

**BEFORE THE  
PUBLIC SERVICE COMMISSION  
OF KENTUCKY**

**COLUMBIA GAS OF KENTUCKY, INC.**

**CASE 2021 – 00403**

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

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

Line No.	Sept 2021 <u>CURRENT</u>	Dec 21 <u>PROPOSED</u>	<u>DIFFERENCE</u>	
1	Commodity Cost of Gas	\$3.5171	\$6.9187	\$3.4016
2	Demand Cost of Gas	<u>\$2.1526</u>	<u>\$1.6682</u>	<u>(\$0.4844)</u>
3	Total: Expected Gas Cost (EGC)	\$5.6697	\$8.5869	\$2.9172
4	SAS Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
5	Balancing Adjustment	(\$0.0429)	\$0.0070	\$0.0499
6	Supplier Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
7	Actual Cost Adjustment	(\$0.3794)	\$0.2640	\$0.6434
8	Performance Based Rate Adjustment	<u>\$0.1555</u>	<u>\$0.1555</u>	<u>\$0.0000</u>
9	Cost of Gas to Tariff Customers (GCA)	\$5.4029	\$9.0134	\$3.6105
10	Transportation TOP Refund Adjustment	\$0.0000	\$0.0000	\$0.0000
11	Banking and Balancing Service	\$0.0469	\$0.0320	(\$0.0149)
12	Rate Schedule FI and GSO			
13	Customer Demand Charge	\$11.9675	\$9.2423	(\$2.7252)

Columbia Gas of Kentucky, Inc.

Gas Cost Adjustment Clause

Gas Cost Recovery Rate

Dec 21 - Feb 22

<u>Line No.</u>	<u>Description</u>		<u>Amount</u>	<u>Expires</u>
1	Expected Gas Cost (EGC)	Schedule No. 1	\$8.5869	11-30-22
2	Total Actual Cost Adjustment (ACA)	Schedule No. 2	\$0.2640	
		Case No. 2021-00027	\$0.1471	02-28-22
		Case No. 2021-00184	(\$0.1571)	05-31-22
		Case No. 2021-00308	(\$0.2736)	08-31-22
		Case No. 2021-00403	\$0.5476	11-30-22
3	Total Supplier Refund Adjustment (RA)	Schedule No. 4	\$0.0000	
4	Balancing Adjustment (BA)	Schedule No. 3	\$0.0070	11-30-22
5	Performance Based Rate Adjustment (PBRA)	Schedule No. 6	\$0.1555	05-31-22
6	Gas Cost Adjustment			
7	Dec 21 - Feb 22		<u>\$9.0134</u>	
8	Expected Demand Cost (EDC) per Mcf			
9	(Applicable to Rate Schedule IS/SS and GSO)	Schedule No. 1, Sheet 4	<u>\$9.2423</u>	

DATE FILED: October 29, 2021

BY: J. M. Cooper

**Columbia Gas of Kentucky, Inc.**  
**Expected Gas Cost for Sales Customers**  
**Dec 21 - Feb 22**

**Schedule No. 1**  
**Sheet 1**

Line No.	Description	Reference	Volume A/		Rate		Cost
			Mcf (1)	Dth. (2)	Per Mcf (3)	Per Dth (4)	
<b>Storage Supply</b>							
Includes storage activity for sales customers only							
Commodity Charge							
1	Withdrawal			(5,861,889)		\$0.0150	\$87,928
2	Injection			2,351		\$0.0150	\$35
3	Withdrawals: gas cost includes pipeline fuel and commodity charges			5,859,539		\$5.2552	\$30,793,047
Total							
4	Volume	Line 3		5,859,539			
5	Cost	Line 1 + Line 2 + Line 3					\$30,881,010
6	Summary	Line 4 or Line 5		5,859,539			\$30,881,010
<b>Flowing Supply</b>							
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		144,219			\$5,340,425
8	Appalachian Supplies	Sch.1, Sht. 6, Ln. 4		115,966			\$629,930
9	Less Fuel Retention By Interstate Pipelines	Sch. 1,Sheet 7, Lines 21, 22		(135,185)			(\$459,504)
10	Total	Line 7 + Line 8 + Line 9		125,000			\$5,510,851
<b>Total Supply</b>							
11	At City-Gate	Line 6 + Line 10		5,984,538			\$36,391,861
Lost and Unaccounted For							
12	Factor			-0.4%			
13	Volume	Line 11 * Line 12		(23,938)			
14	At Customer Meter	Line 11 + Line 13	5,413,806	5,960,600			
15	Less: Right-of-Way Contract Volume			1,613			
16	<b>Sales Volume</b>	Line 14-Line 15	5,412,193				
<b>Unit Costs \$/MCF</b>							
Commodity Cost							
17	Excluding Cost of Pipeline Retention	Line 11 / Line 16				\$6.7241	
18	Annualized Unit Cost of Retention	Sch. 1,Sheet 7, Line 24				<u>\$0.1313</u>	
19	Including Cost of Pipeline Retention	Line 17 + Line 18				\$6.8554	
20	Uncollectible Ratio	CN 2016-00162				<u>0.00923329</u>	
21	Gas Cost Uncollectible Charge	Line 19 * Line 20				<u>\$0.0633</u>	
22	Total Commodity Cost	Line 19 + Line 21				<u>\$6.9187</u>	
23	Demand Cost	Sch.1, Sht. 2, Line 10				<u>\$1.6682</u>	
24	Total Expected Gas Cost (EGC)	Line 22 + Line 23				\$8.5869	

A/ BTU Factor = 1.1010 Dth/MCF

**Columbia Gas of Kentucky, Inc.**  
**GCA Unit Demand Cost**  
**Dec 21 - Feb 22**

Schedule No. 1  
Sheet 2

<u>Line No.</u>	<u>Description</u>	<u>Reference</u>	<u>Cost</u>
1	Expected Demand Cost: Annual Dec 21 - Feb 22	Sch. No.1, Sheet 3, Ln. 11	\$23,674,092
2	Less Rate Schedule IS/SS and GSO Customer Demand Charge Recovery	Sch. No.1, Sheet 4, Ln. 10	(\$115,344)
3	Less Storage Service Recovery from Delivery Service Customers		<u>(\$318,243)</u>
4	Net Demand Cost Applicable	Line 1 + Line 2 + Line 3	\$23,240,505
	Projected Annual Demand: Sales + Choice		
	At city-gate		
	In Dth		15,403,473 Dth
	Heat content		1.1010 Dth/MCF
5	In MCF		13,990,439 MCF
	Lost and Unaccounted - For		
6	Factor		0.4%
7	Volume	Line 5 x Line 6	55,962 MCF
8	Right of way Volumes		<u>3,010</u> MCF
9	At Customer Meter	Line 5 - Line 7 - Line 8	<u>13,931,467</u> MCF
10	Unit Demand Cost -- To Sheet 1, Line 23	Line 4 / Line 9	\$1.6682 per MCF

