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MAR 29 2017

PUBLIC SERVICE
COMMISSION

March 31, 2017

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

Re: Sentra Corporation

Dear Ms. Mathews:

Sentra Corporation is submitting a filing for rates to be effective May 1, 2017. If you have any questions please contact Jerrica Whitaker at 859-263-3948 or by email at jwhitaker@mhp.energy.

Respectfully,



D. Michael Wallen
Senior Vice President of Operations

Sentra Corporation

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

Date Filed: **31-Mar-17**

Date Rates to be Effective: **May 1, 2017**

Reporting Period is Calendar Quarter Ended: **January 1, 2017**

SCHEDULE I
GAS COST RECOVERY RATE SUMMARY

<u>Component</u>	<u>Unit</u>	<u>Amount</u>
Expected Gas Cost (EGC)	\$/Mcf	3.6586
+ Refund Adjustment (RA)	\$/Mcf	-
+ Actual Adjustment (AA)	\$/Mcf	#DIV/0!
+ Balance Adjustment (BA)	\$/Mcf	-
<u>= Gas Cost Recovery Rate (GCR)</u>	\$/Mcf	<u>#DIV/0!</u>

GCR to be effective for service rendered from:

**** 2017

<u>A. EXPECTED GAS COST CALCULATION</u>	<u>Unit</u>	<u>Amount</u>
Total Expected Gas Cost (Schedule II)	\$	97,793.88
+ Sales for the 12 months ended 10/31/2016	Mcf	<u>26,729.90</u>
- Expected Gas Cost (EGC)	\$/Mcf	3.6586
 <u>B. REFUND ADJUSTMENT CALCULATION</u>	 <u>Unit</u>	 <u>Amount</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	\$ -
 <u>C. ACTUAL ADJUSTMENT CALCULATION</u>	 <u>Unit</u>	 <u>Amount</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	
<u>=Actual Adjustment (AA)</u>	\$/Mcf	<u>#DIV/0!</u>
 <u>D. BALANCE ADJUSTMENT CALCULATION</u>	 <u>Unit</u>	 <u>Amount</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	
<u>=Balance Adjustment (BA)</u>	\$/Mcf	<u>\$ -</u>

SCHEDULE II
EXPECTED GAS COST

Actual* Mcf Purchase for 12 months ended

01/31/17

(1) Supplier	(2) NYMEX Dth	(3) Heat Rate	(4) Mcf	(5) ** Rate	(6) (2) x (5)+(6) Greystone Adder Cost	
Greystone, LLC	3.1630	1.0650	6,546.80	3.3686	0.2900	23,952.09
Greystone, LLC	3.1630	1.0650	3,559.40	3.3686	0.2900	13,022.40
Greystone, LLC	3.1630	1.0650	2,061.30	3.3686	0.2900	7,541.46
Greystone, LLC	3.1630	1.0650	1,400.70	3.3686	0.2900	5,124.59
Greystone, LLC	3.1630	1.0650	284.30	3.3686	0.2900	1,040.14
Greystone, LLC	3.1630	1.0650	344.60	3.3686	0.2900	1,260.75
Greystone, LLC	3.1630	1.0650	118.10	3.3686	0.2900	432.08
Greystone, LLC	3.1630	1.0650	543.60	3.3686	0.2900	1,988.81
Greystone, LLC	3.1630	1.0650	729.70	3.3686	0.2900	2,669.68
Greystone, LLC	3.1630	1.0650	1,992.90	3.3686	0.2900	7,291.21
Greystone, LLC	3.1630	1.0650	3,204.80	3.3686	0.2900	11,725.07
Greystone, LLC	3.1630	1.0650	5,943.70	3.3686	0.2900	21,745.59
Totals	37.9560		26,729.90			97,793.88

Line losses are 26,729.90 Mcf and sales of 0.00% for 12 months ended 1/31/2017 based on purchases of 26,729.90 Mcf.

