

Sentra Corporation

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

Date Filed:

June 26, 2020

Date Rates to be Effective:

August 1, 2020

Reporting Period is Calendar Quarter Ended:

April 30, 2020

SCHEDULE I
GAS COST RECOVERY RATE SUMMARY

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	3.4406
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	(1.2886)
+ Balance Adjustment (BA)	\$/Mcf	<u>0.1135</u>
= Gas Cost Recovery Rate (GCR)	\$/Mcf	2.2655

GCR to be effective for service rendered from August 1, 2020

A. EXPECTED GAS COST CALCULATION

	<u>Unit</u>	
Total Expected Gas Cost (Schedule II)	\$	95,992.74
+ Sales for the 12 months ended	Mcf	<u>27,900.00</u>
- Expected Gas Cost (EGC)	\$/Mcf	3.4406

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	\$ (0.0828)
+ Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.4570) Approved 2020-00078
+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.1554) Approved 2019-00465
+ Third Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.5934) Approved 2019-00371
=Actual Adjustment (AA)	\$/Mcf	\$ (1.2886)

D. BALANCE ADJUSTMENT CALCULATION

	<u>Unit</u>	
Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf	\$ -
+ Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0381 Approved 2020-00078
+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0661 Approved 2019-00465
+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0093 Approved 2019-00371
=Balance Adjustment (BA)	\$/Mcf	\$ 0.1135

**SCHEDULE II
EXPECTED GAS COST**

Appendix B
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Actual* Mcf Purchase for 12 months ended

4/30/2020

	(1) Supplier	(2) NYMEX Dth	(3) Heat Rate	(4) Mcf	(5) ** Rate	(6) Greystone Adder	(7) Clay Gas Transport Fee (\$1.00/Dth)	(8) (4)x[(5)+(6)+(7)] Cost
					=(2)x(3)			
May	Greystone, LLC	1.7557	1.0727	797.70	1.8833	0.4846	1.0727	2,744.57
Jun	Greystone, LLC	1.7557	1.0727	367.80	1.8833	0.4846	1.0727	1,265.45
Jul	Greystone, LLC	1.7557	1.0727	386.30	1.8833	0.4846	1.0727	1,329.10
Aug	Greystone, LLC	1.7557	1.0727	339.50	1.8833	0.4846	1.0727	1,168.08
Sep	Greystone, LLC	1.7557	1.0727	349.50	1.8833	0.4846	1.0727	1,202.49
Oct	Greystone, LLC	1.7557	1.0727	1711.50	1.8833	0.4846	1.0727	5,888.59
Nov	Greystone, LLC	1.7557	1.0727	3475.90	1.8833	0.4846	1.0727	11,959.18
Dec	Greystone, LLC	1.7557	1.0727	3171.70	1.8833	0.4846	1.0727	10,912.55
Jan	Greystone, LLC	1.7557	1.0727	6755.50	1.8833	0.4846	1.0727	23,242.97
Feb	Greystone, LLC	1.7557	1.0727	4153.20	1.8833	0.4846	1.0727	14,289.50
Mar	Greystone, LLC	1.7557	1.0727	3390.10	1.8833	0.4846	1.0727	11,663.98
Apr	Greystone, LLC	1.7557	1.0727	3001.30	1.8833	0.4846	1.0727	10,326.27
	<u>Totals</u>			<u>27,900.00</u>				<u>95,992.74</u>

Line losses are Unknown for 12 months ended 4/30/2020 based on purchases of 27,900.00 Mcf and sales of 27,900.00

	Unit	Amount
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$ 95,992.74
Expected Mcf Purchases (4)	Mcf	<u>27,900.00</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 3.4406
Plus: Expected Losses of (not to exceed 5%) (D26/0.95) if line loss > 5%	Mcf	<u>27,900.00</u>
= Total Expected Gas Cost (J32*J33 if line loss)	\$	\$ 95,992.74

*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 _____ 4/30/2020	Mcf	27,900.00
<hr/>		
=Supplier Refund Adjustment for the Reporting Period (to Schedule IB.)	\$/Mcf	\$ -