**Columbia Gas of Kentucky, Inc.**  
**Annual Demand Cost of Interstate Pipeline Capacity**  
 Dec 21 - Nov 22

Schedule No. 1  
 Sheet 3

Line No.	Description	Dth	Monthly Rate \$/Dth	# Months	Expected Annual Demand Cost
<b>Columbia Gas Transmission Corporation</b>					
Firm Storage Service (FSS)					
1	FSS Seasonal Contract Quantity (SCQ)	10,703,880	\$0.0447	12	\$5,741,561
2	FSS Max Daily Storage Quantity (MDSQ)	209,880	\$2.4810	12	\$6,248,547
Storage Service Transportation (SST)					
3	Summer	104,940	\$4.1850	6	\$2,635,043
4	Winter	209,880	\$4.1850	6	\$5,270,087
5	Firm Transportation Service (FTS)	20,014	\$9.5920	12	\$2,303,691
6	Firm Transportation Service (FTS)	5,124	\$9.5920	12	\$589,793
7	Subtotal -- Sum of Lines 1 through 6				\$22,788,722
<b>Tennessee Gas</b>					
8	Firm Transportation	16,000	\$4.6113	12	\$885,370
<b>Central Kentucky Transmission</b>					
9	Firm Transportation	0	\$0.0000	12	\$0
10	Operational and Commercial Services Charge		\$0	12	\$0
11	<b>Total -- Sum of Lines 7 through 11 -- To Sheet 2, line 1</b>				<b>\$23,674,092</b>

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

Dec 21 - Nov 22

Line No.	Description	Capacity			Units	Annual Cost
		Daily (1)	# Months (2)	Annualized (3) = (1) x (2)		
1	Expected Demand Costs (Per Sheet 3)					\$23,674,092
	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			\$9.2423	/Mcf	
9	Firm Volumes of IS/SS and GSO Customers	1,040	12	12,480	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	\$115,344

**Columbia Gas of Kentucky, Inc.**  
**Non-Appalachian Supply: Volume and Cost**  
**Dec 21 - Feb 22**

Schedule No. 1  
 Sheet 5

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

Line No.	Month	Total Flowing Supply Including Gas Injected Into Storage			Net Storage Injection	Net Flowing Supply for Current Consumption	
		Volume A/ Dth (1)	Cost (2)	Unit Cost \$/Dth (3) = (2) / (1)		Dth (4)	Volume Dth (5) = (1) + (4)
1	Dec 21	49,534	\$1,797,028		0	49,534	
2	Jan-22	52,272	\$1,878,386		0	52,272	
3	Feb-22	42,413	\$1,664,764		0	42,413	
4	Total -- Sum of Lines 1 through 3	144,219	\$5,340,178	\$37.03	0	144,219	\$5,340,425

A/ Gross, before retention.



**Columbia Gas of Kentucky, Inc.**  
**Appalachian Supply: Volume and Cost**  
Dec 21 - Feb 22

**Schedule No. 1**  
**Sheet 6**

<u>Line</u> <u>No.</u>	<u>Month</u>	<u>Dth</u> (2)	<u>Cost</u> (3)
1	Dec 21	35,621	\$191,817
2	Jan-22	39,782	\$218,126
3	Feb-22	40,563	\$219,987
4	Total -- Sum of Lines 1 through 3	115,966	\$629,930

**Columbia Gas of Kentucky, Inc.**  
**Annualized Unit Charge for Gas Retained by Upstream Pipelines**  
 Dec 21 - Feb 22

Schedule No. 1  
 Sheet 7

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

Line No.	Description	Units					Annual
			#REF!	#REF!	#REF!	#REF!	#REF!
Gas purchased by CKY for the remaining sales customers							
1	Volume	Dth	260,185	3,907,637	5,490,263	2,473,130	12,131,215
2	Commodity Cost Including Transportation		\$5,970,108	\$12,428,224	\$16,201,683	\$6,634,886	\$41,234,901
3	Unit cost	\$/Dth					\$3.3991
Consumption by the remaining sales customers							
4	At city gate	Dth	6,960,904	2,729,568	665,135	2,107,770	12,463,377
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	6,933,060	2,718,650	662,474	2,099,339	12,413,523
7	Heat content	Dth/MCF	1.1010	1.1010	1.1010	1.1010	
8	In MCF = Line 6 / Line 7	MCF	6,297,057	2,469,255	601,702	1,906,757	11,274,771
9	Portion of annual -- Line 8 / Annual		55.9%	21.9%	5.3%	16.9%	100.0%
Gas retained by upstream pipelines							
10	Volume	Dth	135,185	107,784	120,071	72,256	435,296
Cost							
11	Quarterly -- Deduct from Sheet 1 -- Line 3 x Line 10		To Sheet 1, line 9 \$459,504	\$366,366	\$408,130	\$245,604	\$1,479,604
12	Allocated to quarters by consumption		\$827,099	\$324,033	\$78,419	\$250,053	\$1,479,604
13	Annualized unit charge -- Line 12 / Line 8	\$/MCF	To Sheet 1, line 18 \$0.1313	\$0.1312	\$0.1303	\$0.1311	\$0.1312

**COLUMBIA GAS OF KENTUCKY, INC.**

Schedule No. 1

Sheet 8

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

<b>Line No.</b>	<b>Description</b>	<b>Dth</b>	<b>Detail</b>	<b>Amount For Transportation Customers</b>
1	Total Storage Capacity -- From Sheet 3, Line 2	10,703,880		
2	Net Transportation Volume	10,949,071		
3	Contract Tolerance Level @ 5%	547,454		
4	Percent of Annual Storage Applicable 5 to Transportation Customers		5.11%	
6	Seasonal Contract Quantity (SCQ)			
7	Rate		\$0.0447	
8	SCQ Charge - Annualized		<u>\$5,741,561</u>	
9	Amount Applicable To Transportation Customers			<b>\$293,394</b>
10	FSS Injection and Withdrawal Charge			
11	Rate		0.0300	
12	Total Cost		<u>\$321,116</u>	
13	Amount Applicable To Transportation Customers			<b>\$16,409</b>
14	SST Commodity Charge			
15	Rate		0.0168	
16	Projected Annual Storage Withdrawal, Dth		9,831,731	
17	Total Cost		<u>\$165,173</u>	
18	Amount Applicable To Transportation Customers			<b><u>\$8,440</u></b>
19	Total Cost Applicable To Transportation Customers			<b><u>\$318,243</u></b>
20	Total Transportation Volume - Mcf			16,921,560
21	Flex and Special Contract Transportation Volume - Mcf			(6,976,900)
22	Net Transportation Volume - Mcf -- Line 20 + Line 21			9,944,660
23	Banking and Balancing Rate - Mcf -- Line 19 / Line 22 - To Line 11 of the GCA Comparison			<b><u>\$0.0320</u></b>

