

**Martin Gas Inc.**  
**P.O. Box 783**  
**Hindman, KY 41822**

September 6, 2022

Mrs. Gwen R. Pinson

Executive Director

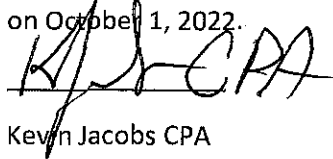
Kentucky Public Service Commission

P.O. Box 615

Frankfort KY 40602-0615

Mrs. Pinson:

Please find enclosed our Quarterly Report of Gas Cost Recovery Rate Calculations to become effective on October 1, 2022.

A handwritten signature in black ink, appearing to read "K. Jacobs CPA", is written over a horizontal line.

Kevin Jacobs CPA

Quarterly Report of Gas Cost  
Recovery Rate Calculation

Date Filed:

September 6 ,2022

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Date Rates to Be Effective:

October 1 2022

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Reporting Period is Calendar Quarter Ended:

June 30 2022

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## SCHEDULE I

**GAS COST RECOVERY RATE SUMMARY**

<u>Componet</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	6.2660
+ Refund Adjustment (RA)	\$/Mcf	
+ Actual Adjustment (AA)	\$/Mcf	1.27775
+ <u>Balance Adjustment (BA)</u>	\$/Mcf	-0.01376
= Gas Cost Recovery Rate (GCR)		7.5300

GCR to be effective for service rendered from October 1 2022 to December 31 2022	
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A.	<u>EXPECTED GAS COST CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
	Total Expected Gas Cost (Schedule II)	\$	213256.19
	+ <u>Sales for the 12 months ended</u> 6/30/2022	Mcf	<u>34034</u>
	= Expected Gas Cost (ECG)	\$/Mcf	6.2660

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

C.	<u>ACTUAL ADJUSTMENT CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
	Actual Adjustment for the Reporting Period (Schedule IV)	\$/Mcf	0.0515
	+ Previous Quarter Reported Actual Adjustment	\$/Mcf	0.6635
	+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf	0.5032
	+ <u>Third Previous Quarter Reported Actual Adjustment</u>	\$/Mcf	0.0596
	= Actual Adjustment (AA)	\$/Mcf	1.2778

C.	<u>BALANCE ADJUSTMENT CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
	Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf	(0.0051)
	+ Previous Quarter Reported Balance Adjustment	\$/Mcf	0.0024
	+ Second Previous Quarter Balance Adjustment	\$/Mcf	0.0023
	+ <u>Third Previous Quarter Balance Adjustment</u>	\$/Mcf	(0.0134)
	= Balance Adjustment (BA)	\$/Mcf	(0.0138)

SCHEDULE II

EXPECTED GAS COST

Actual \* MCF Purchases for 12 months ended 6-30-22

Supplier	Date	MCF	Rate	Cost
	7/31/2021	522.00	5.8414	3049.19
	8/31/2021	534.00	5.8418	3119.51
	9/30/2021	550.00	5.8493	3217.09
	10/31/2021	1651.00	5.7540	9499.85
	11/30/2021	5192.00	6.4147	33305.01
	12/31/2021	4082.00	6.3032	25729.46
	1/31/2022	7528.28	5.8270	43867.39
	2/28/2022	7021.66	6.1998	43533.22
	3/31/2022	4451.00	6.2057	27621.38
	4/30/2022	2117.00	5.7232	12116.01
	5/31/2022	746.00	6.1682	4601.44
	6/30/2022	567.00	6.3433	3596.64

Totals 34961.94 6.0997 213256.19

Line loss for 12 months ended 6/30/2022 -2.6541% based on purchases of  
34961.94 Mcf and sales of 34034.00 Mcf.

