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PUBLIC SERVICE
COMMISSION

August 18, 2016

Talina Mathews
Executive Director
Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

Case No. 2016-00319

Re: Sentra Corporation GCR

Dear Ms. Mathews:

Sentra Corporation is submitting an interim filing for rates to be effective September 1, 2016. If you have any questions, I can be reached at mwallen@mhp.energy or on my direct line at 859.263.6727.

Respectfully,



D. Michael Wallen
Senior Vice President of Operations

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Sentra Corporation

QUARTERLY REPORT OF GAS COST
RECOVERY RATE CALCULATION

Date Filed: 17-Aug-16

Date Rates to be Effective: August 30, 2016

Reporting Period is Calendar Quarter Ended: July 31, 2016

SCHEDULE I
GAS COST RECOVERY RATE SUMMARY

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	3.0822
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	#DIV/0!
+ Balance Adjustment (BA)	\$/Mcf	-
= Gas Cost Recovery Rate (GCR)	\$/Mcf	#DIV/0!
GCR to be effective for service rendered from: <u>**** 2016</u>		

A. <u>EXPECTED GAS COST CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
Total Expected Gas Cost (Schedule II)	\$	87,463.43
+ Sales for the 12 months ended 7/31/2016	Mcf	28,376.60
- Expected Gas Cost (EGC)	\$/Mcf	3.0822
B. <u>REFUND ADJUSTMENT CALCULATION</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. <u>ACTUAL ADJUSTMENT CALCULATION</u>		
Actual Adjustment for the Reporting Period (Schedule IV)	\$/Mcf	#DIV/0!
+ Previous Quarter Reported Actual Adjustment	\$/Mcf	
+ Second Previous Quarter Reported Actual Adjustment	\$/Mcf	
+ Third Previous Quarter Reported Actual Adjustment	\$/Mcf	
= Actual Adjustment (AA)	\$/Mcf	#DIV/0!
D. <u>BALANCE ADJUSTMENT CALCULATION</u>		
Balance Adjustment for the Reporting Period (Schedule V)	\$/Mcf	\$ -
+ Previous Quarter Reported Balance Adjustment	\$/Mcf	
+ Second Previous Quarter Reported Balance Adjustment	\$/Mcf	
+ Third Previous Quarter Reported Balance Adjustment	\$/Mcf	
= Balance Adjustment (BA)	\$/Mcf	\$ -

SCHEDULE II
EXPECTED GAS COST

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Actual* Mcf Purchase for 12 months ended

07/31/16

(1) <u>Supplier</u>	(2) <u>Dth</u>	(3) <u>Heat Rate</u>	(4) <u>Mcf</u>	(5) ** <u>Rate</u>	(6) <u>(2) x (5) Cost</u>
				USE ESTIMATE	
Greystone, LLC			669.40	2.6480	1,772.57
Greystone, LLC			568.60	2.6850	1,526.69
Greystone, LLC			1,175.50	2.8540	3,354.88
Greystone, LLC			4,352.70	3.1050	13,515.13
Greystone, LLC			1,782.00	3.2420	5,777.24
Greystone, LLC			7,136.30	3.2370	23,100.20
Greystone, LLC			5,943.70	3.1950	18,990.12
Greystone, LLC			3,204.80	2.9510	9,457.36
Greystone, LLC			1,992.90	2.9280	5,835.21
Greystone, LLC			729.70	2.9540	2,155.53
Greystone, LLC			543.60	2.9900	1,625.36
Greystone, LLC			118.10	2.9900	353.12
Totals	-		28,217.30		87,463.43

Line losses are 28,217.30 Mcf and sales of 28,376.60 Mcf. -0.56% for 12 months ended 7/31/2016 based on purchases of Mcf.

	<u>Unit</u>	<u>Amount</u>
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$ 87,463.43
/ Mcf Purchases (4)	Mcf	<u>28,217.30</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 3.0996
x Allowable Mcf Purchases (not to exceed 5%)	Mcf	<u>28,217.30</u>
= Total Expected Gas Cost	\$	\$ 87,463.43

*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 7/31/2016

<u>Particulars</u>	<u>Unit</u>	<u>Amount</u>
Total supplier refunds received	\$	\$ -
+ Interest	\$	\$ -
<hr/>		
= Refund Adjustment including interest	\$	\$ -
+ Sales for 12 months ended 7/31/2016	Mcf	28,377
<hr/>		
=Supplier Refund Adjustment for the Reporting Period (to Schedule IB.)	\$/Mcf	\$ -

