1.5000	\$1.5400	\$1.6700	\$1.5500	\$1.5900	\$1.7000	\$1.5333	\$1.5967	\$1.7067
3/8/20	\$1.5500	\$1.6600	\$1.7500	\$1.5000	\$1.5400	\$1.6700	\$1.5500	\$1.5900	\$1.7000	\$1.5333	\$1.5967	\$1.7067
3/9/20	\$1.5500	\$1.6600	\$1.7500	\$1.5000	\$1.5400	\$1.6700	\$1.5500	\$1.5900	\$1.7000	\$1.5333	\$1.5967	\$1.7067
3/10/20	\$1.5500	\$1.6600	\$1.7500	\$1.4700	\$1.5050	\$1.6350	\$1.5500	\$1.7900	\$1.8000	\$1.5233	\$1.6517	\$1.7283
3/11/20	\$1.5500	\$1.6600	\$1.7500	\$1.5550	\$1.6250	\$1.7750	\$1.5500	\$1.7900	\$1.8000	\$1.5517	\$1.6917	\$1.7750
3/12/20	\$1.5500	\$1.6600	\$1.7500	\$1.5800	\$1.6700	\$1.8800	\$1.5500	\$1.7900	\$1.8000	\$1.5600	\$1.7067	\$1.8100
3/13/20	\$1.5500	\$1.6600	\$1.7500	\$1.4950	\$1.5650	\$1.7450	\$1.5500	\$1.7900	\$1.8000	\$1.5317	\$1.6717	\$1.7650
3/14/20	\$1.5500	\$1.6600	\$1.7500	\$1.6400	\$1.6700	\$1.8550	\$1.5500	\$1.7900	\$1.8000	\$1.5800	\$1.7067	\$1.8017
3/15/20	\$1.5500	\$1.6600	\$1.7500	\$1.6400	\$1.6700	\$1.8550	\$1.5500	\$1.7900	\$1.8000	\$1.5800	\$1.7067	\$1.8017
3/16/20	\$1.5500	\$1.6600	\$1.7500	\$1.6400	\$1.6700	\$1.8550	\$1.5500	\$1.7900	\$1.8000	\$1.5800	\$1.7067	\$1.8017
3/17/20	\$1.5500	\$1.6600	\$1.7500	\$1.5050	\$1.5800	\$1.7600	\$1.4400	\$1.4800	\$1.6000	\$1.4983	\$1.5733	\$1.7033
3/18/20	\$1.5500	\$1.6600	\$1.7500	\$1.5150	\$1.5700	\$1.7300	\$1.4400	\$1.4800	\$1.6000	\$1.5017	\$1.5700	\$1.6933
3/19/20	\$1.5500	\$1.6600	\$1.7500	\$1.3700	\$1.4200	\$1.5950	\$1.4400	\$1.4800	\$1.6000	\$1.4533	\$1.5200	\$1.6483
3/20/20	\$1.5500	\$1.6600	\$1.7500	\$1.3250	\$1.4100	\$1.5900	\$1.4400	\$1.4800	\$1.6000	\$1.4383	\$1.5167	\$1.6467
3/21/20	\$1.5500	\$1.6600	\$1.7500	\$1.4200	\$1.4850	\$1.5750	\$1.4400	\$1.4800	\$1.6000	\$1.4700	\$1.5417	\$1.6417
3/22/20	\$1.5500	\$1.6600	\$1.7500	\$1.4200	\$1.4850	\$1.5750	\$1.4400	\$1.4800	\$1.6000	\$1.4700	\$1.5417	\$1.6417
3/23/20	\$1.5500	\$1.6600	\$1.7500	\$1.4200	\$1.4850	\$1.5750	\$1.4400	\$1.4800	\$1.6000	\$1.4700	\$1.5417	\$1.6417
3/24/20	\$1.5500	\$1.6600	\$1.7500	\$1.4100	\$1.4550	\$1.5550	\$1.3800	\$1.3700	\$1.5600	\$1.4467	\$1.4950	\$1.6217
3/25/20	\$1.5500	\$1.6600	\$1.7500	\$1.4400	\$1.5050	\$1.6250	\$1.3800	\$1.3700	\$1.5600	\$1.4567	\$1.5117	\$1.6450
3/26/20	\$1.5500	\$1.6600	\$1.7500	\$1.4300	\$1.4950	\$1.6200	\$1.3800	\$1.3700	\$1.5600	\$1.4533	\$1.5083	\$1.6433
3/27/20	\$1.5500	\$1.6600	\$1.7500	\$1.3600	\$1.4200	\$1.5900	\$1.3800	\$1.3700	\$1.5600	\$1.4300	\$1.4833	\$1.6333
3/28/20	\$1.5500	\$1.6600	\$1.7500	\$1.2950	\$1.3450	\$1.5450	\$1.3800	\$1.3700	\$1.5600	\$1.4083	\$1.4583	\$1.6183
3/29/20	\$1.5500	\$1.6600	\$1.7500	\$1.2950	\$1.3450	\$1.5450	\$1.3800	\$1.3700	\$1.5600	\$1.4083	\$1.4583	\$1.6183
3/30/20	\$1.5500	\$1.6600	\$1.7500	\$1.2950	\$1.3450	\$1.5450	\$1.3800	\$1.3700	\$1.5600	\$1.4083	\$1.4583	\$1.6183
3/31/20	\$1.5500	\$1.6600	\$1.7500	\$1.3400	\$1.4150	\$1.5900	\$1.3700	\$1.4400	\$1.4300	\$1.4200	\$1.5050	\$1.5900
Avg Rate	\$1.5500	\$1.6600	\$1.7500	\$1.4708	\$1.5281	\$1.6735	\$1.4848	\$1.5610	\$1.6629	\$1.5019	\$1.5830	\$1.6955

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	112,200	\$153,048.25	\$168,511.13	\$15,462.88
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	124,000	\$207,835.00	\$210,240.00	\$2,405.00
					\$17,867.88

* 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-20

<u>DATA *</u> <u>STATUS</u>	<u>SALES</u> <u>TYPE **</u>	<u>SALES</u> <u>CATEGORY</u>	<u>SALES ID</u>	<u>RECEIPT</u> <u>FLOW</u> <u>DATE</u>	<u>DELIVERY</u> <u>FLOW</u> <u>DATE</u>	<u>CDC</u>	<u>DELIVERY</u> <u>POINT</u>	<u>STATE</u> <u>OF</u> <u>SALE</u>	INVOICED SALES AMOUNTS			ACTUAL AFTER-TAX MARGIN
									<u>VOLUMES</u> <u>INVOICED</u>	<u>SALES</u> <u>RATE</u>	<u>TOTAL</u> <u>SALE</u>	
									Dth	\$/Dth	\$	
I	S	OPP	S0255140	3/1/20	3/1/20		TCO P1042737	WV	8,800	\$1.5850	\$13,948.00	\$88.00
									8,800		\$13,948.00	\$88.00

COLUMBIA GAS OF KENTUCKY
Off-System EXCHANGE Activity Report
Mar-20

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	S0251401	5/1/19	3/1/20	3/1/20	11	11	TCO P1042737	WV	310,000	\$0.2800	\$86,800.00	\$0.00	\$7,890.91	\$7,890.91
E	E	OPP	S0254441		1/1/20	5/1/20	5	3	TCO P1042737	WV	31000	\$0.0200	\$620.00	\$0.00	\$124.00	\$124.00
E	E	OPP	S0254444		1/1/20	5/1/20	5	3	TCO P1042737	WV	248,000	\$0.0250	\$6,200.00	\$0.00	\$1,240.00	\$1,240.00
E	E	OPP	S0254426		1/1/20	5/1/20	5	3	TCO P1042737	WV	62,000	\$0.0200	\$1,240.00	\$0.00	\$248.00	\$248.00
											651,000		\$94,860.00		\$9,502.91	\$9,502.91

APRIL 2020

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

Flow Month: Apr-20

		<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)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Max Rate	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Max Rate	<u>\$125,550.00</u>
			0					\$997,672.40
			0			<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Disc Rate	\$73,289.60
		TCO	80160	SST	190,880	\$4.1850	Demand Vol @ Disc Rate	\$798,832.80
		TCO	81540	SST	30,000	\$4.1850	Demand Vol @ Disc Rate	\$125,550.00
LESS: Marketed Cap Release		TCO	SST		0	\$0.0000		<u>\$0.00</u>
			0					\$997,672.40
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		
Marketed Cap Release		CKT	FTS		0	\$0.0000		

Total TCI \$0.00

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: Apr-20

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)					
4/1/20	\$1.3400	\$1.4200	\$1.5700	\$1.4600	\$1.5400	\$1.6150	\$1.3700	\$1.4400	\$1.4300	\$1.3900	\$1.4667	\$1.5383
4/2/20	\$1.3400	\$1.4200	\$1.5700	\$1.4400	\$1.4700	\$1.5250	\$1.3700	\$1.4400	\$1.4300	\$1.3833	\$1.4433	\$1.5083
4/3/20	\$1.3400	\$1.4200	\$1.5700	\$1.3350	\$1.4000	\$1.4400	\$1.3700	\$1.4400	\$1.4300	\$1.3483	\$1.4200	\$1.4800
4/4/20	\$1.3400	\$1.4200	\$1.5700	\$1.3100	\$1.3700	\$1.3950	\$1.3700	\$1.4400	\$1.4300	\$1.3400	\$1.4100	\$1.4650
4/5/20	\$1.3400	\$1.4200	\$1.5700	\$1.3100	\$1.3700	\$1.3950	\$1.3700	\$1.4400	\$1.4300	\$1.3400	\$1.4100	\$1.4650
4/6/20	\$1.3400	\$1.4200	\$1.5700	\$1.3100	\$1.3700	\$1.3950	\$1.3700	\$1.4400	\$1.4300	\$1.3400	\$1.4100	\$1.4650
4/7/20	\$1.3400	\$1.4200	\$1.5700	\$1.4700	\$1.5500	\$1.6100	\$1.5600	\$1.6200	\$1.6800	\$1.4567	\$1.5300	\$1.6200
4/8/20	\$1.3400	\$1.4200	\$1.5700	\$1.5900	\$1.6800	\$1.7350	\$1.5600	\$1.6200	\$1.6800	\$1.4967	\$1.5733	\$1.6617
4/9/20	\$1.3400	\$1.4200	\$1.5700	\$1.6500	\$1.7050	\$1.7600	\$1.5600	\$1.6200	\$1.6800	\$1.5167	\$1.5817	\$1.6700
4/10/20	\$1.3400	\$1.4200	\$1.5700	\$1.5500	\$1.6150	\$1.6600	\$1.5600	\$1.6200	\$1.6800	\$1.4833	\$1.5517	\$1.6367
4/11/20	\$1.3400	\$1.4200	\$1.5700	\$1.5500	\$1.6150	\$1.6600	\$1.5600	\$1.6200	\$1.6800	\$1.4833	\$1.5517	\$1.6367
4/12/20	\$1.3400	\$1.4200	\$1.5700	\$1.5500	\$1.6150	\$1.6600	\$1.5600	\$1.6200	\$1.6800	\$1.4833	\$1.5517	\$1.6367
4/13/20	\$1.3400	\$1.4200	\$1.5700	\$1.5500	\$1.6150	\$1.6600	\$1.5600	\$1.6200	\$1.6800	\$1.4833	\$1.5517	\$1.6367
4/14/20	\$1.3400	\$1.4200	\$1.5700	\$1.6200	\$1.6700	\$1.7350	\$1.5300	\$1.5800	\$1.6400	\$1.4967	\$1.5567	\$1.6483
4/15/20	\$1.3400	\$1.4200	\$1.5700	\$1.5500	\$1.5800	\$1.6150	\$1.5300	\$1.5800	\$1.6400	\$1.4733	\$1.5267	\$1.6083
4/16/20	\$1.3400	\$1.4200	\$1.5700	\$1.4850	\$1.5200	\$1.5650	\$1.5300	\$1.5800	\$1.6400	\$1.4517	\$1.5067	\$1.5917
4/17/20	\$1.3400	\$1.4200	\$1.5700	\$1.4200	\$1.4600	\$1.4950	\$1.5300	\$1.5800	\$1.6400	\$1.4300	\$1.4867	\$1.5683
4/18/20	\$1.3400	\$1.4200	\$1.5700	\$1.5850	\$1.6200	\$1.6800	\$1.5300	\$1.5800	\$1.6400	\$1.4850	\$1.5400	\$1.6300
4/19/20	\$1.3400	\$1.4200	\$1.5700	\$1.5850	\$1.6200	\$1.6800	\$1.5300	\$1.5800	\$1.6400	\$1.4850	\$1.5400	\$1.6300
4/20/20	\$1.3400	\$1.4200	\$1.5700	\$1.5850	\$1.6200	\$1.6800	\$1.5300	\$1.5800	\$1.6400	\$1.4850	\$1.5400	\$1.6300
4/21/20	\$1.3400	\$1.4200	\$1.5700	\$1.6200	\$1.6500	\$1.7000	\$1.6800	\$1.7000	\$1.7400	\$1.5467	\$1.5900	\$1.6700
4/22/20	\$1.3400	\$1.4200	\$1.5700	\$1.7400	\$1.7650	\$1.8250	\$1.6800	\$1.7000	\$1.7400	\$1.5867	\$1.6283	\$1.7117
4/23/20	\$1.3400	\$1.4200	\$1.5700	\$1.7400	\$1.7600	\$1.8250	\$1.6800	\$1.7000	\$1.7400	\$1.5867	\$1.6267	\$1.7117
4/24/20	\$1.3400	\$1.4200	\$1.5700	\$1.7400	\$1.7650	\$1.8250	\$1.6800	\$1.7000	\$1.7400	\$1.5867	\$1.6283	\$1.7117
4/25/20	\$1.3400	\$1.4200	\$1.5700	\$1.6450	\$1.6850	\$1.7150	\$1.6800	\$1.7000	\$1.7400	\$1.5550	\$1.6017	\$1.6750
4/26/20	\$1.3400	\$1.4200	\$1.5700	\$1.6450	\$1.6850	\$1.7150	\$1.6800	\$1.7000	\$1.7400	\$1.5550	\$1.6017	\$1.6750
4/27/20	\$1.3400	\$1.4200	\$1.5700	\$1.6450	\$1.6850	\$1.7150	\$1.6800	\$1.7000	\$1.7400	\$1.5550	\$1.6017	\$1.6750
4/28/20	\$1.3400	\$1.4200	\$1.5700	\$1.5950	\$1.5650	\$1.5950	\$1.4800	\$1.5400	\$1.6600	\$1.4717	\$1.5083	\$1.6083
4/29/20	\$1.3400	\$1.4200	\$1.5700	\$1.6600	\$1.7000	\$1.7650	\$1.4800	\$1.5400	\$1.6600	\$1.4933	\$1.5533	\$1.6650
4/30/20	\$1.3400	\$1.4200	\$1.5700	\$1.5900	\$1.6500	\$1.6750	\$1.4800	\$1.5400	\$1.6600	\$1.4700	\$1.5367	\$1.6350
Avg Rate	\$1.3400	\$1.4200	\$1.5700	\$1.5508	\$1.5972	\$1.6438	\$1.5350	\$1.5853	\$1.6327	\$1.4753	\$1.5342	\$1.6155

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

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	476,600	\$642,384.25	\$703,117.39	\$60,733.14
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	137,781	\$226,189.19	\$222,585.21	(\$3,603.98)
					\$57,129.15

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Apr-20

<u>DATA *</u> <u>STATUS</u>	<u>SALES</u> <u>TYPE **</u>	<u>SALES</u> <u>CATEGORY</u>	<u>SALES ID</u>	<u>RECEIPT</u> <u>FLOW</u> <u>DATE</u>	<u>DELIVERY</u> <u>FLOW</u> <u>DATE</u>	<u>DELIVERY</u> <u>POINT</u>	INVOICED SALES AMOUNTS			MARGIN
							<u>STATE</u> <u>OF</u> <u>SALE</u>	<u>VOLUMES</u> <u>INVOICED</u>	<u>SALES</u> <u>RATE</u>	
								Dth	\$/Dth	
I	S	OPP	S0255509	4/1/20	4/1/20	TCO P1042737	WV	200	\$1.4975	\$32.00
I	S	OPP	S0255510	4/1/20	4/1/20	TCO P1042737	WV	9,800	\$1.4975	\$1,568.00
I	S	OPP	S0255516	4/1/20	4/1/20	TCO P1042737	WV	13,100	\$1.6850	\$1,834.00
I	S	OPP	S0255451	4/1/20	4/1/20	TCO P1042737	WV	7,500	\$1.4700	\$993.75
								30,600		\$4,427.75

COLUMBIA GAS OF KENTUCKY

Off-System EXCHANGE Activity Report
Apr-20

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	S0254426		1/1/20	5/1/20	5	4	TCO P1042737	WV	62,000	\$0.0200	\$1,240.00	\$0.00	\$248.00	\$248.00
E	E	OPP	S0254441		1/1/20	5/1/20	5	4	TCO P1042737	WV	31,000	\$0.0200	\$620.00	\$0.00	\$124.00	\$124.00
E	E	OPP	S0254444		1/1/20	5/1/20	5	4	TCO P1042737	WV	248,000	\$0.0250	\$6,200.00	\$0.00	\$1,240.00	\$1,240.00
E	E	OPP	S0254217	4/1/20		12/1/20	9	1	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0255283	4/1/20		12/1/20	9	1	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$7,061.11	\$7,061.11
E	E	OPP	S0254218	4/1/20		1/1/21	10	1	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,635.00	\$2,635.00
E	E	OPP	S0255284	4/1/20		1/1/21	10	1	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$6,355.00	\$6,355.00
E	E	OPP	S0254219	4/1/20		2/1/21	11	1	TCO P1042737	WV	70,000	\$0.3400	\$23,800.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0255285	4/1/20		2/1/21	11	1	TCO P1042737	WV	70,000	\$0.8200	\$57,400.00	\$0.00	\$5,218.18	\$5,218.18
E	E	OPP	S0254220	4/1/20		3/1/21	12	1	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,195.83	\$2,195.83
											868,500		\$295,410.00		\$30,168.54	\$30,168.54

MAY 2020

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

Flow Month: May-20

		<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)	Tenn	352234	FTA	16,000	\$0.0000	Demand Vol @ Max Rate	\$0.00
		TCO	80160	SST	104,940	\$0.0000	Demand Vol @ Max Rate	\$0.00
			0					\$0.00
			0			<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$0.0000	Demand Vol @ Disc Rate	\$0.00
		TCO	80160	SST	104,940	\$0.0000	Demand Vol @ Disc Rate	\$0.00
LESS: Marketed Cap Release		TCO	SST		0	\$0.0000		<u>\$0.00</u>
			0					\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
Marketed Cap Release		CKT	FTS		0	\$0.0000		\$0.00
Total TCI								\$0.00