	<u>Unit</u>	<u>Amount</u>
Total Expected Cost of Purchases (6)	\$	213256.19
Uncollectable Gas Cost		0.00
Total		213256.19
<u>+ Mcf Purchases (4)</u>	Mcf	<u>34961.94</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	6.0997
<u>X Allowable Mcf Purchases (must not exceed Mcf sales + .95</u>	Mcf	<u>34961.94</u>
= Total Expected Gas Cost (to Schedule IA)	\$	213256.19

\* Or adjusted pursuant to Gas Cost Adjustment Clause and explained herein.

\*\*Supplier's tariff sheets or notices are attached.

Gas Sold	FYE	6-30-22		
Martin 1	Martin2	Total		

7/31/2021	5	516	521		
8/31/2021	31	490	521		
9/30/2021	54	489	543		
10/31/2021	125	1506	1631		
11/30/2021	1124	4036	5160		
12/31/2021	1221	2842	4063		
1/31/2022	1503	5659	7162		
2/28/2022	1097	5672	6769		
3/31/2022	879	3457	4336		
4/30/2022	636	1410	2046		
5/31/2022	58	672	730		
6/30/2022	41	511	552		
	6774	27260	34034		

SCHEDULE IV

ACTUAL ADJUSTMENT

For the 3 month period ended June 30 2022

<u>Particulars</u>	<u>Unit</u>	Month 1	Month 2	Month 3
		4/30/2022	5/31/2022	6/30/2022
Total Supply Volumes Purchased	Mcf	2117.00	746.00	567.00
Total Cost of Volumes Purchased	\$	12116.01	4601.44	3596.64
+ Total Sales	Mcf	2046.00	730.00	552.00
ECG Revenue		11412.18	4071.79	3078.95
Difference		703.83	529.65	517.69
(may not be less than 95% of supply volumes)		-		-
<u>= Unit Cost of Gas</u>	<u>\$/Mcf</u>	<u>5.7232</u>	<u>6.1682</u>	<u>6.3433</u>
<u>- EGC in effect for month</u>	<u>\$/Mcf</u>	<u>5.5778</u>	<u>5.5778</u>	<u>5.5778</u>
= Difference	\$/Mcf	0.1454	0.5904	0.7655
<u>[(over-)/Under-Recovery]</u>				
<u>x Actual sales during month</u>	<u>Mcf</u>	<u>2046.00</u>	<u>730.00</u>	<u>552.00</u>
<u>= Monthly cost difference</u>	<u>\$</u>	<u>297.48</u>	<u>430.96</u>	<u>422.55</u>

	Unit	Amount
Total cost difference (Month 1 + Month 2 + Month 3)	\$	1751.17
<u>+ Sales for 12 months ended</u> <span style="border: 1px solid black; padding: 2px;">6/30/2022</span>	Mcf	34034.00
= Actual Adjustment for the Reporting Period (to Schedule C)	\$/Mcf	0.0515

SCHEDULE V

BALANCE ADJUSTMENTS

For the 3 month period ended

<u>Particulars</u>	<u>UNIT</u>	<u>AMOUNT</u>
(1) Total Cost Difference used to compute AA of the GCR effective four quarters prior to the effective date of the currently effective GCR	\$	836.43
Less: Dollar amount resulting from the AA 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 AA was in effect.	0.0300  34034.00	  <u>1,021.02</u>
Equals: Balance Adjustment for the AA.	\$	(184.59)
(2) Total Supplier Refund Adjustment including interest used to compute RA of the GCR effective four quarters prior to the effective date of the currently effective GCR.		
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.		
Equals: Balance Adjustment for the RA		
(3) Total Balance Adjustment used to compute BA of the GCR effective four quarters prior to the effective date of the currently effective GCR		(62.62)
Less: Dollar amount resulting from the BA 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 BA was in effect.	(0.0022)  34034.00	  (74.87)
Equals: Balance Adjustment for the BA.		<u>12.25</u>
Total Balance Adjustment Amount (1) + (2) + (3)	\$	(172.34)
Sales for 12 months ended	6/30/2022 MCF	<u>34034.00</u>
Balance Adjustment for the Reporting Period (to Schedule ID.)	\$/Mcf	(0.0051)