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October 1, 2019

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

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OCT 02 2019

**PUBLIC SERVICE
COMMISSION**

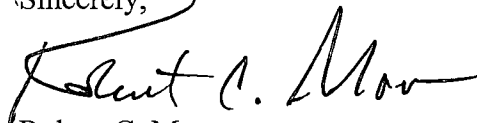
RE: Sentra Corporation, PSC Case No. 2019-00 371

Dear Ms. Pinson:

Sentra Corporation ("Sentra"), through counsel, submits herewith an original and six (6) copies of its Responses to the Commission's Requests for Information Pursuant to the Commission's Order dated July 31, 2019.

Also attached is Sentra's Quarterly Report of Gas Cost Recovery Rate Calculation ("GCR") for the calendar quarter ending July 31, 2019.

Sincerely,



Robert C. Moore

RCM/pjt

OCT 02 2019

PUBLIC SERVICE
COMMISSION

Appendix B

Page 1

Sentra Corporation

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

Date Filed:

Date Rates to be Effective:

November 1, 2019

Reporting Period is Calendar Quarter Ended:

July 31, 2019

**SCHEDULE I
GAS COST RECOVERY RATE SUMMARY**

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	4.0445
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	0.1671
+ Balance Adjustment (BA)	\$/Mcf	0.1289
<u>= Gas Cost Recovery Rate (GCR)</u>	\$/Mcf	<u>4.3405</u>

GCR to be effective for service rendered from: November 1, 2019

A. EXPECTED GAS COST CALCULATION

<u>Unit</u>	
Total Expected Gas Cost (Schedule II)	\$ 124,623.58
+ Sales for the 12 months ended	Mcf <u>30,813.10</u>
<u>- Expected Gas Cost (EGC)</u>	<u>\$/Mcf 4.0445</u>

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

C. ACTUAL ADJUSTMENT CALCULATION

<u>Unit</u>		
Actual Adjustment for the Reporting Period (Schedule IV)	\$/Mcf \$ (0.5934)	
+ Previous Quarter Reported Actual Adjustment	\$/Mcf \$ -	No Order
+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf \$ 0.0774	Approved 2019-00098
+ Third Previous Quarter Reported Actual Adjustment	\$/Mcf \$ 0.6831	Approved 2018-00432
<u>=Actual Adjustment (AA)</u>	<u>\$/Mcf \$ 0.1671</u>	

D. BALANCE ADJUSTMENT CALCULATION

<u>Unit</u>		
Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf \$ -	
+ Previous Quarter Reported Balance Adjustment	\$/Mcf \$ -	No Order
+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf \$ 0.1361	Approved 2019-00098
+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf \$ (0.0072)	Approved 2018-00432
<u>=Balance Adjustment (BA)</u>	<u>\$/Mcf \$ 0.1289</u>	

SCHEDULE II
EXPECTED GAS COST

Appendix B
Page 3

Actual* Mcf Purchase for 12 months ended

7/31/2019

	(1) Supplier	(2) NYMEX Dth	(3) Heat Rate	(4) Mcf	(5) ** Rate	(6) Greystone Adder	(7) Clay Gas Transport Fee
					=(2)x(3)		
Aug	Greystone, LLC	2.5570	1.0698	471.50	2.7355	0.3090	1.0000
Sep	Greystone, LLC	2.5570	1.0698	319.00	2.7355	0.3090	1.0000
Oct	Greystone, LLC	2.5570	1.0698	942.40	2.7355	0.3090	1.0000
Nov	Greystone, LLC	2.5570	1.0698	5,303.20	2.7355	0.3090	1.0000
Dec	Greystone, LLC	2.5570	1.0698	5,690.70	2.7355	0.3090	1.0000
Jan	Greystone, LLC	2.5570	1.0698	4,244.20	2.7355	0.3090	1.0000
Feb	Greystone, LLC	2.5570	1.0698	6,096.70	2.7355	0.3090	1.0000
Mar	Greystone, LLC	2.5570	1.0698	3,988.40	2.7355	0.3090	1.0000
Apr	Greystone, LLC	2.5570	1.0698	2,205.20	2.7355	0.3090	1.0000
May	Greystone, LLC	2.5570	1.0698	797.70	2.7355	0.3090	1.0000
Jun	Greystone, LLC	2.5570	1.0698	367.80	2.7355	0.3090	1.0000
Jul	Greystone, LLC	2.5570	1.0698	386.30	2.7355	0.3090	1.0000
	Totals	30.6840		30,813.10			