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-20

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)					
5/1/20	\$1.5900	\$1.6500	\$1.7300	\$1.5150	\$1.5650	\$1.6400	\$1.4800	\$1.5400	\$1.6600	\$1.5283	\$1.5850	\$1.6767
5/2/20	\$1.5900	\$1.6500	\$1.7300	\$1.3750	\$1.4600	\$1.6100	\$1.4800	\$1.5400	\$1.6600	\$1.4817	\$1.5500	\$1.6667
5/3/20	\$1.5900	\$1.6500	\$1.7300	\$1.3750	\$1.4600	\$1.6100	\$1.4800	\$1.5400	\$1.6600	\$1.4817	\$1.5500	\$1.6667
5/4/20	\$1.5900	\$1.6500	\$1.7300	\$1.3750	\$1.4600	\$1.6100	\$1.4800	\$1.5400	\$1.6600	\$1.4817	\$1.5500	\$1.6667
5/5/20	\$1.5900	\$1.6500	\$1.7300	\$1.6150	\$1.6500	\$1.7500	\$1.6500	\$1.6900	\$1.7800	\$1.6183	\$1.6633	\$1.7533
5/6/20	\$1.5900	\$1.6500	\$1.7300	\$1.7850	\$1.8850	\$1.9200	\$1.6500	\$1.6900	\$1.7800	\$1.6750	\$1.7417	\$1.8100
5/7/20	\$1.5900	\$1.6500	\$1.7300	\$1.6800	\$1.7700	\$1.8400	\$1.6500	\$1.6900	\$1.7800	\$1.6400	\$1.7033	\$1.7833
5/8/20	\$1.5900	\$1.6500	\$1.7300	\$1.6300	\$1.7250	\$1.7700	\$1.6500	\$1.6900	\$1.7800	\$1.6233	\$1.6883	\$1.7600
5/9/20	\$1.5900	\$1.6500	\$1.7300	\$1.5400	\$1.6250	\$1.6700	\$1.6500	\$1.6900	\$1.7800	\$1.5933	\$1.6550	\$1.7267
5/10/20	\$1.5900	\$1.6500	\$1.7300	\$1.5400	\$1.6250	\$1.6700	\$1.6500	\$1.6900	\$1.7800	\$1.5933	\$1.6550	\$1.7267
5/11/20	\$1.5900	\$1.6500	\$1.7300	\$1.5400	\$1.6250	\$1.6700	\$1.6500	\$1.6900	\$1.7800	\$1.5933	\$1.6550	\$1.7267
5/12/20	\$1.5900	\$1.6500	\$1.7300	\$1.5700	\$1.6050	\$1.6800	\$1.3800	\$1.5000	\$1.5800	\$1.5133	\$1.5850	\$1.6633
5/13/20	\$1.5900	\$1.6500	\$1.7300	\$1.5000	\$1.5300	\$1.6050	\$1.3800	\$1.5000	\$1.5800	\$1.4900	\$1.5600	\$1.6383
5/14/20	\$1.5900	\$1.6500	\$1.7300	\$1.3250	\$1.4200	\$1.5550	\$1.3800	\$1.5000	\$1.5800	\$1.4317	\$1.5233	\$1.6217
5/15/20	\$1.5900	\$1.6500	\$1.7300	\$1.3000	\$1.4400	\$1.5250	\$1.3800	\$1.5000	\$1.5800	\$1.4233	\$1.5300	\$1.6117
5/16/20	\$1.5900	\$1.6500	\$1.7300	\$1.3650	\$1.4900	\$1.5850	\$1.3800	\$1.5000	\$1.5800	\$1.4450	\$1.5467	\$1.6317
5/17/20	\$1.5900	\$1.6500	\$1.7300	\$1.3650	\$1.4900	\$1.5850	\$1.3800	\$1.5000	\$1.5800	\$1.4450	\$1.5467	\$1.6317
5/18/20	\$1.5900	\$1.6500	\$1.7300	\$1.3650	\$1.4900	\$1.5850	\$1.3800	\$1.5000	\$1.5800	\$1.4450	\$1.5467	\$1.6317
5/19/20	\$1.5900	\$1.6500	\$1.7300	\$1.5950	\$1.6200	\$1.6850	\$1.5400	\$1.6200	\$1.6900	\$1.5750	\$1.6300	\$1.7017
5/20/20	\$1.5900	\$1.6500	\$1.7300	\$1.6700	\$1.7000	\$1.7450	\$1.5400	\$1.6200	\$1.6900	\$1.6000	\$1.6567	\$1.7217
5/21/20	\$1.5900	\$1.6500	\$1.7300	\$1.6750	\$1.7050	\$1.7750	\$1.5400	\$1.6200	\$1.6900	\$1.6017	\$1.6583	\$1.7317
5/22/20	\$1.5900	\$1.6500	\$1.7300	\$1.4550	\$1.5550	\$1.6250	\$1.5400	\$1.6200	\$1.6900	\$1.5283	\$1.6083	\$1.6817
5/23/20	\$1.5900	\$1.6500	\$1.7300	\$1.4750	\$1.5550	\$1.6350	\$1.5400	\$1.6200	\$1.6900	\$1.5350	\$1.6083	\$1.6850
5/24/20	\$1.5900	\$1.6500	\$1.7300	\$1.4750	\$1.5550	\$1.6350	\$1.5400	\$1.6200	\$1.6900	\$1.5350	\$1.6083	\$1.6850
5/25/20	\$1.5900	\$1.6500	\$1.7300	\$1.4750	\$1.5550	\$1.6350	\$1.5400	\$1.6200	\$1.6900	\$1.5350	\$1.6083	\$1.6850
5/26/20	\$1.5900	\$1.6500	\$1.7300	\$1.4750	\$1.5550	\$1.6350	\$1.5400	\$1.6200	\$1.6900	\$1.5350	\$1.6083	\$1.6850
5/27/20	\$1.5900	\$1.6500	\$1.7300	\$1.6200	\$1.6650	\$1.7200	\$1.5100	\$1.5900	\$1.6200	\$1.5733	\$1.6350	\$1.6900
5/28/20	\$1.5900	\$1.6500	\$1.7300	\$1.6200	\$1.6700	\$1.7250	\$1.5100	\$1.5900	\$1.6200	\$1.5733	\$1.6367	\$1.6917
5/29/20	\$1.5900	\$1.6500	\$1.7300	\$1.4650	\$1.5850	\$1.6700	\$1.5100	\$1.5900	\$1.6200	\$1.5217	\$1.6083	\$1.6733
5/30/20	\$1.5900	\$1.6500	\$1.7300	\$1.4650	\$1.5850	\$1.6700	\$1.5100	\$1.5900	\$1.6200	\$1.5217	\$1.6083	\$1.6733
5/31/20	\$1.5900	\$1.6500	\$1.7300	\$1.4650	\$1.5850	\$1.6700	\$1.5100	\$1.5900	\$1.6200	\$1.5217	\$1.6083	\$1.6733
Avg Rate	\$1.5900	\$1.6500	\$1.7300	\$1.5061	\$1.5873	\$1.6679	\$1.5161	\$1.5935	\$1.6703	\$1.5374	\$1.6103	\$1.6894

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

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	1,027,256	\$1,583,039.90	\$1,579,323.26	(\$3,716.64)
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	108,500	\$187,433.75	\$183,300.83	(\$4,132.92)
					(\$7,849.56)

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
May-20

SALES AMOUNTS			MARGIN
STATE OF SALE	VOLUMES INVOICED	SALES RATE	

<u>DATA *</u>	<u>SALES TYPE **</u>	<u>SALES CATEGORY</u>	<u>SALES ID</u>	<u>RECEIPT FLOW DATE</u>	<u>DELIVERY FLOW DATE</u>	<u>TOTAL COST</u>	<u>DELIVERY POINT</u>	<u>STATE OF SALE</u>	<u>VOLUMES INVOICED</u>	<u>SALES RATE</u>	<u>MARGIN</u>
						\$			Dth	\$/Dth	
NO ACTIVITY						\$0.00			0		\$0.00

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 May-20

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	TOTAL	MARGIN
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED			DELIVERY POINT	RATE \$/Dth		SALE \$	
E	E	OPP	S0254426	5/1/20	1/1/20	5/1/20	5	5	WV	62,000	\$0.0200	\$1,240.00	\$0.00	\$248.00	\$248.00
E	E	OPP	S0254441	5/1/20	1/1/20	5/1/20	5	5	WV	31,000	\$0.0200	\$620.00	\$0.00	\$124.00	\$124.00
E	E	OPP	S0254444	5/1/20	1/1/20	5/1/20	5	5	WV	248,000	\$0.0250	\$6,200.00	\$0.00	\$1,240.00	\$1,240.00
E	E	OPP	S0255576	5/1/20		8/1/20	4	1	WV	77,500	\$0.2800	\$21,700.00	\$0.00	\$5,425.00	\$5,425.00
E	E	OPP	S0254217	4/1/20		12/1/20	9	2	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0255283	4/1/20		12/1/20	9	2	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$7,061.11	\$7,061.11
E	E	OPP	S0254218	4/1/20		1/1/21	10	2	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,635.00	\$2,635.00
E	E	OPP	S0255284	4/1/20		1/1/21	10	2	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$6,355.00	\$6,355.00
E	E	OPP	S0254219	4/1/20		2/1/21	11	2	WV	70,000	\$0.3400	\$23,800.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0255285	4/1/20		2/1/21	11	2	WV	70,000	\$0.8200	\$57,400.00	\$0.00	\$5,218.18	\$5,218.18
E	E	OPP	S0254220	4/1/20		3/1/21	12	2	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,195.83	\$2,195.83
										946,000		\$317,110.00		\$35,593.54	\$35,593.54

JUNE 2020

Columbia Gas of Kentucky, Inc.

Monthly Performance Based Rate Calculation

Flow Period: Jun-20

<u>Ln.</u>	<u>PBR Component Description</u>	Jun-20 ACTUAL	
1	CPS = (TPBR) x ASP	\$16,578.43	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$43,637.67</u>	50% of remainder
3	Total Company Performance Share	\$60,216.10	
4	TCI (includes Marketed CapR)	\$5,280.00	
5	GCI	\$38,750.02	
6	OSSI		
	Sales	\$603.00	
	Exch	\$97,903.76	
7	TPBR = (TCI+GCI+OSSI)	\$142,536.78	
8	AGC (**Total Gas Cost)	\$2,763,072.42	
	Sys Supply Purch	\$1,421,566.75	
	Core	\$7,280.35	(act)
	Misc Adjustment	\$0.00	
	Transportation	\$1,334,225.32	
			tell
9	2% of AGC	\$55,261.45	
10	PAC = (TPBR) / AGC	5.16%	

Acronyms:

CPS = Company Performance Share

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

**Total Gas Cost = System Supply Purchase + Transportation Costs

(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: Jun-20

		<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)	Tenn	352234	FTA	16,000	\$0.0000	Demand Vol @ Max Rate	\$0.00
		TCO	80160	SST	104,940	\$0.0000	Demand Vol @ Max Rate	<u>\$0.00</u>
			0					\$0.00
			0			<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$0.0000	Demand Vol @ Disc Rate	\$0.00
		TCO	80160	SST	104,940	\$0.0000	Demand Vol @ Disc Rate	\$0.00
		TCO						\$0.00
LESS: Marketed Cap Release		TCO	SST		0	\$0.0000		<u>\$0.00</u>
			0					\$0.00
Marketed Cap Release		CGT	TCO		(40,000)	\$0.1320		\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
Marketed Cap Release		CGT	FTS-1		0	\$0.0000		\$0.00
Marketed Cap Release		CKT	FTS		0	\$0.0000		\$0.00
Total TCI								\$0.00

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-20

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)					
6/1/20	\$1.4700	\$1.5500	\$1.6500	\$1.4400	\$1.4800	\$1.5200	\$1.5100	\$1.5900	\$1.6200	\$1.4733	\$1.5400	\$1.5967
6/2/20	\$1.4700	\$1.5500	\$1.6500	\$1.3600	\$1.4050	\$1.5250	\$1.4600	\$1.5200	\$1.6600	\$1.4300	\$1.4917	\$1.6117
6/3/20	\$1.4700	\$1.5500	\$1.6500	\$1.4350	\$1.4500	\$1.5950	\$1.4600	\$1.5200	\$1.6600	\$1.4550	\$1.5067	\$1.6350
6/4/20	\$1.4700	\$1.5500	\$1.6500	\$1.5550	\$1.6550	\$1.7300	\$1.4600	\$1.5200	\$1.6600	\$1.4950	\$1.5750	\$1.6800
6/5/20	\$1.4700	\$1.5500	\$1.6500	\$1.5050	\$1.6050	\$1.6700	\$1.4600	\$1.5200	\$1.6600	\$1.4783	\$1.5583	\$1.6600
6/6/20	\$1.4700	\$1.5500	\$1.6500	\$1.4200	\$1.5300	\$1.6400	\$1.4600	\$1.5200	\$1.6600	\$1.4500	\$1.5333	\$1.6500
6/7/20	\$1.4700	\$1.5500	\$1.6500	\$1.4200	\$1.5300	\$1.6400	\$1.4600	\$1.5200	\$1.6600	\$1.4500	\$1.5333	\$1.6500
6/8/20	\$1.4700	\$1.5500	\$1.6500	\$1.4200	\$1.5300	\$1.6400	\$1.4600	\$1.5200	\$1.6600	\$1.4500	\$1.5333	\$1.6500
6/9/20	\$1.4700	\$1.5500	\$1.6500	\$1.4850	\$1.5300	\$1.6500	\$1.4100	\$1.5200	\$1.5900	\$1.4550	\$1.5333	\$1.6300
6/10/20	\$1.4700	\$1.5500	\$1.6500	\$1.5000	\$1.5700	\$1.6550	\$1.4100	\$1.5200	\$1.5900	\$1.4600	\$1.5467	\$1.6317
6/11/20	\$1.4700	\$1.5500	\$1.6500	\$1.5150	\$1.5950	\$1.6850	\$1.4100	\$1.5200	\$1.5900	\$1.4650	\$1.5550	\$1.6417
6/12/20	\$1.4700	\$1.5500	\$1.6500	\$1.4450	\$1.5700	\$1.6550	\$1.4100	\$1.5200	\$1.5900	\$1.4417	\$1.5467	\$1.6317
6/13/20	\$1.4700	\$1.5500	\$1.6500	\$1.3250	\$1.4650	\$1.5250	\$1.4100	\$1.5200	\$1.5900	\$1.4017	\$1.5117	\$1.5883
6/14/20	\$1.4700	\$1.5500	\$1.6500	\$1.3250	\$1.4650	\$1.5250	\$1.4100	\$1.5200	\$1.5900	\$1.4017	\$1.5117	\$1.5883
6/15/20	\$1.4700	\$1.5500	\$1.6500	\$1.3250	\$1.4650	\$1.5250	\$1.4100	\$1.5200	\$1.5900	\$1.4017	\$1.5117	\$1.5883
6/16/20	\$1.4700	\$1.5500	\$1.6500	\$1.2350	\$1.3700	\$1.4500	\$1.3100	\$1.3700	\$1.4500	\$1.3383	\$1.4300	\$1.5167
6/17/20	\$1.4700	\$1.5500	\$1.6500	\$1.2350	\$1.2850	\$1.3250	\$1.3100	\$1.3700	\$1.4500	\$1.3383	\$1.4017	\$1.4750
6/18/20	\$1.4700	\$1.5500	\$1.6500	\$1.3450	\$1.4000	\$1.4600	\$1.3100	\$1.3700	\$1.4500	\$1.3750	\$1.4400	\$1.5200
6/19/20	\$1.4700	\$1.5500	\$1.6500	\$1.3650	\$1.3900	\$1.4400	\$1.3100	\$1.3700	\$1.4500	\$1.3817	\$1.4367	\$1.5133
6/20/20	\$1.4700	\$1.5500	\$1.6500	\$1.3650	\$1.3850	\$1.4750	\$1.3100	\$1.3700	\$1.4500	\$1.3817	\$1.4350	\$1.5250
6/21/20	\$1.4700	\$1.5500	\$1.6500	\$1.3650	\$1.3850	\$1.4750	\$1.3100	\$1.3700	\$1.4500	\$1.3817	\$1.4350	\$1.5250
6/22/20	\$1.4700	\$1.5500	\$1.6500	\$1.3650	\$1.3850	\$1.4750	\$1.3100	\$1.3700	\$1.4500	\$1.3817	\$1.4350	\$1.5250
6/23/20	\$1.4700	\$1.5500	\$1.6500	\$1.5000	\$1.5100	\$1.5950	\$1.4100	\$1.4600	\$1.4500	\$1.4600	\$1.5067	\$1.5650
6/24/20	\$1.4700	\$1.5500	\$1.6500	\$1.4750	\$1.4850	\$1.5550	\$1.4100	\$1.4600	\$1.4500	\$1.4517	\$1.4983	\$1.5517
6/25/20	\$1.4700	\$1.5500	\$1.6500	\$1.4750	\$1.5000	\$1.5500	\$1.4100	\$1.4600	\$1.4500	\$1.4517	\$1.5033	\$1.5500
6/26/20	\$1.4700	\$1.5500	\$1.6500	\$1.3200	\$1.3900	\$1.4550	\$1.4100	\$1.4600	\$1.4500	\$1.4000	\$1.4667	\$1.5183
6/27/20	\$1.4700	\$1.5500	\$1.6500	\$1.2950	\$1.3450	\$1.4200	\$1.4100	\$1.4600	\$1.4500	\$1.3917	\$1.4517	\$1.5067
6/28/20	\$1.4700	\$1.5500	\$1.6500	\$1.2950	\$1.3450	\$1.4200	\$1.4100	\$1.4600	\$1.4500	\$1.3917	\$1.4517	\$1.5067
6/29/20	\$1.4700	\$1.5500	\$1.6500	\$1.2950	\$1.3450	\$1.4200	\$1.4100	\$1.4600	\$1.4500	\$1.3917	\$1.4517	\$1.5067
6/30/20	\$1.4700	\$1.5500	\$1.6500	\$1.5300	\$1.5750	\$1.6550	\$1.5200	\$1.5100	\$1.5600	\$1.5067	\$1.5450	\$1.6217
Avg Rate	\$1.4700	\$1.5500	\$1.6500	\$1.3978	\$1.4647	\$1.5450	\$1.4053	\$1.4730	\$1.5410	\$1.4244	\$1.4959	\$1.5787

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

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	942,100	\$1,305,879.25	\$1,341,916.77	\$36,037.52
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	75,000	\$115,687.50	\$118,400.00	\$2,712.50
					\$38,750.02

