

FOR ENTIRE AREA SERVED  
**KENTUCKY FRONTIER GAS, LLC**

P.S.C. KY. NO. 1

Original SHEET NO. 1

Kentucky Frontier Gas, LLC  
 (Name of Utility)

CANCELING P.S. KY.NO.  
 SHEET NO. \_\_\_\_\_

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**RATES AND CHARGES**

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APPLICABLE: Entire area served

Frontier Residential and Small Commercial

	Gas Cost		
	<u>Base Rate</u>	<u>Rate</u>	<u>Total</u>
CUSTOMER CHARGE	\$ 13.0000		\$ 13.0000
ALL CCF	\$ 0.42200	\$ 0.85603	\$ 1.27803

Frontier Large Commercial

	Gas Cost		
	<u>Base Rate</u>	<u>Rate</u>	<u>Total</u>
CUSTOMER CHARGE	\$ 50.0000		\$ 50.0000
ALL CCF	\$ 0.34454	\$ 0.85603	\$ 1.20057

Daysboro Residential

	Gas Cost		
	<u>Base Rate</u>	<u>Rate</u>	<u>Total</u>
CUSTOMER CHARGE	\$ 10.7100		\$ 10.7100
ALL CCF	\$ 0.45000	\$ 0.85603	\$ 1.30603

Daysboro Commercial

	Gas Cost		
	<u>Base Rate</u>	<u>Rate</u>	<u>Total</u>
CUSTOMER CHARGE	\$ 12.7500		\$ 12.7500
ALL CCF	\$ 0.85700	\$ 0.85603	\$ 1.71303

DATE OF ISSUE September 29, 2021  
 Month/Date/Year

DATE EFFECTIVE November 1, 2021

ISSUED BY 

TITLE Agent

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION  
 IN CASE NO. 2021-00377 DATED September 29, 2021

## KFG UNIFIED GAS COST RECOVERY RATE

APPENDIX B

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## SCHEDULE I

GAS COST RECOVERY RATE SUMMARY

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	\$ 8.3379
+ Refund Adjustment (RA)	\$/Mcf	\$ -
+ Actual Adjustment (AA)	\$/Mcf	\$ 0.2004
+ Balance Adjustment (BA)	\$/Mcf	\$ 0.0221
= Gas Cost Recovery Rate (GCR)		\$ 8.5603

GCR to be effective for service rendered from: November 1, 2021

A	<u>EXPECTED GAS COST CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
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	Total Expected Gas Cost (Schedule II)	\$	\$ 3,188,856
/	Sales for the 12 months ended July 31, 2021	Mcf	382,455
=	Expected Gas Cost (EGC)	\$/Mcf	\$ 8.3379

B	<u>REFUND ADJUSTMENT CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
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	Supplier Refund Adjustment for Reporting Period (Sch. III)	\$	-
+	Previous Quarter Supplier Refund Adjustment	\$/Mcf	\$ -
+	Second Previous Quarter Supplier Refund Adjustment	\$/Mcf	\$ -
+	Third Previous Quarter Supplier Refund Adjustment	\$/Mcf	\$ -
=	Refund Adjustment (RA)	\$/Mcf	\$ -

C	<u>ACTUAL ADJUSTMENT CALCULATION</u>	<u>(Revised)</u>	<u>Amount</u>
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	Actual Adjustment for the <b>Current</b> Reporting Period (Sch. IV)	\$/Mcf	\$ 0.0394
+	Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ 0.2565
+	Second Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.0539)
+	Third Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.0416)
=	Actual Adjustment (AA)	\$/Mcf	\$ 0.2004

D	<u>BALANCE ADJUSTMENT CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
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	Balance Adjustment for the Reporting Period (Sch. V)	\$/Mcf	\$ 0.0178
+	Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0079
+	Second Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ (0.0033)
+	Third Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ (0.0003)
=	Balance Adjustment (BA)	\$/Mcf	\$ 0.0221

2021-00377

Revised 02-26-04

**Kentucky Frontier Gas, LLC - Unified**

SCHEDULE II

EXPECTED GAS COST

MCF Purchases for 12 months ended:

July 31, 2021

Supplier	5% LIMITER Dth	Btu Factor	Mcf	Rate	(4) x (5) Cost
Columbia (Goble Roberts, Peoples)		N/A	10,595	\$ 6.5573	\$69,475
Cumberland Valley (Auxier)		1.1000	98,069	\$ 4.0569	\$397,857
Cumberland Valley (Sigma) includes \$1.25/Mcf DLR trans		1.1000	1,904	\$ 5.3069	\$10,104
Diversified Energy (39-E,181-S)		1.0000	31	\$ 7.2422	\$225
** HI-Energy		1.0031	9,536	\$ 4.2180	\$40,223
** HTC (Sigma) includes \$1.25/Mcf DLR trans		1.0758	5,872	\$ 5.7737	\$33,903
Jefferson (Sigma) rate includes \$1.25/Mcf DLR trans		1.1184	0	\$ 13.5591	\$0
Jefferson (Public and Daysboro)		1.1184	120,718	\$ 12.3091	\$1,485,932
Magnum Drilling, Inc.		N/A	3,067	\$ 10.5000	\$32,204
Nytis (Auxier)		1.0962	8,526	\$ 5.7620	\$49,126
Nytis (Sigma) includes \$1.25/Mcf DLR trans		1.0962	6,155	\$ 7.0120	\$43,159
Quality (Belfry)		1.1999	40,033	\$ 6.4270	\$257,293
** Slone Energy		1.0714	4,365	\$ 4.5052	\$19,665
Southern Energy (EQU,MLG,Price)		1.2066	59,759	\$ 7.7298	\$461,928
Southern Energy (Sigma) includes \$1.25/Mcf DLR trans		1.2066	40,486	\$ 8.9798	\$363,558
** Spirit		1.1178	5,549	\$ 4.7003	\$26,082
** Tacket		1.0745	1,818	\$ 4.5183	\$8,214
<b>Totals</b>			<b>416,483</b>	<b>\$ 7.9210</b>	<b>\$3,298,948</b>

Line loss 12 months ended: and sales of	<u>Jul-21</u> <u>382,455</u>	based on purchases of Mcf.	<u>416,483</u> <u>8.2%</u>	Mcf L&U	Unit Amount
Total Expected Cost of Purchases (6)				\$	\$ 3,298,948
/ Mcf Purchases (4)				Mcf	416,483
= Average Expected Cost Per Mcf Purchased				\$/Mcf	\$ 7.9210
x Allowable Mcf Purchases (5% Limiter)				Mcf	402,584
= Total Expected Gas Cost (to Schedule 1A)				\$	\$ 3,188,856

Estimated Avg TCo for Nov, Dec, Jan = \$5.9293/Dth (NYMEX Avg + \$-0.6730/Dth (TCo Appal Basis) = **\$5.2563/Dth**

Columbia of KY (Case No. 2021-00308) = **\$6.5573**

Diversified = \$5.2563/Dth (TCo) + \$0.7359 (14% Fuel) + \$1.05 (Commodity) + \$0.20 (Demand) = **\$7.2422/Dth**

Jefferson contract = \$5.2563/Dth (TCo) + \$5.75/Dth cost factor = **\$11.0063/Dth**

CVR = \$5.2563 (TCo) + \$0.1046/Dth (1.996% Fuel) + \$0.0190/Dth Commodity + \$0.3417/Dth (TCo Demand) + \$0.05/Dth CVR Fee = **\$5.7716/Dth**

HI-Energy, HTC, Spirit, Tacket contract = **\$4.00/Dth** or 80% of TCo, whichever is greater

Magnum Drilling contract = **\$10.50/Mcf**

Nytis (Auxier) = **\$5.2563/Dth** (TCo)

Nytis (Sigma) = \$5.2563/Dth (TCo) x .8 = **\$4.2050/Dth**

Slone contract = **\$4.00/Dth**

Southern Energy = \$5.2563/Dth (TCo) + \$1.1500/Dth = **\$6.4063/Dth**

Quality (Belfry) = \$5.2563/Dth (TCo) + \$0.10 = **\$5.3563/Dth**

DLR Trans for Cow Creek (Sigma) = \$1.25/Mcf on volumes from CVR, EQT, HTC, ING, Jefferson, Nytis, Plateau, Southern Energy