**DETAIL SUPPORTING  
DEMAND/COMMODITY SPLIT**

**COLUMBIA GAS OF KENTUCKY**  
**CASE NO. 2021-00403 Effective December 2021 Billing Cycle**

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

	\$/MCF
<b>Demand Component of Gas Cost Adjustment</b>	
Demand Cost of Gas (Schedule No. 1, Sheet 1, Line 23)	\$1.6682
Demand ACA (Schedule No. 2, Sheet 1, Case No. 2021-00027, Case No. 2021-00184, Case No. 2021-00308, & Case No. 2021-00403)	(\$0.0585)
Refund Adjustment (Schedule No. 4, Case No. 2021-00403)	<u>\$0.0000</u>
Total Demand Rate per Mcf	\$1.6097
<b>Commodity Component of Gas Cost Adjustment</b>	
Commodity Cost of Gas (Schedule No. 1, Sheet 1, Line 22)	\$6.9187
Commodity ACA (Schedule No. 2, Sheet 1, Case No. Case No. 2021-00027, Case No. 2021-00184, Case No. 2021-00308, & Case No. 2021-00403)	\$0.3225
Balancing Adjustment	\$0.0070
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2021-00184)	<u>\$0.1555</u>
Total Commodity Rate per Mcf	\$7.4037
CHECI	\$1.6097
COST OF GAS TO TARIFF CUSTOMERS (GCA)	<u>\$7.4037</u> \$9.0134
<b>Calculation of Rate Schedule SVGTS - Actual Gas Cost Adjustment</b>	
Commodity ACA (Schedule No. 2, Sheet 1, Case No. Case No. 2021-00027, Case No. 2021-00184, Case No. 2021-00308, & Case No. 2021-00403)	\$0.3225
Balancing Adjustment	\$0.0070
Performance Based Rate Adjustment (Schedule No. 6, Case No. 2021-00184)	<u>\$0.1555</u>
Total Commodity Rate per Mcf	<u><u>\$0.4850</u></u>



**ACTUAL COST ADJUSTMENT**  
**SCHEDULE NO. 2**

**COLUMBIA GAS OF KENTUCKY, INC.****STATEMENT SHOWING COMPUTATION OF  
ACTUAL GAS COST ADJUSTMENT (ACA)  
BASED ON THE THREE MONTHS ENDED August 31, 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	June 2021	295,863	1,074	294,789	\$4.9049	\$1,445,911	\$21,655	(\$985)	\$1,468,551	\$2,973,334	\$1,504,783
2	July 2021	214,416	2,776	211,640	\$4.9522	\$1,048,084	\$26,269	(\$1,106)	\$1,075,460	\$2,930,087	\$1,854,627
3	August 2021	201,669	214	201,455	\$4.8935	\$985,810	\$13,024	(\$1,265)	\$1,000,099	\$3,943,229	\$2,943,130
4	TOTAL	711,948	4,064	707,884		\$3,479,805	\$60,948	(\$3,357)	\$3,544,110	\$9,846,650	\$6,302,540
5	Off-System Sales										(\$153,607)
6	Capacity Release										\$0
7	TOTAL (OVER)/UNDER-RECOVERY										<u>\$6,148,933.42</u>
8	Demand Revenues Received										\$1,582,606
9	Demand Cost of Gas										<u>\$5,257,412</u>
10	Demand (Over)/Under Recovery										<u>\$3,674,805</u>
11	Expected Sales Volumes for the Twelve Months End November 30, 2022										<u>11,271,421</u>
12	<b>DEMAND ACA TO EXPIRE NOVEMBER 30, 2022</b>										<b>\$0.3260</b>
13	Commodity Revenues Received										\$1,961,504
14	Commodity Cost of Gas										<u>\$4,435,632</u>
15	Commodity (Over)/Under Recovery										\$2,474,128
16	Gas Cost Uncollectible ACA										<u>\$23,960</u>
17	Total Commodity (Over)/Under Recovery										<u>\$2,498,088</u>
18	Expected Sales Volumes for the Twelve Months End November 30, 2022										<u>11,271,421</u>
19	<b>COMMODITY ACA TO EXPIRE NOVEMBER 30, 2022</b>										<b>\$0.2216</b>
20	<b>TOTAL ACA TO EXPIRE NOVEMBER 30, 2022</b>										<u><b>\$0.5476</b></u>



**STATEMENT SHOWING ACTUAL COST  
 RECOVERY FROM CUSTOMERS TAKING STANDBY  
 SERVICE UNDER RATE SCHEDULE IS AND GSO  
 BASED ON THE THREE MONTHS ENDED August 31, 2021**

<b>LINE NO.</b>	<b><u>MONTH</u></b>	<b>SS Commodity <u>Volumes</u> (1) Mcf</b>	<b>Average SS Recovery <u>Rate</u> (2) \$/Mcf</b>	<b>SS Commodity <u>Recovery</u> (3) \$</b>
1	June 2021	1,074	\$2.7919	\$2,999
2	July 2021	2,776	\$2.7376	\$7,600
3	August 2021	214	\$2.7376	\$586
4	<b>Total SS Commodity Recovery</b>			<b><u>\$11,184</u></b>

<b>LINE NO.</b>	<b><u>MONTH</u></b>	<b>SS Demand <u>Volumes</u> (1) Mcf</b>	<b>Average SS Demand <u>Rate</u> (2) \$/Mcf</b>	<b>SS Demand <u>Recovery</u> (3) \$</b>
5	June 2021	1,561	\$11.9517	\$18,657
6	July 2021	1,561	\$11.9599	\$18,669
7	August 2021	1,040	\$11.9599	\$12,438
8	<b>Total SS Demand Recovery</b>			<b><u>\$49,764</u></b>
9	<b>TOTAL SS AND GSO RECOVERY</b>			<b><u><u>\$60,948</u></u></b>

**Columbia Gas of Kentucky, Inc.**  
**Gas Cost Uncollectible Charge - Actual Cost Adjustment**  
**BASED ON THE THREE MONTHS ENDED August 31, 2021**

Schedule No. 2  
Sheet 3 of 3

<u>Line No.</u>	<u>Class</u>	<u>Jun-21</u>	<u>Jul-21</u>	<u>Aug-21</u>	<u>Total</u>
1	<b>Actual Cost</b>	\$ 10,498	\$ 13,981	\$ 17,820	\$ 42,299
2	<b>Actual Recovery</b>	\$ 7,618	\$ 5,562	\$ 5,159	\$ 18,339
3	<b>(Over)/Under Activity</b>	\$ 2,880	\$ 8,419	\$ 12,662	\$ 23,960

**BALANCING ADJUSTMENT**

**SCHEDULE NO. 3**

**COLUMBIA GAS OF KENTUCKY, INC.**

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

<b><u>Line No.</u></b>	<b><u>Description</u></b>	<b><u>Detail</u></b>	<b><u>Amount</u></b>
		\$	\$
1	<b><u>RECONCILIATION OF PREVIOUS PERFORMANCE BASED RATE ADJUSTMENT</u></b>		
2	Total adjustment to have been collected from		
3	customers in Case No. 2020-00143	\$2,415,451	
4	Plus: actual amount collected (filed)	(\$2,480,163)	\$64,712
5	Less: REVISED amount to be collected	<u>\$2,415,410</u>	
6	REMAINING AMOUNT		\$40
7	<b><u>RECONCILIATION OF A PREVIOUS BALANCING ADJUSTMENT</u></b>		
8	Total adjustment to have been distributed to		
9	customers in Case No. 2021-00184	\$113,136	
10	Less: actual amount distributed	<u>\$135,919</u>	
11	REMAINING AMOUNT		(\$22,783)
12	<b><u>RECONCILIATION OF PREVIOUS ACTUAL COST ADJUSTMENT</u></b>		
13	Total adjustment to have been distributed to		
14	customers in Case No. 2020-00253	(\$2,623,892)	
15	Less: actual amount distributed	<u>(\$2,626,044)</u>	
16	REMAINING AMOUNT		<u>\$2,153</u>
17	<b>TOTAL BALANCING ADJUSTMENT AMOUNT</b>		<b><u><u>\$44,122</u></u></b>
18	Divided by: projected sales volumes for the three months		
19	ended February 28, 2022		6,295,531
20	<b>BALANCING ADJUSTMENT (BA) TO</b>		
21	<b>    EXPIRE FEBRUARY 28, 2022</b>		<b><u><u>\$ 0.0070</u></u></b>