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Jun-20

DATA * STATUS	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	INVOICED SALES AMOUNTS			MARGIN
							STATE OF SALE	VOLUMES INVOICED	SALES RATE	
								Dth	\$/Dth	
I	S	OPP	S0255746	6/1/20	6/1/20	TCO P1042737	WV	10,000	\$1.4700	\$50.00
I	S	OPP	S0255747	6/1/20	6/1/20	TCO P1042737	WV	5,000	\$1.4700	\$25.00
I	S	OPP	S0255754	6/1/20	6/1/20	TCO P1042737	WV	2,400	\$1.4975	\$78.00
I	S	OPP	S0255951	6/1/20	6/1/20	TCO P1042737	WV	18,000	\$1.5775	\$450.00
								35,400		\$603.00

COLUMBIA GAS OF KENTUCKY

Off-System EXCHANGE Activity Report
Jun-20

															SALES AMOUNTS		
															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	S0255576	5/1/20		8/1/20	4	2	TCO P1042737	WV	77,500	\$0.2800	\$21,700.00	\$0.00	\$5,425.00	\$5,425.00	
E	E	OPP	S0255283	4/1/20		12/1/20	9	3	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$7,061.11	\$7,061.11	
E	E	OPP	S0255831	6/1/20		12/1/20	7	1	TCO P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$24,800.00	\$24,800.00	
E	E	OPP	S0254217	4/1/20		12/1/20	9	3	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78	
E	E	OPP	S0255284	4/1/20		1/1/21	10	3	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$6,355.00	\$6,355.00	
E	E	OPP	S0255832	6/1/20		1/1/21	8	1	TCO P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$21,700.00	\$21,700.00	
E	E	OPP	S0254218	4/1/20		1/1/21	10	3	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,635.00	\$2,635.00	
E	E	OPP	S0254219	4/1/20		2/1/21	11	3	TCO P1042737	WV	70000	\$0.3400	\$23,800.00	\$0.00	\$2,163.64	\$2,163.64	
E	E	OPP	S0255285	4/1/20		2/1/21	11	3	TCO P1042737	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	9	1	TCO P1042737	WV	140,000	\$1.1200	\$156,800.00	\$0.00	\$17,422.22	\$17,422.22	
E	E	OPP	S0254220	4/1/20		3/1/21	12	3	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,195.83	\$2,195.83	
											1,055,000		\$813,050.00		\$97,903.76	\$97,903.76	

JULY 2020

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

Flow Month: Jul-20

		<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)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	104,940	\$4.1850	Demand Vol @ Max Rate	\$132,644.16
							Benchmark Cost	\$205,933.76
			0					
			0			<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Disc Rate	\$73,289.60
		TCO	80160	SST	104,940	\$4.1850	Demand Vol @ Disc Rate	\$113,335.20
							CKY Negotiated Cost	\$186,624.80
			0					
						TCI Negotiated Contract Revenue	\$19,308.96	
Marketed Cap Release		TCO	SST		30,000	\$0.3410		\$10,230.00
Marketed Cap Release		TCO	FTS		0	\$0.0000		\$0.00
Marketed Cap Release		TGP	FTA		0	\$0.0000		\$0.00
Marketed Cap Release		CKT	FTS		0	\$0.0000		\$0.00
							TCI Marketed Capacity Release Revenue	\$10,230.00
							Total TCI	\$29,538.96

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Jul-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.951	\$5.939	17.04%	\$4.898
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-20

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)					
7/1/20	\$1.2600	\$1.3300	\$1.4200	\$1.5200	\$1.5500	\$1.6400	\$1.5200	\$1.5100	\$1.5600	\$1.4333	\$1.4633	\$1.5400
7/2/20	\$1.2600	\$1.3300	\$1.4200	\$1.4200	\$1.4700	\$1.5500	\$1.5200	\$1.5100	\$1.5600	\$1.4000	\$1.4367	\$1.5100
7/3/20	\$1.2600	\$1.3300	\$1.4200	\$1.4400	\$1.4800	\$1.5500	\$1.5200	\$1.5100	\$1.5600	\$1.4067	\$1.4400	\$1.5100
7/4/20	\$1.2600	\$1.3300	\$1.4200	\$1.4400	\$1.4800	\$1.5500	\$1.5200	\$1.5100	\$1.5600	\$1.4067	\$1.4400	\$1.5100
7/5/20	\$1.2600	\$1.3300	\$1.4200	\$1.4400	\$1.4800	\$1.5500	\$1.5200	\$1.5100	\$1.5600	\$1.4067	\$1.4400	\$1.5100
7/6/20	\$1.2600	\$1.3300	\$1.4200	\$1.4400	\$1.4800	\$1.5500	\$1.5200	\$1.5100	\$1.5600	\$1.4067	\$1.4400	\$1.5100
7/7/20	\$1.2600	\$1.3300	\$1.4200	\$1.5650	\$1.6050	\$1.6700	\$1.6700	\$1.7200	\$1.7500	\$1.4983	\$1.5517	\$1.6133
7/8/20	\$1.2600	\$1.3300	\$1.4200	\$1.7250	\$1.7250	\$1.7650	\$1.6700	\$1.7200	\$1.7500	\$1.5517	\$1.5917	\$1.6450
7/9/20	\$1.2600	\$1.3300	\$1.4200	\$1.6950	\$1.7400	\$1.7750	\$1.6700	\$1.7200	\$1.7500	\$1.5417	\$1.5967	\$1.6483
7/10/20	\$1.2600	\$1.3300	\$1.4200	\$1.6700	\$1.7550	\$1.7900	\$1.6700	\$1.7200	\$1.7500	\$1.5333	\$1.6017	\$1.6533
7/11/20	\$1.2600	\$1.3300	\$1.4200	\$1.6650	\$1.7100	\$1.7550	\$1.6700	\$1.7200	\$1.7500	\$1.5317	\$1.5867	\$1.6417
7/12/20	\$1.2600	\$1.3300	\$1.4200	\$1.6650	\$1.7100	\$1.7550	\$1.6700	\$1.7200	\$1.7500	\$1.5317	\$1.5867	\$1.6417
7/13/20	\$1.2600	\$1.3300	\$1.4200	\$1.6650	\$1.7100	\$1.7550	\$1.6700	\$1.7200	\$1.7500	\$1.5317	\$1.5867	\$1.6417
7/14/20	\$1.2600	\$1.3300	\$1.4200	\$1.5850	\$1.6600	\$1.7600	\$1.5500	\$1.6400	\$1.7200	\$1.4650	\$1.5433	\$1.6333
7/15/20	\$1.2600	\$1.3300	\$1.4200	\$1.5350	\$1.6150	\$1.7150	\$1.5500	\$1.6400	\$1.7200	\$1.4483	\$1.5283	\$1.6183
7/16/20	\$1.2600	\$1.3300	\$1.4200	\$1.5450	\$1.6300	\$1.7150	\$1.5500	\$1.6400	\$1.7200	\$1.4517	\$1.5333	\$1.6183
7/17/20	\$1.2600	\$1.3300	\$1.4200	\$1.5550	\$1.6400	\$1.7250	\$1.5500	\$1.6400	\$1.7200	\$1.4550	\$1.5367	\$1.6217
7/18/20	\$1.2600	\$1.3300	\$1.4200	\$1.5400	\$1.6350	\$1.7050	\$1.5500	\$1.6400	\$1.7200	\$1.4500	\$1.5350	\$1.6150
7/19/20	\$1.2600	\$1.3300	\$1.4200	\$1.5400	\$1.6350	\$1.7050	\$1.5500	\$1.6400	\$1.7200	\$1.4500	\$1.5350	\$1.6150
7/20/20	\$1.2600	\$1.3300	\$1.4200	\$1.5400	\$1.6350	\$1.7050	\$1.5500	\$1.6400	\$1.7200	\$1.4500	\$1.5350	\$1.6150
7/21/20	\$1.2600	\$1.3300	\$1.4200	\$1.4750	\$1.5300	\$1.6200	\$1.5000	\$1.5700	\$1.7100	\$1.4117	\$1.4767	\$1.5833
7/22/20	\$1.2600	\$1.3300	\$1.4200	\$1.5000	\$1.5550	\$1.6450	\$1.5000	\$1.5700	\$1.7100	\$1.4200	\$1.4850	\$1.5917
7/23/20	\$1.2600	\$1.3300	\$1.4200	\$1.4600	\$1.5450	\$1.6400	\$1.5000	\$1.5700	\$1.7100	\$1.4067	\$1.4817	\$1.5900
7/24/20	\$1.2600	\$1.3300	\$1.4200	\$1.4750	\$1.5550	\$1.6800	\$1.5000	\$1.5700	\$1.7100	\$1.4117	\$1.4850	\$1.6033
7/25/20	\$1.2600	\$1.3300	\$1.4200	\$1.5350	\$1.5900	\$1.7350	\$1.5000	\$1.5700	\$1.7100	\$1.4317	\$1.4967	\$1.6217
7/26/20	\$1.2600	\$1.3300	\$1.4200	\$1.5350	\$1.5900	\$1.7350	\$1.5000	\$1.5700	\$1.7100	\$1.4317	\$1.4967	\$1.6217
7/27/20	\$1.2600	\$1.3300	\$1.4200	\$1.5350	\$1.5900	\$1.7350	\$1.5000	\$1.5700	\$1.7100	\$1.4317	\$1.4967	\$1.6217
7/28/20	\$1.2600	\$1.3300	\$1.4200	\$1.5900	\$1.6250	\$1.7100	\$1.5500	\$1.5900	\$1.7400	\$1.4667	\$1.5150	\$1.6233
7/29/20	\$1.2600	\$1.3300	\$1.4200	\$1.5700	\$1.6250	\$1.7450	\$1.5500	\$1.5900	\$1.7400	\$1.4600	\$1.5150	\$1.6350
7/30/20	\$1.2600	\$1.3300	\$1.4200	\$1.6050	\$1.6850	\$1.7600	\$1.5500	\$1.5900	\$1.7400	\$1.4717	\$1.5350	\$1.6400
7/31/20	\$1.2600	\$1.3300	\$1.4200	\$1.5600	\$1.6500	\$1.7650	\$1.5500	\$1.5900	\$1.7400	\$1.4567	\$1.5233	\$1.6417
Avg Rate	\$1.2600	\$1.3300	\$1.4200	\$1.5494	\$1.6092	\$1.6921	\$1.5600	\$1.6106	\$1.6961	\$1.4565	\$1.5166	\$1.6027

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	1,651,900	\$2,357,800.25	\$2,405,912.42	\$48,112.17	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$48,112.17	

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Jul-20

DATA * STATUS	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	INVOICED SALES AMOUNTS			MARGIN
							STATE OF SALE	Sales Amounts		
								VOLUMES INVOICED	SALES RATE	
							Dth	\$/Dth		
I	S	OPP	S0255980	7/1/20	7/1/20	TCO P1042737	WV	5,000	\$1.5750	\$62.50
I	S	OPP	S0255981	7/1/20	7/1/20	TCO P1042737	WV	5,000	\$1.5750	\$62.50
I	S	OPP	S0256144	7/1/20	7/1/20	TCO P1042737	WV	1,400	\$1.5800	\$9.25
I	S	OPP	S0256150	7/1/20	7/1/20	TCO P1042737	WV	9,000	\$1.6500	\$395.01
								20,400		\$529.26

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Jul-20

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	TOTAL	MARGIN
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED			DELIVERY POINT	RATE \$/Dth		SALE \$	
E	E	OPP	S0255576	5/1/20		8/1/20	4	3	WV	77,500	\$0.2800	\$21,700.00	\$0.00	\$5,425.00	\$5,425.00
E	E	OPP	S0254217	4/1/20		12/1/20	9	4	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0255283	4/1/20		12/1/20	9	4	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$7,061.11	\$7,061.11
E	E	OPP	S0255831	6/1/20		12/1/20	7	2	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$24,800.00	\$24,800.00
E	E	OPP	S0255832	6/1/20		1/1/21	8	2	WV	155000	\$1.1200	\$173,600.00	\$0.00	\$21,700.00	\$21,700.00
E	E	OPP	S0254218	4/1/20		1/1/21	10	4	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,635.00	\$2,635.00
E	E	OPP	S0255284	4/1/20		1/1/21	10	4	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$6,355.00	\$6,355.00
E	E	OPP	S0255833	6/1/20		2/1/21	9	2	WV	140,000	\$1.1200	\$156,800.00	\$0.00	\$17,422.22	\$17,422.22
E	E	OPP	S0254219	4/1/20		2/1/21	11	4	WV	70,000	\$0.3400	\$23,800.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0255285	4/1/20		2/1/21	11	4	WV	70,000	\$0.8200	\$57,400.00	\$0.00	\$5,218.18	\$5,218.18
E	E	OPP	S0254220	4/1/20		3/1/21	12	4	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,195.83	\$2,195.83
										1,055,000		\$813,050.00		\$97,903.76	\$97,903.76

AUGUST 2020

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

Flow Month: Aug-20

		<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)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	104,940	\$4.8558	Demand Vol @ Max Rate	<u>\$509,567.65</u>
							Benchmark Cost	\$582,857.25
			0					
			0			<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Disc Rate	\$73,289.60
		TCO	80160	SST	104,940	\$4.1850	Demand Vol @ Disc Rate	\$439,173.90
							CKY Negotiated Cost	\$512,463.50
							TCI Negotiated Contract Revenue	<u>\$70,393.75</u>
								\$1,095,320.75
			0					
Marketed Cap Release		TCO	SST		20,500	\$0.0000		\$7,440.00
Marketed Cap Release		TCO	FTS		0	\$0.0000		\$0.00
Marketed Cap Release		TGP	FTA		0	\$0.0000		\$0.00
Marketed Cap Release		CKT	FTS		0	\$0.0000		\$0.00
							TCI Marketed Capacity Release Revenue	\$7,440.00
							Total TCI	\$77,833.75

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Aug-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.891	\$5.939	16.03%	<u>\$4.8558</u>
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-20

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)					
8/1/20	\$1.6300	\$1.7100	\$1.8000	\$1.4800	\$1.5500	\$1.7500	\$1.5500	\$1.5900	\$1.7400	\$1.5533	\$1.6167	\$1.7633
8/2/20	\$1.6300	\$1.7100	\$1.8000	\$1.4800	\$1.5500	\$1.7500	\$1.5500	\$1.5900	\$1.7400	\$1.5533	\$1.6167	\$1.7633
8/3/20	\$1.6300	\$1.7100	\$1.8000	\$1.4800	\$1.5500	\$1.7500	\$1.5500	\$1.5900	\$1.7400	\$1.5533	\$1.6167	\$1.7633
8/4/20	\$1.6300	\$1.7100	\$1.8000	\$1.6050	\$1.7800	\$1.9450	\$1.7000	\$1.9200	\$2.0900	\$1.6450	\$1.8033	\$1.9450
8/5/20	\$1.6300	\$1.7100	\$1.8000	\$1.7300	\$1.8550	\$2.0550	\$1.7000	\$1.9200	\$2.0900	\$1.6867	\$1.8283	\$1.9817
8/6/20	\$1.6300	\$1.7100	\$1.8000	\$1.7750	\$1.9700	\$2.1650	\$1.7000	\$1.9200	\$2.0900	\$1.7017	\$1.8667	\$2.0183
8/7/20	\$1.6300	\$1.7100	\$1.8000	\$1.6650	\$1.9100	\$2.1650	\$1.7000	\$1.9200	\$2.0900	\$1.6650	\$1.8467	\$2.0183
8/8/20	\$1.6300	\$1.7100	\$1.8000	\$1.5950	\$1.9400	\$2.1350	\$1.7000	\$1.9200	\$2.0900	\$1.6417	\$1.8567	\$2.0083
8/9/20	\$1.6300	\$1.7100	\$1.8000	\$1.5950	\$1.9400	\$2.1350	\$1.7000	\$1.9200	\$2.0900	\$1.6417	\$1.8567	\$2.0083
8/10/20	\$1.6300	\$1.7100	\$1.8000	\$1.5950	\$1.9400	\$2.1350	\$1.7000	\$1.9200	\$2.0900	\$1.6417	\$1.8567	\$2.0083
8/11/20	\$1.6300	\$1.7100	\$1.8000	\$1.8000	\$2.0150	\$2.1600	\$1.8800	\$2.0600	\$2.1800	\$1.7700	\$1.9283	\$2.0467
8/12/20	\$1.6300	\$1.7100	\$1.8000	\$1.8850	\$2.0050	\$2.1500	\$1.8800	\$2.0600	\$2.1800	\$1.7983	\$1.9250	\$2.0433
8/13/20	\$1.6300	\$1.7100	\$1.8000	\$1.8100	\$1.9600	\$2.0550	\$1.8800	\$2.0600	\$2.1800	\$1.7733	\$1.9100	\$2.0117
8/14/20	\$1.6300	\$1.7100	\$1.8000	\$1.8900	\$2.0050	\$2.1000	\$1.8800	\$2.0600	\$2.1800	\$1.8000	\$1.9250	\$2.0267
8/15/20	\$1.6300	\$1.7100	\$1.8000	\$1.9350	\$2.1050	\$2.2150	\$1.8800	\$2.0600	\$2.1800	\$1.8150	\$1.9583	\$2.0650
8/16/20	\$1.6300	\$1.7100	\$1.8000	\$1.9350	\$2.1050	\$2.2150	\$1.8800	\$2.0600	\$2.1800	\$1.8150	\$1.9583	\$2.0650
8/17/20	\$1.6300	\$1.7100	\$1.8000	\$1.9350	\$2.1050	\$2.2150	\$1.8800	\$2.0600	\$2.1800	\$1.8150	\$1.9583	\$2.0650
8/18/20	\$1.6300	\$1.7100	\$1.8000	\$1.6800	\$2.1450	\$2.2900	\$1.5100	\$2.1600	\$2.3200	\$1.6067	\$2.0050	\$2.1367
8/19/20	\$1.6300	\$1.7100	\$1.8000	\$1.6800	\$2.2400	\$2.3600	\$1.5100	\$2.1600	\$2.3200	\$1.6067	\$2.0367	\$2.1600
8/20/20	\$1.6300	\$1.7100	\$1.8000	\$1.2000	\$2.2350	\$2.3550	\$1.5100	\$2.1600	\$2.3200	\$1.4467	\$2.0350	\$2.1583
8/21/20	\$1.6300	\$1.7100	\$1.8000	\$1.2200	\$2.2100	\$2.3150	\$1.5100	\$2.1600	\$2.3200	\$1.4533	\$2.0267	\$2.1450
8/22/20	\$1.6300	\$1.7100	\$1.8000	\$1.6550	\$2.1200	\$2.2500	\$1.5100	\$2.1600	\$2.3200	\$1.5983	\$1.9967	\$2.1233
8/23/20	\$1.6300	\$1.7100	\$1.8000	\$1.6550	\$2.1200	\$2.2500	\$1.5100	\$2.1600	\$2.3200	\$1.5983	\$1.9967	\$2.1233
8/24/20	\$1.6300	\$1.7100	\$1.8000	\$1.6550	\$2.1200	\$2.2500	\$1.5100	\$2.1600	\$2.3200	\$1.5983	\$1.9967	\$2.1233
8/25/20	\$1.6300	\$1.7100	\$1.8000	\$1.9950	\$2.3500	\$2.4800	\$1.6000	\$2.1600	\$2.4900	\$1.7417	\$2.0733	\$2.2567
8/26/20	\$1.6300	\$1.7100	\$1.8000	\$1.9650	\$2.2450	\$2.4600	\$1.6000	\$2.1600	\$2.4900	\$1.7317	\$2.0383	\$2.2500
8/27/20	\$1.6300	\$1.7100	\$1.8000	\$1.9250	\$2.0950	\$2.4850	\$1.6000	\$2.1600	\$2.4900	\$1.7183	\$1.9883	\$2.2583
8/28/20	\$1.6300	\$1.7100	\$1.8000	\$1.4150	\$2.1250	\$2.5400	\$1.6000	\$2.1600	\$2.4900	\$1.5483	\$1.9983	\$2.2767
8/29/20	\$1.6300	\$1.7100	\$1.8000	\$1.5200	\$2.0400	\$2.4900	\$1.6000	\$2.1600	\$2.4900	\$1.5833	\$1.9700	\$2.2600
8/30/20	\$1.6300	\$1.7100	\$1.8000	\$1.5200	\$2.0400	\$2.4900	\$1.6000	\$2.1600	\$2.4900	\$1.5833	\$1.9700	\$2.2600
8/31/20	\$1.6300	\$1.7100	\$1.8000	\$1.5200	\$2.0400	\$2.4900	\$1.6000	\$2.1600	\$2.4900	\$1.5833	\$1.9700	\$2.2600
Avg Rate	\$1.6300	\$1.7100	\$1.8000	\$1.6708	\$2.0132	\$2.2129	\$1.6606	\$2.0281	\$2.2187	\$1.6538	\$1.9171	\$2.0772