SCHEDULE IV
ACTUAL ADJUSTMENT

For the 3 month period ended 7/31/2016

This schedule will not be used until new PGA has been used 6 months

<u>Particulars</u>	<u>Unit</u>	Month 1	Month 2	Month 3
Total Supply Volumes Purchased	Mcf	-	-	-
Total Cost of Volumes Purchased	\$			
/ Total Sales	Mcf	-	-	-
<hr/>				
(may not be less than 95% of supply volumes) (G8*0.95)				
= Unit Cost of Gas	\$/Mcf	#DIV/0!	#DIV/0!	#DIV/0!
- EGC in effect for month	\$/Mcf	\$ -	\$ -	\$ -
= Difference	\$/Mcf	#DIV/0!	#DIV/0!	#DIV/0!
[(Over-)/Under-Recovery]				
x Actual sales during month	Mcf	-	-	-
= Monthly cost difference	\$	#DIV/0!	#DIV/0!	#DIV/0!

	<u>Unit</u>	<u>Amount</u>
Total cost difference (Month 1 + Month 2 + Month 3)	\$	#DIV/0!
+ Sales for 12 months ended <u>7/31/2016</u>	Mcf	<u>28,377</u>
= Actual Adjustment for the Reporting Period (to Schedule IC.)	\$/Mcf	#DIV/0!

*Enter monthly Mcf purchases first
Enter monthly \$ purchases second*

Enter EGC that the Commission approved for months 1, 2, and 3

Enter monthly Mcf sales third

SCHEDULE V
BALANCE ADJUSTMENT

Appendix B
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For the 3 month period ended 7/31/2016

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.		
1		\$	-
2 Less:	Dollars amount resulting from the AA of - \$/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 28,377 MCF during the 12 month period the AA was in effect.		
3		\$	0.00
4 Equals:	Balance Adjustment for the AA.	\$	-
(3)	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.		
5		\$	-
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 28,377 MCF during the 12 month period the RA was in effect.		
7		\$	-
8 Equals:	Balance Adjustment for the RA.	\$	-
(3)	Total Balance Adjustment used to compute RA of the GCR effective four quarters prior to the effective date of the currently effective GCR.		
9		\$	-
10 Less:	Dollar amount resulting from the BA of - \$/MCF four quarters prior to the effective date of the currently effective GCR times the sales of 28,377 MCF during the 12 month period the BA was in effect.		
11		\$	-
12 Equals:	Balance Adjustment for the BA.	\$	-
13	Total Balance Adjustment Amount (1) + (2) + (3)	\$	0.00
14 Divided By:	Sales for 12 months ended 7/31/2016	\$	28,377
15 Equals:	Balance Adjustment for the Reporting Period (to Schedule ID).	\$/MCF	0.000000

Oil Futures Prices

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Commodity Futures Price Quotes For
Natural Gas (NYMEX)

