

Sentra Corporation

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

Date Filed:

March 24, 2025

Date Rates to be Effective:

May 1, 2025

Reporting Period is Calendar Quarter Ended:

January 31, 2025

**SCHEDULE I
GAS COST RECOVERY RATE SUMMARY**

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	4.8720
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	(0.9187)
+ Balance Adjustment (BA)	\$/Mcf	<u>0.4875</u>
= Gas Cost Recovery Rate (GCR)	\$/Mcf	4.4408

GCR to be effective for service rendered from May 1, 2025

A. EXPECTED GAS COST CALCULATION

	<u>Unit</u>	
Total Expected Gas Cost (Schedule II)	\$	150,269.17
+ Sales for the 12 months ended	Mcf	<u>30,843.30</u>
- Expected Gas Cost (EGC)	\$/Mcf	4.8720

B. REFUND ADJUSTMENT CALCULATION

	<u>Unit</u>	
Supplier Refund Adjustment for Reporting Period (Sch. III)	\$/Mcf	\$ -
+ 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. ACTUAL ADJUSTMENT CALCULATION

	<u>Unit</u>	
Actual Adjustment for the Reporting Period (Schedule IV)	\$/Mcf	\$ 0.3323
+ Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.6215) 2024-00015
+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.6295) 2024-00306
+ Third Previous Quarter Reported Actual Adjustment	\$/Mcf	<u>(0.0459) 2024-00208</u>
=Actual Adjustment (AA)	\$/Mcf	\$ (0.9187)

D. BALANCE ADJUSTMENT CALCULATION

	<u>Unit</u>	
Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf	\$ 0.4574
+ Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0027 2024-00015
+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0002 2024-00306
+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf	<u>\$ 0.0272 2024-00208</u>
=Balance Adjustment (BA)	\$/Mcf	\$ 0.4875

SCHEDULE II
EXPECTED GAS COST

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Actual* Mcf Purchase for 12 months ended

1/31/2025

	(1) Supplier	(2) NYMEX Dth	(3) Heat Rate	(4) Mcf	(5) ** Rate	(6) Gas Cost Adder (\$0.40/dth)	(7) Transport Fee	(8) (4)x[(5)+(6)+(7)] Cost
					=(2)x(3)			
Feb	Middle Tennessee NG	4.1691	1.0663	4351.00	4.4455	0.4265	0.0000	21,198.16
Mar	Middle Tennessee NG	4.1691	1.0663	3000.60	4.4455	0.4265	0.0000	14,618.98
Apr	Middle Tennessee NG	4.1691	1.0663	2112.80	4.4455	0.4265	0.0000	10,293.60
May	Middle Tennessee NG	4.1691	1.0663	808.60	4.4455	0.4265	0.0000	3,939.52
Jun	Middle Tennessee NG	4.1691	1.0663	418.60	4.4455	0.4265	0.0000	2,039.43
Jul	Middle Tennessee NG	4.1691	1.0663	1247.40	4.4455	0.4265	0.0000	6,077.36
Aug	Middle Tennessee NG	4.1691	1.0663	291.70	4.4455	0.4265	0.0000	1,421.17
Sept	Middle Tennessee NG	4.1691	1.0663	549.80	4.4455	0.4265	0.0000	2,678.64
Oct	Middle Tennessee NG	4.1691	1.0663	1691.10	4.4455	0.4265	0.0000	8,239.07
Nov	Middle Tennessee NG	4.1691	1.0663	1819.50	4.4455	0.4265	0.0000	8,864.64
Dec	Middle Tennessee NG	4.1691	1.0663	5935.30	4.4455	0.4265	0.0000	28,916.90
Jan	Middle Tennessee NG	4.1691	1.0663	8616.90	4.4455	0.4265	0.0000	41,981.71
	Totals			30,843.30				150,269.17

Line losses are 30,843.30 Mcf and sales of Unknown for 12 months ended 1/31/2025 based on purchases of 30,843.30

	Unit	Amount
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$150,269.17
Expected Mcf Purchases (4)	Mcf	<u>30,843.30</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 4.8720
Plus: Expected Losses of _____ (not to exceed 5%) (D26/0.95) if line loss > 5%	Mcf	<u>30,843.30</u>
= Total Expected Gas Cost (J32*J33 if line loss)	\$	\$150,269.17

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

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

SCHEDULE III
SUPPLIER REFUND ADJUSTMENT

Details for the 3 months ended

<u>Particulars</u>	<u>Unit</u>	<u>Amount</u>
Total supplier refunds received	\$	\$ -
+ Interest	\$	\$ -
<hr/>		
= Refund Adjustment including interest	\$	\$ -
+ Sales for 12 months ended _____ 1/31/2025	Mcf	30,843.30
<hr/>		
=Supplier Refund Adjustment for the Reporting Period (to Schedule IB.)	\$/Mcf	\$ -