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	1,734,200	\$2,825,111.75	\$2,868,049.80	\$42,938.05	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$42,938.05	

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Aug-20

INVOICED SALES AMOUNTS		
Sales Amounts		MARGIN

<u>DATA *</u>	<u>SALES</u>	<u>SALES</u>	<u>RECEIPT</u>	<u>DELIVERY</u>	<u>DELIVERY</u>	<u>STATE</u>
<u>STATUS</u>	<u>TYPE **</u>	<u>CATEGORY</u>	<u>FLOW</u>	<u>FLOW</u>	<u>POINT</u>	<u>OF</u>
			<u>DATE</u>	<u>DATE</u>		<u>SALE</u>
			(1)	(2)	(3)	(16)

<u>VOLUMES</u>	<u>SALES</u>
<u>INVOICED</u>	<u>RATE</u>
(17 A)	(18 A)
Dth	\$/Dth

No Activity

0

\$0.00

COLUMBIA GAS OF KENTUCKY
Off-System EXCHANGE Activity Report
Aug-20

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	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
E	E	OPP	S0255576	5/1/20	8/1/20	8/1/20	4	4	TCO P1042737	WV	77,500	\$0.2800	\$21,700.00	\$0.00	\$5,425.00	\$5,425.00
E	E	OPP	S0254217	4/1/20		12/1/20	9	5	TCO P1042737	WV	77500	\$0.3400	\$26,350.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0255283	4/1/20		12/1/20	9	5	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$7,061.11	\$7,061.11
E	E	OPP	S0255831	6/1/20		12/1/20	7	3	TCO P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$24,800.00	\$24,800.00
E	E	OPP	S0254218	4/1/20		1/1/21	10	5	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,635.00	\$2,635.00
E	E	OPP	S0255284	4/1/20		1/1/21	10	5	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$6,355.00	\$6,355.00
E	E	OPP	S0255832	6/1/20		1/1/21	8	3	TCO P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$21,700.00	\$21,700.00
E	E	OPP	S0254219	4/1/20		2/1/21	11	5	TCO P1042737	WV	70,000	\$0.3400	\$23,800.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0255285	4/1/20		2/1/21	11	5	TCO P1042737	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	9	3	TCO P1042737	WV	140,000	\$1.1200	\$156,800.00	\$0.00	\$17,422.22	\$17,422.22
E	E	OPP	S0254220	4/1/20		3/1/21	12	5	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$2,195.83	\$2,195.83
											1,055,000		\$813,050.00		\$97,903.76	\$97,903.76

SEPTEMBER 2020

Columbia Gas of Kentucky, Inc.

Monthly Performance Based Rate Calculation

Flow Period: Sep-20

<u>Ln.</u>	<u>PBR Component Description</u>	<u>Sep-20</u> <u>ACTUAL</u>	
1	CPS = (TPBR) x ASP	\$16,385.23	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$143,428.03</u>	50% of remainder
3	Total Company Performance Share	\$159,813.26	
4	TCI (includes Marketed CapR)	\$118,708.75	
5	GCI	\$31,932.20	
6	OSSI		
	Sales	\$5,270.45	
	Exch	\$185,562.09	
7	TPBR = (TCI+GCI+OSSI)	\$341,473.49	
8	AGC (**Total Gas Cost)	\$2,730,871.85	
	Sys Supply Purch	\$1,446,254.00	
	Core	\$5,409.60 (act)	
	Misc Adjustment	\$0.00	
	Transportation	\$1,279,208.25	
			tell
9	2% of AGC	\$54,617.44	
10	PAC = (TPBR) / AGC	12.50%	

Acronyms:

CPS = Company Performance Share

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

**Total Gas Cost = System Supply Purchase + Transportation Costs

(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: Sep-20

		<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)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	104,940	\$4.8558	Demand Vol @ Max Rate	\$509,567.65
							Benchmark Cost	\$582,857.25
			0					
			0			<u>Disc Rate</u>		
CKY COST	(TATC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	104,940	\$4.1850	Demand Vol @ Max Rate	\$439,173.90
							Benchmark Cost	\$512,463.50
							TCI Negotiated Contract Revenue	\$70,393.75
								\$1,095,320.75
			0					
Marketed Cap Release		TCO	SST		35,000	\$1.3804		\$48,315.00
Marketed Cap Release		TCO	FTS		0	\$0.0000		
Marketed Cap Release		TGP	FTA		0	\$0.0000		
Marketed Cap Release		CKT	FTS		0	\$0.0000		

Total TCI **\$118,708.75**

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Sep-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.891	\$5.939	16.03%	\$4.8558
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-20

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)					
9/1/20	\$1.7000	\$2.3300	\$2.5000	\$1.3450	\$1.9500	\$2.2400	\$1.5000	\$1.7700	\$2.0700	\$1.5150	\$2.0167	\$2.2700
9/2/20	\$1.7000	\$2.3300	\$2.5000	\$1.2800	\$2.0550	\$2.2850	\$1.5000	\$1.7700	\$2.0700	\$1.4933	\$2.0517	\$2.2850
9/3/20	\$1.7000	\$2.3300	\$2.5000	\$1.6500	\$2.1000	\$2.3300	\$1.5000	\$1.7700	\$2.0700	\$1.6167	\$2.0667	\$2.3000
9/4/20	\$1.7000	\$2.3300	\$2.5000	\$1.7350	\$2.0900	\$2.3700	\$1.5000	\$1.7700	\$2.0700	\$1.6450	\$2.0633	\$2.3133
9/5/20	\$1.7000	\$2.3300	\$2.5000	\$1.5000	\$1.6650	\$1.9800	\$1.5000	\$1.7700	\$2.0700	\$1.5667	\$1.9217	\$2.1833
9/6/20	\$1.7000	\$2.3300	\$2.5000	\$1.5000	\$1.6650	\$1.9800	\$1.5000	\$1.7700	\$2.0700	\$1.5667	\$1.9217	\$2.1833
9/7/20	\$1.7000	\$2.3300	\$2.5000	\$1.5000	\$1.6650	\$1.9800	\$1.5000	\$1.7700	\$2.0700	\$1.5667	\$1.9217	\$2.1833
9/8/20	\$1.7000	\$2.3300	\$2.5000	\$1.5000	\$1.6650	\$1.9800	\$1.3800	\$1.7600	\$2.1000	\$1.5267	\$1.9183	\$2.1933
9/9/20	\$1.7000	\$2.3300	\$2.5000	\$1.7100	\$1.9800	\$2.2200	\$1.3800	\$1.7600	\$2.1000	\$1.5967	\$2.0233	\$2.2733
9/10/20	\$1.7000	\$2.3300	\$2.5000	\$1.7400	\$1.9050	\$2.1750	\$1.3800	\$1.7600	\$2.1000	\$1.6067	\$1.9983	\$2.2583
9/11/20	\$1.7000	\$2.3300	\$2.5000	\$1.7300	\$1.8350	\$2.0750	\$1.3800	\$1.7600	\$2.1000	\$1.6033	\$1.9750	\$2.2250
9/12/20	\$1.7000	\$2.3300	\$2.5000	\$1.2250	\$1.6850	\$1.8450	\$1.3800	\$1.7600	\$2.1000	\$1.4350	\$1.9250	\$2.1483
9/13/20	\$1.7000	\$2.3300	\$2.5000	\$1.2250	\$1.6850	\$1.8450	\$1.3800	\$1.7600	\$2.1000	\$1.4350	\$1.9250	\$2.1483
9/14/20	\$1.7000	\$2.3300	\$2.5000	\$1.2250	\$1.6850	\$1.8450	\$1.3800	\$1.7600	\$2.1000	\$1.4350	\$1.9250	\$2.1483
9/15/20	\$1.7000	\$2.3300	\$2.5000	\$1.7000	\$1.8300	\$2.1050	\$1.5600	\$1.5500	\$1.9700	\$1.6533	\$1.9033	\$2.1917
9/16/20	\$1.7000	\$2.3300	\$2.5000	\$1.7200	\$1.7950	\$2.0800	\$1.5600	\$1.5500	\$1.9700	\$1.6600	\$1.8917	\$2.1833
9/17/20	\$1.7000	\$2.3300	\$2.5000	\$1.6950	\$1.7600	\$1.8850	\$1.5600	\$1.5500	\$1.9700	\$1.6517	\$1.8800	\$2.1183
9/18/20	\$1.7000	\$2.3300	\$2.5000	\$1.4650	\$1.5250	\$1.6100	\$1.5600	\$1.5500	\$1.9700	\$1.5750	\$1.8017	\$2.0267
9/19/20	\$1.7000	\$2.3300	\$2.5000	\$1.0750	\$1.3350	\$1.5250	\$1.5600	\$1.5500	\$1.9700	\$1.4450	\$1.7383	\$1.9983
9/20/20	\$1.7000	\$2.3300	\$2.5000	\$1.0750	\$1.3350	\$1.5250	\$1.5600	\$1.5500	\$1.9700	\$1.4450	\$1.7383	\$1.9983
9/21/20	\$1.7000	\$2.3300	\$2.5000	\$1.0750	\$1.3350	\$1.5250	\$1.5600	\$1.5500	\$1.9700	\$1.4450	\$1.7383	\$1.9983
9/22/20	\$1.7000	\$2.3300	\$2.5000	\$0.9700	\$1.2000	\$1.2850	\$0.9600	\$1.4100	\$1.6300	\$1.2100	\$1.6467	\$1.8050
9/23/20	\$1.7000	\$2.3300	\$2.5000	\$1.1300	\$1.3150	\$1.4300	\$0.9600	\$1.4100	\$1.6300	\$1.2633	\$1.6850	\$1.8533
9/24/20	\$1.7000	\$2.3300	\$2.5000	\$1.3200	\$1.6900	\$1.7350	\$0.9600	\$1.4100	\$1.6300	\$1.3267	\$1.8100	\$1.9550
9/25/20	\$1.7000	\$2.3300	\$2.5000	\$1.3450	\$1.7850	\$1.8900	\$0.9600	\$1.4100	\$1.6300	\$1.3350	\$1.8417	\$2.0067
9/26/20	\$1.7000	\$2.3300	\$2.5000	\$0.9050	\$1.6250	\$1.7600	\$0.9600	\$1.4100	\$1.6300	\$1.1883	\$1.7883	\$1.9633
9/27/20	\$1.7000	\$2.3300	\$2.5000	\$0.9050	\$1.6250	\$1.7600	\$0.9600	\$1.4100	\$1.6300	\$1.1883	\$1.7883	\$1.9633
9/28/20	\$1.7000	\$2.3300	\$2.5000	\$0.9050	\$1.6250	\$1.7600	\$0.9600	\$1.4100	\$1.6300	\$1.1883	\$1.7883	\$1.9633
9/29/20	\$1.7000	\$2.3300	\$2.5000	\$1.2950	\$1.4650	\$1.7500	\$0.9600	\$1.1400	\$1.2500	\$1.3183	\$1.6450	\$1.8333
9/30/20	\$1.7000	\$2.3300	\$2.5000	\$1.2000	\$1.3050	\$1.5200	\$0.9600	\$1.1400	\$1.2500	\$1.2867	\$1.5917	\$1.7567
Avg Rate	\$1.7000	\$2.3300	\$2.5000	\$1.3548	\$1.6727	\$1.8765	\$1.3240	\$1.5903	\$1.8963	\$1.4596	\$1.8643	\$2.0909

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

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	889,200	\$1,265,954.00	\$1,297,886.20	\$31,932.20
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00
					\$31,932.20

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Sep-20

<u>DATA *</u> <u>STATUS</u>	<u>SALES</u> <u>TYPE **</u>	<u>SALES</u> <u>CATEGORY</u>	<u>SALES ID</u>	<u>RECEIPT</u> <u>FLOW</u> <u>DATE</u>	<u>DELIVERY</u> <u>FLOW</u> <u>DATE</u>	<u>DELIVERY</u> <u>POINT</u>	INVOICED SALES AMOUNTS			MARGIN
							<u>STATE</u> <u>OF</u> <u>SALE</u>	<u>VOLUMES</u> <u>INVOICED</u>	<u>SALES</u> <u>RATE</u>	
I	S	OPP	S0256314	9/1/20	9/1/20	TCO P1042737	WV	5,000	\$1.8250	\$431.25
I	S	OPP	S0256337	9/1/20	9/1/20	TCO P1042737	WV	20,000	\$1.9300	\$4,136.20
I	S	OPP	S0256310	9/1/20	9/1/20	TCO P1042737	WV	5,000	\$1.7850	\$278.00
I	S	OPP	S0256313	9/1/20	9/1/20	TCO P1042737	WV	5,000	\$1.8250	\$425.00
								35,000		\$5,270.45

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Sep-20

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					SALE \$
E	E	OPP	S0254217	4/1/20		12/1/20	9	6 TCO	P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0255283	4/1/20		12/1/20	9	6 TCO	P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$0.00	\$7,061.11	\$7,061.11
E	E	OPP	S0255831	6/1/20		12/1/20	7	4 TCO	P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$0.00	\$24,800.00	\$24,800.00
E	E	OPP	S0256147	9/1/20		12/1/20	4	1 TCO	P1042737	WV	155,000	\$1.0000	\$155,000.00	\$0.00	\$0.00	\$38,750.00	\$38,750.00
E	E	OPP	S0254218	4/1/20		1/1/21	10	6 TCO	P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,635.00	\$2,635.00
E	E	OPP	S0255284	4/1/20		1/1/21	10	6 TCO	P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$0.00	\$6,355.00	\$6,355.00
E	E	OPP	S0255832	6/1/20		1/1/21	8	4 TCO	P1042737	WV	155000	\$1.1200	\$173,600.00	\$0.00	\$0.00	\$21,700.00	\$21,700.00
E	E	OPP	S0256148	9/1/20		1/1/21	5	1 TCO	P1042737	WV	155000	\$1.0000	\$155,000.00	\$0.00	\$0.00	\$31,000.00	\$31,000.00
E	E	OPP	S0254219	4/1/20		2/1/21	11	6 TCO	P1042737	WV	70000	\$0.3400	\$23,800.00	\$0.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0255285	4/1/20		2/1/21	11	6 TCO	P1042737	WV	70000	\$0.8200	\$57,400.00	\$0.00	\$0.00	\$5,218.18	\$5,218.18
E	E	OPP	S0255833	6/1/20		2/1/21	9	4 TCO	P1042737	WV	140,000	\$1.1200	\$156,800.00	\$0.00	\$0.00	\$17,422.22	\$17,422.22
E	E	OPP	S0256149	9/1/20		2/1/21	6	1 TCO	P1042737	WV	140,000	\$1.0000	\$140,000.00	\$0.00	\$0.00	\$23,333.33	\$23,333.33
E	E	OPP	S0254220	4/1/20		3/1/21	12	6 TCO	P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,195.83	\$2,195.83
											1,427,500		\$1,241,350.00			\$185,562.09	\$185,562.09

OCTOBER 2020

Columbia Gas of Kentucky, Inc.

