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Mr. Steve Kahl, Executive Secretary  
North Dakota Public Service Commission  
600 E. Boulevard Ave., Dept. 480  
Bismarck, ND 58505-0480

RE: Cost of Gas Changes  
Case No. PU-23-14

**PUBLIC DOCUMENT ENCLOSED: TRADE SECRET DATA REDACTED**

Dear Mr. Kahl:

Enclosed herewith, please find Dakota Natural Gas, LLC's (DNG's) Cost of Gas (COG) information for that will be used on and after January 1, 2023. The attached schedules include the gas cost supporting worksheets.

Please note that there are two versions of the document; namely, one that is redacted for public viewing and one that is non-public because it includes trade secret information. Ergo, DNG's Application for Trade Secret Protection seeking trade secret protection for all of its 2023 cost of gas filings is also enclosed, seeking protection for certain information contained therein. Trade secret versions will be provided to the Commission in sealed envelopes.

The COG by class for January 2023 is as follows:

<u>Customer Class</u>	<u>\$ / therm</u>
Residential	\$0.94097
Small Commercial	\$0.94097
Commercial	\$0.93897
General Interruptible	\$0.71723

DNG will pay the associated filing fee by credit card once it receives the invoice for the same, which can be emailed directly to me. Thank you for your assistance. Please do not hesitate to contact me should you have any questions or concerns or if you require additional information. My direct dial number is (507) 209-2110 and my email address is [kanderson@greatermngas.com](mailto:kanderson@greatermngas.com).

Sincerely,

DAKOTA NATURAL GAS, LLC

s/  
Kristine A. Anderson  
Corporate Attorney (Minnesota) & Regulatory Affairs

Enclosures

Dakota Natural Gas, LLC  
**RETAIL BILLING RATES - NORTH DAKOTA**  
 January 1, 2023

Schedule A  
 Page 1 of 2

Class	Component	Distribution Charge	Cost of Gas	Total Rate
Residential	Basic Service	\$ 16.00		\$ 16.00
	Commodity	\$ 0.37700	\$ 0.56397	\$ 0.94097
Small Commercial	Basic Service	\$ 16.00		\$ 16.00
	Commodity	\$ 0.37700	\$ 0.56397	\$ 0.94097
Commercial	Basic Service	\$ 100.00		\$ 100.00
	Commodity	\$ 0.37500	\$ 0.56397	\$ 0.93897
General Interruptible	Basic Service	\$ 100.00		\$ 100.00
	Commodity	\$ 0.25000	\$ 0.46723	\$ 0.71723

Units:  
 Customer Charge - \$ per month  
 Commodity Charge - \$ per therm

NATURAL GAS COST COMPONENT

		1	2	3
<b>Cost Summary</b>		Prior Cost	Current Adjustment	Current Cost
	Ref			
Annual Demand	(a)	0.06529	-	0.06529
<u>Commodity</u>				
Residential	(b) + (c)	0.50743	(0.00875)	0.49868
Small Commercial	(b) + (c)	0.50743	(0.00875)	0.49868
Commercial	(b) + (c)	0.50743	(0.00875)	0.49868
General Interruptible	(b) + (d)	0.47598	(0.00875)	0.46723

BILLING COST OF GAS BY CLASS (From Column 3)

<b>Class Summary</b>	Residential	Small Commercial	Commercial	General Interruptible
Annual Demand	0.06529	0.06529	0.06529	N/A
Commodity	0.51937	0.51937	0.51937	0.51937
SUBTOTAL	0.58466	0.58466	0.58466	0.51937
TRUE-UP	(0.02069)	(0.02069)	(0.02069)	(0.05214)
TOTAL COG	0.56397	0.56397	0.56397	0.46723

<b><u>Demand Cost (Residential and Commercial Firm)</u></b>	<b><u>12-Month Cost</u></b>
1. System Demand Detail Total	\$ 102,305.28
2. ND Annual / Seasonal Firm Therm Sales (Forecast)	1,566,900
3. Demand Unit Cost \$ / Therm	\$ 0.06529 (a)
<b><u>Commodity Cost</u></b>	
4. VGT Month / Best Effort (Forecast)	\$ 171,390.74
5. Budgeted Calendar Month Retail Therm Sales	330,000
6. Commodity Unit Cost \$ / Therm (4 / 5)	\$ 0.51937 (b)
<b><u>True-up</u></b>	
7. Residential / Commercial	\$ (0.02069) (c)
8. General Interruptible	\$ (0.05214) (d)
<b><u>Total Gas Cost per Therm</u></b>	
9. Residential / Commercial	\$ 0.56397 (a) + (b) + (c)
10. General Interruptible	\$ 0.46723 (b) + (d)

Purchased Gas Adjustment, January 2023  
Dakota Natural Gas, LLC  
Demand Charge Detail Supporting Worksheet