**Columbia Gas of Kentucky, Inc.**  
**Balancing Adjustment**  
**Supporting Data**

Case No. 2021-00184

Expires: September 30, 2021

	<u>Volume</u>	<u>Surcharge Rate</u>	<u>Surcharge Amount</u>	<u>Surcharge Balance</u>
Beginning Balance				\$113,136
June 2021	298,812	\$0.1892	\$56,535	\$56,601
July 2021	216,994	\$0.1892	\$41,055	\$15,545
August 2021	201,719	\$0.1892	\$38,165	(\$22,620)
September 2021	862	\$0.1892	\$163	(\$22,783)

TOTAL SURCHARGE COLLECTED

SUMMARY:

SURCHARGE AMOUNT	\$113,136
AMOUNT COLLECTED	\$135,919
REMAINING BALANCE	<u><u>(\$22,783)</u></u>

**Columbia Gas of Kentucky, Inc.**  
**Actual Cost Adjustment YR2020 QTR2**  
**Supporting Data**

Case No. 2020-00253

Expires: September 30, 2021

	Tariff		Choice			Refund Balance	
	Volume	Refund Rate	Refund Amount	Volume	Refund Rate		Refund Amount
Sep-20	199,720	(\$0.2354)	(\$47,014)	1,799	(\$0.1919)	(\$345)	(\$2,623,892)
Oct-20	290,083	(\$0.2354)	(\$68,285)	7,858	(\$0.1919)	(\$1,508)	(\$2,576,532)
Nov-20	602,984	(\$0.2354)	(\$141,942)	7,042	(\$0.1919)	(\$1,351)	(\$2,506,739)
Dec-20	1,453,803	(\$0.2354)	(\$342,225)	1,971	(\$0.1919)	(\$378)	(\$2,363,445)
Jan-21	2,238,199	(\$0.2354)	(\$526,872)	22,283	(\$0.1919)	(\$4,276)	(\$2,020,842)
Feb-21	2,392,342	(\$0.2354)	(\$563,157)	14,162	(\$0.1919)	(\$2,718)	(\$1,489,694)
Mar-21	1,791,209	(\$0.2354)	(\$421,650)	4,965	(\$0.1919)	(\$953)	(\$923,819)
Apr-21	840,298	(\$0.2354)	(\$197,806)	11,549	(\$0.1919)	(\$2,216)	(\$499,952)
May-21	567,694	(\$0.2354)	(\$133,635)	4,474	(\$0.1919)	(\$859)	(\$301,193)
Jun-21	296,386	(\$0.2354)	(\$69,769)	4,474	(\$0.1919)	(\$859)	(\$166,699)
Jul-21	212,696	(\$0.2354)	(\$50,069)	3,278	(\$0.1919)	(\$629)	(\$96,301)
Aug-21	199,442	(\$0.2354)	(\$46,949)	4,298	(\$0.1919)	(\$825)	(\$45,407)
Sep-21	207	(\$0.2354)	(\$49)	2,277	(\$0.1919)	(\$437)	\$1,978
				655	(\$0.1919)	(\$126)	\$2,153

SUMMARY:

REFUND AMOUNT	(2,623,892)
LESS	
AMOUNT REFUNDED	<u>(2,626,044)</u>

TOTAL REMAINING REFUND 2,153

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

Case No. 2020-00143

Expires May 31, 2021

	Volume	Surcharge Rate	Surcharge Amount	Surcharge Balance
				\$ 2,415,450.91
June 2020	316,265	\$0.2167	\$68,535	\$2,346,916
July 2020	197,970	\$0.2167	\$42,900	\$2,304,016
August 2020	185,623	\$0.2167	\$40,224	\$2,263,792
September 2020	199,409	\$0.2167	\$43,212	\$2,220,580
October 2020	297,940	\$0.2167	\$64,564	\$2,156,016
November 2020	610,026	\$0.2167	\$132,193	\$2,023,823
December 2020	1,455,774	\$0.2167	\$315,466	\$1,708,357
January 2021	2,260,482	\$0.2167	\$489,846	\$1,218,511
February 2021	2,406,504	\$0.2167	\$521,489	\$697,022
March 2021	1,802,758	\$0.2167	\$390,658	\$306,364
April 2021	845,263	\$0.2167	\$183,168	\$123,196
May 2021	572,168	\$0.2167	\$123,989	(\$793)
June 2021 FILED	299,664	\$0.2167	\$64,937	(\$65,730)
January 2020 - Adjustment			(\$1,018)	(\$64,712)

\$2,480,163

**SUMMARY:**

SURCHARGE AMOUNT	\$2,415,451
AMOUNT COLLECTED	\$2,480,163
TOTAL REMAINING TO BE COLLECTED	<u>(\$64,712.17)</u>

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

Case No. 2020-00143

Expires May 31, 2021

	Volume	Surcharge Rate	Surcharge Amount	Surcharge Balance
				\$ 2,415,450.91
June 2020	316,265	\$0.2167	\$68,535	\$2,346,916
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March 2021	1,802,758	\$0.2167	\$390,658	\$306,364
April 2021	845,263	\$0.2167	\$183,168	\$123,196
May 2021	572,168	\$0.2167	\$123,989	(\$793)
June 2021 REVISED	852	\$0.2167	\$185	(\$978)
January 2020 - Adjustment			(\$1,018)	\$40

\$2,415,410

**SUMMARY:**

SURCHARGE AMOUNT	\$2,415,451
AMOUNT COLLECTED	\$2,415,410
TOTAL REMAINING TO BE COLLECTED	<u>\$40.44</u>



**PIPELINE COMPANY TARIFF SHEETS**

Currently Effective Rates  
 Applicable to Rate Schedule FTS  
 Rate Per Dth

	Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	CCRM-T Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Rate Schedule FTS							
Reservation Charge 3/ Commodity	\$ 9.046	0.277	0.103	0.166	0.00	9.592	0.3154
Maximum	¢ 0.62	0.10	0.66	0.00	0.00	1.38	1.38
Minimum	¢ 0.62	0.10	0.66	0.00	0.00	1.38	1.38
Overrun							
Maximum	¢ 30.36	1.01	1.00	0.55	0.00	32.92	32.92
Minimum	¢ 0.62	0.10	0.66	0.00	0.00	1.38	1.38

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

Currently Effective Rates  
 Applicable to Rate Schedule SST  
 Rate Per Dth

		Base Tariff Rate 1/ 2/	TCRA Rates	EPCA Rates	OTRA Rates	MCRM Rates	Total Effective Rate 2/ 4/	Daily Rate 2/ 4/
Rate Schedule SST								
Reservation Charge 3/ Commodity	\$	12.236	0.277	0.103	0.112	0.00	12.728	0.4185
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	0.37	0.00	43.41	43.41
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.