SCHEDULE IV
ACTUAL ADJUSTMENT

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For the 12 month period ended January 31, 2025

<u>Particulars</u>	<u>Unit</u>	<u>Month 1</u>	<u>Month 2</u>	<u>Month 3</u>	
		<u>Nov-24</u>	<u>Dec-24</u>	<u>Jan-25</u>	
Total Supply Volumes Purchased	Mcf	6,331.0	13,156.0	21,585.0	
Total Cost of Volumes Purchased	\$	5,269.85	24,588.12	39,809.69	
/ Total Sales *	Mcf	1,819.5	5,935.3	8,616.9	
= Unit Cost of Gas	\$/Mcf	\$2.8963	\$4.1427	\$4.6200	
Transport Fee	\$/Mcf	\$0.0000	\$0.0000	\$0.0000	
Total Unit Cost of Gas	\$/Mcf	\$2.8963	\$4.1427	\$4.6200	
- EGC in Effect for Month	\$/Mcf	\$3.6293	\$3.6293	\$3.6293	Approved in 2024-00306
= Difference	\$/Mcf	(\$0.7330)	\$0.5134	\$0.9907	
x Actual Sales during Month	Mcf	1,819.5	5,935.3	8,616.9	
= Monthly Cost Difference	\$	(\$1,334)	\$3,047	\$8,536	
Total Cost Difference			\$	\$10,249.85	
/ Sales for 12 months ended			Mcf	30,843.30	
= Actual Adjustment for the Reporting Period				\$0.3323	

* May not be less than 95% of supply volume

SCHEDULE V
BALANCE ADJUSTMENT

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For the 3 month period ended 1/31/2025

Line	Particulars	Unit	Amount	
	Utility Gas Management			2024-00073
(1)	Total cost difference from actual adjustment used to compute AA of the GCR effective four quarters prior to the effective date of the currently effective GCR.			17649
1		\$	<u>4,518.14</u>	AA = -.2560 17649.00 X -.2560
2 Less:	Dollars amount resulting from the AA of <u>\$ (0.2560)</u> \$/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			
3	<u>30,843.30</u> MCF during the 12 month period the AA was in effect.	\$	<u>(7,895.88)</u>	
4 Equals:	Balance Adjustment for the AA.	\$	<u>12,414.02</u>	
(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.			2024-00073 effective May 1, 2024 12 months prior to start of this order February 1, 2024
5		\$	<u>-</u>	
6 Less:	Dollar amount resulting from the RA of <u>-</u> \$/MCF as used to compute the OCR in effect four quarters prior to the effective GCR times the sales of			
7	<u>30,843.30</u> MCF during the 12 month period the RA was in effect.	\$	<u>-</u>	
8 Equals:	Balance Adjustment for the RA.	\$	<u>-</u>	
(3)	Total Balance Adjustment used to compute RA of the GCR effective four quarters prior to the effective date of the currently effective GCR.			2024-00073 BA = 0.0520
9		\$	<u>90.95</u>	17649 X .0520
10 Less:	Dollar amount resulting from the BA of <u>\$ (0.0520)</u> \$/MCF four quarters prior to the effective date of the currently effective GCR times the sales of			
11	<u>30,843.30</u> MCF during the 12 month period the BA was in effect.	\$	<u>(1,603.85)</u>	
12 Equals:	Balance Adjustment for the BA.	\$	<u>1,694.80</u>	
13	Total Balance Adjustment Amount (1) + (2) + (3)	\$	<u>14108.82</u>	
14	Divided B Sales for 12 months ended	\$	<u>30,843.30</u>	
15 Equals:	Balance Adjustment for the Reporting Period.	\$/MCF	<u>0.4574</u>	

Beginning September 1, 2022 by agreement with Sentra's source of natural gas, Sentra's cost of gas will be the NYMEX monthly close plus \$0.40 per dekatherm. There will be no additional transport fee.

