

The logo for Bluegrass Gas Sales is a dark, textured rectangular banner tilted slightly upwards to the right. The words "BLUEGRASS GAS SALES" are printed in white, bold, sans-serif capital letters across the banner. To the left of the banner, there is a vertical line and a horizontal line that intersect, forming a crosshair-like shape.

BLUEGRASS GAS SALES

February 28, 2024

Mr. Kent Chandler, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P. O. Box 615
Frankfort, Kentucky 40602-0615

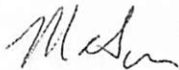
RE: Gas Cost Adjustment request

Dear Mr. Chandler:

Enclosed is the Quarterly Report of Gas Cost Recovery Rate Calculation for the quarter ended December 31, 2023 for Bluegrass Gas Sales, Inc. referenced above. Please find the complete report that is enclosed with this letter.

Please call me if you have any questions.

Sincerely,

A handwritten signature in dark ink, appearing to read "Mark H. O'Brien", is written in a cursive style.

Mark H. O'Brien

Enclosure

BLUEGRASS GAS SALES, INC.

Case Number 2024-00044

**QUARTERLY REPORT OF GAS COST
RECOVERY RATE CALCULATION**

DATE FILED: February 28, 2024

DATE RATES TO BE EFFECTIVE: April 1, 2024

REPORTING PERIOD IS CALENDAR QUARTER ENDED: December 31, 2023

Submitted By: Mark H. O'Brien, President
BlueGrass Gas Sales, Inc.
P.O. Box 23539
Anchorage, KY 40223
(502)228-9698
(502)228-7016 fax

SCHEDULE I

GAS COST RECOVERY RATE SUMMARY

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	\$4.1794
+ Refund Adjustment (RA)	\$/Mcf	\$0.0000
+ Actual Adjustment (AA)	\$/Mcf	(\$0.6635)
+ Balance Adjustment (BA)	\$/Mcf	<u>\$0.0112</u>
= Gas Cost Recovery Rate (GCR)	\$/Mcf	<u><u>\$3.5271</u></u>
GCR to be effective for service rendered from April 1, 2024 to June 30, 2024		
A. <u>Expected Gas Cost Calculation</u>		
Total Expected Gas Cost (from Schedule II)	\$	\$225,808
/ Sales for 12 months ended December 31, 2024	Mcf	<u>54,029</u>
= Expected Gas Cost (EGC)	\$/Mcf	<u><u>\$4.1794</u></u>
B. <u>Refund Adjustment Calculation</u>		
Supplier Refund Adjustment for reporting period (from Schedule III)	\$/Mcf	\$0.0000
+ Previous Quarter Supplier Refund Adjustment	\$/Mcf	\$0.0000
+ Second Previous Quarter Supplier Refund Adjustment	\$/Mcf	\$0.0000
+ Third Previous Quarter Supplier Refund Adjustment	\$/Mcf	<u>\$0.0000</u>
= Refund Adjustment (RA)	\$/Mcf	<u><u>\$0.0000</u></u>
C. <u>Actual Adjustment Calculation</u>		
Actual Adjustment for reporting period (from Schedule IV)	\$/Mcf	\$ 0.1616
+ Previous Quarter Actual Adjustment	\$/Mcf	\$ (0.0242)
+ Second Previous Quarter Actual Adjustment	\$/Mcf	\$ (0.1107)
+ Third Previous Quarter Actual Adjustment	\$/Mcf	<u>\$ (0.6902)</u>
= Actual Adjustment (AA)	\$/Mcf	<u><u>(\$0.6635)</u></u>
D. <u>Balance Adjustment Calculation</u>		
Balance Adjustment for the Reporting Period (from Schedule V)	\$/Mcf	\$ (0.0101)
+ Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0162
+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ (0.0221)
+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf	<u>\$ 0.0272</u>
= Balance Adjustment (BA)	\$/Mcf	<u><u>\$0.0112</u></u>

SCHEDULE II

EXPECTED GAS COST

Projected Purchases for 12 months ended: December 31, 2024

<u>Supplier</u>	<u>Dth</u>	<u>Btu Factor</u>	<u>Mcf</u>	<u>Rate</u>	<u>Cost</u>
Home Office, Inc.	56,966	1.028	55,414	\$4.0749	\$225,808
	0		0		\$0
	0		0		\$0
	0		0		\$0
	0		0		\$0
	0		0		\$0
	0		0		\$0
	0		0		\$0
	0		0		\$0
Totals	<u>56,966</u>		<u>55,414</u>		<u>\$225,808</u>

