

STITES & HARBISON PLLC

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December 30, 2019

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Gwen R. Pinson
Executive Director
Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602-0615

RECEIVED

DEC 30 2019

**PUBLIC SERVICE
COMMISSION**

RE: Sentra Corporation – GCR Application

Dear Ms. Pinson:

Sentra Corporation (“Sentra”), through counsel, hereby submits an original and ten (10) copies of its Quarterly Report of Gas Cost Recovery Rate Calculation (“GCR”) and proposed rates to be effective February 1, 2020. Pursuant to the PSC’s Order in Case No. 2019-00371, attached are invoices received by Sentra Corporation and monthly usage reports (redacted).

Please contact me should you have any questions concerning this matter.

Sincerely,



Robert C. Moore

RCM/pjt
Attachments

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Appendix B PUBLIC SERVICE
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Sentra Corporation

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

Date Filed:

Date Rates to be Effective:

February 1, 2020

Reporting Period is Calendar Quarter Ended:

October 31, 2019

SCHEDULE I
GAS COST RECOVERY RATE SUMMARY

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	3.7413
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	(0.6277)
+ Balance Adjustment (BA)	\$/Mcf	<u>0.0072</u>
= Gas Cost Recovery Rate (GCR)	\$/Mcf	3.1208

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

A. EXPECTED GAS COST CALCULATION

	<u>Unit</u>	
Total Expected Gas Cost (Schedule II)	\$	117,778.74
+ Sales for the 12 months ended	Mcf	<u>31,480.70</u>
- Expected Gas Cost (EGC)	\$/Mcf	3.7413

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	\$ (0.1117)
+ Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ (0.5934) Approved 2019-00371
+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf	\$ - No Order
+ Third Previous Quarter Reported Actual Adjustment	\$/Mcf	<u>\$ 0.0774</u> Approved 2019-00098
=Actual Adjustment (AA)	\$/Mcf	\$ (0.6277)

D. BALANCE ADJUSTMENT CALCULATION

	<u>Unit</u>	
Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf	\$ (0.1382)
+ Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ 0.0093 Approved 2019-00371
+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf	\$ - No Order
+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf	<u>\$ 0.1361</u> Approved 2019-00098
=Balance Adjustment (BA)	\$/Mcf	\$ 0.0072

SCHEDULE II
EXPECTED GAS COST

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Actual* Mcf Purchase for 12 months ended

10/31/2019

	(1) Supplier	(2) NYMEX Dth	(3) Heat Rate	(4) Mcf	(5) ** Rate	(6) Greystone Adder	(7) Clay Gas Transport Fee	(8) (4)x[(5)+(6)+(7)] Cost
					= (2)x(3)			
Nov	Greystone, LLC	2.2400	1.0711	5,303.20	2.3993	0.3420	1.0000	19,840.86
Dec	Greystone, LLC	2.2400	1.0711	5,690.70	2.3993	0.3420	1.0000	21,290.62
Jan	Greystone, LLC	2.2400	1.0711	4,244.20	2.3993	0.3420	1.0000	15,878.83
Feb	Greystone, LLC	2.2400	1.0711	6,096.70	2.3993	0.3420	1.0000	22,809.58
Mar	Greystone, LLC	2.2400	1.0711	3,988.40	2.3993	0.3420	1.0000	14,921.80
Apr	Greystone, LLC	2.2400	1.0711	2,205.20	2.3993	0.3420	1.0000	8,250.31
May	Greystone, LLC	2.2400	1.0711	797.70	2.3993	0.3420	1.0000	2,984.44
Jun	Greystone, LLC	2.2400	1.0711	367.80	2.3993	0.3420	1.0000	1,376.05
Jul	Greystone, LLC	2.2400	1.0711	386.30	2.3993	0.3420	1.0000	1,445.26
Aug	Greystone, LLC	2.2400	1.0711	339.50	2.3993	0.3420	1.0000	1,270.17
Sep	Greystone, LLC	2.2400	1.0711	349.50	2.3993	0.3420	1.0000	1,307.58
Oct	Greystone, LLC	2.2400	1.0711	1,711.50	2.3993	0.3420	1.0000	6,403.23
	Totals	26.8800		31,480.70				117,778.74

Line losses are Unknown for 12 months ended 10/31/2019 based on purchases of
31,480.70 Mcf and sales of 31,480.70

	Unit	Amount
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$ 117,778.74
Expected Mcf Purchases (4)	Mcf	<u>31,480.70</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 3.7413
Plus: Expected Losses of (not to exceed 5%)	(D26/0.95) if line loss > 5% Mcf	<u>31,480.70</u>
= Total Expected Gas Cost	(J32*J33 if line loss) \$	\$ 117,778.74

*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 _____ 10/31/2019	Mcf	31,481
<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 October 31, 2019

Particulars	Unit	Month 1	Month 2	Month 3	
		Aug-19	Sep-19	Oct-19	
Total Supply Volumes Purchased	Mcf	339.50	349.50	1,711.50	Verify monthly purchases and sales, to be sure purchase invoices are matched up with corresponding sales month.
Total Cost of Volumes Purchased	\$	918.55	947.08	5,058.68	
/ Total Sales *	Mcf	339.5	349.5	1,711.5	
= Unit Cost of Gas	\$/Mcf	\$2.7056	\$2.7098	\$2.9557	
- EGC in Effect for Month	\$/Mcf	\$4.3498	\$4.3498	\$4.3498	Approved in 2019-00371
= Difference	\$/Mcf	(\$1.6442)	(\$1.6400)	(\$1.3941)	
x Actual Sales during Month	Mcf	339.5	349.5	1,711.5	
= Monthly Cost Difference	\$	(\$558)	(\$573)	(\$2,386)	
Total Cost Difference			\$	(\$3,517.38)	
/ Sales for 12 months ended			Mcf	31,480.70	
= Actual Adjustment for the Reporting Period				(\$0.1117)	

* May not be less than 95% of supply volume

SCHEDULE V
BALANCE ADJUSTMENT

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For the 3 month period ended 10/31/2019

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.	\$	<u>(3,517.38)</u>
1			
2 Less:	Dollars amount resulting from the AA of <u>\$ (0.1117)</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>31,480.70</u> MCF during the 12 month period the AA was in effect.	\$	<u>(3,516.39)</u>
4 Equals:	Balance Adjustment for the AA.	\$	<u>(0.99)</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>
5			
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>31,480.70</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>
9			
10 Less:	Dollar amount resulting from the BA of <u>\$ 0.1382</u> /MCF four quarters prior to the effective date of the currently effective GCR times the sales of		
11	<u>31,480.70</u> MCF during the 12 month period the BA was in effect.	\$	<u>4,350.63</u>
12 Equals:	Balance Adjustment for the BA.	\$	<u>(4,350.63)</u>
13	Total Balance Adjustment Amount (1) + (2) + (3)	\$	<u>(4351.62)</u>
14	Divided E Sales for 12 months ended	\$	<u>31,480.70</u>
15 Equals:	Balance Adjustment for the Reporting Period.	\$/MCF	<u>(0.1382)</u>