	Unit	Amount
Total Expected Cost of Purchases (6) (to Schedule IA.)	\$	\$ 97,793.88
/ Mcf Purchases (4)	Mcf	<u>26,729.90</u>
= Average Expected Cost Per Mcf Purchased	\$/Mcf	\$ 3.6586
x Allowable Mcf Purchases (not to exceed 5%)	Mcf	<u>26,729.90</u>
= Total Expected Gas Cost	\$	\$ 97,793.88

*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

1/31/2017

<u>Particulars</u>	<u>Unit</u>	<u>Amount</u>
Total supplier refunds received	\$	\$ -
+ Interest	\$	\$ -
<hr/>		
= Refund Adjustment including interest	\$	\$ -
+ Sales for 12 months ended __ 1/31/2017	Mcf	26,730
<hr/>		
=Supplier Refund Adjustment for the Reporting Period (to Schedule IB.)	\$/Mcf	\$ -

SCHEDULE IV
ACTUAL ADJUSTMENT

For the 3 month period ended 1/31/2017

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>1/31/2017</u>	Mcf	<u>26,730</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 1/31/2017

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 _____ 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 _____ 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 _____ 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 1/31/2017	\$	26,730
15 Equals:	Balance Adjustment for the Reporting Period (to Schedule ID).	\$/MCF	0.000000

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- Heating Oil Fin (e) NYMEX
- Heating Oil miNY (e) NYMEX
- Natural Gas (p) NYMEX
- Natural Gas Fin (e) NYMEX
- Natural Gas miNY (e) NYMEX
- NYH RBOB Gas(p) NYMEX
- NYH RBOB GasFin (e) NYMEX
- NYH RBOB GasmiNY (e) NYMEX
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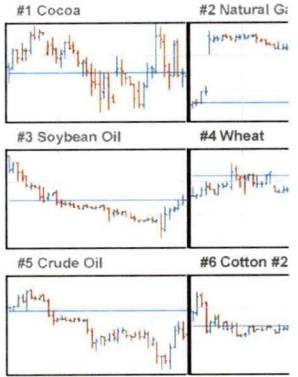
Click for Chart	Open	High	Low	Last	Time	Set	Chg	Vol	Prior Day Set	Op Int	Opt's
Apr'17	-	3.092	3.016	3.076	18:01 Mar 24	3.076	0.025	93443	3.051	42712	Call Put
May'17	-	3.162	3.095	3.153	18:01 Mar 24	3.153	0.022	86482	3.131	295033	Call Put
Jun'17	-	3.236	3.169	3.228	18:01 Mar 24	3.228	0.022	27941	3.206	127489	Call Put
Jul'17	-	3.303	3.235	3.297	18:01 Mar 24	3.297	0.025	26884	3.272	127343	Call Put
Aug'17	-	3.326	3.259	3.321	18:01 Mar 24	3.321	0.025	11971	3.296	56208	Call Put
Sep'17	-	3.313	3.243	3.307	18:01 Mar 24	3.307	0.026	10346	3.281	96998	Call Put
Oct'17	-	3.324	3.254	3.319	18:01 Mar 24	3.319	0.027	19993	3.292	116538	Call Put
Nov'17	-	3.367	3.301	3.363	18:01 Mar 24	3.363	0.026	5736	3.337	41440	Call Put
Dec'17	-	3.476	3.413	3.472	18:01 Mar 24	3.472	0.024	5100	3.448	53141	Call Put
Jan'18	-	3.555	3.495	3.549	18:01 Mar 24	3.549	0.022	5712	3.527	79472	Call Put
Feb'18	-	3.515	3.457	3.511	18:01 Mar 24	3.511	0.019	3055	3.492	29584	Call Put
Mar'18	-	3.429	3.373	3.424	18:01 Mar 24	3.424	0.019	3106	3.405	50295	Call Put
Apr'18	-	2.905	2.878	2.906	18:01 Mar 24	2.906	0.010	2229	2.896	77083	Call Put