Monthly Performance Based Rate Calculation

Flow Period: Oct-20

<u>Ln.</u>	<u>PBR Component Description</u>	Oct-20 ACTUAL	
1	CPS = (TPBR) x ASP	\$14,578.03	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$315,214.01</u>	50% of remainder
3	Total Company Performance Share	\$329,792.04	
4	TCI (includes Marketed CapR)	\$318,634.50	
5	GCI	\$161,899.35	
6	OSSI		
	Sales	\$12,925.50	
	Exch	\$185,562.09	
7	TPBR = (TCI+GCI+OSSI)	\$679,021.44	
8	AGC (**Total Gas Cost)	\$2,429,671.09	
	Sys Supply Purch	\$847,627.75	
	Core	\$14,890.30	(act)
	Misc Adjustment	\$0.00	
	Transportation	\$1,567,153.04	
			tell
9	2% of AGC	\$48,593.42	
10	PAC = (TPBR) / AGC	27.95%	

Acronyms:

- CPS = Company Performance Share
 - 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
- **Total Gas Cost = System Supply Purchase + Transportation Costs

(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: Oct-20

		<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)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	209,880	\$4.8558	Demand Vol @ Max Rate	\$1,019,135.30
							Benchmark Cost	\$1,092,424.90
						<u>Disc Rate</u>		
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
							CKY Negotiated Cost	\$951,637.40
								\$140,787.50
								\$2,044,062.30
Marketed Cap Release		TCO	SST		20,000	\$1.3981		\$27,962.00
Marketed Cap Release		TCO	SST		10,000	\$1.4260		\$14,260.00
Marketed Cap Release		TCO	SST		5,000	\$1.5500		\$7,750.00
Marketed Cap Release		TCO	SST		50,000	\$2.5575		\$127,875.00
							TCI Marketed Capacity Release Revenue	\$177,847.00
							Total TCI	\$318,634.50

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Oct-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.891	\$5.939	16.03%	\$4.8558
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: Oct-20

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)					
10/1/20	\$1.2000	\$1.7500	\$1.9900	\$1.1400	\$1.2350	\$1.3400	\$0.9600	\$1.1400	\$1.2500	\$1.1000	\$1.3750	\$1.5267
10/2/20	\$1.2000	\$1.7500	\$1.9900	\$0.6650	\$1.0400	\$1.1700	\$0.9600	\$1.1400	\$1.2500	\$0.9417	\$1.3100	\$1.4700
10/3/20	\$1.2000	\$1.7500	\$1.9900	\$0.8050	\$0.9950	\$1.0750	\$0.9600	\$1.1400	\$1.2500	\$0.9883	\$1.2950	\$1.4383
10/4/20	\$1.2000	\$1.7500	\$1.9900	\$0.8050	\$0.9950	\$1.0750	\$0.9600	\$1.1400	\$1.2500	\$0.9883	\$1.2950	\$1.4383
10/5/20	\$1.2000	\$1.7500	\$1.9900	\$0.8050	\$0.9950	\$1.0750	\$0.9600	\$1.1400	\$1.2500	\$0.9883	\$1.2950	\$1.4383
10/6/20	\$1.2000	\$1.7500	\$1.9900	\$1.3700	\$1.4300	\$1.5900	\$0.9500	\$1.2400	\$1.7300	\$1.1733	\$1.4733	\$1.7700
10/7/20	\$1.2000	\$1.7500	\$1.9900	\$1.3750	\$1.5850	\$1.8200	\$0.9500	\$1.2400	\$1.7300	\$1.1750	\$1.5250	\$1.8467
10/8/20	\$1.2000	\$1.7500	\$1.9900	\$1.3200	\$1.4800	\$1.8800	\$0.9500	\$1.2400	\$1.7300	\$1.1567	\$1.4900	\$1.8667
10/9/20	\$1.2000	\$1.7500	\$1.9900	\$0.6000	\$1.0150	\$1.5200	\$0.9500	\$1.2400	\$1.7300	\$0.9167	\$1.3350	\$1.7467
10/10/20	\$1.2000	\$1.7500	\$1.9900	\$0.5650	\$0.9000	\$1.8650	\$0.9500	\$1.2400	\$1.7300	\$0.9050	\$1.2967	\$1.8617
10/11/20	\$1.2000	\$1.7500	\$1.9900	\$0.5650	\$0.9000	\$1.8650	\$0.9500	\$1.2400	\$1.7300	\$0.9050	\$1.2967	\$1.8617
10/12/20	\$1.2000	\$1.7500	\$1.9900	\$0.5650	\$0.9000	\$1.8650	\$0.9500	\$1.2400	\$1.7300	\$0.9050	\$1.2967	\$1.8617
10/13/20	\$1.2000	\$1.7500	\$1.9900	\$1.5350	\$1.6850	\$2.1200	\$1.7900	\$1.9500	\$2.1000	\$1.5083	\$1.7950	\$2.0700
10/14/20	\$1.2000	\$1.7500	\$1.9900	\$1.7700	\$1.8800	\$2.0750	\$1.7900	\$1.9500	\$2.1000	\$1.5867	\$1.8600	\$2.0550
10/15/20	\$1.2000	\$1.7500	\$1.9900	\$1.6550	\$1.8650	\$2.0550	\$1.7900	\$1.9500	\$2.1000	\$1.5483	\$1.8550	\$2.0483
10/16/20	\$1.2000	\$1.7500	\$1.9900	\$1.9750	\$2.0500	\$2.1900	\$1.7900	\$1.9500	\$2.1000	\$1.6550	\$1.9167	\$2.0933
10/17/20	\$1.2000	\$1.7500	\$1.9900	\$1.7650	\$2.0200	\$2.0950	\$1.7900	\$1.9500	\$2.1000	\$1.5850	\$1.9067	\$2.0617
10/18/20	\$1.2000	\$1.7500	\$1.9900	\$1.7650	\$2.0200	\$2.0950	\$1.7900	\$1.9500	\$2.1000	\$1.5850	\$1.9067	\$2.0617
10/19/20	\$1.2000	\$1.7500	\$1.9900	\$1.7650	\$2.0200	\$2.0950	\$1.7900	\$1.9500	\$2.1000	\$1.5850	\$1.9067	\$2.0617
10/20/20	\$1.2000	\$1.7500	\$1.9900	\$1.9700	\$2.2100	\$2.3150	\$1.1100	\$2.5500	\$2.6500	\$1.4267	\$2.1700	\$2.3183
10/21/20	\$1.2000	\$1.7500	\$1.9900	\$2.1150	\$2.5300	\$2.6450	\$1.1100	\$2.5500	\$2.6500	\$1.4750	\$2.2767	\$2.4283
10/22/20	\$1.2000	\$1.7500	\$1.9900	\$0.9900	\$2.6300	\$2.7450	\$1.1100	\$2.5500	\$2.6500	\$1.1000	\$2.3100	\$2.4617
10/23/20	\$1.2000	\$1.7500	\$1.9900	\$0.8600	\$2.7550	\$2.8500	\$1.1100	\$2.5500	\$2.6500	\$1.0567	\$2.3517	\$2.4967
10/24/20	\$1.2000	\$1.7500	\$1.9900	\$1.1500	\$2.6450	\$2.7900	\$1.1100	\$2.5500	\$2.6500	\$1.1533	\$2.3150	\$2.4767
10/25/20	\$1.2000	\$1.7500	\$1.9900	\$1.1500	\$2.6450	\$2.7900	\$1.1100	\$2.5500	\$2.6500	\$1.1533	\$2.3150	\$2.4767
10/26/20	\$1.2000	\$1.7500	\$1.9900	\$1.1500	\$2.6450	\$2.7900	\$1.1100	\$2.5500	\$2.6500	\$1.1533	\$2.3150	\$2.4767
10/27/20	\$1.2000	\$1.7500	\$1.9900	\$2.2600	\$2.8500	\$2.9300	\$2.3200	\$2.8000	\$2.9400	\$1.9267	\$2.4667	\$2.6200
10/28/20	\$1.2000	\$1.7500	\$1.9900	\$2.2700	\$2.8000	\$2.9200	\$2.3200	\$2.8000	\$2.9400	\$1.9300	\$2.4500	\$2.6167
10/29/20	\$1.2000	\$1.7500	\$1.9900	\$2.3300	\$2.7750	\$2.9650	\$2.3200	\$2.8000	\$2.9400	\$1.9500	\$2.4417	\$2.6317
10/30/20	\$1.2000	\$1.7500	\$1.9900	\$2.3850	\$2.6500	\$2.8750	\$2.3200	\$2.8000	\$2.9400	\$1.9683	\$2.4000	\$2.6017
10/31/20	\$1.2000	\$1.7500	\$1.9900	\$2.3850	\$2.6500	\$2.8750	\$2.3200	\$2.8000	\$2.9400	\$1.9683	\$2.4000	\$2.6017
Avg Rate	\$1.2000	\$1.7500	\$1.9900	\$1.4137	\$1.8966	\$2.1405	\$1.3984	\$1.9316	\$2.1390	\$1.3374	\$1.8594	\$2.0898

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

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	644,700	\$700,300.25	\$862,199.60	\$161,899.35
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00
					\$161,899.35

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Oct-20

DATA *	SALES TYPE **	SALES CATEGORY	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	DELIVERY POINT	STATE OF SALE	INVOICED SALES AMOUNTS		MARGIN
								Sales Amounts		
								VOLUMES INVOICED Dth	SALES RATE \$/Dth	
I	S	OPP	S0256482	Oct-20	Oct-20	TCO P1042737	WV	5,000	\$1.9900	\$75.00
I	S	OPP	S0256483	Oct-20	Oct-20	TCO P1042737	WV	5,000	\$1.9900	\$75.00
I	S	OPP	S0256499	Oct-20	Oct-20	TCO P1042737	WV	4,100	\$2.1350	\$656.00
I	S	OPP	S0256500	Oct-20	Oct-20	TCO P1042737	WV	900	\$2.1350	\$144.00
I	S	OPP	S0256504	Oct-20	Oct-20	TCO P1042737	WV	10,000	\$2.1100	\$5,375.00
I	S	OPP	S0256507	Oct-20	Oct-20	TCO P1042737	WV	2,500	\$2.1400	\$950.00
I	S	OPP	S0256508	10/1/20	10/1/20	TCO P1042737	WV	2,000	\$2.0700	\$600.00
I	S	OPP	S0256509	10/1/20	10/1/20	TCO P1042737	WV	5,500	\$2.1000	\$1,815.00
I	S	OPP	S0256544	10/1/20	10/1/20	TCO P1042737	WV	5,000	\$2.3275	\$2,787.50
I	S	OPP	S0256546	10/1/20	10/1/20	TCO P1042737	WV	5,000	\$2.3500	\$2,948.00
								45,000		\$15,425.50

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Oct-20

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					SALE \$
E	E	OPP	S0255831	6/1/20		12/1/20	7	5 TCO	P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$0.00	\$24,800.00	\$24,800.00
E	E	OPP	S0256147	9/1/20		12/1/20	4	2 TCO	P1042737	WV	155,000	\$1.0000	\$155,000.00	\$0.00	\$0.00	\$38,750.00	\$38,750.00
E	E	OPP	S0254217	4/1/20		12/1/20	9	7 TCO	P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0255283	4/1/20		12/1/20	9	7 TCO	P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$0.00	\$7,061.11	\$7,061.11
E	E	OPP	S0255832	6/1/20		1/1/21	8	5 TCO	P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$0.00	\$21,700.00	\$21,700.00
E	E	OPP	S0256148	9/1/20		1/1/21	5	2 TCO	P1042737	WV	155,000	\$1.0000	\$155,000.00	\$0.00	\$0.00	\$31,000.00	\$31,000.00
E	E	OPP	S0254218	4/1/20		1/1/21	10	7 TCO	P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,635.00	\$2,635.00
E	E	OPP	S0255284	4/1/20		1/1/21	10	7 TCO	P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$0.00	\$6,355.00	\$6,355.00
E	E	OPP	S0255285	4/1/20		2/1/21	11	7 TCO	P1042737	WV	70,000	\$0.8200	\$57,400.00	\$0.00	\$0.00	\$5,218.18	\$5,218.18
E	E	OPP	S0255833	6/1/20		2/1/21	9	5 TCO	P1042737	WV	140,000	\$1.1200	\$156,800.00	\$0.00	\$0.00	\$17,422.22	\$17,422.22
E	E	OPP	S0256149	9/1/20		2/1/21	6	2 TCO	P1042737	WV	140,000	\$1.0000	\$140,000.00	\$0.00	\$0.00	\$23,333.33	\$23,333.33
E	E	OPP	S0254219	4/1/20		2/1/21	11	7 TCO	P1042737	WV	70,000	\$0.3400	\$23,800.00	\$0.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0254220	4/1/20		3/1/21	12	7 TCO	P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,195.83	\$2,195.83
											1,427,500		1,241,350			185,562	185,562

NOVEMBER 2020

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

Flow Month: Nov-20

		<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)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	209,880	\$4.8558	Demand Vol @ Max Rate	\$1,019,135.30
							Benchmark Cost	\$1,092,424.90
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
							CKY Negotiated Cost	\$951,637.40
							TCI Negotiated Contract Revenue	\$140,787.50
Marketed Cap Release		TCO	SST		10,000	\$1.5000		\$15,000.00
Marketed Cap Release		TCO	SST		10,000	\$1.5000		\$15,000.00
Marketed Cap Release		TCO	SST		10,000	\$1.5000		\$15,000.00
Marketed Cap Release		TCO	SST		500	\$1.6500		\$825.00
Marketed Cap Release		TCO	SST		7,000	\$1.8000		\$12,600.00
Marketed Cap Release		TCO	SST		20,000	\$1.4000		\$28,000.00
							TCI Marketed Capacity Release Revenue	\$86,425.00
							Total TCI	\$227,212.50

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Nov-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.891	\$5.939	16.03%	\$4.8558
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: Nov-20

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)					
11/1/20	\$2.2500	\$2.6800	\$2.8500	\$2.3350	\$2.8400	\$2.9850	\$2.3200	\$2.8000	\$2.9400	\$2.3017	\$2.7733	\$2.9250
11/2/20	\$2.2500	\$2.6800	\$2.8500	\$2.3350	\$2.8400	\$2.9850	\$2.3200	\$2.8000	\$2.9400	\$2.3017	\$2.7733	\$2.9250
11/3/20	\$2.2500	\$2.6800	\$2.8500	\$2.1550	\$2.7900	\$2.9100	\$0.9400	\$2.1500	\$2.5200	\$1.7817	\$2.5400	\$2.7600
11/4/20	\$2.2500	\$2.6800	\$2.8500	\$1.5450	\$2.5750	\$2.7300	\$0.9400	\$2.1500	\$2.5200	\$1.5783	\$2.4683	\$2.7000
11/5/20	\$2.2500	\$2.6800	\$2.8500	\$1.4950	\$2.3250	\$2.4950	\$0.9400	\$2.1500	\$2.5200	\$1.5617	\$2.3850	\$2.6217
11/6/20	\$2.2500	\$2.6800	\$2.8500	\$0.4700	\$2.1900	\$2.5800	\$0.9400	\$2.1500	\$2.5200	\$1.2200	\$2.3400	\$2.6500
11/7/20	\$2.2500	\$2.6800	\$2.8500	\$0.3300	\$1.8850	\$2.4750	\$0.9400	\$2.1500	\$2.5200	\$1.1733	\$2.2383	\$2.6150
11/8/20	\$2.2500	\$2.6800	\$2.8500	\$0.3300	\$1.8850	\$2.4750	\$0.9400	\$2.1500	\$2.5200	\$1.1733	\$2.2383	\$2.6150
11/9/20	\$2.2500	\$2.6800	\$2.8500	\$0.3300	\$1.8850	\$2.4750	\$0.9400	\$2.1500	\$2.5200	\$1.1733	\$2.2383	\$2.6150
11/10/20	\$2.2500	\$2.6800	\$2.8500	\$0.3450	\$2.3000	\$2.5050	\$1.6400	\$2.5600	\$2.6400	\$1.4117	\$2.5133	\$2.6650
11/11/20	\$2.2500	\$2.6800	\$2.8500	\$1.4200	\$2.4700	\$2.6300	\$1.6400	\$2.5600	\$2.6400	\$1.7700	\$2.5700	\$2.7067
11/12/20	\$2.2500	\$2.6800	\$2.8500	\$1.7300	\$2.5700	\$2.6550	\$1.6400	\$2.5600	\$2.6400	\$1.8733	\$2.6033	\$2.7150
11/13/20	\$2.2500	\$2.6800	\$2.8500	\$2.1200	\$2.6450	\$2.6900	\$1.6400	\$2.5600	\$2.6400	\$2.0033	\$2.6283	\$2.7267
11/14/20	\$2.2500	\$2.6800	\$2.8500	\$2.1400	\$2.6350	\$2.6900	\$1.6400	\$2.5600	\$2.6400	\$2.0100	\$2.6250	\$2.7267
11/15/20	\$2.2500	\$2.6800	\$2.8500	\$2.1400	\$2.6350	\$2.6900	\$1.6400	\$2.5600	\$2.6400	\$2.0100	\$2.6250	\$2.7267
11/16/20	\$2.2500	\$2.6800	\$2.8500	\$2.1400	\$2.6350	\$2.6900	\$1.6400	\$2.5600	\$2.6400	\$2.0100	\$2.6250	\$2.7267
11/17/20	\$2.2500	\$2.6800	\$2.8500	\$2.1200	\$2.3900	\$2.5850	\$1.9000	\$2.0600	\$2.3000	\$2.0900	\$2.3767	\$2.5783
11/18/20	\$2.2500	\$2.6800	\$2.8500	\$1.9600	\$2.1650	\$2.5000	\$1.9000	\$2.0600	\$2.3000	\$2.0367	\$2.3017	\$2.5500
11/19/20	\$2.2500	\$2.6800	\$2.8500	\$1.7500	\$1.9950	\$2.3300	\$1.9000	\$2.0600	\$2.3000	\$1.9667	\$2.2450	\$2.4933
11/20/20	\$2.2500	\$2.6800	\$2.8500	\$1.7550	\$1.9700	\$2.1700	\$1.9000	\$2.0600	\$2.3000	\$1.9683	\$2.2367	\$2.4400
11/21/20	\$2.2500	\$2.6800	\$2.8500	\$1.8700	\$2.0700	\$2.2000	\$1.9000	\$2.0600	\$2.3000	\$2.0067	\$2.2700	\$2.4500
11/22/20	\$2.2500	\$2.6800	\$2.8500	\$1.8700	\$2.0700	\$2.2000	\$1.9000	\$2.0600	\$2.3000	\$2.0067	\$2.2700	\$2.4500
11/23/20	\$2.2500	\$2.6800	\$2.8500	\$1.8700	\$2.0700	\$2.2000	\$1.9000	\$2.0600	\$2.3000	\$2.0067	\$2.2700	\$2.4500
11/24/20	\$2.2500	\$2.6800	\$2.8500	\$2.0750	\$2.1450	\$2.2150	\$2.0100	\$2.0800	\$2.2200	\$2.1117	\$2.3017	\$2.4283
11/25/20	\$2.2500	\$2.6800	\$2.8500	\$2.0550	\$2.1550	\$2.2050	\$2.0100	\$2.0800	\$2.2200	\$2.1050	\$2.3050	\$2.4250
11/26/20	\$2.2500	\$2.6800	\$2.8500	\$1.9800	\$2.1050	\$2.2000	\$2.0100	\$2.0800	\$2.2200	\$2.0800	\$2.2883	\$2.4233
11/27/20	\$2.2500	\$2.6800	\$2.8500	\$1.9800	\$2.1050	\$2.2000	\$2.0100	\$2.0800	\$2.2200	\$2.0800	\$2.2883	\$2.4233
11/28/20	\$2.2500	\$2.6800	\$2.8500	\$1.9800	\$2.1050	\$2.2000	\$2.0100	\$2.0800	\$2.2200	\$2.0800	\$2.2883	\$2.4233
11/29/20	\$2.2500	\$2.6800	\$2.8500	\$1.9800	\$2.1050	\$2.2000	\$2.0100	\$2.0800	\$2.2200	\$2.0800	\$2.2883	\$2.4233
11/30/20	\$2.2500	\$2.6800	\$2.8500	\$1.9800	\$2.1050	\$2.2000	\$2.0100	\$2.0800	\$2.2200	\$2.0800	\$2.2883	\$2.4233
Avg Rate	\$2.2500	\$2.6800	\$2.8500	\$1.6862	\$2.2887	\$2.4755	\$1.6690	\$2.2517	\$2.4547	\$1.8684	\$2.4068	\$2.5934