VGT Firm Transportation AF0358

<u>FT-A Annual Dollars</u>		<u>Volume (Dth)</u>	<u>Times Total Rate</u>	<u>Times Month/Year</u>	<u>Annual Total</u>
Contract	1	240	\$ 3.8060	12	\$ 10,961.28
Contract	2	1,000	\$ 3.8060	12	\$ 45,672.00
Contract	3	1,000	\$ 3.8060	12	\$ 45,672.00
		<u>2,240</u>			<u>\$ 102,305.28</u>

<u>Cost Components</u>	<u>Rate (\$ Dth)</u>	<u>Source</u>	<u>Term</u>
Base Tariff Rate: Cat:3 Zone 1-1	\$ 3.8060	See Note 1	> 5 Years
Filed Tariff Rate: Cat:3 Zone 1-1	\$ 3.8060	See Note 1	> 5 Years

**NOTES:**

(1) VGT Volume No. 1, Part 5.0 Statement of Rates, Effective November 1, 2022

**Dakota Natural Gas, LLC  
WACOG Worksheet  
January-23**

Schedule C

**[PROTECTED DATA BEGINS]**

Transport	Volume	Rate	Total
			\$

Supply	Volume	Price	Total
			\$

**Projected Total Cost**

**[PROTECTED DATA ENDS]**

**Viking Spot Purchase Calculation**

	Monthly Delivery	Monthly Receipt	
Estimated Usage	33,000	33,231	*
Baseload	24,628	24,800	*
Viking BP (ANR Storage)	6,000	6,000	*
Swing supplies	2,372	2,431	*
	<b>33,000</b>	<b>33,231</b>	

<b>Estimated Supply Cost</b>	<b>\$ 171,390.74</b>	
<b>Estimated Commodity Cost of Gas</b>	<b>\$ 5.1937</b>	<b>WACOG</b>
Includes Viking Fuel Retention Rate		0.70%

Dakota Natural Gas, LLC  
Actual Daily Delivery Variance Charges  
Pursuant to Docket No. XXXXX

Schedule D

1/1/2023

Prod. Month								
	Mcf	Dollars	Mcf	Dollars	Mcf	Dollars	Mcf	Dollars

Not applicable at this time

**Dakota Natural Gas, LLC**  
**PGA True-up - Recovered Vs. Actual Gas Cost**  
**July 2022 - June 2023**

**Summary**

	July-22	August-22	September-22	October-22	November-22	December-22	January-23	February-23	March-23	April-23	May-23	June-23	TOTAL
<b>Cost of Gas Recovered</b>													
Demand	\$ 676	\$ 585	\$ 765	\$ 4,130	\$ 10,140	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,296
Commodity	4,853	5,538	15,438	67,645	82,654	-	-	-	-	-	-	-	176,130
Total Cost of Gas Recovered	\$ 5,529	\$ 6,124	\$ 16,203	\$ 71,775	\$ 92,794	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 192,425
<b>Cost of Gas Delivered</b>													
Demand	\$ 2,990	\$ 2,990	\$ 5,315	\$ 5,611	\$ 7,206	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 24,113
Commodity	2,648	5,419	3,392	41,496	114,998	-	-	-	-	-	-	-	167,954
Total Cost of Gas Delivered	\$ 5,639	\$ 8,410	\$ 8,708	\$ 47,107	\$ 122,204	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 192,067
<b>Over/(Under) Recovered</b>													
Demand	\$ (2,315)	\$ (2,405)	\$ (4,551)	\$ (1,481)	\$ 2,934	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (7,818)
Commodity	2,205	119	12,046	26,149	(32,343)	-	-	-	-	-	-	-	8,176
Net Over/(Under) Recovered	\$ (110)	\$ (2,286)	\$ 7,495	\$ 24,669	\$ (29,409)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ 358
<b>Cumulative Over/(Under)</b>	\$ (110)	\$ (2,396)	\$ 5,099	\$ 29,768	\$ 358	\$ 358	\$ 358	\$ 358	\$ 358	\$ 358	\$ 358	\$ 358	
2022 - 2023 True-up Net Over Collection													\$ 46,102
Out of Period Adjustments													-
PGA True-up Billed	\$ 20	\$ 17	\$ (659)	\$ (5,263)	\$ (6,281)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(12,166)
Est. PGA True-up Collected 7/1/23 - 8/31/23													-
2020 - 2021 True-up - Collected 9/1/22 - 8/31/23	(110)	(2,286)	7,495	24,669	(29,409)	-	-	-	-	-	-	(0)	358
Total Cumulative Over/(Under) Recovered Cost of Gas	\$ (110)	\$ (2,396)	\$ 5,099	\$ 29,768	\$ 358	\$ 358	\$ 358	\$ 358	\$ 358	\$ 358	\$ 358	\$ 358	\$ 34,294

**Summary:**

Estimated Over/(Under) Collected 2021- 2022 True-up	\$ 33,936
Out of Period Adjustments	-
2022 - 2022 True-up - Over/(Under)recovered COG	358
<b>Net (Under) Over recovered Cost of Gas</b>	<b>\$ 34,294</b>