May'18	-	2.850	2.836	2.850	18:01 Mar 24	2.850	0.008	1334	2.842	24777	Call Put
Jun'18	-	2.866	2.851	2.868	18:01 Mar 24	2.868	0.007	155	2.861	14612	Call Put
Jul'18	-	2.885	2.875	2.889	18:01 Mar 24	2.889	0.008	127	2.881	14918	Call Put
Aug'18	-	2.888	2.877	2.891	18:01 Mar 24	2.891	0.008	156	2.883	12108	Call Put
Sep'18	-	2.865	2.852	2.870	18:01 Mar 24	2.870	0.008	260	2.862	13475	Call Put
Oct'18	-	2.880	2.867	2.885	18:01 Mar 24	2.885	0.008	407	2.877	24435	Call Put
Nov'18	-	2.929	2.929	2.934	18:01 Mar 24	2.934	0.007	95	2.927	10975	Call Put
Dec'18	-	3.060	3.055	3.068	18:01 Mar 24	3.068	0.006	618	3.062	16105	Call Put
Jan'19	3.170	3.170	3.170	3.172	18:01 Mar 24	3.172	0.005	857	3.167	6559	Call Put
Feb'19	-	-	-	3.134	18:01 Mar 24	3.156	0.005	334	3.151	1667	Call Put
Mar'19	-	-	-	3.076	18:01 Mar 24	3.095	0.004	203	3.091	3728	Call Put
Apr'19	2.715	2.715	2.715	2.715	18:01 Mar 24	2.715	0.004	199	2.711	3367	Call Put
May'19	-	-	-	2.677	18:01 Mar 24	2.692	0.003	21	2.689	1295	Call Put
Jun'19	-	-	-	2.717	18:01 Mar 24	2.720	0.003	20	2.717	1333	Call Put
Jul'19	-	-	-	2.747	18:01 Mar 24	2.750	0.003	15	2.747	1217	Call Put
Aug'19	-	-	-	2.759	18:01 Mar 24	2.762	0.003	15	2.759	1186	Call Put
Sep'19	-	-	-	2.757	18:01 Mar 24	2.758	0.001	15	2.757	1181	Call Put
Oct'19	-	-	-	2.787	18:01 Mar 24	2.787	-	20	2.787	2409	Call Put
Nov'19	-	-	-	2.849	18:01 Mar 24	2.849	-	15	2.849	1316	Call Put
Dec'19	-	-	-	2.984	18:01 Mar 24	2.984	-	15	2.984	1372	Call Put
Jan'20	3.100	3.100	3.100	3.096	18:01 Mar 24	3.096	-0.001	3	3.097	618	Call Put
Feb'20	-	-	-	3.065	18:01 Mar 24	3.062	-0.003	-	3.065	275	Call Put
Mar'20	-	-	-	2.984	18:01 Mar 24	3.000	-0.003	-	3.003	350	Call Put
Apr'20	-	-	-	2.693	18:01 Mar 24	2.680	-0.013	-	2.693	401	Call Put
May'20	-	-	-	2.685	18:01 Mar 24	2.670	-0.015	-	2.685	191	Call Put
Jun'20	-	-	-	2.718	18:01 Mar 24	2.703	-0.015	-	2.718	192	Call Put
Jul'20	-	-	-	2.753	18:01 Mar 24	2.738	-0.015	-	2.753	203	Call Put
Aug'20	-	-	-	2.780	18:01 Mar 24	2.765	-0.015	-	2.780	172	Call Put
Sep'20	-	-	-	2.782	18:01 Mar 24	2.767	-0.015	-	2.782	167	Call Put
Oct'20	-	-	-	2.812	18:01 Mar 24	2.797	-0.015	-	2.812	197	Call Put

REFRESH DATA

Extreme Futures: Movers & Shakers

Movers Extreme

Dramatic price change



Lt Crude 47.76	Com 354 7/8	Nov'20	Gold 1253.3	-	Euro 109090	2.875	-	18:01 Mar 24	2.864	-	2.864	0.015	-	2.879	184	Call Put
Nat Gas 3.080	Cotton #2 77.92	Dec'20	Copper 2.6320	-	USD Index 99.897	3.062	-	18:01 Mar 24	3.062	-	3.062	-0.015	-	3.017	561	Call Put

Month	Greystone	NYMEX	Difference
16-Aug	\$ 2.87	\$ 2.67	\$ 0.20
16-Sep	\$ 3.16	\$ 2.85	\$ 0.30
16-Oct	\$ 3.29	\$ 2.95	\$ 0.34
16-Nov	\$ 3.19	\$ 2.76	\$ 0.42
16-Dec	\$ 3.52	\$ 3.23	\$ 0.29
17-Jan	\$ 4.10	\$ 3.93	\$ 0.17
Average =		\$ 0.29	