MONTHLY PURCHASE ACTIVITY (Non-Citygate System Supply) - ACTUAL						
Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)	
TCO	P10	225,300	\$401,932.50	\$420,948.02	\$19,015.52	
CGT	M/L	0	\$0.00	\$0.00	\$0.00	
TENN	500	0	\$0.00	\$0.00	\$0.00	
					\$19,015.52	

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Nov-20

DATA * STATUS	SALES TYPE **	SALES CATEGORY	SALES ID (1)	RECEIPT FLOW DATE (2)	DELIVERY FLOW DATE (3)	DELIVERY POINT	INVOICED SALES AMOUNTS			MARGIN
							STATE OF SALE (16)	VOLUMES INVOICED (17 A) Dth	SALES RATE (18 A) \$/Dth	
No Activity										
								0		\$0.00

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Nov-20

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW	DELIVERY FLOW	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS DELIVERY EXPIRED	DELIVERY POINT	STATE OF SALE	VOLUMES Dth	SALES RATE	TOTAL SALE	TRANSPORT COST	EXCISE TAX	TOTAL SALE	MARGIN
				DATE	DATE		\$/Dth	\$									
E	E	OPP	S0255831	6/1/20		12/1/20	7	6	TCO P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$0.00	\$24,800.00	\$24,800.00
E	E	OPP	S0256147	9/1/20		12/1/20	4	3	TCO P1042737	WV	155,000	\$1.0000	\$155,000.00	\$0.00	\$0.00	\$38,750.00	\$38,750.00
E	E	OPP	S0256677		11/1/20	12/1/20	2	1	TCO P1042737	WV	31,000	\$0.1800	\$5,580.00	\$0.00	\$0.00	\$2,790.00	\$2,790.00
E	E	OPP	S0256679		11/1/20	12/1/20	2	1	TCO P1042737	WV	93,000	\$0.1200	\$11,160.00	\$0.00	\$0.00	\$5,580.00	\$5,580.00
E	E	OPP	S0254217	4/1/20		12/1/20	9	8	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0255283	4/1/20		12/1/20	9	8	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$0.00	\$7,061.11	\$7,061.11
E	E	OPP	S0255832	6/1/20		1/1/21	8	6	TCO P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$0.00	\$21,700.00	\$21,700.00
E	E	OPP	S0256148	9/1/20		1/1/21	5	3	TCO P1042737	WV	155,000	\$1.0000	\$155,000.00	\$0.00	\$0.00	\$31,000.00	\$31,000.00
E	E	OPP	S0254218	4/1/20		1/1/21	10	8	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,635.00	\$2,635.00
E	E	OPP	S0255284	4/1/20		1/1/21	10	8	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$0.00	\$6,355.00	\$6,355.00
E	E	OPP	S0255285	4/1/20		2/1/21	11	8	TCO P1042737	WV	70000	\$0.8200	\$57,400.00	\$0.00	\$0.00	\$5,218.18	\$5,218.18
E	E	OPP	S0255833	6/1/20		2/1/21	9	6	TCO P1042737	WV	140,000	\$1.1200	\$156,800.00	\$0.00	\$0.00	\$17,422.22	\$17,422.22
E	E	OPP	S0256149	9/1/20		2/1/21	6	3	TCO P1042737	WV	140,000	\$1.0000	\$140,000.00	\$0.00	\$0.00	\$23,333.33	\$23,333.33
E	E	OPP	S0254219	4/1/20		2/1/21	11	8	TCO P1042737	WV	70,000	\$0.3400	\$23,800.00	\$0.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0254220	4/1/20		3/1/21	12	8	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,195.83	\$2,195.83
											1,551,500		1,258,090			193,932	193,932

DECEMBER 2020

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

Flow Month: Dec-20

		<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)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	209,880	\$4.8622	Demand Vol @ Max Rate	\$1,020,478.54
							Benchmark Cost	\$1,093,768.14
						<u>Disc Rate</u>		
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
							CKY Negotiated Cost	\$951,637.40
							TCI Negotiated Contract Revenue	\$142,130.74
Marketed Cap Release		TCO	SST		20,000	\$3.1000		\$62,000.00
Marketed Cap Release		TCO	SST		20,000	\$4.4950		\$89,900.00
Marketed Cap Release		TCO	SST		5,000	\$3.2550		\$16,275.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$23,870.00
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	\$192,045.00
							Total TCI	\$334,175.74

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Dec-20	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.900	\$5.939	16.18%	\$4.8622
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: Dec-20

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)					
12/1/20	\$2.0500	\$2.5700	\$2.7700	\$2.3100	\$2.6850	\$2.8600	\$2.1800	\$2.4600	\$2.5200	\$2.1800	\$2.5717	\$2.7167
12/2/20	\$2.0500	\$2.5700	\$2.7700	\$2.3350	\$2.5650	\$2.7500	\$2.1800	\$2.4600	\$2.5200	\$2.1883	\$2.5317	\$2.6800
12/3/20	\$2.0500	\$2.5700	\$2.7700	\$2.2750	\$2.5950	\$2.6650	\$2.1800	\$2.4600	\$2.5200	\$2.1683	\$2.5417	\$2.6517
12/4/20	\$2.0500	\$2.5700	\$2.7700	\$1.9950	\$2.2900	\$2.3950	\$2.1800	\$2.4600	\$2.5200	\$2.0750	\$2.4400	\$2.5617
12/5/20	\$2.0500	\$2.5700	\$2.7700	\$2.1450	\$2.3300	\$2.4200	\$2.1800	\$2.4600	\$2.5200	\$2.1250	\$2.4533	\$2.5700
12/6/20	\$2.0500	\$2.5700	\$2.7700	\$2.1450	\$2.3300	\$2.4200	\$2.1800	\$2.4600	\$2.5200	\$2.1250	\$2.4533	\$2.5700
12/7/20	\$2.0500	\$2.5700	\$2.7700	\$2.1450	\$2.3300	\$2.4200	\$2.1800	\$2.4600	\$2.5200	\$2.1250	\$2.4533	\$2.5700
12/8/20	\$2.0500	\$2.5700	\$2.7700	\$1.9500	\$2.2100	\$2.3250	\$2.0500	\$2.2800	\$2.3700	\$2.0167	\$2.3533	\$2.4883
12/9/20	\$2.0500	\$2.5700	\$2.7700	\$1.9400	\$2.1850	\$2.3100	\$2.0500	\$2.2800	\$2.3700	\$2.0133	\$2.3450	\$2.4833
12/10/20	\$2.0500	\$2.5700	\$2.7700	\$2.0150	\$2.2500	\$2.3700	\$2.0500	\$2.2800	\$2.3700	\$2.0383	\$2.3667	\$2.5033
12/11/20	\$2.0500	\$2.5700	\$2.7700	\$2.0600	\$2.2250	\$2.3500	\$2.0500	\$2.2800	\$2.3700	\$2.0533	\$2.3583	\$2.4967
12/12/20	\$2.0500	\$2.5700	\$2.7700	\$2.1300	\$2.3550	\$2.4450	\$2.0500	\$2.2800	\$2.3700	\$2.0767	\$2.4017	\$2.5283
12/13/20	\$2.0500	\$2.5700	\$2.7700	\$2.1300	\$2.3550	\$2.4450	\$2.0500	\$2.2800	\$2.3700	\$2.0767	\$2.4017	\$2.5283
12/14/20	\$2.0500	\$2.5700	\$2.7700	\$2.1300	\$2.3550	\$2.4450	\$2.0500	\$2.2800	\$2.3700	\$2.0767	\$2.4017	\$2.5283
12/15/20	\$2.0500	\$2.5700	\$2.7700	\$2.3300	\$2.5350	\$2.6150	\$2.3400	\$2.5200	\$2.6100	\$2.2400	\$2.5417	\$2.6650
12/16/20	\$2.0500	\$2.5700	\$2.7700	\$2.3000	\$2.5000	\$2.5750	\$2.3400	\$2.5200	\$2.6100	\$2.2300	\$2.5300	\$2.6517
12/17/20	\$2.0500	\$2.5700	\$2.7700	\$2.3200	\$2.5250	\$2.5950	\$2.3400	\$2.5200	\$2.6100	\$2.2367	\$2.5383	\$2.6583
12/18/20	\$2.0500	\$2.5700	\$2.7700	\$2.3150	\$2.4950	\$2.5750	\$2.3400	\$2.5200	\$2.6100	\$2.2350	\$2.5283	\$2.6517
12/19/20	\$2.0500	\$2.5700	\$2.7700	\$2.3700	\$2.5550	\$2.6250	\$2.3400	\$2.5200	\$2.6100	\$2.2533	\$2.5483	\$2.6683
12/20/20	\$2.0500	\$2.5700	\$2.7700	\$2.3700	\$2.5550	\$2.6250	\$2.3400	\$2.5200	\$2.6100	\$2.2533	\$2.5483	\$2.6683
12/21/20	\$2.0500	\$2.5700	\$2.7700	\$2.3700	\$2.5550	\$2.6250	\$2.3400	\$2.5200	\$2.6100	\$2.2533	\$2.5483	\$2.6683
12/22/20	\$2.0500	\$2.5700	\$2.7700	\$2.4350	\$2.5150	\$2.5850	\$2.3900	\$2.5100	\$2.6100	\$2.2917	\$2.5317	\$2.6550
12/23/20	\$2.0500	\$2.5700	\$2.7700	\$2.5050	\$2.5800	\$2.6650	\$2.3900	\$2.5100	\$2.6100	\$2.3150	\$2.5533	\$2.6817
12/24/20	\$2.0500	\$2.5700	\$2.7700	\$2.4200	\$2.5800	\$2.6200	\$2.3900	\$2.5100	\$2.6100	\$2.2867	\$2.5533	\$2.6667
12/25/20	\$2.0500	\$2.5700	\$2.7700	\$2.3650	\$2.4750	\$2.5500	\$2.3900	\$2.5100	\$2.6100	\$2.2683	\$2.5183	\$2.6433
12/26/20	\$2.0500	\$2.5700	\$2.7700	\$2.3650	\$2.4750	\$2.5500	\$2.3900	\$2.5100	\$2.6100	\$2.2683	\$2.5183	\$2.6433
12/27/20	\$2.0500	\$2.5700	\$2.7700	\$2.3650	\$2.4750	\$2.5500	\$2.3900	\$2.5100	\$2.6100	\$2.2683	\$2.5183	\$2.6433
12/28/20	\$2.0500	\$2.5700	\$2.7700	\$2.3650	\$2.4750	\$2.5500	\$2.3900	\$2.5100	\$2.6100	\$2.2683	\$2.5183	\$2.6433
12/29/20	\$2.0500	\$2.5700	\$2.7700	\$2.0500	\$2.1100	\$2.1650	\$2.1200	\$2.1900	\$2.2800	\$2.0733	\$2.2900	\$2.4050
12/30/20	\$2.0500	\$2.5700	\$2.7700	\$2.1400	\$2.2000	\$2.2850	\$2.1200	\$2.1900	\$2.2800	\$2.1033	\$2.3200	\$2.4450
12/31/20	\$2.0500	\$2.5700	\$2.7700	\$2.1200	\$2.2150	\$2.2800	\$2.1200	\$2.1900	\$2.2800	\$2.0967	\$2.3250	\$2.4433
Avg Rate	\$2.0500	\$2.5700	\$2.7700	\$2.2326	\$2.4155	\$2.5050	\$2.2284	\$2.4181	\$2.5035	\$2.1703	\$2.4678	\$2.5928

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

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	585,500	\$1,250,360.00	\$1,270,723.87	\$20,363.87
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00
					\$20,363.87

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Dec-20

<u>DATA *</u> <u>STATUS</u>	<u>SALES</u> <u>TYPE **</u>	<u>SALES</u> <u>CATEGORY</u>	<u>SALES ID</u> (1)	<u>RECEIPT</u> <u>FLOW</u> <u>DATE</u>	<u>DELIVERY</u> <u>FLOW</u> <u>DATE</u>	<u>DELIVERY</u> <u>POINT</u>	INVOICED SALES AMOUNTS			MARGIN
							<u>STATE</u> <u>OF</u> <u>SALE</u> (16)	<u>VOLUMES</u> <u>INVOICED</u> (17 A) Dth	<u>SALES</u> <u>RATE</u> (18 A) \$/Dth	
No Activity										
								0		\$0.00

COLUMBIA GAS OF KENTUCKY
 Off-System EXCHANGE Activity Report
 Dec-19

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW	DELIVERY FLOW	INVOICE MONTH	# OF MONTHS IN TERM	# OF MONTHS DELIVERY EXPIRED	DELIVERY POINT	STATE OF SALE	VOLUMES Dth	SALES RATE	TOTAL SALE	TRANSPORT COST	EXCISE TAX	TOTAL SALE	MARGIN
				DATE	DATE		\$/Dth	\$									
E	E	OPP	S0256147	9/1/20	12/1/20	12/1/20	4	4	TCO P1042737	WV	155,000	\$1.0000	\$155,000.00	\$0.00	\$0.00	\$38,750.00	\$38,750.00
E	E	OPP	S0256677	12/1/20	11/1/20	12/1/20	2	2	TCO P1042737	WV	31,000	\$0.1800	\$5,580.00	\$0.00	\$0.00	\$2,790.00	\$2,790.00
E	E	OPP	S0256679	12/1/20	11/1/20	12/1/20	2	2	TCO P1042737	WV	93,000	\$0.1200	\$11,160.00	\$0.00	\$0.00	\$5,580.00	\$5,580.00
E	E	OPP	S0254217	4/1/20	12/1/20	12/1/20	9	9	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,927.78	\$2,927.78
E	E	OPP	S0255283	4/1/20	12/1/20	12/1/20	9	9	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$0.00	\$7,061.11	\$7,061.11
E	E	OPP	S0255831	6/1/20	12/1/20	12/1/20	7	7	TCO P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$0.00	\$24,800.00	\$24,800.00
E	E	OPP	S0256148	9/1/20		1/1/21	5	4	TCO P1042737	WV	155,000	\$1.0000	\$155,000.00	\$0.00	\$0.00	\$31,000.00	\$31,000.00
E	E	OPP	S0256873		12/1/20	1/1/21	2	1	TCO P1042737	WV	77,500	\$0.1300	\$10,075.00	\$0.00	\$0.00	\$5,037.50	\$5,037.50
E	E	OPP	S0254218	4/1/20		1/1/21	10	9	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,635.00	\$2,635.00
E	E	OPP	S0255284	4/1/20		1/1/21	10	9	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$0.00	\$6,355.00	\$6,355.00
E	E	OPP	S0255832	6/1/20		1/1/21	8	7	TCO P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$0.00	\$21,700.00	\$21,700.00
E	E	OPP	S0255833	6/1/20		2/1/21	9	7	TCO P1042737	WV	140,000	\$1.1200	\$156,800.00	\$0.00	\$0.00	\$17,422.22	\$17,422.22
E	E	OPP	S0256149	9/1/20		2/1/21	6	4	TCO P1042737	WV	140,000	\$1.0000	\$140,000.00	\$0.00	\$0.00	\$23,333.33	\$23,333.33
E	E	OPP	S0254219	4/1/20		2/1/21	11	9	TCO P1042737	WV	70,000	\$0.3400	\$23,800.00	\$0.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0255285	4/1/20		2/1/21	11	9	TCO P1042737	WV	70,000	\$0.8200	\$57,400.00	\$0.00	\$0.00	\$5,218.18	\$5,218.18
E	E	OPP	S0254220	4/1/20		3/1/21	12	9	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,195.83	\$2,195.83
											1,629,000		\$1,268,165.00			\$198,969.59	\$198,969.59

JANUARY 2021

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

Flow Month: Jan-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)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	209,880	\$4.8622	Demand Vol @ Max Rate	\$1,020,478.54
			0				Benchmark Cost	\$1,093,768.14
			0					
						<u>Disc Rate</u>		
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
							CKY Negotiated Cost	\$951,637.40
							TCI Negotiated Contract Revenue	\$142,130.74
Marketed Cap Release		TCO	SST		28,000	\$3.4100		\$95,480.00
Marketed Cap Release		TCO	SST		10,000	\$3.4100		\$34,100.00
Marketed Cap Release		TCO	SST		7,500	\$3.2550		\$24,412.50
Marketed Cap Release		TCO	SST		25,000	\$5.1150		\$127,875.00
Marketed Cap Release		TCO	SST		1,000	\$3.1000		\$3,100.00
Marketed Cap Release		TCO	SST		0	\$0.0000		\$0.00
							TCI Marketed Capacity Release Revenue	\$284,967.50
							Total TCI	\$427,098.24