Supplier Invoice

	MCF	MMBTU	Heat Rate
Feb	10143	10845	1.0692
Mar	7655	7953	1.0389
Apr	3823	3958	1.0353
May	1900	2035	1.0711
Jun	978	1043	1.0665
Jul	772	825	1.0687
Aug	1724	1850	1.0731
Sep	1127	1193	1.0586
Oct	4389	4689	1.0684
Nov	6331	6772	1.0697
Dec	13156	14112	1.0727
Jan 25	21585	23186	1.0742
	73583	78461	1.0663

MIDDLE TENNESSEE NATURAL GAS UTILITY DISTRICT
P.O. BOX 670
SMITHVILLE, TN 37166

Sentra Corporation
112 Orchard Lane
Thompkinsville, KY 42167

Billing Date: 12/02/24

Location ID: 022726
Customer ID: 080659

<u>Meter Readings (MCF)</u>	<u>Fountain Run</u>	<u>Gamaliel</u>	<u>Meters off 8"</u>
10/31/24	243,295	4,347.8	
11/27/24	244,860	4,556.4	
	1,565	208.6	23.3

<u>1,796,900</u> Cu. Ft.	=	<u>17,969</u>	CCF
<u>17,969</u> CCF X BTU Factor	=	<u>19,191</u>	Therms
1,919 Dth X NYMEX EOM	\$ 2.346 /Dth	<u>\$ 4,502.21</u>	
1,919 Dth X MTNGUD Charge	\$ 0.400 /Dth	<u>\$ 767.64</u>	

Sub-Total \$ 5,269.85

NET BILL DUE NOW \$ 5,269.85

10% Penalty if Paid after 12/26/24 \$ 450.22

Gross Bill Due if Paid after 12/26/24 \$ 5,720.07

**Texas Eastern Transmission, LP
Station Daily Volume Report**



Station: 73161 - Middle TN Gas Monroe Co, KY

Period: 11/1/2024 To 11/30/2024 **Closed Date:** 12/6/2024 3:18 PM

Analyst: Zachary Teykl

Phone:

Gas Date	Vol @ 14.730 PSI (MCF)	BTU (BTU(IT)/CF)	Energy (MMBTU(IT))
11/01/2024	178	1068.118	191
11/02/2024	131	1066.768	140
11/03/2024	76	1068.610	82
11/04/2024	63	1070.336	67
11/05/2024	47	1069.683	50
11/06/2024	43	1068.922	45
11/07/2024	91	1067.956	97
11/08/2024	143	1067.152	152
11/09/2024	75	1067.912	80
11/10/2024	105	1068.973	112
11/11/2024	185	1070.010	198
11/12/2024	248	1067.808	265
11/13/2024	160	1067.384	171
11/14/2024	185	1066.437	197
11/15/2024	205	1070.422	220
11/16/2024	236	1072.916	253
11/17/2024	157	1073.264	168
11/18/2024	66	1072.475	70
11/19/2024	59	1073.442	63
11/20/2024	312	1074.009	335
11/21/2024	389	1068.781	416
11/22/2024	283	1066.875	302
11/23/2024	359	1069.538	384
11/24/2024	155	1071.624	166
11/25/2024	186	1070.740	199
11/26/2024	382	1070.554	409
11/27/2024	251	1071.668	269
11/28/2024	466	1071.488	499
11/29/2024	618	1072.025	662
11/30/2024	477	1070.204	510
Total	6,331	N/A	6,772
Daily Avg	211	1,069.870	226
Daily Min	43	1,066.437	45
Daily Max	618	1,074.009	662

MIDDLE TENNESSEE NATURAL GAS UTILITY DISTRICT

P.O. BOX 670
SMITHVILLE, TN 37166

Sentra Corporation
112 Orchard Lane
Thompsonville, KY 42167

Billing Date: 01/02/25

Location ID: 022726
Customer ID: 080659

<u>Meter Readings (MCF)</u>	<u>Fountain Run</u>	<u>Gamaliel</u>	<u>Meters off 8"</u>
11/27/24	244,860	4,556.4	
12/31/24	<u>249,882</u>	<u>5,564.4</u>	
	5,022	1,008.0	94.2

<u>6,124,200</u> Cu. Ft.	=	<u>61,242</u>	CCF
<u>61,242</u> CCF X BTU Factor	=	<u>64,182</u>	Therms
		<u>1.048</u>	
<u>6,418</u> Dth X NYMEX EOM	\$ 3.431 /Dth	<u>\$ 22,020.84</u>	
<u>6,418</u> Dth X MTNGUD Charge	\$ 0.400 /Dth	<u>\$ 2,567.28</u>	

Sub-Total \$ 24,588.12

NET BILL DUE NOW \$ **24,588.12**

10% Penalty if Paid after 01/26/25 \$ 2,202.08

Gross Bill Due if Paid after 01/26/25 \$ 26,790.20

**Texas Eastern Transmission, LP
Station Daily Volume Report**



Station: 73161 - Middle TN Gas Monroe Co, KY

Period: 12/1/2024 To 1/1/2025 **Closed Date:** N/A

Analyst: Zachary Teykl

Phone:

Gas Date	Vol @ 14.730 PSI (MCF)	BTU (BTU(IT)/CF)	Energy (MMBTU(IT))
12/01/2024	521	1070.391	558
12/02/2024	574	1073.153	616
12/03/2024	671	1073.698	720
12/04/2024	371	1072.661	398
12/05/2024	734	1072.485	787
12/06/2024	615	1073.281	660
12/07/2024	389	1074.681	418
12/08/2024	245	1074.421	263
12/09/2024	160	1074.942	172
12/10/2024	259	1076.148	279
12/11/2024	525	1076.359	565
12/12/2024	458	1074.364	493
12/13/2024	414	1070.824	443
12/14/2024	236	1071.618	253
12/15/2024	188	1074.731	202
12/16/2024	160	1071.181	171
12/17/2024	204	1071.490	218
12/18/2024	323	1070.865	346
12/19/2024	452	1072.131	485
12/20/2024	564	1071.652	604
12/21/2024	624	1073.573	670
12/22/2024	600	1073.015	643
12/23/2024	418	1073.692	448
12/24/2024	448	1073.761	481
12/25/2024	311	1073.724	334
12/26/2024	317	1072.052	339
12/27/2024	259	1069.885	277
12/28/2024	166	1072.540	178
12/29/2024	348	1075.239	374
12/30/2024	279	1072.782	299
12/31/2024	523	1071.599	561
1/01/2025	800	1071.863	857
Total	13,156	N/A	14,112
Daily Avg	411	1,072.963	441
Daily Min	160	1,069.885	171
Daily Max	800	1,076.359	857

MIDDLE TENNESSEE NATURAL GAS UTILITY DISTRICT
P.O. BOX 670
SMITHVILLE, TN 37166

Sentra Corporation
112 Orchard Lane
Thompkinsville, KY 42167

Billing Date: 02/01/25

Location ID: 022726
Customer ID: 080659

<u>Meter Readings (MCF)</u>	<u>Fountain Run</u>	<u>Gamaliel</u>	<u>Meters off 8"</u>
12/31/24	249,882	5,564.4	
01/31/25	<u>257,784</u>	<u>7,009.4</u>	
	7,902	1,445.0	132.1

<u>9,479,100</u> Cu. Ft.	=	<u>94,791</u>	CCF
<u>94,791</u> CCF X BTU Factor	=	<u>101,711</u>	Therms
<u>10,171</u> Dth X NYMEX EOM	\$ 3.514 /Dth	<u>\$ 35,741.25</u>	
<u>10,171</u> Dth X MTNGUD Charge	\$ 0.400 /Dth	<u>\$ 4,068.44</u>	
Sub-Total		<u>\$ 39,809.69</u>	
NET BILL DUE NOW		\$	<u>39,809.69</u>
10% Penalty if Paid after <u>02/25/25</u>		\$	<u>3,574.12</u>
Gross Bill Due if Paid after <u>02/25/25</u>		\$	<u>43,383.81</u>

Pd 2-21-25

**Texas Eastern Transmission, LP
Station Daily Volume Report**



Station: 73161 - Middle TN Gas Monroe Co, KY

Period: 1/1/2025 To 2/1/2025 **Closed Date:** N/A

Analyst: Zachary Teykl **Phone:**

Gas Date	Vol @ 14.730 PSI (MCF)	BTU (BTU(IT)/CF)	Energy (MMBTU(IT))
1/01/2025	800	1071.863	857
1/02/2025	583	1072.296	625
1/03/2025	765	1072.184	821
1/04/2025	719	1073.138	771
1/05/2025	618	1073.092	663
1/06/2025	820	1071.605	879
1/07/2025	819	1073.141	879
1/08/2025	959	1071.752	1027
1/09/2025	749	1072.509	804
1/10/2025	734	1071.312	786
1/11/2025	807	1072.253	865
1/12/2025	649	1072.415	696
1/13/2025	810	1071.281	868
1/14/2025	751	1070.373	804
1/15/2025	724	1073.757	777
1/16/2025	585	1075.435	629
1/17/2025	338	1075.826	364
1/18/2025	539	1075.560	580
1/19/2025	1011	1076.522	1088
1/20/2025	958	1079.944	1035
1/21/2025	1010	1080.073	1091
1/22/2025	782	1077.222	842
1/23/2025	647	1078.170	698
1/24/2025	775	1077.623	835
1/25/2025	520	1075.456	559
1/26/2025	496	1072.387	532
1/27/2025	609	1072.825	654
1/28/2025	401	1073.294	431
1/29/2025	435	1072.868	467
1/30/2025	359	1074.478	386
1/31/2025	315	1074.400	338
2/01/2025	498	1074.845	535
Total	21,585	N/A	23,186
Daily Avg	675	1,074.059	725
Daily Min	315	1,070.373	338
Daily Max	1,011	1,080.073	1,091