Currently Effective Rates  
 Applicable to Rate Schedule FSS  
 Rate Per Dth

		Base Tariff Rate 1/2/	Transportation Cost Rate Adjustment Current Surcharge		Electric Power Costs Adjustment Current Surcharge		CCRM-S Rate	Total Effective Rate	Daily Rate
Rate Schedule FSS									
Reservation Charge	\$	2.481	-	-	-	-	0.00	2.481	0.0816
Capacity	¢	4.47	-	-	-	-	0.00	4.47	4.47
Injection	¢	1.53	-	-	-	-	0.00	1.53	1.53
Withdrawal	¢	1.53	-	-	-	-	0.00	1.53	1.53
Overrun	¢	15.69	-	-	-	-	0.00	15.69	15.69

- 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.

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.

Issued On: March 1, 2021

Effective On: April 1, 2021

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES  
 RATE SCHEDULE FOR FT-A

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

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

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

Notes:

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

RATES PER DEKATHERM

COMMODITY RATES  
 RATE SCHEDULE FOR FT-A

Base  
 Commodity Rates

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

Minimum  
 Commodity Rates 1/, 2/

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

Maximum  
 Commodity Rates 1/, 2/, 3/

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

Notes:

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

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES  
 FOR RATE SCHEDULE FT-A

Maximum Commodity Rates 1/, 2/, 3/, 4/ -----	DELIVERY ZONE								
	RECEIPT ZONE	0	L	1	2	3	4	5	6
	0	\$0.1623		\$0.3393	\$0.4570	\$0.4683	\$0.7228	\$0.7425	\$0.9167
	L		\$0.1432						
	1	\$0.2420		\$0.2355	\$0.3155	\$0.4431	\$0.6162	\$0.6735	\$0.8098
	2	\$0.4562		\$0.3087	\$0.1595	\$0.1507	\$0.2518	\$0.3595	\$0.4445
	3	\$0.4673		\$0.2537	\$0.1620	\$0.1164	\$0.2608	\$0.4331	\$0.4924
	4	\$0.5912		\$0.5433	\$0.2099	\$0.3150	\$0.1906	\$0.2188	\$0.3217
	5	\$0.7032		\$0.4999	\$0.2207	\$0.2662	\$0.2230	\$0.2122	\$0.2720
	6	\$0.8144		\$0.5741	\$0.3910	\$0.4308	\$0.3800	\$0.2028	\$0.1643

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0016 Daily Reservation, \$0.0019 Commodity.



FIRM TRANSPORTATION RATES  
 RATE SCHEDULE FT-A

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Recourse Rates Applicable to Shippers Utilizing Capacity  
 Pursuant to Incremental Capacity Expansions

-----

	Base Tariff Rate	Total Rate
CP00-65 300 Line Expansion		
Reservation Charge:		
Maximum	\$3.1960	\$3.2448 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0019 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP05-355 Northeast ConneXion - New York/New Jersey Expansion		
Reservation Charge:		
Maximum	\$8.9823	\$9.0311 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0019 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP08-65 Concord Expansion		
Reservation Charge:		
Maximum	\$10.5931	\$10.6419 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0019 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP09-444 300 Line Project – Market Component		
Reservation Charge:		
Maximum	\$22.3939	\$22.4427 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0019 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP11-30-000 Northeast Supply Diversification Project		
Reservation Charge:		
Maximum	\$5.4214	\$5.4702 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0019 2/, 3/, 4/, 5/
Minimum	\$0.0000	\$0.0000 2/, 3/, 5/
CP11-36-000 Northampton Expansion Project		
Reservation Charge:		
Maximum	\$24.1587	\$24.2075 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0019 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0488 Reservation, \$0.0019 Commodity.
- 5/ Applicable fuel and lost and unaccounted for charges pursuant to the Dominion Lease.

FIRM TRANSPORTATION RATES  
 RATE SCHEDULE FT-A

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Recourse Rates Applicable to Shippers Utilizing Capacity  
 Pursuant to Incremental Capacity Expansions

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	Base Tariff Rate	Total Rate
CP11-161-000 Northeast Upgrade Project		
Reservation Charge:		
Maximum	\$7.7389	\$7.7877 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0019 2/, 3/, 4/
Minimum	\$0.0000	\$0.0000 2/, 3/
CP14-88-000 Niagara Expansion Project		
Reservation Charge:		
Maximum	\$8.7163	\$8.7651 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0019 2/, 3/, 4/, 5/
Minimum	\$0.0000	\$0.0000 2/, 3/, 5/
CP14-529-000 Connecticut Expansion Project		
Reservation Charge:		
Maximum	\$16.9478	\$16.9966 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0674	\$0.0693 2/, 3/, 4/
Minimum	\$0.0066	\$0.0066 2/, 3/
CP15-77-000 Broad Run Expansion Project – Market Component		
Reservation Charge:		
Maximum	\$26.1755	\$26.2243 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0336	\$0.0355 2/, 3/, 4/
Minimum	\$0.0336	\$0.0336 2/, 3/
CP15-148-000 Susquehanna West Project		
Reservation Charge:		
Maximum	\$14.9795	\$15.0283 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0389	\$0.0408 2/, 3/, 4/
Minimum	\$0.0028	\$0.0028 2/, 3/
CP15-520-000 Triad Expansion Project		
Reservation Charge:		
Maximum	\$6.5881	\$6.6369 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0389	\$0.0408 2/, 3/, 4/
Minimum	\$0.0028	\$0.0028 2/, 3/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0488 Reservation, \$0.0019 Commodity.
- 5/ Applicable fuel and lost and unaccounted for charges pursuant to the National Fuel Lease.

FIRM TRANSPORTATION RATES  
 RATE SCHEDULE FT-A

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Recourse Rates Applicable to Shippers Utilizing Capacity  
 Pursuant to Incremental Capacity Expansions

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	Base Tariff Rate	Total Rate
CP16-4-000 Orion Project		
Reservation Charge:		
Maximum	\$14.4557	\$14.5045 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0389	\$0.0408 2/, 3/, 4/
Minimum	\$0.0028	\$0.0028 2/, 3/
CP19-7-000 261 Upgrade Project – Market Component		
Reservation Charge:		
Maximum	\$6.7515	\$6.8003 1/, 4/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0054	\$0.0073 2/, 3/, 4/
Minimum	\$0.0054	\$0.0054 2/, 3/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0488 Reservation, \$0.0019 Commodity.
- 5/ Applicable fuel and lost and unaccounted for charges pursuant to the National Fuel Lease.