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Jan-21	Per PSC	Gross up	
	TCO SST Rate	Order	Factor %	Benchmark Rate
Benchmark Calc:	\$6.900	\$5.939	16.18%	\$4.8622
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: Jan-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)					
1/1/21	\$2.0400	\$2.2800	\$2.3900	\$2.1000	\$2.2100	\$2.2950	\$2.1200	\$2.1900	\$2.2800	\$2.0867	\$2.2267	\$2.3217
1/2/21	\$2.0400	\$2.2800	\$2.3900	\$2.1000	\$2.2100	\$2.2950	\$2.1200	\$2.1900	\$2.2800	\$2.0867	\$2.2267	\$2.3217
1/3/21	\$2.0400	\$2.2800	\$2.3900	\$2.1000	\$2.2100	\$2.2950	\$2.1200	\$2.1900	\$2.2800	\$2.0867	\$2.2267	\$2.3217
1/4/21	\$2.0400	\$2.2800	\$2.3900	\$2.1000	\$2.2100	\$2.2950	\$2.1200	\$2.1900	\$2.2800	\$2.0867	\$2.2267	\$2.3217
1/5/21	\$2.0400	\$2.2800	\$2.3900	\$2.3350	\$2.4650	\$2.5350	\$2.4500	\$2.5600	\$2.6600	\$2.2750	\$2.4350	\$2.5283
1/6/21	\$2.0400	\$2.2800	\$2.3900	\$2.4600	\$2.5450	\$2.6500	\$2.4500	\$2.5600	\$2.6600	\$2.3167	\$2.4617	\$2.5667
1/7/21	\$2.0400	\$2.2800	\$2.3900	\$2.4500	\$2.5700	\$2.6350	\$2.4500	\$2.5600	\$2.6600	\$2.3133	\$2.4700	\$2.5617
1/8/21	\$2.0400	\$2.2800	\$2.3900	\$2.4650	\$2.6150	\$2.6750	\$2.4500	\$2.5600	\$2.6600	\$2.3183	\$2.4850	\$2.5750
1/9/21	\$2.0400	\$2.2800	\$2.3900	\$2.4600	\$2.5750	\$2.6500	\$2.4500	\$2.5600	\$2.6600	\$2.3167	\$2.4717	\$2.5667
1/10/21	\$2.0400	\$2.2800	\$2.3900	\$2.4600	\$2.5750	\$2.6500	\$2.4500	\$2.5600	\$2.6600	\$2.3167	\$2.4717	\$2.5667
1/11/21	\$2.0400	\$2.2800	\$2.3900	\$2.4600	\$2.5750	\$2.6500	\$2.4500	\$2.5600	\$2.6600	\$2.3167	\$2.4717	\$2.5667
1/12/21	\$2.0400	\$2.2800	\$2.3900	\$2.4400	\$2.5600	\$2.6000	\$2.5600	\$2.6600	\$2.7000	\$2.3467	\$2.5000	\$2.5633
1/13/21	\$2.0400	\$2.2800	\$2.3900	\$2.6050	\$2.7250	\$2.8300	\$2.5600	\$2.6600	\$2.7000	\$2.4017	\$2.5550	\$2.6400
1/14/21	\$2.0400	\$2.2800	\$2.3900	\$2.5500	\$2.6450	\$2.7300	\$2.5600	\$2.6600	\$2.7000	\$2.3833	\$2.5283	\$2.6067
1/15/21	\$2.0400	\$2.2800	\$2.3900	\$2.5300	\$2.6450	\$2.7200	\$2.5600	\$2.6600	\$2.7000	\$2.3767	\$2.5283	\$2.6033
1/16/21	\$2.0400	\$2.2800	\$2.3900	\$2.5800	\$2.6600	\$2.7200	\$2.5600	\$2.6600	\$2.7000	\$2.3933	\$2.5333	\$2.6033
1/17/21	\$2.0400	\$2.2800	\$2.3900	\$2.5800	\$2.6600	\$2.7200	\$2.5600	\$2.6600	\$2.7000	\$2.3933	\$2.5333	\$2.6033
1/18/21	\$2.0400	\$2.2800	\$2.3900	\$2.5800	\$2.6600	\$2.7200	\$2.5600	\$2.6600	\$2.7000	\$2.3933	\$2.5333	\$2.6033
1/19/21	\$2.0400	\$2.2800	\$2.3900	\$2.5800	\$2.6600	\$2.7200	\$2.5600	\$2.6600	\$2.7000	\$2.3933	\$2.5333	\$2.6033
1/20/21	\$2.0400	\$2.2800	\$2.3900	\$2.3650	\$2.4400	\$2.5050	\$2.2700	\$2.3500	\$2.4300	\$2.2250	\$2.3567	\$2.4417
1/21/21	\$2.0400	\$2.2800	\$2.3900	\$2.2450	\$2.3400	\$2.3800	\$2.2700	\$2.3500	\$2.4300	\$2.1850	\$2.3233	\$2.4000
1/22/21	\$2.0400	\$2.2800	\$2.3900	\$2.2600	\$2.3600	\$2.4200	\$2.2700	\$2.3500	\$2.4300	\$2.1900	\$2.3300	\$2.4133
1/23/21	\$2.0400	\$2.2800	\$2.3900	\$2.2350	\$2.3250	\$2.3950	\$2.2700	\$2.3500	\$2.4300	\$2.1817	\$2.3183	\$2.4050
1/24/21	\$2.0400	\$2.2800	\$2.3900	\$2.2350	\$2.3250	\$2.3950	\$2.2700	\$2.3500	\$2.4300	\$2.1817	\$2.3183	\$2.4050
1/25/21	\$2.0400	\$2.2800	\$2.3900	\$2.2350	\$2.3250	\$2.3950	\$2.2700	\$2.3500	\$2.4300	\$2.1817	\$2.3183	\$2.4050
1/26/21	\$2.0400	\$2.2800	\$2.3900	\$2.3050	\$2.4100	\$2.4750	\$2.4100	\$2.5200	\$2.6000	\$2.2517	\$2.4033	\$2.4883
1/27/21	\$2.0400	\$2.2800	\$2.3900	\$2.4050	\$2.5150	\$2.5850	\$2.4100	\$2.5200	\$2.6000	\$2.2850	\$2.4383	\$2.5250
1/28/21	\$2.0400	\$2.2800	\$2.3900	\$2.4900	\$2.5950	\$2.6750	\$2.4100	\$2.5200	\$2.6000	\$2.3133	\$2.4650	\$2.5550
1/29/21	\$2.0400	\$2.2800	\$2.3900	\$2.4100	\$2.5400	\$2.5800	\$2.4100	\$2.5200	\$2.6000	\$2.2867	\$2.4467	\$2.5233
1/30/21	\$2.0400	\$2.2800	\$2.3900	\$2.4100	\$2.5400	\$2.5800	\$2.4100	\$2.5200	\$2.6000	\$2.2867	\$2.4467	\$2.5233
1/31/21	\$2.0400	\$2.2800	\$2.3900	\$2.4100	\$2.5400	\$2.5800	\$2.4100	\$2.5200	\$2.6000	\$2.2867	\$2.4467	\$2.5233
Avg Rate	\$2.0400	\$2.2800	\$2.3900	\$2.3852	\$2.4913	\$2.5597	\$2.3932	\$2.4897	\$2.5652	\$2.2728	\$2.4203	\$2.5049

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

Pipeline	Rec Point	Purchase Volume	Purchase Cost	Benchmark Cost	GCI Savings (Cost)
TCO	P10	510,800	\$1,134,083.00	\$1,160,944.04	\$26,861.04
CGT	M/L	0	\$0.00	\$0.00	\$0.00
TENN	500	0	\$0.00	\$0.00	\$0.00
					\$26,861.04

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Jan-21

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	S0256901	Jan-21	Jan-21		TCO P1042737	WV	60,000	\$2.0975	\$125,850.00	\$4,050.00
I	S	OPP	S0256908	Jan-21	Jan-21		TCO P1042737	WV	40,000	\$2.1100	\$84,400.00	\$3,200.00
I	S	OPP	S0256915	Jan-21	Jan-21		TCO P1042737	WV	4,600	\$2.3350	\$10,741.00	\$1,403.00
I	S	OPP	S0256916	Jan-21	Jan-21		TCO P1042737	WV	1,400	\$2.3350	\$3,269.00	\$427.00
I	S	OPP	S0256917	Jan-21	Jan-21		TCO P1042737	WV	6,900	\$2.3350	\$16,111.50	\$2,104.50
I	S	OPP	S0256918	Jan-21	Jan-21		TCO P1042737	WV	2,100	\$2.3350	\$4,903.50	\$640.50
I	S	OPP	S0256930	Jan-21	Jan-21		TCO P1042737	WV	15,000	\$2.4625	\$36,937.50	\$6,487.50
I	S	OPP	S0257145	1/1/21	1/1/21		TCO P1042737	WV	7,500	\$2.3800	\$17,850.00	\$581.25
I	S	OPP	S0257174	1/1/21	1/1/21		TCO P1042737	WV	200	\$2.5000	\$500.00	\$27.00
I	S	OPP	S0257179	1/1/21	1/1/21		TCO P1042737	WV	7,300	\$2.4800	\$18,104.00	\$839.50
									145,000		318,667	19,760

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

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT FLOW DATE	DELIVERY FLOW DATE	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
E	E	OPP	S0256873	1/1/21	12/1/20	1/1/21	2	2	TCO P1042737	WV	77500	\$0.1300	\$10,075.00	\$0.00	\$0.00	\$5,037.50	\$5,037.50
E	E	OPP	S0254218	4/1/20	1/1/21	1/1/21	10	10	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,635.00	\$2,635.00
E	E	OPP	S0255284	4/1/20	1/1/21	1/1/21	10	10	TCO P1042737	WV	77,500	\$0.8200	\$63,550.00	\$0.00	\$0.00	\$6,355.00	\$6,355.00
E	E	OPP	S0255832	6/1/20	1/1/21	1/1/21	8	8	TCO P1042737	WV	155,000	\$1.1200	\$173,600.00	\$0.00	\$0.00	\$21,700.00	\$21,700.00
E	E	OPP	S0256148	9/1/20	1/1/21	1/1/21	5	5	TCO P1042737	WV	155,000	\$1.0000	\$155,000.00	\$0.00	\$0.00	\$31,000.00	\$31,000.00
E	E	OPP	S0254219	4/1/20		2/1/21	11	10	TCO P1042737	WV	70,000	\$0.3400	\$23,800.00	\$0.00	\$0.00	\$2,163.64	\$2,163.64
E	E	OPP	S0255285	4/1/20		2/1/21	11	10	TCO P1042737	WV	70,000	\$0.8200	\$57,400.00	\$0.00	\$0.00	\$5,218.18	\$5,218.18
E	E	OPP	S0255833	6/1/20		2/1/21	9	8	TCO P1042737	WV	140,000	\$1.1200	\$156,800.00	\$0.00	\$0.00	\$17,422.22	\$17,422.22
E	E	OPP	S0256149	9/1/20		2/1/21	6	5	TCO P1042737	WV	140,000	\$1.0000	\$140,000.00	\$0.00	\$0.00	\$23,333.33	\$23,333.33
E	E	OPP	S0254220	4/1/20		3/1/21	12	10	TCO P1042737	WV	77,500	\$0.3400	\$26,350.00	\$0.00	\$0.00	\$2,195.83	\$2,195.83
											1,040,000		\$832,925.00			\$117,060.70	\$117,060.70

FEBRUARY 2021

Columbia Gas of Kentucky, Inc.

Monthly Performance Based Rate Calculation

Flow Period: Feb-21

<u>Ln.</u>	<u>PBR Component Description</u>	Feb-21	
		ESTIMATE	
1	CPS = (TPBR) x ASP	\$39,878.79	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$90,002.55</u>	50% of remainder
3	Total Company Performance Share	\$129,881.34	
4	TCI (includes Marketed CapR)	\$194,120.00	
5	GCI	\$44,422.33	
6	OSSI		
	Sales	\$24,060.00	
	Exch	\$50,332.08	(1)
7	TPBR = (TCI+GCI+OSSI)	\$312,934.41	
8	AGC (**Total Gas Cost)	\$6,646,465.67	
	Sys Supply Purch	\$4,882,833.79	
	Core	\$113,696.80	(est)
	Misc Adjustment	\$0.00	
	Transportation	\$1,649,935.08	
9	2% of AGC	\$132,929.31	
10	PAC = (TPBR) / AGC	4.71%	

Acronyms:

CPS = Company Performance Share

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

**Total Gas Cost = System Supply Purchase + Transportation Costs

(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: Feb-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>Estimate</u>
BENCHMARK	(TBTC)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	209,880	\$4.1850	Demand Vol @ Max Rate	\$878,347.80
							Benchmark Cost	\$951,637.40
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
							CKY Negotiated Cost	\$951,637.40

TCI Negotiated Contract Revenue \$0.00

Marketed Cap Release	TCO	SST	8,000	\$2.3230	\$18,584.00
Marketed Cap Release	TCO	SST	5,500	\$2.5200	\$13,860.00
Marketed Cap Release	TCO	SST	27,200	\$3.0800	\$83,776.00
Marketed Cap Release	TCO	SST	22,500	\$3.3600	\$75,600.00
Marketed Cap Release	TCO	SST	1,000	\$2.3000	\$2,300.00
Marketed Cap Release	TCO	SST	0	\$0.0000	\$0.00

TCI Marketed Capacity Release Revenue \$194,120.00

Total TCI \$194,120.00

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Feb-21	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
							(Rayne)					
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) - ESTIMATE

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

COLUMBIA GAS OF KENTUCKY
SALES Activity Booking Report
Feb-21

DATA * <u>STATUS</u>	SALES <u>TYPE **</u>	SALES <u>CATEGORY</u>	SALES ID	RECEIPT	DELIVERY	CDC	DELIVERY <u>POINT</u>	STATE <u>OF SALE</u>	INVOICED SALES AMOUNTS			ACTUAL AFTER-TAX MARGIN
				FLOW	FLOW				Sales Amounts			
				<u>DATE</u>	<u>DATE</u>				<u>VOLUMES INVOICED</u>	<u>SALES RATE</u>	<u>TOTAL SALE</u>	
									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	2/1/21	2/1/21		TCO P1042737	WV	5,000	\$3.0250	\$15,125.00	\$225.00
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		483,588	24,060

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

ESTIMATED SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	STATE OF SALE	ESTIMATED VOLUMES Dth	SALES RATE \$/Dth	TOTAL SALE \$	COST	SALE	MARGIN
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED							
E	E	OPP	S0255285	4/1/20	2/1/21	2/1/21	11	11	TCO P1042737 WV	70000	\$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	TCO P1042737 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	TCO P1042737 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	TCO P1042737 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	TCO P1042737 WV	77,500	\$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	
1	CPS = (TPBR) x ASP	\$20,395.52	30% of first 2% of AGC
2	CPS = (TPBR) x ASP	<u>\$81,748.07</u>	50% of remainder
3	Total Company Performance Share	\$102,143.59	
4	TCI (includes Marketed CapR)	\$159,030.00	
5	GCI	\$61,895.37	
6	OSSI		
	Sales	\$2,960.01	
	Exch	\$7,595.83	(1)
7	TPBR = (TCI+GCI+OSSI)	\$231,481.21	
8	AGC (**Total Gas Cost)	\$3,399,253.04	
	Sys Supply Purch	\$790,187.50	
	Diversified	\$90,554.10	(est)
	Misc Adjustment	\$0.00	
	Transportation	\$2,518,511.44	
9	2% of AGC	\$67,985.06	
10	PAC = (TPBR) / AGC	6.81%	

Acronyms:

CPS = Company Performance Share

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

**Total Gas Cost = System Supply Purchase + Transportation Costs

(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

		<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)	Tenn	352234	FTA	16,000	\$4.5806	Demand Vol @ Max Rate	\$73,289.60
		TCO	80160	SST	209,880	\$4.1850	Demand Vol @ Max Rate Benchmark Cost	\$878,347.80 \$951,637.40
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 CKY Negotiated Cost	\$878,347.80 \$951,637.40
TCI Negotiated Contract Revenue								\$0.00
Marketed Cap Release		TCO	SST		18,000	\$3.7200		\$66,960.00
Marketed Cap Release		TCO	SST		27,000	\$3.4100		\$92,070.00
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								\$159,030.00
Total TCI								\$159,030.00

BENCHMARK CALCULATION PER 7/24/20 CKY PSC ORDER - CASE NO. 2017-00453				
	Mar-21	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: 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

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	\$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

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

SALES AMOUNTS

DATA STATUS	SALES TYPE**	EXCH TYPE	SALES ID	RECEIPT	DELIVERY	INVOICE MONTH	# OF	# OF	STATE OF SALE	VOLUMES Dth	RATE \$/Dth	SALE \$	COST	SALE	MARGIN
				FLOW DATE	FLOW DATE		MONTHS IN TERM	MONTHS EXPIRED							
E	E	OPP	S0254220	4/1/20	3/1/21	3/1/21	12	12	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	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	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	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

PIPELINE COMPANY TARIFF SHEETS

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

V.1.
 Currently Effective Rates
 FTS Rates
 Version 68.0.0

Currently Effective Rates
 Applicable to Rate Schedule FTS
 Rate Per Dth

	Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	MCRM Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Rate Schedule FTS							
Reservation Charge 3/ Commodity	\$ 12.237	0.277	0.103	.048	0.00	12.665	0.4164
Maximum	¢ 0.80	0.10	0.66	0.00	0.00	1.56	1.56
Minimum	¢ 0.80	0.10	0.66	0.00	0.00	1.56	1.56
Overrun							
Maximum	¢ 41.03	1.01	1.00	0.16	0.00	43.20	43.20
Minimum	¢ 0.80	0.10	0.66	0.00	0.00	1.56	1.56

- 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.

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

V.8.
 Currently Effective Rates
 SST Rates
 Version 68.0.0

Currently Effective Rates
 Applicable to Rate Schedule SST
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	MCRM Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Rate Schedule SST								
Reservation Charge 3/ Commodity	\$	12.236	0.277	0.103	0.048	0.00	12.664	0.4164
Maximum	¢	0.80	0.10	0.66	0.00	0.00	1.56	1.56
Minimum	¢	0.80	0.10	0.66	0.00	0.00	1.56	1.56
Overrun 4/								
Maximum	¢	41.03	1.01	1.00	0.16	0.00	43.20	43.20
Minimum	¢	0.80	0.10	0.66	0.00	0.00	1.56	1.56

- 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.

RETAINAGE PERCENTAGES

Transportation Retainage	1.608%
Transportation Retainage – FT-C 1/	0.282%
Gathering Retainage	6.000%
Storage Gas Loss Retainage	0.622%
Ohio Storage Gas Loss Retainage	0.037%
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.