SCHEDULE IV
ACTUAL ADJUSTMENT

For the 12 month period ended April 30, 2020

Particulars	Unit	Month 1	Month 2	Month 3	
		Feb-20	Mar-20	Apr-20	
Total Supply Volumes Purchased	Mcf	4,153.20	3,390.10	3,001.30	
Total Cost of Volumes Purchased	\$	11,165.88	8,597.97	6,036.51	
/ Total Sales *	Mcf	4,153.2	3,390.1	3,001.3	
= Unit Cost of Gas	\$/Mcf	\$2.6885	\$2.5362	\$2.0113	
Transport Fee	\$/Mcf	\$1.0775	\$1.0746	\$1.0733	
Total Unit Cost of Gas	\$/Mcf	\$3.7660	\$3.6108	\$3.0846	
- EGC in Effect for Month	\$/Mcf	\$3.7413	\$3.7413	\$3.7413	Approved in 2019-00465
= Difference	\$/Mcf	\$0.0247	(\$0.1305)	(\$0.6567)	
x Actual Sales during Month	Mcf	4,153.2	3,390.1	3,001.3	
= Monthly Cost Difference	\$	\$103	(\$442)	(\$1,971)	
Total Cost Difference			\$	(\$2,310.78)	
/ Sales for 12 months ended			Mcf	27,900.00	
= Actual Adjustment for the Reporting Period				(\$0.0828)	

* May not be less than 95% of supply volume

Transport fee calculaton	11742	7587	6094	Dth	From Greystone invoices
	10897	7060	5678	Mcf	

SCHEDULE V
BALANCE ADJUSTMENT

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For the 3 month period ended 4/30/2020

Line	Particulars	Unit	Amount
	Utility Gas Management		
(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.	\$	0.00
2	Less: Dollars amount resulting from the AA of <u>\$ -</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>27,900.00</u> MCF during the 12 month period the AA was in effect.	\$	0.00
4	Equals: Balance Adjustment for the AA.	\$	<u>-</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.	\$	<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>27,900.00</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.	\$	<u>-</u>
10	Less: Dollar amount resulting from the BA of <u>\$ -</u> /MCF four quarters prior to the effective date of the currently effective GCR times the sales of		
11	<u>27,900.00</u> MCF during the 12 month period the BA was in effect.	\$	<u>-</u>
12	Equals: Balance Adjustment for the BA.	\$	<u>-</u>
13	Total Balance Adjustment Amount (1) + (2) + (3)	\$	0.00
14	Divided B Sales for 12 months ended	\$	27,900.00
15	Equals: Balance Adjustment for the Reporting Period.	\$/MCF	0.0000

Month	Greystone	NYMEX	Difference	MMBTU/Mcf	
Nov 19	2.895	2.597	(0.298)	1.0677	(0.3182)
Dec 19	2.860	2.470	(0.390)	1.0704	(0.4175)
Jan 20	2.780	2.158	(0.622)	1.0759	(0.6692)
Feb 20	2.495	1.877	(0.618)	1.0775	(0.6659)
Mar 20	2.360	1.821	(0.539)	1.0746	(0.5792)
Apr 20	1.874	1.634	(0.240)	1.0733	(0.2576)
6 Month Avg			0.451		0.4846
			\$/Dth		\$/Mcf

Greystone invoice

	MCF	MMBTU	Heat Rate
May 19	2065	2212	1.0712
Jun	1076	1157	1.0753
Jul	1100	1179	1.0718
Aug	1055	1126	1.0673
Sep	1134	1217	1.0732
Oct	4155	4461	1.0736
Nov	9202	9825	1.0677
Dec	10178	10895	1.0704
Jan	14589	15697	1.0759
Feb	10897	11742	1.0775
Mar	7060	7587	1.0746
Apr 20	5678	6094	1.0733
			1.0727