Usage Report

From: 01/01/2025 Through: 01/31/2025

Sorted By: Account Number

Service	Measure	Act Usage	Bill Usage	Adj Usage	Adj Amt	Charges
Grand Totals						
GAS	Cubic	0	0	0	0.00	1085.00
GAS	Gallons	0	0	0	0.00	3657.00
BASE RATE	Cubic	8616.9	8616.9	0	0.00	134518.03
GAS RECOVE	Cubic	8616.9	8616.9	0	0.00	24130.70
Number of Accounts		202				
Number of Locations		203				
Account/Location Combinations		203				

Usage Report

From: 12/01/2024 Through: 12/31/2024

Sorted By: Account Number

Service	Measure	Act Usage	Bill Usage	Adj Usage	Adj Amt	Charges
Grand Totals						
GAS	Cubic	0	0	0	0.00	1085.00
GAS	Gallons	0	0	0	0.00	3621.00
BASE RATE	Cubic	5935.3	5935.3	0	0.00	93910.77
GAS RECOVE	Cubic	5935.3	5935.3	0	0.00	16621.09
Number of Accounts		200				
Number of Locations		201				
Account/Location Combinations		201				

Usage Report

From: 11/01/2024 Through: 11/30/2024

Sorted By: Account Number

Service	Measure	Act Usage	Bill Usage	Adj Usage	Adj Amt	Charges
Grand Totals						
GAS	Cubic	0	0	0	0.00	1085.00
GAS	Gallons	0	0	0	0.00	3603.00
BASE RATE	Cubic	1819.5	1819.5	0	0.00	29167.31
GAS RECOVER	Cubic	1819.5	1819.5	0	0.00	5095.20
Number of Accounts		199				
Number of Locations		200				
Account/Location Combinations		200				

HENRY HUB NATURAL GAS FUTURES - QUOTES

VENUE: GLOBE

AUTO-REFRESH IS OFF

Last Updated 24 Mar 2025 08:35:09 AM CT. Market data is delayed by at least 10 minutes.

Add then Divide by 6

MONTH	OPTIONS	CHART	LAST	CHANGE	PRIOR SETTLE	OPEN	HIGH	LOW	VOLUME	UPDATED
APR 2025 NGJ5	OPT		3.979	-0.001 (-0.03%)	3.980	3.880	4.004	3.862	25,261	08:25:51 CT 24 Mar 2025
MAY 2025 NGK5	OPT		4.021	-0.003 (-0.07%)	4.024	3.935	4.044	3.915	35,723	08:25:51 CT 24 Mar 2025
JUN 2025 NGM5	OPT		4.171	-0.011 (-0.26%)	4.182	4.101	4.197	4.082	10,906	08:25:55 CT 24 Mar 2025
JUL 2025 NGN25	OPT		4.420	-0.008 (-0.18%)	4.428	4.340	4.443	4.334	7,319	08:25:52 CT 24 Mar 2025

= 4.1691

Jan	3.514	2.619	4.709	4.024	2.467	2.158	3.642	2.738	3.930	2.372
Feb	3.535	2.490	3.109	6.265	2.760	1.877	2.950	3.631	3.391	2.189
Mar	3.906	1.615	2.451	4.568	2.854	1.821	2.855	2.639	2.627	1.711
Apr		1.575	1.991	5.336	2.586	1.634	2.713	2.691	3.175	1.903
May		1.614	2.117	7.267	2.925	1.794	2.566	2.821	3.142	1.995
Jun		2.493	2.181	8.908	2.984	1.722	2.633	2.875	3.236	1.963
Jul		2.628	2.603	6.551	3.617	1.495	2.291	2.996	3.067	2.917
Aug		1.907	2.492	8.687	4.044	1.854	2.141	2.822	2.969	2.672
Sep		1.930	2.556	9.353	4.370	2.579	2.251	2.895	2.961	2.853
Oct		2.585	2.764	6.868	5.841	2.101	2.428	3.021	2.974	2.952
Nov		2.346	3.164	5.186	6.202	2.996	2.597	3.185	2.752	2.764
Dec		3.431	2.706	6.712	5.447	2.896	2.470	4.715	3.074	3.232
Average	3.652	2.269	2.737	6.644	3.841	2.077	2.628	3.086	3.108	2.46