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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-22-015

**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 November 1, 2022. The attached schedules include the gas cost supporting worksheets.

The COG by class for November 2022 is as follows:

<u>Customer Class</u>	<u>\$/ therm</u>
Residential	\$0.80752
Small Commercial	\$0.80752
Commercial	\$0.80552
General Interruptible	\$0.58378

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**  
 November 1, 2022

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	\$ 0.43052	\$ 0.80752
Small Commercial	Basic Service	\$ 16.00		\$ 16.00
	Commodity	\$ 0.37700	\$ 0.43052	\$ 0.80752
Commercial	Basic Service	\$ 100.00		\$ 100.00
	Commodity	\$ 0.37500	\$ 0.43052	\$ 0.80552
General Interruptible	Basic Service	\$ 100.00		\$ 100.00
	Commodity	\$ 0.25000	\$ 0.33378	\$ 0.58378

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

NATURAL GAS COST COMPONENT

		1	2	3
<b>Cost Summary</b>				
	Ref	Prior Cost	Current Adjustment	Current Cost
Annual Demand	(a)	0.06529	-	0.06529
<u>Commodity</u>				
Residential	(b) + (c)	0.46561	(0.10038)	0.36523
Small Commercial	(b) + (c)	0.46561	(0.10038)	0.36523
Commercial	(b) + (c)	0.46561	(0.10038)	0.36523
General Interruptible	(b) + (d)	0.43416	(0.10038)	0.33378

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	0.38592	0.38592	0.38592	0.38592
SUBTOTAL	0.45121	0.45121	0.45121	0.38592
TRUE-UP	(0.02069)	(0.02069)	(0.02069)	(0.05214)
TOTAL COG	0.43052	0.43052	0.43052	0.33378

<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)	\$ 76,412.72
5. Budgeted Calendar Month Retail Therm Sales	198,000
6. Commodity Unit Cost \$ / Therm (4 / 5)	\$ 0.38592 (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	\$ 0.43052 (a) + (b) + (c)
10. General Interruptible	\$ 0.33378 (b) + (d)

Purchased Gas Adjustment, November 2022  
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 April 1, 2022

**Dakota Natural Gas, LLC  
WACOG Worksheet  
November-22**

Schedule C

**[PROTECTED DATA BEGINS]**

Transport	Volume	Rate	Total
			\$

**Total Transport Charges**

Supply	Volume	Price	Total
			\$
			\$
			\$
			\$
			\$

**[PROTECTED DATA ENDS]**

**Viking Spot Purchase Calculation**

	Monthly Delivery	Monthly Receipt	
Estimated Usage	19,800	19,939	*
Baseload	14,896	15,000	*
Viking BP (ANR Storage)	2,400	2,400	*
Swing supplies	2,504	2,539	*
	<b>19,800</b>	<b>19,939</b>	

<b>Estimated Supply Cost</b>	\$	<b>76,412.72</b>	
<b>Estimated Commodity Cost of Gas</b>	\$	<b>3.8592</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

11/1/2022

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,025
Commodity	4,853	5,538	15,438	-	-	-	-	-	-	-	-	-	25,830
Total Cost of Gas Recovered	\$ 5,529	\$ 6,124	\$ 16,203	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,855
<b>Cost of Gas Delivered</b>													
Demand	\$ 2,990	\$ 2,990	\$ 5,315	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 11,296
Commodity	2,648	5,419	3,392	-	-	-	-	-	-	-	-	-	11,460
Total Cost of Gas Delivered	\$ 5,639	\$ 8,410	\$ 8,708	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 22,757
<b>Over/(Under) Recovered</b>													
Demand	\$ (2,315)	\$ (2,405)	\$ (4,551)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (9,271)
Commodity	2,205	119	12,046	-	-	-	-	-	-	-	-	-	14,370
Net Over/(Under) Recovered	\$ (110)	\$ (2,286)	\$ 7,495	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ 5,099
<b>Cumulative Over/(Under)</b>	\$ (110)	\$ (2,396)	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099
2022 - 2023 True-up Net Over Collection													\$ 46,102
Out of Period Adjustments													-
PGA True-up Billed	\$ 20	\$ 17	\$ (659)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(621)
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	-	-	-	-	-	-	-	-	(0)	5,099
Total Cumulative Over/(Under) Recovered Cost of Gas	\$ (110)	\$ (2,396)	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 5,099	\$ 50,579

**Summary:**

Estimated Over/(Under) Collected 2021- 2022 True-up	\$ 45,481
Out of Period Adjustments	-
2022 - 2022 True-up - Over/(Under)recovered COG	5,099
<b>Net (Under) Over recovered Cost of Gas</b>	<b>\$ 50,579</b>