

Sentra Corporation

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

Date Filed:

September 28, 2020

Date Rates to be Effective:

November 1, 2020

Reporting Period is Calendar Quarter Ended:

July 31, 2020

SCHEDULE I
GAS COST RECOVERY RATE SUMMARY

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	4.4329
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	(0.6283)
+ Balance Adjustment (BA)	\$/Mcf	<u>0.0482</u>
= Gas Cost Recovery Rate (GCR)	\$/Mcf	3.8528

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

A. EXPECTED GAS COST CALCULATION

	<u>Unit</u>	
Total Expected Gas Cost (Schedule II)	\$	124,633.20
+ Sales for the 12 months ended	Mcf	<u>28,115.50</u>
- Expected Gas Cost (EGC)	\$/Mcf	4.4329

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	<u>\$ -</u>
= Refund Adjustment (RA)	\$/Mcf	\$ -

C. ACTUAL ADJUSTMENT CALCULATION

	<u>Unit</u>	
Actual Adjustment for the Reporting Period (Schedule IV)	\$/Mcf	\$ (0.0266)
+ Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.0572) Approved 2020-00211
+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.4570) Approved 2020-00078
+ Third Previous Quarter Reported Actual Adjustment	\$/Mcf	<u>\$ (0.0875)</u> 2019-00465, 2020-00211
=Actual Adjustment (AA)	\$/Mcf	\$ (0.6283)

D. BALANCE ADJUSTMENT CALCULATION

	<u>Unit</u>	
Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf	\$ (0.0560)
+ Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ - Approved 2020-00211
+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0381 Approved 2020-00078
+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf	<u>\$ 0.0661</u> Approved 2019-00465
=Balance Adjustment (BA)	\$/Mcf	\$ 0.0482

**SCHEDULE II
EXPECTED GAS COST**

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Actual* Mcf Purchase for 12 months ended

7/31/2020

	(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)			
Aug	Greystone, LLC	3.0527	1.0726	339.50	3.2743	0.0860	1.0726	1,504.97
Sep	Greystone, LLC	3.0527	1.0726	349.50	3.2743	0.0860	1.0726	1,549.30
Oct	Greystone, LLC	3.0527	1.0726	1711.50	3.2743	0.0860	1.0726	7,586.91
Nov	Greystone, LLC	3.0527	1.0726	3475.90	3.2743	0.0860	1.0726	15,408.32
Dec	Greystone, LLC	3.0527	1.0726	3171.70	3.2743	0.0860	1.0726	14,059.83
Jan	Greystone, LLC	3.0527	1.0726	6755.50	3.2743	0.0860	1.0726	29,946.46
Feb	Greystone, LLC	3.0527	1.0726	4153.20	3.2743	0.0860	1.0726	18,410.72
Mar	Greystone, LLC	3.0527	1.0726	3390.10	3.2743	0.0860	1.0726	15,027.97
Apr	Greystone, LLC	3.0527	1.0726	3001.30	3.2743	0.0860	1.0726	13,304.46
May	Greystone, LLC	3.0527	1.0726	919.90	3.2743	0.0860	1.0726	4,077.82
Jun	Constellation	3.0527	1.0726	525.30	3.2743	0.0860	1.0726	2,328.60
Jul	Constellation	3.0527	1.0726	322.10	3.2743	0.0860	1.0726	1,427.84
	<u>Totals</u>			<u>28,115.50</u>				<u>124,633.20</u>

Line losses are Unknown for 12 months ended 7/31/2020 based on purchases of 28,115.50 Mcf and sales of 28,115.50

	Unit	Amount
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$ 124,633.20
Expected Mcf Purchases (4)	Mcf	<u>28,115.50</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 4.4329
Plus: Expected Losses of (not to exceed 5%) (D26/0.95) if line loss > 5%	Mcf	<u>28,115.50</u>
= Total Expected Gas Cost (J32*J33 if line loss)	\$	\$ 124,633.20

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

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

SCHEDULE IV
ACTUAL ADJUSTMENT

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For the 12 month period ended July 31, 2020