Month	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	\$3.084	\$3.354	\$4.407	\$3.189	\$2.327	\$3.930	\$2.738	\$3.642	\$2.158
Feb	\$2.678	\$3.226	\$5.557	\$2.866	\$2.189	\$3.391	\$3.631	\$2.950	\$1.877
Mar	\$2.446	\$3.427	\$4.855	\$2.894	\$1.711	\$2.627	\$2.639	\$2.855	\$1.821
Apr	\$2.191	\$3.976	\$4.584	\$2.590	\$1.903	\$3.175	\$2.691	\$2.713	\$1.634
May	\$2.036	\$4.152	\$4.795	\$2.517	\$1.995	\$3.142	\$2.821	\$2.566	\$1.794
Jun	\$2.429	\$4.148	\$4.619	\$2.815	\$1.963	\$3.236	\$2.875	\$2.633	-
Jul	\$2.774	\$3.707	\$4.400	\$2.773	\$2.917	\$3.067	\$2.996	\$2.291	-
Aug	\$3.010	\$3.459	\$3.808	\$2.886	\$2.672	\$2.969	\$2.822	\$2.141	-
Sep	\$2.634	\$3.567	\$3.957	\$2.638	\$2.853	\$2.961	\$2.895	\$2.251	-
Oct	\$3.023	\$3.498	\$3.984	\$2.563	\$2.952	\$2.974	\$3.021	\$2.428	-
Nov	\$3.471	\$3.497	\$3.728	\$2.033	\$2.764	\$2.752	\$3.185	\$2.597	-
Dec	\$3.696	\$3.818	\$4.282	\$2.206	\$3.232	\$3.074	\$4.715	\$2.470	-
AVG	\$2.789	\$3.652	\$4.415	\$2.664	\$2.457	\$3.108	\$3.086	\$2.628	\$1.857

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6/24/20

MONTH	OPTIONS	CHARTS	LAST	CHANGE	PRIOR SETTLE	OPEN	HIGH	LOW	VOLUME	UPDATED
JUL 2020	OPT		1.642	+0.005	1.637	1.627	1.656	1.608	6,452	07:45:27 CT 24 Jun 2020
AUG 2020	OPT		1.703	+0.012	1.691	1.688	1.715	1.664	18,717	07:45:32 CT 24 Jun 2020
SEP 2020	OPT		1.756	+0.016	1.740	1.738	1.764	1.717	4,064	07:45:32 CT 24 Jun 2020
OCT 2020	OPT		1.853	+0.014	1.839	1.837	1.858	1.816	3,269	07:45:34 CT 24 Jun 2020
NOV 2020	OPT		2.231	-0.003	2.234	2.229	2.238	2.214	1,871	07:45:32 CT 24 Jun 2020
DEC 2020	OPT		2.715	-0.010	2.725	2.717	2.722	2.711	1,817	07:45:34 CT 24 Jun 2020
JAN 2021	OPT		2.850	-0.012	2.862	2.853	2.862	2.846	1,548	07:45:32 CT 24 Jun 2020
FEB 2021	OPT		2.821	-0.010	2.831	2.825	2.828	2.817	378	07:44:40 CT 24 Jun 2020
MAR 2021	OPT		2.720	-0.009	2.729	2.724	2.727	2.717	485	07:43:07 CT 24 Jun 2020
APR 2021	OPT		2.457	-0.007	2.464	2.459	2.462	2.451	654	07:45:12 CT 24 Jun 2020
MAY 2021	OPT		2.430	-0.006	2.436	2.432	2.439	2.426	370	07:45:12 CT 24 Jun 2020
JUN 2021	OPT		2.469	-0.006	2.475	2.471	2.473	2.466	385	07:45:19 CT 24 Jun 2020
JUL 2021	OPT		2.515	-0.004	2.519	2.519	2.519	2.513	251	07:42:09 CT 24 Jun 2020
AUG 2021	OPT		2.525	-0.005	2.530	2.530	2.530	2.525	59	07:41:08 CT 24 Jun 2020

1.7557

Legend: OPT Options Price Chart

[About This Report](#)

803/19

Greystone, LLC
600 The Grange Lane
Lexington, KY 40511
Tel (859) 321-1500

INVOICE 030920.16 3.9.2020

BILL TO

Sentra Gas
P.O. Box 819
Tompkinsville, KY 42167
Attn: Mackenzie Comer

Bank Wire Instructions for Payment:
Fifth Third Bank, Lexington, KY
ABA #
Acct #
Acct Name: Greystone, LLC

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
11,742 Dth	February, 2020 Gas Supply and Balancing (Clay Gas - TETCO #	\$2.4950	\$29,296.29

\$2.6885/Mcf

Texas Eastern Transmission, LP
Gas Month Volume Report



Period: February, 2020

Station	Station Name	Vol @ 14.730 PSI (MCF)	Energy (MMBTU(IT))
	Clay Gas Util. - Monroe Co, KY	10,897	11,742
Total		10,897	11,742