Line losses are 30,813.10 Mcf and sales of Unknown for 12 months ended 7/31/2019 based on purchases of 30,813.10

	Unit	Amount
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$ 124,623.58
Expected Mcf Purchases (4)	Mcf	<u>30,813.10</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 4.0445
Plus: Expected Losses of (not to exceed 5%)	Mcf	30,813.10
= Total Expected Gas Cost	\$	\$ 124,623.58

*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 _____ 7/31/2019	Mcf	30,813
<hr/>		
=Supplier Refund Adjustment for the Reporting Period (to Schedule IB.)	\$/Mcf	\$ -

SCHEDULE V
ACTUAL ADJUSTMENT

Appendix B
Page 5

For the 12 month period ended July 31, 2019

Particulars	Unit	The quarter that is normally collected			This is the quarter that was missed. This will need to be removed in the next application		
		Month 1 May-19	Month 2 Jun-19	Month 3 Jul-19	Month 4 Feb-19	Month 5 Mar-19	Month 6 Apr-19
Total Supply Volumes Purchased	Mcf	797.70	367.80	386.30	6,096.70	3,988.40	2,205.20
Total Cost of Volumes Purchased	\$	2,529.28	1,160.36	1,099.29	21,980.95	13,952.39	7,279.65
/ Total Sales *	Mcf	797.7	367.8	386.3	6,096.7	3,988.4	2,205.2
= Unit Cost of Gas	\$/Mcf	\$3.1707	\$3.1549	\$2.8457	\$3.6054	\$3.4982	\$3.3011
- EGC in Effect for Month	\$/Mcf	\$4.7888	\$4.7888	\$4.7888	\$4.7888	\$4.7888	\$4.7888
= Difference	\$/Mcf	(\$1.6181)	(\$1.6339)	(\$1.9431)	(\$1.1834)	(\$1.2906)	(\$1.4877)
x Actual Sales during Month	Mcf	797.7	367.8	386.3	6,096.7	3,988.4	2,205.2
= Monthly Cost Difference	\$	(\$1,291)	(\$601)	(\$751)	(\$7,215)	(\$5,147)	(\$3,281)

Verify monthly purchases and sales, to be sure purchase invoices are matched up with corresponding sales month.

< Approved in 2018-00432

Total Cost Difference	\$	(\$18,285.04)	Total Cost difference for all six months. Next application will be the total cost difference for 3 months
/ Sales for 12 months ended	Mcf	30,813.10	
= Actual Adjustment for the Reporting Period		(\$0.5934)	

* May not be less than 95% of supply volume

SCHEDULE V
BALANCE ADJUSTMENT

Appendix B
Page 6

For the 3 month period ended 7/31/2019

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.	\$	(\$18,285.04)
1			
2 Less:	Dollars amount resulting from the AA of <u> (0.5934)</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>30,813.10</u> MCF during the 12 month period the AA was in effect.	\$	<u>(18,284.49)</u>
4 Equals:	Balance Adjustment for the AA.	\$	<u>(0.55)</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>30,813.10</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> -</u> \$/MCF four quarters prior to the effective date of the currently effective GCR times the sales of		
11	<u>30,813.10</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)	\$	<u>(0.55)</u>
14	Divided E Sales for 12 months ended	\$	<u>30,813.10</u>
15 Equals:	Balance Adjustment for the Reporting Period.	\$/MCF	<u>0.0000</u>