Particulars	Unit	Month 1	Month 2	Month 3	
		May-20	Jun-20	Jul-20	
Total Supply Volumes Purchased	Mcf	919.90	525.30	322.10	
Total Cost of Volumes Purchased	\$	1,904.28	1,017.09	544.41	
/ Total Sales *	Mcf	919.9	525.3	322.1	
= Unit Cost of Gas	\$/Mcf	\$2.0701	\$1.9362	\$1.6902	
Transport Fee	\$/Mcf	\$1.0693	\$1.0745	\$1.0731	
Total Unit Cost of Gas	\$/Mcf	\$3.1394	\$3.0107	\$2.7633	
- EGC in Effect for Month	\$/Mcf	\$3.4563	\$3.4563	\$3.4563	Approved in 2020-00078
= Difference	\$/Mcf	(\$0.3169)	(\$0.4456)	(\$0.6930)	
x Actual Sales during Month	Mcf	919.9	525.3	322.1	
= Monthly Cost Difference	\$	(\$292)	(\$234)	(\$223)	
Total Cost Difference			\$	(\$748.81)	
/ Sales for 12 months ended			Mcf	28,115.50	
= Actual Adjustment for the Reporting Period				(\$0.0266)	

* May not be less than 95% of supply volume

Transport fee calculaton	2392	1356	939	Dth	From supplier invoices
	2237	1262	875	Mcf	

SCHEDULE V
BALANCE ADJUSTMENT

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For the 3 month period ended 7/31/2020

Line	Particulars	Unit	Amount
	Utility Gas Management		
1	(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.		30813.1 = 8/1/18 to 7/31/19 sales AA = -0.5934 -0.5934 X 30813.1
		\$	(18,284.49)
2	Less: Dollars amount resulting from the AA of \$ (0.5934) /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		AA of -0.5934 on order 2019-00371 effective 8/1/19 to 7/31/2020
3	<u>28,115.50</u> MCF during the 12 month period the AA was in effect.	\$	(16,683.74)
4	Equals: Balance Adjustment for the AA.	\$	<u>(1,600.75)</u>
5	(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.		2019-00371 effective Nov 1, 2019 12 months prior to start of this order November 1, 2020
		\$	-
6	Less: Dollar amount resulting from the RA of - \$/MCF as used to compute the OCR in effect four quarters prior to the effective GCR times the sales of		
7	<u>28,115.50</u> MCF during the 12 month period the RA was in effect.	\$	-
8	Equals: Balance Adjustment for the RA.	\$	<u>-</u>
9	(3) Total Balance Adjustment used to compute RA of the GCR effective four quarters prior to the effective date of the currently effective GCR.		2019-00371 BA = 0.0093 30813.1 = 8/1/18 to 7/31/19 sales 0.0093 X 30813.1
		\$	286.56
10	Less: Dollar amount resulting from the BA of \$ 0.0093 /MCF four quarters prior to the effective date of the currently effective GCR times the sales of		
11	<u>28,115.50</u> MCF during the 12 month period the BA was in effect.	\$	261.47
12	Equals: Balance Adjustment for the BA.	\$	<u>25.09</u>
13	Total Balance Adjustment Amount (1) + (2) + (3)	\$	(1575.66)
14	Divided B Sales for 12 months ended	\$	<u>28,115.50</u>
15	Equals: Balance Adjustment for the Reporting Period.	\$/MCF	<u>(0.0560)</u>

MONTH	OPTIONS	CHARTS	LAST	CHANGE	PRIOR SETTLE	OPEN	HIGH	LOW	VOLUME	UPDATED
OCT 2020			2.290	-0.072	2.362	2.356	2.389	2.276	57,151	10:05:29 CT 16 Sep 2020
NOV 2020			2.689	-0.052	2.741	2.732	2.775	2.675	35,185	10:05:26 CT 16 Sep 2020
DEC 2020			3.136	-0.022	3.158	3.151	3.185	3.121	13,747	10:05:23 CT 16 Sep 2020
JAN 2021			3.262	-0.020	3.282	3.277	3.310	3.250	9,178	10:05:23 CT 16 Sep 2020
FEB 2021			3.224	-0.022	3.246	3.243	3.271	3.211	2,988	10:05:12 CT 16 Sep 2020
MAR 2021			3.110	-0.023	3.133	3.125	3.152	3.099	5,962	10:05:25 CT 16 Sep 2020