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES  
 RATE SCHEDULE FOR FT-BH

Base  
 Reservation Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$2.3742							
L		\$2.1078						
1	\$3.5742		\$3.4262					
2	\$6.6740		\$4.5322	\$2.3572				
3	\$6.7920		\$3.5900	\$2.3763	\$1.7143			
4	\$8.6236		\$7.9502	\$3.0297	\$4.6043	\$2.2537		
5	\$10.2823		\$7.2252	\$3.1781	\$3.8455	\$2.5036	\$2.3485	
6	\$11.8947		\$8.2987	\$5.7116	\$6.2920	\$4.4445	\$2.3382	\$2.0241

Daily Base  
 Reservation Rates 1/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0781							
L		\$0.0693						
1	\$0.1175		\$0.1126					
2	\$0.2194		\$0.1490	\$0.0775				
3	\$0.2233		\$0.1180	\$0.0781	\$0.0564			
4	\$0.2835		\$0.2614	\$0.0996	\$0.1514	\$0.0741		
5	\$0.3380		\$0.2375	\$0.1045	\$0.1264	\$0.0823	\$0.0772	
6	\$0.3911		\$0.2728	\$0.1878	\$0.2069	\$0.1461	\$0.0769	\$0.0665

Maximum  
 Reservation Rates 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$2.3986							
L		\$2.1322						
1	\$3.5986		\$3.4506					
2	\$6.6984		\$4.5566	\$2.3816				
3	\$6.8164		\$3.6144	\$2.4007	\$1.7387			
4	\$8.6480		\$7.9746	\$3.0541	\$4.6287	\$2.2781		
5	\$10.3067		\$7.2496	\$3.2025	\$3.8699	\$2.5280	\$2.3729	
6	\$11.9191		\$8.3231	\$5.7360	\$6.3164	\$4.4689	\$2.3626	\$2.0485

Notes:

- 1/ Applicable to demand charge credits and secondary points under discounted rate agreements.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0244.

ATES PER DEKATHERM

COMMODITY RATES  
 RATE SCHEDULE FOR FT-BH

Base  
 Commodity Rates

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0417							
L		\$0.0357						
1	\$0.0623		\$0.0631					
2	\$0.1236		\$0.0817	\$0.0397				
3	\$0.1289		\$0.0731	\$0.0412	\$0.0284			
4	\$0.1626		\$0.1477	\$0.0571	\$0.0844	\$0.0760		
5	\$0.1927		\$0.1401	\$0.0606	\$0.0730	\$0.0959	\$0.0929	
6	\$0.2244		\$0.1614	\$0.1057	\$0.1171	\$0.1573	\$0.0840	\$0.0610

Minimum  
 Commodity Rates 1/, 2/

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

Maximum  
 Commodity Rates 1/, 2/, 3/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.0440							
L		\$0.0380						
1	\$0.0646		\$0.0654					
2	\$0.1259		\$0.0840	\$0.0420				
3	\$0.1312		\$0.0754	\$0.0435	\$0.0307			
4	\$0.1649		\$0.1500	\$0.0594	\$0.0867	\$0.0783		
5	\$0.1950		\$0.1424	\$0.0629	\$0.0753	\$0.0982	\$0.0952	
6	\$0.2267		\$0.1637	\$0.1080	\$0.1194	\$0.1596	\$0.0863	\$0.0633

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0023.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES  
 RATE SCHEDULE FT-BH

Maximum  
 Commodity Rates 1/, 2, 3/, 4/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.1229							
L		\$0.1081						
1	\$0.1829		\$0.1788					
2	\$0.3461		\$0.2338	\$0.1203				
3	\$0.3553		\$0.1942	\$0.1224	\$0.0879			
4	\$0.4492		\$0.4122	\$0.1598	\$0.2389	\$0.1532		
5	\$0.5338		\$0.3807	\$0.1682	\$0.2025	\$0.1813	\$0.1732	
6	\$0.6186		\$0.4373	\$0.2966	\$0.3271	\$0.3065	\$0.1640	\$0.1306

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation Charge.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0008 Daily Reservation, \$0.0023 Commodity.

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES  
 RATE SCHEDULE FT-G

Base Reservation Rates

RECEIPT ZONE	DELIVERY ZONE								
	0	L	1	2	3	4	5	6	
0	\$4.7485		\$9.9230	\$13.3478	\$13.5840	\$14.9261	\$15.8434	\$19.8779	
L		\$4.2156							
1	\$7.1485		\$6.8524	\$9.1192	\$12.9182	\$12.7224	\$14.3480	\$17.6429	
2	\$13.3479		\$9.0644	\$4.7144	\$4.4071	\$5.6390	\$7.7558	\$10.0118	
3	\$13.5840		\$7.1799	\$4.7525	\$3.4286	\$5.2666	\$9.5251	\$11.0065	
4	\$17.2471		\$15.9003	\$6.0594	\$9.2085	\$4.5075	\$4.8747	\$6.9640	
5	\$20.5647		\$14.4505	\$6.3563	\$7.6911	\$5.0074	\$4.6970	\$6.1147	
6	\$23.7895		\$16.5974	\$11.4230	\$12.5841	\$8.8889	\$4.6763	\$4.0480	

Daily Base Reservation Rates 1/

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

Maximum Reservation Rates 2/, 3/

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

Notes:

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

RATES PER DEKATHERM

COMMODITY RATES  
 RATE SCHEDULE FT-G

Base  
 Commodity Rate

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

Minimum  
 Commodity Rates 1/, 2/

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

Maximum  
 Commodity Rates 1/, 2/, 3/

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

Notes:

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



RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES  
 RATE SCHEDULE FT-G

Maximum Commodity Rates 1/, 2/, 3/, 4/ -----	DELIVERY ZONE								
	RECEIPT ZONE	0	L	1	2	3	4	5	6
	0	\$0.1623		\$0.3393	\$0.4570	\$0.4683	\$0.7228	\$0.7425	\$0.9167
	L		\$0.1432						
	1	\$0.2420		\$0.2355	\$0.3155	\$0.4431	\$0.6162	\$0.6735	\$0.8098
	2	\$0.4562		\$0.3087	\$0.1595	\$0.1507	\$0.2518	\$0.3595	\$0.4445
	3	\$0.4673		\$0.2537	\$0.1620	\$0.1164	\$0.2608	\$0.4331	\$0.4924
	4	\$0.5912		\$0.5433	\$0.2099	\$0.3150	\$0.1906	\$0.2188	\$0.3217
	5	\$0.7032		\$0.4999	\$0.2207	\$0.2662	\$0.2230	\$0.2122	\$0.2720
	6	\$0.8144		\$0.5741	\$0.3910	\$0.4308	\$0.3800	\$0.2028	\$0.1643

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0016 Daily Reservation, \$0.0019 Commodity.