	<u>Unit</u>	<u>Amount</u>
Projected purchases for 12 months ended December 31, 2024	Mcf	55,414
- Projected sales for 12 months ended December 31, 2024	Mcf	<u>54,029</u>
= Projected line loss for 12 months ended December 31, 2024		<u>1,385</u>
Total expected cost of purchases	\$	\$225,808
/ Mcf purchases	Mcf	<u>55,414</u>
= Average expected cost per Mcf	\$/Mcf	\$4.0749
x Allowable Mcf purchases (not to exceed 95% of Mcf sales)	Mcf	<u>55,414</u>
= Total Expected Gas Cost (to Schedule I, part A)	\$	<u>\$225,808</u>

SCHEDULE III

SUPPLIER REFUND ADJUSTMENT

For the 3 month period ended: December 31, 2023

<u>Particulars</u>	<u>Unit</u>	<u>Amount</u>
Total supplier refunds received	\$	\$0
+ Interest		<u>\$0</u>
= Refund Adjustment including interest		\$0
/ Sales for 12 months ended December 31, 2023	Mcf	<u>54,029</u>
Supplier Refund Adjustment for the reporting period (to Schedule I, part B)	\$/Mcf	<u><u>\$0.0000</u></u>

SCHEDULE IV

ACTUAL ADJUSTMENT

For the 3 month period ended: December 31, 2023

<u>Particulars</u>	<u>Unit</u>	<u>Month 1</u> (Oct)	<u>Month 2</u> (Nov)	<u>Month 3</u> (Dec)
Total supply volume purchased	Mcf	2,433	5,680	13,005
Total cost of volumes purchased	\$	\$9,797	\$28,547	\$70,166
/ Total sales (may not be less than 95% of supply volumes)	Mcf	<u>2,372</u>	<u>5,538</u>	<u>12,680</u>
= Unit cost of gas	\$/Mcf	4.1299	5.1548	5.5338
- EGC in effect for month	\$/Mcf	\$4.8460	\$4.8460	\$4.8460
= Difference [(over)/under-recovery]	\$/Mcf	(\$0.7161)	\$0.3088	\$0.6878
x Actual sales during month	Mcf	<u>2,372</u>	<u>5,538</u>	<u>12,680</u>
= Monthly cost difference	\$	<u>(\$1,699)</u>	<u>\$1,710</u>	<u>\$8,721</u>
Total cost difference (Month 1+2+3)	\$	\$8,732		
/ Sales for 12 months ended 12/31/2023	Mcf	<u>54,029</u>		
Actual Adjustment for the reporting period (to Schedule I, part C)	\$/Mcf	<u>\$0.1616</u>		

SCHEDULE V
BALANCE ADJUSTMENT

For the 3 month period ended: December 31, 2023

<u>Particulars</u>	<u>Unit</u>	<u>Amount</u>
(1) Total cost difference used to compute AA of the GCR effective 4 quarters prior to the effective date of the currently effective GCR	\$	(\$3,510)
Less: Dollar amount resulting from the AA of (0.0548) \$/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 54,029 Mcf during the 12 month period the AA was in effect	\$	<u>(\$2,961)</u>
Equals: Balance Adjustment of the AA	\$	<u><u>(\$549)</u></u>
(2) 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
Less: 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>
Equals: Balance Adjustment of the RA	\$	<u><u>\$0</u></u>
(3) Total balance adjustment used to compute BA of the GCR effective 4 quarters prior to the effective date of the currently effective GCR	\$	\$33
Less: Dollar amount resulting from the BA of 0.0005 \$/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 54,029 Mcf during the 12 month period the BA was in effect	\$	<u>\$27</u>
Equals: Balance Adjustment of the BA	\$	<u><u>\$6</u></u>
Total Balance Adjustment Amount (1) + (2) + (3)	\$	(\$543)
Divide: Sales for 12 months ended December 31, 2023	Mcf	<u>54,029</u>
Equals: Balance Adjustment for the reporting period (to Schedule I, part D)	\$/Mcf	<u><u>(\$0.0101)</u></u>