Legend: Options Price Chart 3.0527 [About This Report](#)

Month	Supplier	NYMEX	Difference	MMBTU/Mcf	
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)
May 20	1.936	1.794	(0.142)	1.0693	(0.1518)
Jun 20	1.802	1.722	(0.080)	1.0745	(0.0860)
Jul 20	1.575	1.495	(0.080)	1.0731	(0.0858)

6 Month Avg	0.283	0.3044
	\$/Dth	\$/Mcf

We began purchasing gas from a different supplier in June. They have quoted \$0.08/dth over the NYMEX price. We choose to use \$0.0860 as the adder instead of the \$0.3044 six month average.

Supplier Invoice

	MCF	MMBTU	Heat Rate
Aug 19	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	5678	6094	1.0733
May	2237	2392	1.0693
Jun	1262	1356	1.0745
Jul 20	875	939	1.0731
			1.0726

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	\$1.722
Jul	\$2.774	\$3.707	\$4.400	\$2.773	\$2.917	\$3.067	\$2.996	\$2.291	\$1.495
Aug	\$3.010	\$3.459	\$3.808	\$2.886	\$2.672	\$2.969	\$2.822	\$2.141	\$1.854
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	\$1.794

$$\frac{\$}{\text{Bbl}} \cdot \frac{1000}{\text{mcf}}$$

Usage Report

From: 05/01/2020 Through: 05/31/2020

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	920.00
	BASE RATE	Cubic	919.9	919.9	0.	0.00	4001.59
	GAS RECOVER	Cubic	919.9	919.9	0.	0.00	2215.72
	Number of Accounts		207				
	Number of Locations		208				
	Account/Location Combinations		208				

Usage Report

From: 06/01/2020 Through: 06/30/2020

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	910.00
	BASE RATE	Cubic	525.3	525.3	0.	0.00	2295.23
	GAS RECOVER	Cubic	525.3	525.3	0.	0.00	1241.42
	Number of Accounts		204				
	Number of Locations		205				
	Account/Location Combinations		205				

Usage Report

From: 07/31/2020 Through: 07/31/2020

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	895.00
	BASE RATE	Cubic	322.1	322.1	0.	0.00	1454.56
	GAS RECOVE	Cubic	322.1	322.1	0.	0.00	805.77
	Number of Accounts		201				
	Number of Locations		202				
	Account/Location Combinations		202				

Clay Gas Utility District

Usage Report

From: 05/01/2020 Through: 05/31/2020

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	2956.00
	GAS COST	Cubic	1322.6	1322.6	0.	0.00	6745.26
	SYSTEM CO	Cubic	1322.6	1322.6	0.	0.00	4266.60
	Number of Accounts		289				
	Number of Locations		291				
	Account/Location Combinations		291				

Clay Gas Utility District

Usage Report

From: 06/01/2020 Through: 06/30/2020

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	2970.00
	GAS COST	Cubic	904.4	904.4	0.	0.00	4612.44
	SYSTEM CO	Cubic	904.4	904.4	0.	0.00	2792.00
	Number of Accounts		289				
	Number of Locations		291				
	Account/Location Combinations		291				

Clay Gas Utility District

Usage Report

From: 07/01/2020 Through: 07/31/2020

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	667.8	667.8	0.	0.00	3405.78
	SYSTEM CO	Cubic	667.8	667.8	0.	0.00	2074.20
Number of Accounts			287				
Number of Locations			289				
Account/Location Combinations			289				

8/6/12 6/29 chkt 1463

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

INVOICE 061220.17 6.12.2020

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
2,392 Dth	May, 2020 Gas Supply and Balancing (Clay Gas - TETCO # .)	\$1.936	\$4,630.91

\$2.0701/Mcf
1.0693

TOTAL \$4,630.91
TOTAL DUE BY 6.30.2020



Constellation

An Exelon Company

Invoice Date: **07/08/20**

Invoice Number: **2937620**

Account ID:

Due Date: **07/27/20**

For Customer Care:

Email GasCustomerCare@constellation.com

Phone (844) 200-3427

Website www.constellation.com

Total Amount Due \$2,667.83

Message Center

Thank you for being a Constellation customer!