RATES PER DEKATHERM

FIRM TRANSPORTATION - GS RATES (FT-GS)

Base Rates

RECEIPT		DELIVERY ZONE							
ZONE	0	L	1	2	3	4	5	6	
0	\$0.2629		\$0.5533	\$0.7461	\$0.7625	\$1.0466	\$1.0863	\$1.3489	
L		\$0.2320							
1	\$0.3952		\$0.3822	\$0.5119	\$0.7228	\$0.8915	\$0.9845	\$1.1931	
2	\$0.7453		\$0.5039	\$0.2594	\$0.2439	\$0.3719	\$0.5260	\$0.6604	
3	\$0.7615		\$0.4075	\$0.2626	\$0.1880	\$0.3728	\$0.6383	\$0.7301	
4	\$0.9658		\$0.8883	\$0.3393	\$0.5133	\$0.2859	\$0.3221	\$0.4708	
5	\$1.1505		\$0.8131	\$0.3567	\$0.4313	\$0.3292	\$0.3118	\$0.4024	
6	\$1.3324		\$0.9343	\$0.6378	\$0.7031	\$0.5714	\$0.3018	\$0.2496	

Minimum Rates 1/, 2/

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

Maximum Rates 1/, 2/, 3/, 4/

RECEIPT		DELIVERY ZONE							
ZONE	0	L	1	2	3	4	5	6	
0	\$0.2675		\$0.5579	\$0.7507	\$0.7671	\$1.0512	\$1.0909	\$1.3535	
L		\$0.2366							
1	\$0.3998		\$0.3868	\$0.5165	\$0.7274	\$0.8961	\$0.9891	\$1.1977	
2	\$0.7499		\$0.5085	\$0.2640	\$0.2485	\$0.3765	\$0.5306	\$0.6650	
3	\$0.7661		\$0.4121	\$0.2672	\$0.1926	\$0.3774	\$0.6429	\$0.7347	
4	\$0.9704		\$0.8929	\$0.3439	\$0.5179	\$0.2905	\$0.3267	\$0.4754	
5	\$1.1551		\$0.8177	\$0.3613	\$0.4359	\$0.3338	\$0.3164	\$0.4070	
6	\$1.3370		\$0.9389	\$0.6424	\$0.7077	\$0.5760	\$0.3064	\$0.2542	

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation at 60% L.F.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0027 Daily Reservation at 60% L.F., \$0.0019 Commodity.

RATES PER DEKATHERM

AUTHORIZED OVERRUN RATES  
 RATE SCHEDULE FT-GS

Maximum Commodity Rates 1/, 2/, 3/, 4/ -----	DELIVERY ZONE								
	RECEIPT ZONE	0	L	1	2	3	4	5	6
	0	\$0.2675		\$0.5579	\$0.7507	\$0.7671	\$1.0512	\$1.0909	\$1.3535
	L		\$0.2366						
	1	\$0.3998		\$0.3868	\$0.5165	\$0.7274	\$0.8961	\$0.9891	\$1.1977
	2	\$0.7499		\$0.5085	\$0.2640	\$0.2485	\$0.3765	\$0.5306	\$0.6650
	3	\$0.7661		\$0.4121	\$0.2672	\$0.1926	\$0.3774	\$0.6429	\$0.7347
	4	\$0.9704		\$0.8929	\$0.3439	\$0.5179	\$0.2905	\$0.3267	\$0.4754
	5	\$1.1551		\$0.8177	\$0.3613	\$0.4359	\$0.3338	\$0.3164	\$0.4070
	6	\$1.3370		\$0.9389	\$0.6424	\$0.7077	\$0.5760	\$0.3064	\$0.2542

Notes:

- 1/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 2/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 3/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation at 60% L.F.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0027 Daily Reservation at 60% L.F., \$0.0019 Commodity.

RATE SCHEDULE FT-IL  
 FIRM TRANSPORTATION INCREMENTAL LATERAL SERVICE

	Base Tariff Rate	Total Rate
Tewksbury-Andover Lateral		
Reservation Charge:		
Maximum	\$5.3511	\$5.3999 1/, 3/
Minimum	\$0.0000	\$0.0000
Commodity Charge:		
Maximum	\$0.0000	\$0.0019 2/, 3/
Minimum	\$0.0000	\$0.0000 2/
Authorized Overrun Charge:		
Maximum	\$0.1760	\$0.1794 1/, 2/, 3/
Minimum	\$0.0000	\$0.0000 2/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Reservation.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0488 Reservation, \$0.0019 Commodity.

RATES PER DEKATHERM

INTERRUPTIBLE TRANSPORTATION RATES (IT)

Base Rates 1/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.1588		\$0.3358	\$0.4535	\$0.4648	\$0.7193	\$0.7390	\$0.9132
L		\$0.1397						
1	\$0.2385		\$0.2320	\$0.3120	\$0.4396	\$0.6127	\$0.6700	\$0.8063
2	\$0.4527		\$0.3052	\$0.1560	\$0.1472	\$0.2483	\$0.3560	\$0.4410
3	\$0.4638		\$0.2502	\$0.1585	\$0.1129	\$0.2573	\$0.4296	\$0.4889
4	\$0.5877		\$0.5398	\$0.2064	\$0.3115	\$0.1871	\$0.2153	\$0.3182
5	\$0.6997		\$0.4964	\$0.2172	\$0.2627	\$0.2195	\$0.2087	\$0.2685
6	\$0.8109		\$0.5706	\$0.3875	\$0.4273	\$0.3765	\$0.1993	\$0.1608

Minimum Rates 3/, 4/

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

Maximum Rates 1/, 2/, 3/, 4/, 5/

RECEIPT ZONE	DELIVERY ZONE							
	0	L	1	2	3	4	5	6
0	\$0.1623		\$0.3393	\$0.4570	\$0.4683	\$0.7228	\$0.7425	\$0.9167
L		\$0.1432						
1	\$0.2420		\$0.2355	\$0.3155	\$0.4431	\$0.6162	\$0.6735	\$0.8098
2	\$0.4562		\$0.3087	\$0.1595	\$0.1507	\$0.2518	\$0.3595	\$0.4445
3	\$0.4673		\$0.2537	\$0.1620	\$0.1164	\$0.2608	\$0.4331	\$0.4924
4	\$0.5912		\$0.5433	\$0.2099	\$0.3150	\$0.1906	\$0.2188	\$0.3217
5	\$0.7032		\$0.4999	\$0.2207	\$0.2662	\$0.2230	\$0.2122	\$0.2720
6	\$0.8144		\$0.5741	\$0.3910	\$0.4308	\$0.3800	\$0.2028	\$0.1643

Notes:

- 1/ The IT rate for each zone will be the respective 100% load factor equivalent of the maximum FT-A demand and commodity rates.
- 2/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 3/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 4/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 5/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0016 Daily Reservation, \$0.0019 Commodity.

INTERRUPTIBLE TRANSPORTATION RATES (IT)  
 INCREMENTAL LATERAL CHARGES

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	Base Tariff Rate	Total Rate
Tewksbury-Andover Lateral Commodity Charge:		
Maximum	\$0.1760	\$0.1794 1/, 2/, 3/
Minimum	\$0.0000	\$0.0000 2/

Notes:

- 1/ Includes a per Dth charge for the PCB Surcharge Adjustment per Article XXXII of the General Terms and Conditions of \$0.0000 Daily Reservation.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0016 Daily Reservation, \$0.0019 Commodity.