Prices quoted for 1000 cubic feet of gas delivered at 10:00 a.m. Eastern Standard Time.
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Click to Chart	Open	High	Low	Last	Time	Set	Chg	Vol	Prior Day Set	Op Int	Opt's
Sep'16	-	2.648	2.585	2.612	17:07 Aug 16	-	-	119222	2.617	104867	Call Put
Oct'16	-	2.685	2.628	2.650	17:07 Aug 16	-	-	70367	2.657	224011	Call Put
Nov'16	-	2.854	2.800	2.821	17:07 Aug 16	-	-	33077	2.833	181743	Call Put
Dec'16	-	3.105	3.055	3.071	17:07 Aug 16	-	-	18647	3.092	72113	Call Put
Jan'17	-	3.242	3.193	3.207	17:07 Aug 16	3.220	-	22101	3.229	137427	Call Put
Feb'17	-	3.237	3.190	3.209	17:07 Aug 16	3.217	-	5338	3.226	34967	Call Put
Mar'17	-	3.195	3.154	3.167	17:07 Aug 16	-	-	10671	3.187	81810	Call Put
Apr'17	-	2.951	2.923	2.925	17:07 Aug 16	-	-	8280	2.947	62819	Call Put
May'17	-	2.928	2.901	2.909	17:07 Aug 16	2.912	-	3037	2.924	22938	Call Put
Jun'17	-	2.954	2.934	2.936	17:07 Aug 16	2.944	-	2575	2.956	22440	Call Put
Jul'17	-	2.990	2.965	2.973	17:07 Aug 16	2.976	-	2615	2.987	15296	Call Put
Aug'17	-	2.990	2.975	2.984	17:07 Aug 16	2.985	-	1906	2.996	13878	Call Put
Sep'17	-	2.977	2.959	2.968	17:07 Aug 16	2.969	-	1956	2.980	15550	Call Put
Oct'17	-	2.998	2.981	2.990	17:07 Aug 16	2.992	-	2947	3.002	25566	Call Put
Nov'17	-	3.083	3.040	3.046	17:07 Aug 16	3.050	-	1172	3.059	11851	Call Put
Dec'17	-	3.210	3.183	3.194	17:07 Aug 16	3.195	-	825	3.201	15978	Call Put
Jan'18	-	3.300	3.289	3.294	17:07 Aug 16	3.298	-	689	3.302	13571	Call Put
Feb'18	-	3.269	3.258	3.269	17:07 Aug 16	3.267	-	447	3.270	3487	Call Put
Mar'18	-	-	-	3.172	17:07 Aug 16	-	-	301	3.188	8291	Call Put
Apr'18	-	2.823	2.815	2.820	17:07 Aug 16	2.824	-	145	2.819	9436	Call Put
May'18	-	-	-	2.775	17:07 Aug 16	-	-	28	2.783	1558	Call Put
Jun'18	-	-	-	2.796	17:07 Aug 16	-	-	2	2.810	1706	Call Put
Jul'18	-	-	-	2.830	17:07 Aug 16	-	-	1	2.838	1475	Call Put
Aug'18	-	-	-	2.835	17:07 Aug 16	-	-	-	2.847	1460	Call Put
Sep'18	-	-	-	2.825	17:07 Aug 16	-	-	-	2.829	849	Call Put
Oct'18	-	-	-	2.861	17:07 Aug 16	-	-	21	2.855	1987	Call Put
Nov'18	-	-	-	2.924	17:07 Aug 16	-	-	20	2.918	1544	Call Put
Dec'18	-	3.065	3.060	3.065	17:07 Aug 16	3.080	-	100	3.067	2272	Call Put
Jan'19	-	-	-	3.189	17:07 Aug 16	-	-	-	3.183	792	Call Put
Feb'19	-	-	-	3.157	17:07 Aug 16	-	-	-	3.151	473	Call Put
Mar'19	-	-	-	3.078	17:07 Aug 16	-	-	-	3.090	355	Call Put
Apr'19	-	-	-	2.830	17:07 Aug 16	-	-	-	2.822	417	Call Put
May'19	-	-	-	2.790	17:07 Aug 16	-	-	-	2.812	296	Call Put
Oct'19	-	-	-	2.906	17:07 Aug 16	-	-	-	2.898	266	Call Put
Nov'19	-	-	-	2.976	17:07 Aug 16	-	-	-	2.968	265	Call Put
Dec'19	-	-	-	3.118	17:07 Aug 16	-	-	-	3.116	268	Call Put
Feb'20	-	-	-	3.250	17:07 Aug 16	-	-	-	3.207	181	Call Put
Mar'20	-	-	-	3.151	17:07 Aug 16	-	-	-	3.147	122	Call Put
Apr'20	2.876	2.876	2.876	2.876	17:07 Aug 16	2.894	-	1	2.882	199	Call Put
Jul'20	2.944	2.944	2.944	2.944	17:07 Aug 16	2.956	-	1	2.944	158	Call Put
Dec'20	-	-	-	3.251	17:07 Aug 16	-	-	-	3.223	474	Call Put
Dec'21	-	3.380	3.380	3.380	17:32 Aug 17	3.392	-	0	-	54	Call Put

Times indicate exchange local time.
 *An asterisk beside the last price indicates that the price is from a previous session.

Related News: [\[Complete futures news\]](#) Search News:

<u>Month</u>	<u>Greystone</u>	<u>NYMEX</u>	<u>Difference</u>
Feb-16	\$ 2.54	\$ 1.99	\$ 0.55
Mar-16	\$ 2.10	\$ 1.73	\$ 0.37
Apr-16	\$ 2.29	\$ 1.92	\$ 0.37
May-16	\$ 2.35	\$ 1.92	\$ 0.43
Jun-16	\$ 3.10	\$ 2.59	\$ 0.51
Jul-16	\$ 3.28	\$ 2.82	\$ 0.46

Average = \$ 0.45