Annual F&LR and EPCR Adjustment - effective 4/01/2021, Subject to Refund and Outcome of Hearing

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

Receipt From	Delivery To							
	Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Res	\$4.8571		\$10.1498	\$13.6529	\$13.8945	\$15.2673	\$16.2055	\$20.3323
Usg-Max	0.0032		0.0115	0.0177	0.0219	0.2339	0.2232	0.2656
Usg-Min	0.0032		0.0115	0.0177	0.0219	0.0250	0.0284	0.0346
Overrun	0.1624		0.3435	0.4639	0.4754	0.7358	0.7559	0.9341
Zone L								
Res		\$4.3119						
Usg-Max		0.0012						
Usg-Min		0.0012						
Overrun		0.1428						
Zone 1								
Res	\$7.3119		\$7.0090	\$9.3276	\$13.2135	\$13.0132	\$14.6759	\$18.0462
Usg-Max	0.0042		0.0081	0.0147	0.0179	0.1989	0.2028	0.2315
Usg-Min	0.0042		0.0081	0.0147	0.0179	0.0210	0.0256	0.0300
Overrun	0.2440		0.2373	0.3192	0.4496	0.6267	0.6853	0.8247
Zone 2								
Res	\$13.6530		\$9.2716	\$4.8222	\$4.5078	\$5.7679	\$7.9331	\$10.2407
Usg-Max	0.0167		0.0087	0.0012	0.0028	0.0644	0.1032	0.1144
Usg-Min	0.0167		0.0087	0.0012	0.0028	0.0056	0.0100	0.0143
Overrun	0.4631		0.3122	0.1596	0.1505	0.254	0.3641	0.4511
Zone 3								
Res	\$13.8945		\$7.3440	\$4.8611	\$3.5070	\$5.3870	\$9.7428	\$11.2581
Usg-Max	0.0207		0.0169	0.0026	0.0002	0.0860	0.1190	0.1300
Usg-Min	0.0207		0.0169	0.0026	0.0002	0.0081	0.0118	0.0163
Overrun	0.4744		0.2559	0.1621	0.1155	0.2631	0.4394	0.5
Zone 4								
Res	\$17.6413		\$16.2638	\$6.1979	\$9.4190	\$4.6105	\$4.9861	\$7.1232
Usg-Max	0.0250		0.0205	0.0087	0.0105	0.0398	0.0563	0.0912
Usg-Min	0.0250		0.0205	0.0087	0.0105	0.0028	0.0046	0.0092
Overrun	0.6012		0.5521	0.2111	0.3186	0.1914	0.2203	0.3254
Zone 5								
Res	\$21.0347		\$14.7807	\$6.5015	\$7.8669	\$5.1218	\$4.8044	\$6.2544
Usg-Max	0.0284		0.0256	0.0100	0.0118	0.0560	0.0555	0.0689
Usg-Min	0.0284		0.0256	0.0100	0.0118	0.0046	0.0046	0.0066
Overrun	0.7156		0.5077	0.2221	0.2687	0.2245	0.2135	0.2747
Zone 6								
Res	\$24.3333		\$16.9768	\$11.6840	\$12.8717	\$9.0920	\$4.7831	\$4.1405
Usg-Max	0.0346		0.0300	0.0143	0.0163	0.0862	0.0467	0.0284
Usg-Min	0.0346		0.0300	0.0143	0.0163	0.0086	0.0041	0.0020
Overrun	0.8294		0.5836	0.3963	0.437	0.3851	0.2039	0.1645

INTERRUPTIBLE TRANSPORTATION 1\

Receipt From	Delivery To							
	Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Usg-Max	\$0.1624		\$0.3435	\$0.4639	\$0.4754	\$0.7358	\$0.7559	\$0.9341
Usg-Min	0.0032		0.0115	0.0177	0.0219	0.0250	0.0284	0.0346
Zone L								
Usg-Max		\$0.1428						
Usg-Min		0.0012						
Zone 1								
Usg-Max	\$0.2440		\$0.2373	\$0.3192	\$0.4496	\$0.6267	\$0.6853	\$0.8247
Usg-Min	0.0042		0.0081	0.0147	0.0179	0.0210	0.0256	0.0300
Zone 2								
Usg-Max	\$0.4631		\$0.3122	\$0.1596	\$0.1505	\$0.2540	\$0.3641	\$0.4511
Usg-Min	0.0167		0.0087	0.0012	0.0028	0.0056	0.0100	0.0143
Zone 3								
Usg-Max	\$0.4744		\$0.2559	\$0.1621	\$0.1155	\$0.2631	\$0.4394	\$0.5000
Usg-Min	0.0207		0.0169	0.0026	0.0002	0.0081	0.0118	0.0163
Zone 4								
Usg-Max	\$0.6012		\$0.5521	\$0.2111	\$0.3186	\$0.1914	\$0.2203	\$0.3254
Usg-Min	0.0250		0.0205	0.0087	0.0105	0.0028	0.0046	0.0092
Zone 5								
Usg-Max	\$0.7156		\$0.5077	\$0.2221	\$0.2687	\$0.2245	\$0.2135	\$0.2747
Usg-Min	0.0284		0.0256	0.0100	0.0118	0.0046	0.0046	0.0066
Zone 6								
Usg-Max	\$0.8294		\$0.5836	\$0.3963	\$0.4370	\$0.3851	\$0.2039	\$0.1645
Usg-Min	0.0346		0.0300	0.0143	0.0163	0.0086	0.0041	0.0020

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

Receipt Zone	Delivery Zone							
	0	L	1	2	3	4	5	6
0	0.43%		1.54%	2.34%	2.97%	3.59%	4.08%	4.66%
L		0.16%						
1	0.56%		1.09%	1.96%	2.43%	2.92%	3.55%	4.06%
2	2.40%		1.17%	0.15%	0.38%	0.79%	1.44%	1.96%
3	2.97%		2.37%	0.38%	0.03%	1.14%	1.67%	2.26%
4	3.46%		2.71%	1.16%	1.40%	0.40%	0.66%	1.22%
5	4.08%		3.55%	1.42%	1.67%	0.66%	0.65%	0.86%
6	4.88%		4.06%	1.96%	2.26%	1.14%	0.50%	0.20%

ELECTRIC POWER COST RATES (EPCR)

Receipt Zone	Delivery Zone							
	0	L	1	2	3	4	5	6
0	\$0.0021		\$0.0081	\$0.0125	\$0.0155	\$0.0188	\$0.0214	\$0.0256
L		0.0007						
1	0.0028		0.0057	0.0104	0.0127	0.0157	0.0193	0.0221
2	0.0125		0.0061	0.0007	0.0018	0.0041	0.0074	0.0102
3	0.0155		0.0127	0.0018	0.0000	0.0060	0.0088	0.0118
4	0.0188		0.0145	0.0060	0.0074	0.0019	0.0034	0.0063
5	0.0214		0.0193	0.0074	0.0088	0.0033	0.0033	0.0044
6	0.0256		0.0221	0.0102	0.0118	0.0059	0.0025	0.0009

1\ Rates are exclusive of surcharges.

	FT-A	IT
ACA Commodity Surcharge	\$0.0011	\$0.0011
PS-GHG Reservation Surcharge	\$0.0413	
PS-GHG Commodity Surcharge	\$0.0016	\$0.0030

2\ Losses of 0.00% are included in the Transportation F&LR.

Service rendered solely through displacement and for gas scheduled and allocated for receipt at the Dracut, Massachusetts receipt point, Shipper shall render only the quantity of gas associated with Losses of 0.00%.

Annual F&LR and EPCR Adjustment - effective 4/01/2021, Subject to Refund and Outcome of Hearing

FIRM TRANSPORTATION: FT-GS 1\

Receipt From	Delivery To							
	Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Usg-Max	\$0.2689		\$0.5659	\$0.7632	\$0.7799	\$1.0705	\$1.1111	\$1.3797
Usg-Min	0.0032		0.0115	0.0177	0.0219	0.0250	0.0284	0.0346
Overrun	0.2689		0.5659	0.7632	0.7799	1.0705	1.1111	1.3797
Zone L								
Usg-Max		\$0.2373						
Usg-Min		0.0012						
Overrun		0.2373						
Zone 1								
Usg-Max	\$0.4042		\$0.3909	\$0.5236	\$0.7393	\$0.9119	\$1.0070	\$1.2203
Usg-Min	0.0042		0.0081	0.0147	0.0179	0.0210	0.0256	0.0300
Overrun	0.4042		0.3909	0.5236	0.7393	0.9119	1.0070	1.2203
Zone 2								
Usg-Max	\$0.7624		\$0.5154	\$0.2653	\$0.2494	\$0.3804	\$0.5380	\$0.6755
Usg-Min	0.0167		0.0087	0.0012	0.0028	0.0056	0.0100	0.0143
Overrun	0.7624		0.5154	0.2653	0.2494	0.3804	0.5380	0.6755
Zone 3								
Usg-Max	\$0.7789		\$0.4168	\$0.2686	\$0.1923	\$0.3813	\$0.6529	\$0.7468
Usg-Min	0.0207		0.0169	0.0026	0.0002	0.0081	0.0118	0.0163
Overrun	0.7789		0.4168	0.2686	0.1923	0.3813	0.6529	0.7468
Zone 4								
Usg-Max	\$0.9879		\$0.9086	\$0.3471	\$0.5250	\$0.2924	\$0.3294	\$0.4816
Usg-Min	0.0250		0.0205	0.0087	0.0105	0.0028	0.0046	0.0092
Overrun	0.9879		0.9086	0.3471	0.5250	0.2924	0.3294	0.4816
Zone 5								
Usg-Max	\$1.1767		\$0.8317	\$0.3648	\$0.4411	\$0.3367	\$0.3189	\$0.4116
Usg-Min	0.0284		0.0256	0.0100	0.0118	0.0046	0.0046	0.0066
Overrun	1.1767		0.8317	0.3648	0.4411	0.3367	0.3189	0.4116
Zone 6								
Usg-Max	\$1.3628		\$0.9557	\$0.6524	\$0.7191	\$0.5844	\$0.3087	\$0.2553
Usg-Min	0.0346		0.0300	0.0143	0.0163	0.0086	0.0041	0.0020
Overrun	1.3628		0.9557	0.6524	0.7191	0.5844	0.3087	0.2553

EXTENDED DELIVERY SERVICE / EXTENDED RECEIPT SERVICE 1\

Receipt From	Delivery To							
	Zone 0	Zone L	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Zone 0								
Daily Res			\$0.3337	\$0.4488	\$0.4568	\$0.5019	\$0.5328	\$0.6685
Zone L								
Daily Res								
Zone 1								
Daily Res	\$0.2404			\$0.3067	\$0.4344	\$0.4278	\$0.4825	\$0.5932
Zone 2								
Daily Res	\$0.4488		\$0.3048	\$0.0000	\$0.1482	\$0.1897	\$0.2609	\$0.3367
Zone 3								
Daily Res	\$0.4568		\$0.2415	\$0.1598		\$0.1771	\$0.3204	\$0.3701
Zone 4								
Daily Res	\$0.5800		\$0.5348	\$0.2037	\$0.3097		\$0.1640	\$0.2341
Zone 5								
Daily Res	\$0.6915		\$0.4860	\$0.2136	\$0.2587	\$0.1684		\$0.2057
Zone 6								
Daily Res	\$0.8000		\$0.5581	\$0.3841	\$0.4232	\$0.2988	\$0.1573	

STORAGE SERVICE 2\

	Deliverability	Capacity	Ini./With.	Overrun	F&LR	EPCR
FS-PA	\$1.7824	\$0.0181	\$0.0073	\$0.2139	1.62%	\$0.0000
FS-MA	\$1.3094	0.0179	0.0087	0.1572	1.62%	0.0000
IS-PA		0.0893	0.0073		1.62%	0.0000
IS-MA		0.0720	0.0087		1.62%	0.0000

PARK AND LOAN SERVICE

PAL Daily Rate	\$0.3478
PAL Term Rate	\$0.3478

1\ Rates are exclusive of surcharges.

	FT-GS
ACA Commodity Surcharge	\$0.0011
PS-GHG Commodity Surcharge	\$0.0039

2\ Losses of 0.03% are included in the Storage F&LR.

THIRD PARTY PAYMENT AGREEMENT

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

- A. CKY owns all of the outstanding voting securities of Central Kentucky Transmission Company, a Delaware corporation ("Co-Owner"). Co-Owner is engaged in the interstate transportation of gas and owns a 25 percent undivided interest in Owner-Operator's line KA-1 North interstate transmission pipeline and appurtenant facilities (the "Pipeline"). The Pipeline is Co-Owner's only asset subject to the jurisdiction of the Federal Energy Regulatory Commission (the "FERC"). CKY holds all of the shipping capacity on Co-Owner's portion of the Pipeline. The remaining 75 percent undivided interest in the Pipeline is owned by Owner-Operator.
- B. Owner-Operator and Co-Owner are parties to that certain Operating Agreement dated as of March 18, 2005, as amended by that certain Amendment to Operating Agreement dated as of April 25, 2006 and by that certain Second Amendment to Operating Agreement dated July 1, 2015 (the "Existing Operating Agreement") wherein Owner-Operator and Co-Owner have agreed to the terms and conditions regarding the provision of Operational Services and Commercial Services by Owner-Operator to Co-Owner. Capitalized terms used and not otherwise defined herein have the respective meanings given to such terms in the Operating Agreement.
- C. Pursuant to the Existing Operating Agreement, Co-Owner pays Owner-Operator a Flat Monthly Charge for Operational Services equal to \$7,300, and a Flat Monthly Charge for Commercial Services equal to \$8,333. \$6,000 per month of the Flat Monthly Charge for Operational Services is recovered by Co-Owner through Co-Owner's tariff rates for shipping service on file with the FERC. The remaining \$1,300 of the Flat Monthly Charge for Operational Services and the \$8,333 Flat Monthly Charge for Commercial Services (collectively, such amount being referred to herein as the "Incremental Monthly Charges") is not being recovered by Co-Owner through rates or otherwise.
- D. To avoid the expense and delay in time that would be required for Co-Owner to file an application with FERC to increase Co-Owner's tariff rates so that Co-Owner could recover through rates the Incremental Monthly Charge, which would be paid entirely by CKY, CKY and Co-Owner desire instead to have CKY pay Owner-Operator monthly the amount of the Incremental Monthly Charge.
- E. Contemporaneously with the execution and delivery of this Agreement, Co-Owner and Owner-Operator are executing and delivering that certain Third Amendment to Operating Agreement dated as of the date hereof (the "Third Amendment") whereby Owner-Operator and Co-Owner are amending the Existing Operating Agreement to

provide that Owner-Operator will invoice CKY monthly for the Incremental Monthly Charge.

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

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

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

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

3. Term; Termination.

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

- b. This Agreement may be terminated:
- i. by CKY, for any reason or for convenience, upon thirty (30) days prior written notice to Owner-Operator; or
 - ii. by Owner-Operator, upon fifteen (15) days prior written notice to CKY, in the event CKY fails to make any payment required to be made under this Agreement when due and such failure continues for a period of forty-five (45) days; or
 - iii. by either party, upon written notice to the other, in the event such other Party files a voluntary petition in bankruptcy or reorganization or fails to have such a petition filed against it dismissed within thirty (30) days or admits in writing its insolvency or inability to pay its liabilities as they come due, or assigns its assets for the benefit of creditors, or suffers a receiver to be appointed for its assets or suspends its business;
 - iv. immediately, without the requirement of notice by or to any Party, in the event that Co-Owner files a voluntary petition in bankruptcy or reorganization or fails to have such a petition filed against it dismissed within thirty (30) days or admits in writing its insolvency or inability to pay its liabilities as they come due, or assigns its assets for the benefit of creditors, or suffers a receiver to be appointed for its assets or suspends its business.

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

If to CKY:

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

with a copy to:

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



If to Owner-Operator:

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

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

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

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

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

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

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

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

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

COLUMBIA GAS TRANSMISSION, LLC

✱

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

COLUMBIA GAS OF KENTUCKY, INC.

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

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	16.00			16.00	
Delivery Charge per Mcf	3.5665 ^{3/}	2.0108	2.9069	8.4842	I
<u>RATE SCHEDULE GSO</u>					
<u>Commercial or Industrial</u>					
Customer Charge per billing period	44.69			44.69	
Delivery Charge per Mcf -					
First 50 Mcf or less per billing period	3.0181 ^{3/}	2.0108	2.9069	7.9358	I
Next 350 Mcf per billing period	2.3295 ^{3/}	2.0108	2.9069	7.2472	I
Next 600 Mcf per billing period	2.2143 ^{3/}	2.0108	2.9069	7.1320	I
Over 1,000 Mcf per billing period	2.0143 ^{3/}	2.0108	2.9069	6.9320	I
<u>RATE SCHEDULE IS</u>					
Customer Charge per billing period	2007.00			2007.00	
Delivery Charge per Mcf					
First 30,000 Mcf per billing period	0.6285 ^{3/}		2.9069 ^{2/}	3.5354	I
Next 70,000 Mcf per billing period	0.3737 ^{3/}		2.9069 ^{2/}	3.2806	I
Over 100,000 Mcf per billing period	0.3247 ^{3/}		2.9069 ^{2/}	3.2316	I
Firm Service Demand Charge					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		11.9599		11.9599	I
<u>RATE SCHEDULE IUS</u>					
Customer Charge per billing period	567.40			567.40	
Delivery Charge per Mcf					
For All Volumes Delivered	1.1544 ^{3/}	2.0108	2.9069	6.0721	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 \$4.9142 per Mcf only for those months of the prior twelve months during which they were served under Rate Schedule SVGTS. I

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

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

DATE OF ISSUE April 29, 2021
DATE EFFECTIVE May 28, 2021 (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^{3/}</u> \$	
<u>RATE SCHEDULE SS</u>					
Standby Service Demand Charge per Mcf					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		11.9599		11.9599	I
Standby Service Commodity Charge per Mcf			2.9069	2.9069	I
<u>RATE SCHEDULE DS</u>					
Customer Charge per billing period ^{2/}				2007.00	
Customer Charge per billing period (GDS only)				44.69	
Customer Charge per billing period (IUDS only)				567.40	
<u>Delivery Charge per Mcf^{2/}</u>					
First 30,000 Mcf	0.6285 ^{3/}			0.6285	
Next 70,000 Mcf	0.3737 ^{3/}			0.3737	
Over 100,000 Mcf	0.3247 ^{3/}			0.3247	
– Grandfathered Delivery Service					
First 50 Mcf or less per billing period				3.0181 ^{3/}	
Next 350 Mcf per billing period				2.3295 ^{3/}	
Next 600 Mcf per billing period				2.2143 ^{3/}	
All Over 1,000 Mcf per billing period				2.0143 ^{3/}	
– Intrastate Utility Delivery Service					
All Volumes per billing period				1.1544 ^{3/}	
Banking and Balancing Service					
Rate per Mcf		0.0469		0.0469	
<u>RATE SCHEDULE MLDS</u>					
Customer Charge per billing period				255.90	
Delivery Charge per Mcf				0.0858	
Banking and Balancing Service					
Rate per Mcf		0.0469		0.0469	

^{1/} The Gas Cost Adjustment, as shown, is an adjustment per Mcf determined in accordance with the "Gas Cost Adjustment Clause" as set forth on Sheets 48 through 51 of this Tariff.

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

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

DATE OF ISSUE April 29, 2021

DATE EFFECTIVE May 28, 2021 (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	16.00
Delivery Charge per Mcf	3.5665 ^{2/}
<u>General Service Other - Commercial or Industrial (SVGTS GSO)</u>	
Customer Charge per billing period	44.69
Delivery Charge per Mcf -	
First 50 Mcf or less per billing period	3.0181 ^{2/}
Next 350 Mcf per billing period	2.3295 ^{2/}
Next 600 Mcf per billing period	2.2143 ^{2/}
Over 1,000 Mcf per billing period	2.0143 ^{2/}
<u>Intrastate Utility Service</u>	
Customer Charge per billing period	567.40
Delivery Charge per Mcf	\$ 1.1544 ^{2/}

Billing Rate

Actual Gas Cost Adjustment ^{1/}

For all volumes per billing period per Mcf	\$0.1440	I
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RATE SCHEDULE SVAS

Balancing Charge – per Mcf	\$1.4565	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.

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

DATE OF ISSUE	April 29, 2021
DATE EFFECTIVE	May 28, 2021 (Unit 1 June)
ISSUED BY	/s/ Kimra H. Cole
TITLE	President & Chief Operating Officer