SUMMARY CHARGES

■ Gas Supply Charges	\$2,443.51
■ Other Gas Related Charges	\$0.00
■ Taxes	\$224.32
■ Account Adjustments	\$0.00
Total New Charges	\$2,667.83

SITE DETAILS

Sentra

112 Orchard Ln, Tompkinsville, KY 42167-7400

LDC Account: 00001

Customer ID: I

Service for June 2020

Gas Supply Charges

Managed Portfolio Service

Quantity	Rate	Amount
1,356.00 MMBTu	\$1.80200	\$2,443.51
1,356.00 MMBTu		\$2,443.51

Subtotal Gas Supply Charges

Taxes

LOCAL GROSS RECEIPTS TAX

\$2,443.51 \$0.03000 \$73.31

STATE SALES TAX

\$2,516.82 \$0.06000 \$151.01

Subtotal Taxes

\$224.32

Total Current Site Charges

\$2,667.83

\$1.9362/Mcf

Other Ways to Pay Your Bill



Energy Manager

Manage your account at:
<https://energymanager.constellation.com>



Phone

Call 844.309.7092 for our 24/7
phone payment option



ACH/Wire

Constellation NewEnergy-Gas Division, LLC
Bank Name: Wells Fargo
ACH ABA #121000248 / Acct #4883615726
Wire ABA #121000248 / Acct #4883615726

For Customer Care:
Email: GasCustomerCare@constellation.com
Phone: (844) 200-3427
Website: www.constellation.com

Total Amount Due \$1,763.18

Message Center

Thank you for being a Constellation customer!

SUMMARY CHARGES	
■ Gas Supply Charges	\$1,494.04
■ Other Gas Related Charges	\$0.00
■ Taxes	\$44.82
■ Account Adjustments	\$0.00
Total New Charges	\$1,538.86

1.0731
875 mcf
\$1.6902/mcf

\$1478.92

SITE DETAILS

Sentra
112 Orchard Ln, Tompkinsville, KY 42167-7400
LDC Account: 00001
Customer ID:
Service for July 2020

	Quantity	Rate	Amount
Gas Supply Charges			
Managed Portfolio Service	1,128.00 MMBTu	<u>\$1.57500</u>	\$1,776.60
Buyback	-189.00 MMBTu	\$1.49500	-\$282.56
Subtotal Gas Supply Charges	939.00 MMBTu		\$1,494.04
Taxes			
LOCAL GROSS RECEIPTS TAX	\$1,494.04	\$0.03000	\$44.82
Subtotal Taxes			\$44.82
Total Current Site Charges			\$1,538.86

Other Ways to Pay Your Bill



Energy Manager

Manage your account at:
<https://energymanager.constellation.com>



Phone

Call 844.309.7092 for our 24/7 phone payment option



ACH/Wire

Constellation NewEnergy-Gas Division, LLC
Bank Name: Wells Fargo
ACH ABA #121000248 / Acct #4883615726
Wire ABA #121000248 / Acct #4883615726
PAYMENTS@CONSTELLATION.COM

Texas Eastern Transmission, LP

Monthly Stations Energy Report

Station:

Period: 5/1/2020 To 7/31/2020

MMBTU(IT)	73161	Total
May 2020	2,392	2,392
Jun 2020	1,356	1,356
Jul 2020	939	939
Total	4,687	4,687

Texas Eastern Transmission, LP

Monthly Stations Volume Report

Station:

Period: 5/1/2020 To 7/31/2020

MCF	73161	Total
May 2020	2,237	2,237
Jun 2020	1,262	1,262
Jul 2020	875	875
Total	4,374	4,374