10,897

Greystone, LLC
 600 The Grange Lane
 Lexington, KY 40511
 Tel (859) 321-1500

INVOICE 041320.15

4.13.2020

BILL TO

Sentra Gas
 P.O. Box 819
 Tompkinsville, KY 42167
 Attn: Mackenzie Comer

Bank Wire Instructions for Payment:

Fifth Third Bank, Lexington, KY

ABA

Acct

Acct Name: Greystone, LLC

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
7,587 Dth	March, 2020 Gas Supply and Balancing (Clay Gas - TETCO #	\$2.360	\$17,905.32

\$2.5362/Mcf

Texas Eastern Transmission, LP
 Gas Month Volume Report



Period: March, 2020

Station	Station Name	Vol @ 14.730 PSI (MCF)	Energy (MMBTU(IT))
	Clay Gas Util. - Monroe Co, KY	7,060	7,587
Total	Gas Month Volume	7,060	7,587

1.0746

Greystone, LLC
 600 The Grange Lane
 Lexington, KY 40511
 Tel (859) 321-1500

INVOICE 051320.17 5.13.2020

BILL TO

Sentra Gas
 P.O. Box 819
 Tompkinsville, KY 42167
 Attn: Mackenzie Comer

Bank Wire Instructions for Payment:
 Fifth Third Bank, Lexington, KY
 ABA #:
 Acct #:
 Acct Name: Greystone, LLC

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
6,094 Dth	April, 2020 Gas Supply and Balancing (Clay Gas - TETCO #	\$1.874	\$11,420.16

2,0113/mcf

Texas Eastern Transmission, LP
 Gas Month Volume Report



Period: April, 2020

Station	Station Name	Vol @ 14.730 PSI (MCF)	Energy (MMBTU(IT))
	Clay Gas Util. - Monroe Co, KY	5,678	6,094
Total		5,678	6,094

1.0733

Usage Report

From: 02/01/2020 Through: 02/29/2020

Sorted By: Account Number

Service	Measure	Act Usage	Bill Usage	Adj Usage	Adj Amt	Charges
Grand Totals						
GAS	Cubic	0.	0.	0.	0.00	115.00
GAS	Gallons	0.	0.	0.	0.00	935.00
BASE RATE	Cubic	4153.2	4153.2	0.	0.00	18064.74
GAS RECOVER	Cubic	4153.2	4153.2	0.	0.00	13585.31
Number of Accounts		209				
Number of Locations		210				
Account/Location Combinations		210				

Usage Report

From: 03/01/2020 Through: 03/31/2020

Sorted By: Account Number

Service	Measure	Act Usage	Bill Usage	Adj Usage	Adj Amt	Charges
Grand Totals						
GAS	Cubic	0.	0.	0.	0.00	115.00
GAS	Gallons	0.	0.	0.	0.00	930.00
BASE RATE	Cubic	3390.1	3390.1	0.	0.00	14756.40
GAS RECOVER	Cubic	3390.1	3390.1	0.	0.00	11107.23
Number of Accounts		208				
Number of Locations		209				
Account/Location Combinations		209				

Usage Report

From: 04/01/2020 Through: 04/30/2020

Sorted By: Account Number

	Service	Measure	Act Usage	Bill Usage	Adj Usage	Adj Amt	Charges
Grand Totals							
	GAS	Cubic	0.	0.	0.	0.00	115.00
	GAS	Gallons	0.	0.	0.	0.00	925.00
	BASE RATE	Cubic	3001.3	3001.3	0.	0.00	13078.74
	GAS RECOVE	Cubic	3001.3	3001.3	0.	0.00	9861.22
	Number of Accounts		207				
	Number of Locations		208				
	Account/Location Combinations		208				

Clay Gas Utility District

Usage Report

From: 02/01/2020 Through: 02/29/2020

Sorted By: Account Number

	Service	Measure	Act Usage	Bill Usage	Adj Usage	Adj Amt	Charges
Grand Totals							0
	MONTHLY C	Gallons	0.	0.	0.	0.00	2958.00
	GAS COST	Cubic	5140.8	5140.8	0.	0.00	26218.08
	SYSTEM CO	Cubic	5140.8	5140.8	0.	0.00	16720.50
Number of Accounts			287				
Number of Locations			289				
Account/Location Combinations			289				