\* Estimated 3 mo. TCo = \$5.2563/Dth x .8 = \$4.2050/Dth < \$4.50/Dth; **\$4.50/Dth**

\*\* Estimated 3 mo. TCo = \$5.2563/Dth x .8 = \$4.2050/Dth > \$4.00/Dth; **\$4.2050/Dth**

2021-00377

**KFG Unified**Schedule IV  
Actual Adjustment

For the 3 month period ending:

July 31, 2021

## 5% LIMITER

<u>Particulars</u>	<u>Unit</u>	<u>May-21</u>	<u>Jun-21</u>	<u>Jul-21</u>
Total Supply Volumes Purchased	Mcf	17,066	13,266	8,927
Total Cost of Volumes Purchased	\$	\$ 97,504	\$ 64,504	\$ 66,804
(divide by) Total Sales (5% Limiter)	Mcf	16,213	12,603	8,481
(equals) Unit Cost of Gas	\$/Mcf	\$ 6.0141	\$ 5.1183	\$ 7.8772
(minus) EGC in effect for month	\$/Mcf	\$ 5.6539	\$ 5.6539	\$ 5.6539
(equals) Difference	\$/Mcf	\$ 0.3602	\$ (0.5356)	\$ 2.2233
(times) Actual sales during month	Mcf	13,737	9,504	6,835
(equals) Monthly cost difference	\$	\$ 4,947	\$ (5,091)	\$ 15,196

	<u>Unit</u>	<u>Amount</u>
Total cost difference for the 12 months ended July 31, 2021	\$	\$ 15,053.18
(divide by) Sales for 12 months ended July 31, 2021	Mcf	382,455
(equals) Actual Adjustment for the Reporting Period	\$	0.0394
(plus) Over-recovery component from collections through expired AAs	\$	-
(equals) Total Actual Adjustment for the Reporting Period (to Schedule I C)	\$	0.0394

SCHEDULE V  
BALANCE ADJUSTMENT  
For the Effective Date November 1, 2021

<u>Particulars</u>	<u>Unit</u>	<u>Amount</u>
Total cost difference used to compute AA of the GCR effective 4 quarters prior to the effective date of the currently effective GCR	\$	\$ (82,435)
<b>Less:</b> Dollar amount resulting from the AA of _____ (0.2372) \$/Mcf as used to compute the GCR in effect four quarters prior to the effective date of the currently effective GCR times the sales of _____ <b>382,455</b> Mcf during the 12 month period the AA was in effect	\$	<u>(\$90,718)</u>
<b>Equals:</b> Balance Adjustment of the AA	\$	<u><u>\$8,283</u></u>
Total supplier refund adjustment including interest used to compute RA of the GCR effective 4 quarters prior to the effective date of the currently effective GCR	\$	\$0
<b>Less:</b> Dollar amount resulting from the RA of _____ \$/Mcf as used to compute the GCR in effect four quarters prior to the effective date of the currently effective GCR times the sales of _____ Mcf during the 12 month period the RA was in effect	\$	<u>\$0</u>
<b>Equals:</b> Balance Adjustment of the RA	\$	<u><u>\$0</u></u>
Total balance adjustment used to compute BA of the GCR effective 4 quarters prior to the effective date of the currently effective GCR	\$	<u>\$14,774</u>
<b>Less:</b> Dollar amount resulting from the BA of _____ 0.0425 \$/Mcf as used to compute the GCR in effect four quarters prior to the effective date of the currently effective GCR times the sales of _____ <b>382,455</b> Mcf during the 12 month period the BA was in effect	\$	<u>\$16,254</u>
<b>Equals:</b> Balance Adjustment of the BA	\$	<u><u>(\$1,480)</u></u>
Total Balance Adjustment Amount (1) + (2) + (3)	\$	\$6,803
<b>Divide:</b> Sales for 12 months ended July, 2021	Mcf	<u>382,455</u>
<b>Equals:</b> Balance Adjustment for the reporting period (to Schedule I, part D)	\$/Mcf	<u><u>\$0.0178</u></u>