RATE SCHEDULE PTR 1/  
 =====

RATES PER DEKATHERM

Rate Schedule and Rate	Base Tariff Rate	Max Rate 2/, 3/, 4/
----- Commodity Rate	\$0.1397	----- \$0.1432

Notes:

- 1/ The PTR rate is the 100% load factor equivalent of the maximum FT-A demand and commodity rate for zone L to L.
- 2/ Rates stated above exclude the ACA Surcharge as revised annually and posted on the FERC website at <http://www.ferc.gov> on the Annual Charges page of the Natural Gas section. The ACA Surcharge is incorporated by reference into Transporter's Tariff and shall apply to all transportation under this Rate Schedule as provided in Article XXIV of the General Terms and Conditions.
- 3/ The applicable F&LR's and EPCR's, determined pursuant to Article XXXVII of the General Terms and Conditions, are listed on Sheet No. 32.
- 4/ Includes a per Dth charge for the PS/GHG Surcharge Adjustment per Article XXXVIII of the General Terms and Conditions of \$0.0016 Daily Reservation, \$0.0019 Commodity.

**PROPOSED TARIFF SHEETS**



**CURRENTLY EFFECTIVE BILLING RATES**

<b><u>SALES SERVICE</u></b>	<b><u>Base Rate Charge</u></b>	<b><u>Gas Cost Adjustment<sup>1/</sup></u></b>		<b><u>Total Billing Rate<sup>3/</sup></u></b>	
	<b>\$</b>	<b><u>Demand</u></b>	<b><u>Commodity</u></b>	<b>\$</b>	<b>\$</b>
<b><u>RATE SCHEDULE GSR</u></b>					
Customer Charge per billing period	16.00			16.00	
Delivery Charge per Mcf	3.5665 <sup>3/</sup>	1.6097	7.4037	9.0134	I
<b><u>RATE SCHEDULE GSO</u></b>					
<b><u>Commercial or Industrial</u></b>					
Customer Charge per billing period	44.69			44.69	
Delivery Charge per Mcf -					
First 50 Mcf or less per billing period	3.0181 <sup>3/</sup>	1.6097	7.4037	12.0315	I
Next 350 Mcf per billing period	2.3295 <sup>3/</sup>	1.6097	7.4037	11.3429	I
Next 600 Mcf per billing period	2.2143 <sup>3/</sup>	1.6097	7.4037	11.2277	I
Over 1,000 Mcf per billing period	2.0143 <sup>3/</sup>	1.6097	7.4037	11.0277	I
<b><u>RATE SCHEDULE IS</u></b>					
Customer Charge per billing period	2007.00			2007.00	
Delivery Charge per Mcf					
First 30,000 Mcf per billing period	0.6285 <sup>3/</sup>		7.4037 <sup>2/</sup>	8.0322	I
Next 70,000 Mcf per billing period	0.3737 <sup>3/</sup>		7.4037 <sup>2/</sup>	7.7774	I
Over 100,000 Mcf per billing period	0.3247 <sup>3/</sup>		7.4037 <sup>2/</sup>	7.7284	I
Firm Service Demand Charge					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		9.2423		9.2423	R
<b><u>RATE SCHEDULE IUS</u></b>					
Customer Charge per billing period	567.40			567.40	
Delivery Charge per Mcf					
For All Volumes Delivered	1.1544 <sup>3/</sup>	1.6097	7.4037	10.1678	I

1/ The Gas Cost Adjustment, as shown, is an adjustment per Mcf determined in accordance with the "Gas Cost Adjustment Clause" as set forth on Sheets 48 through 51 of this Tariff. The Gas Cost Adjustment applicable to a customer who is receiving service under Rate Schedule GS or IUS and received service under Rate Schedule SVGTS shall be \$8.5869 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                      October 29, 2021

DATE EFFECTIVE                    November 29, 2021 (Unit 1 December)

ISSUED BY                            /s/ Kimra H. Cole

TITLE                                    President & Chief Operating Officer

**CURRENTLY EFFECTIVE BILLING RATES  
(Continued)**

<u>TRANSPORTATION SERVICE</u>	<u>Base Rate Charge</u> \$	<u>Gas Cost Adjustment<sup>1/</sup> Demand</u> \$	<u>Commodity</u> \$	<u>Total Billing Rate<sup>3/</sup></u> \$	
<b><u>RATE SCHEDULE SS</u></b>					
Standby Service Demand Charge per Mcf					
Demand Charge times Daily Firm					
Volume (Mcf) in Customer Service Agreement		9.2423		9.2423	<b>R</b>
Standby Service Commodity Charge per Mcf			7.4037	7.4037	<b>I</b>
<b><u>RATE SCHEDULE DS</u></b>					
Customer Charge per billing period <sup>2/</sup>				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<sup>2/</sup></u>					
First 30,000 Mcf	0.6285 <sup>3/</sup>			0.6285	
Next 70,000 Mcf	0.3737 <sup>3/</sup>			0.3737	
Over 100,000 Mcf	0.3247 <sup>3/</sup>			0.3247	
– Grandfathered Delivery Service					
First 50 Mcf or less per billing period				3.0181 <sup>3/</sup>	
Next 350 Mcf per billing period				2.3295 <sup>3/</sup>	
Next 600 Mcf per billing period				2.2143 <sup>3/</sup>	
All Over 1,000 Mcf per billing period				2.0143 <sup>3/</sup>	
– Intrastate Utility Delivery Service					
All Volumes per billing period				1.1544 <sup>3/</sup>	
Banking and Balancing Service					
Rate per Mcf		0.0320		0.0320	<b>R</b>
<b><u>RATE SCHEDULE MLDS</u></b>					
Customer Charge per billing period				255.90	
Delivery Charge per Mcf				0.0858	
Banking and Balancing Service					
Rate per Mcf		0.0320		0.0320	<b>R</b>

<sup>1/</sup> 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.  
<sup>2/</sup> Applicable to all Rate Schedule DS customers except those served under Grandfathered Delivery Service or Intrastate Utility Delivery Service.  
<sup>3/</sup> The Delivery Charge will be adjusted at billing by the Tax Act Adjustment Factor set forth on Sheet 7a.

DATE OF ISSUE            October 29, 2021  
DATE EFFECTIVE        November 29, 2021 (Unit 1 December)  
ISSUED BY                /s/ Kimra H. Cole  
TITLE                      President & Chief Operating Officer

**CURRENTLY EFFECTIVE BILLING RATES**

(Continued)

<u><b>RATE SCHEDULE SVGTS</b></u>	<u><b>Base Rate Charge</b></u> \$
<u>General Service Residential (SGVTS GSR)</u>	
Customer Charge per billing period	16.00
Delivery Charge per Mcf	3.5665 <sup>2/</sup>
<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 <sup>2/</sup>
Next 350 Mcf per billing period	2.3295 <sup>2/</sup>
Next 600 Mcf per billing period	2.2143 <sup>2/</sup>
Over 1,000 Mcf per billing period	2.0143 <sup>2/</sup>
<u>Intrastate Utility Service</u>	
Customer Charge per billing period	567.40
Delivery Charge per Mcf	\$ 1.1544 <sup>2/</sup>

**Billing Rate**

Actual Gas Cost Adjustment <sup>1/</sup>

For all volumes per billing period per Mcf	\$0.4850	
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**RATE SCHEDULE SVAS**

Balancing Charge – per Mcf	\$1.2087	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	October 29, 2021
DATE EFFECTIVE	November 29, 2021 (Unit 1 December)
ISSUED BY	/s/ Kimra H. Cole
TITLE	President & Chief Operating Officer