Location No	Acct No.	Name	Service Address			Route					Prior Date	Prior Read	Current Date	Current Read
Meter No.	Change Out	Size	Service	Tran Date	Measure	Act Usage	Bill Usage	Adj Usage	Adj Amt	Charges				
856992900X		NO SIZE	MONTHLY C	03/31/2020	Gallons	0.	0.	0.	0.00	6.00	02/29/2020	0	03/31/2020	0
		1" METER	GAS COST	03/31/2020	Cubic	4.8	4.8	0.	0.00	24.48	02/29/2020	155.50000	03/31/2020	160.30000
		1" METER	SYSTEM CO	03/31/2020	Cubic	4.8	4.8	0.	0.00	19.20	02/29/2020	0	03/31/2020	0

515BOYD ST	R00583		HALEY BARNES			515 BOYD ST			01		0			
		NO SIZE	MONTHLY C	03/31/2020	Gallons	0.	0.	0.	0.00	6.00	02/29/2020	0	03/31/2020	0
87M856985Y		1" METER	GAS COST	03/31/2020	Cubic	6.6	6.6	0.	0.00	33.66	02/29/2020	146	03/31/2020	152.60000
		1" METER	SYSTEM CO	03/31/2020	Cubic	6.6	6.6	0.	0.00	26.40	02/29/2020	0	03/31/2020	0

Grand Totals			MONTHLY C		Gallons	0.	0.	0.	0.00	2938.00				0
			GAS COST		Cubic	4419.3	4419.3	0.	0.00	22538.43				
			SYSTEM CO		Cubic	4419.3	4419.3	0.	0.00	14224.10				
					Number of Accounts	286								
					Number of Locations	288								
					Account/Location Combinations	288								

*March
Clay Gas*

Location No	Acct No.	Name	Service Address			Route			Prior Date	Prior Read	Current Date	Current Read		
Meter No.	Change Out	Size	Service	Tran Date	Measure	Act Usage	Bill Usage	Adj Usage	Adj Amt	Charges	Prior Date	Prior Read	Current Date	Current Read
802BREYER ST	R00581		KATIE KERR			802 BREYER ST			01	0				
		NO SIZE	MONTHLY C	04/30/2020	Gallons	0.	0.	0.	0.00	6.00	03/31/2020	0	04/30/2020	0
85L992001		1" METER	GAS COST	04/30/2020	Cubic	2.5	2.5	0.	0.00	12.75	03/31/2020	658.70000	04/30/2020	661.20000
		1" METER	SYSTEM CO	04/30/2020	Cubic	2.5	2.5	0.	0.00	10.00	03/31/2020	0	04/30/2020	0
1395MITCHELL	R00582		DOROTHY A WEBB			1395 MITCHELL ST			01	0				
		NO SIZE	MONTHLY C	04/30/2020	Gallons	0.	0.	0.	0.00	6.00	03/31/2020	0	04/30/2020	0
856992900X		1" METER	GAS COST	04/30/2020	Cubic	1.6	1.6	0.	0.00	8.16	03/31/2020	160.30000	04/30/2020	161.90000
		1" METER	SYSTEM CO	04/30/2020	Cubic	1.6	1.6	0.	0.00	6.40	03/31/2020	0	04/30/2020	0
515BOYD ST	R00583		HALEY BARNES			515 BOYD ST			01	0				
		NO SIZE	MONTHLY C	04/30/2020	Gallons	0.	0.	0.	0.00	6.00	03/31/2020	0	04/30/2020	0
87M856985Y		1" METER	GAS COST	04/30/2020	Cubic	13.7	13.7	0.	0.00	69.87	03/31/2020	152.60000	04/30/2020	166.30000
		1" METER	SYSTEM CO	04/30/2020	Cubic	13.7	13.7	0.	0.00	54.80	03/31/2020	0	04/30/2020	0
Grand Totals										0				
			MONTHLY C		Gallons	0.	0.	0.	0.00	2944.00				
			GAS COST		Cubic	3129.1	3129.1	0.	0.00	15958.41				
			SYSTEM CO		Cubic	3129.1	3129.1	0.	0.00	10009.30				
			Number of Accounts			287								
			Number of Locations			289								
			Account/Location Combinations			289								

Clay Gas